



Phase II Environmental Site Assessment Report

FOR

**Centre Avenue Development - North
327-329 Huguenot Street
New Rochelle, Westchester County, New York**

Prepared For:

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1.0 INTRODUCTION

SESI Consulting Engineers (SESI) has conducted this Phase II Environmental Site Assessment (Phase II ESA) on behalf of the Requestor, RFMCH Huguenot Property Owner LLC, RFMCH Huguenot Property Owner II LLC and RFMCH Huguenot Development Partners II LLC, for a 0.35-acre property located at 327-329 Huguenot Street in New Rochelle, Westchester County, New York (referred to as the “Site”). The Site is currently an asphalt-paved parking lot located in an urban setting characterized as mixed-use commercial and residential district, containing residential and commercial use properties and is bound to the north by Trinity Saint Paul’s Episcopal Church, to the east by Huguenot Street, followed by residential and commercial properties, to the south by Centre Avenue, followed by a residential apartment building (currently under construction), and to the west by Rancho Grande Supermarket. **Figure 1** presents a Site Location Map.

SESI completed a Phase I Environmental Site Assessment (ESA) in January 2021 to identify Recognized Environmental Conditions (RECs). The Site formerly contained an apartment building. One REC was identified associated with an offsite gasoline spill at 316 Huguenot Street, located across the street from the Site, as detailed in Section 1.1.

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

SESI collected soil, soil vapor, and groundwater samples to investigate the identified REC and characterize all environmental media at the Site to determine the Site’s eligibility for admission to the New York State Brownfield Cleanup Program (BCP).

1.1 Recognized Environmental Concerns

One (1) REC was identified during our Phase I ESA, as detailed below, subject to further investigation:

- **REC 1 –Offsite Spill Incident:** A spill incident was reported at 316 Huguenot St (across the street from the Site) and involved a spill of gasoline on August 3, 2020. Based on the spill report, the spill was reported based on the discovery of soil contaminated with gasoline during a Phase II environmental assessment. This facility is within 0.01 miles of

the Site and at a higher elevation. Therefore, based on the close proximity and upgradient location of this spill in relation to the Site, it constitutes a REC.

1.2 Site Settings

The Site consists of an approximately 14,445-square feet (0.35-acres) property located at 327-329 Huguenot Street in the City of New Rochelle, Westchester County, New York. The Site consists of a parking lot. The Site is bounded to the east by Huguenot Street, to the south by Centre Avenue, to the west by a supermarket, and to the north by a church. The Site is identified on tax map records as Section 2, Block 417, Lot 0001. The Site topography is generally flat and slopes regionally downward to the southwest.

1.3 Proposed Development

The planned new construction for the Site will be a multi-unit residential building.

2.0 SUBSURFACE INVESTIGATION

2.1 Site Geology

Based on soil borings conducted during this investigation and during SESI's geotechnical investigation completed in June 2019, subsurface geology generally consisted of uncontrolled fill from the surface down to depths ranging from 5 to 11 ft bg, followed by natural decomposed rock which extends to depths between 10 and 22 ft bg, beneath which bedrock was encountered. Bedrock consisted of dark gray, weathered, hard, slightly to intensely fractured Gneiss; overlying dark gray, slightly weathered, hard, slightly fractured to moderately fractured Schist, with high angle foliations/banding. Groundwater depths ranged from 16 to 27 ft bg across the Site, indicating that some shallow water-bearing fractures are present in bedrock.

2.2 Soil Borings

Twenty-one (21) soil borings, six (6) temporary wells, and four (4) soil vapor points were advanced using a combined direct push Geoprobe®/air rotary drill rig. A total of twenty-one (21) soil samples were collected, six (6) groundwater samples were collected and four (4) soil vapor samples were collected. The borings were completed in two separate mobilizations. Eleven (11) soil borings, three (3) temporary wells, and four (4) soil vapor points were conducted between October 22-26, 2020 and an additional 10 borings and 3 temporary wells were conducted between November 18-19, 2020.

Table 2.1 below presents a list of the borings, samples collected, the dates of sampling, installation method, boring depth, location and sample depth rationale, sample media, sample type, and analysis completed. **Figure 2** presents the soil boring locations. Soil boring logs are presented in **Appendix A**. A total of twenty-one (21) soil samples were collected from the borings, delivered under chain-of-custody, and analyzed at Alpha Analytical, Inc., (Alpha) a NYSDEC ELAP-certified laboratory. The soil samples were collected from varying depths based on field screening, which included screening with a Photo Ionization Detector (PID), visual and olfactory observations. All soil samples were collected as discrete grab samples and were not composited.

As noted in the table below, soil samples were analyzed for Target Compound List +30 TIC's/Target Analyte List (TCL+30/TAL) which includes total volatile organic Compounds (VOCs), base neutral acid extractables (BNAs), target analyte list (TAL) metals (23 metals + cyanide), pesticides, and polychlorinated biphenyls (PCB's), as well as PFAS compounds.

Table 2.1 – Sample Summary Table

Location Name	Date	Installation Method	Boring Depth (ft)	Sample Depth (ft)	Sample Media	Analyses
S-1 (2-3)	10/22/2020	Direct Push (Geoprobe®)	12	2-3	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-2 (3-4)	10/22/2020	Direct Push (Geoprobe®)	9	3-4	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-3 (1-2)	10/22/2020	Direct Push (Geoprobe®)	10	1-2	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-4 (4-5)	10/22/2020	Direct Push (Geoprobe®)	10	4-5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-5 (2-3)	10/22/2020	Direct Push (Geoprobe®)	7	2-3	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-6 (5-6)	10/22/2020	Direct Push (Geoprobe®)	10	5-6	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-7 (5-6)	10/22/2020	Direct Push (Geoprobe®)	10	5-6	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-8 (8-9)	10/22/2020	Direct Push (Geoprobe®)	10	8-9	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-9 (4-5)	10/22/2020	Direct Push (Geoprobe®)	10	4-5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-10 (6-7)	10/22/2020	Direct Push (Geoprobe®)	9	6-7	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-11 (2-3)	10/22/2020	Direct Push (Geoprobe®)	9	2-3	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-12 (3-4)	11/18/2020	Direct Push (Geoprobe®)	9	3-4	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-13 (5-6)	11/18/2020	Direct Push (Geoprobe®)	9	5-6	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-14 (4-5)	11/18/2020	Direct Push (Geoprobe®)	9	4-5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-15 (5-6)	11/18/2020	Direct Push (Geoprobe®)	9	5-6	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-16 (4-5)	11/18/2020	Direct Push (Geoprobe®)	9	4-5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-17 (2-3)	11/18/2020	Direct Push (Geoprobe®)	9	2-3	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-18 (3-4)	11/18/2020	Direct Push (Geoprobe®)	9	3-4	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-19 (2-3)	11/19/2020	Direct Push (Geoprobe®)	9	2-3	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-20 (4-5)	11/19/2020	Direct Push (Geoprobe®)	9	4-5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
S-21 (3-4)	11/19/2020	Direct Push (Geoprobe®)	9	3-4	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
Location Name	Date	Installation Method	Well Depth (ft)	Sample Depth (ft)	Sample Media	Analyses
GW-1	10/26/2020	Air Rotary	30	28	Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane
GW-2	10/26/2020	Air Rotary	25	23	Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane
GW-3	10/26/2020	Air Rotary	20	18	Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane
TW-4	11/18/2020	Air Rotary	28	26	Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane
TW-5	11/18/2020	Air Rotary	27	25	Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane
TW-6	11/18/2020	Air Rotary	27	25	Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane
Location Name	Date	Installation Method	Boring Depth (ft)	Sample Depth (ft)	Sample Media	Analyses
V-1	10/22/2020	Direct Push (Geoprobe®)	5	5	Soil Vapor	TO-15
V-2	10/22/2020	Direct Push (Geoprobe®)	5	5	Soil Vapor	TO-15
V-3	10/22/2020	Direct Push (Geoprobe®)	5	5	Soil Vapor	TO-15
V-4	10/22/2020	Direct Push (Geoprobe®)	5	5	Soil Vapor	TO-15
AA-1	10/22/2020	NA	0	0	Ambient Air	TO-15

Notes:

ft - Feet below grade surface.

2.3 Groundwater Investigation

Six (6) borings were advanced into bedrock to install temporary monitoring wells GW-1, GW-2, GW-3, and TW-4, TW-5, and TW-6. No groundwater was encountered in overburden soils and groundwater was only encountered within bedrock. The temporary monitoring well locations are provided in **Figure 3**. Groundwater samples were collected from the wells, delivered under chain-

of-custody, and analyzed for TCL+30/TAL, PFAS compounds, 1,4-dioxane, and dissolved metals by Alpha. Sampling was performed using disposable Teflon bailers.

2.4 Soil Vapor Investigation

Four (4) soil vapor points were installed via direct push methodologies. The soil samples were collected with 1-L Summa Canisters with flow controllers set for a flow rate of 200 ml/min. Soil vapor point locations are depicted in **Figure 4**. The soil vapor samples were sent to Alpha for EPA TO-15 analysis.

3.0 ANALYTICAL RESULTS

3.1 Soil Investigation Results

A total of twenty-one (21) soil samples were collected during the two sampling events. The soil sample locations were distributed to cover all areas of the Site. The recovered soil cores from each boring were field screened with a PID and observed for visual and olfactory indications of contamination. Summary tables of the analytical results compared to New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objectives (USCO), and Restricted Residential Soil Clean-up Objectives (RRSCOs) are presented in attached **Tables 1-5**. The soil sample depths were selected based on the field screening results. The laboratory deliverable reports are included in **Appendix B**. Soil boring locations and a summary of the results are depicted on **Figure 2**. This figure also contains sampling results from several soil samples collected during SESI's geotechnical investigation of the property in June 2019.

Table 3.1 below includes a summary of the soil exceedances of the USCO and RRSCO. Soil samples from 12 of the borings contained PAHs exceeding RRSCOs, with most concentrations within the range of typical historic fill except for 2 samples [S-13(5-6) and S-15(5-6)] with concentrations well in excess of typical fill concentrations. Similarly, metals were detected in most samples above USCOs, typical of historic fill, but in several samples well in excess of RRSCOs, including lead detected at over 2,000 mg/kg in one sample [S-19(2-3)]. In addition, PCBs (not typically found in historic fill) were identified in one sample [S-2(3-4)] well above the RRSCOs and in several other samples above USCOs. Pesticides exceeding USCOs (common in historic fill) were identified in almost all soil samples, but in two samples pesticide concentrations were identified exceeding residential SCOs, and one pesticide (DDT) exceeding the RRSCO in one sample, which is four orders of magnitude higher than the USCO. In addition,

PFOS was detected in nine samples in excess of the NYSDEC unrestricted use guidance value. No VOCs or 1,4-dioxane were detected in any soil samples.

Table 3.1 - Soil Sample Exceedances

LOCATION				S-1 (2-3)	S-2 (3-4)	S-3 (1-2)	S-4 (4-5)	S-5 (2-3)
SAMPLING DATE				10/22/2020	10/22/2020	10/22/2020	10/22/2020	10/22/2020
SAMPLE DEPTH (ft.)				2-3	3-4	1-2	4-5	2-3
	USCO	RRSCO	Units	Results	Results	Results	Results	Results
Pesticides								
Dieldrin	0.005	0.2	mg/kg	ND	ND	ND	0.0124	0.00319
4,4'-DDE	0.0033	8.9	mg/kg	0.00306IP	0.139	0.011	0.00997	0.123
4,4'-DDD	0.0033	13	mg/kg	ND	0.0118	0.00186J	0.00547	0.0149
4,4'-DDT	0.0033	7.9	mg/kg	0.00664	0.368P	0.0265	0.0188	1.09
Polychlorinated Biphenyls								
Aroclor 1254	0.1	1	mg/kg	0.0635P	4.64	0.406	0.0149J	0.112
PCBs, Total	0.1	1	mg/kg	0.0635	4.64	0.406	0.0149J	0.112
Semivolatile Organics								
Benzo(a)anthracene	1	1	mg/kg	0.82	1.4	0.33	0.44	0.25
Benzo(a)pyrene	1	1	mg/kg	0.93	1.3	0.44	0.66	0.34
Benzo(b)fluoranthene	1	1	mg/kg	1.1	1.4	0.49	0.72	0.4
Chrysene	1	3.9	mg/kg	0.9	1.6	0.35	0.52	0.29
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	0.54	0.64	0.27	0.41	0.22
Total Metals								
Barium, Total	350	400	mg/kg	49.3	774	92.4	86.4	409
Lead, Total	63	400	mg/kg	10.8	1190	28.7	18.7	323
Mercury, Total	0.18	0.81	mg/kg	ND	0.258	ND	0.052J	0.113
Nickel, Total	30	310	mg/kg	10.6	6.53	14	50.5	6.85
Zinc, Total	109	10000	mg/kg	17.8	604	49.9	35.4	178
LOCATION				S-6 (5-6)	S-7 (5-6)	S-9 (4-5)	S-10 (6-7)	S-11 (2-3)
SAMPLING DATE				10/22/2020	10/22/2020	10/22/2020	10/22/2020	10/22/2020
SAMPLE DEPTH (ft.)				5-6	5-6	4-5	6-7	2-3
	USCO	RRSCO	Units	Results	Results	Results	Results	Results
Organochlorine Pesticides by GC								
Dieldrin	0.005	0.2	mg/kg	0.00349	ND	0.00842	0.000892JIP	ND
4,4'-DDE	0.0033	8.9	mg/kg	0.0114	ND	0.0102	0.00658	0.0213
4,4'-DDD	0.0033	13	mg/kg	0.00162J	ND	0.00384	0.00133JIP	0.00202
4,4'-DDT	0.0033	7.9	mg/kg	0.00717	0.00646	0.042	0.00877IP	0.0424
Semivolatile Organics by GC/MS								
Benzo(a)anthracene	1	1	mg/kg	0.22	0.26	2.3	0.48	0.9
Benzo(a)pyrene	1	1	mg/kg	0.2	0.23	2.4	0.4	1
Benzo(b)fluoranthene	1	1	mg/kg	0.21	0.24	2.9	0.39	1.2
Benzo(k)fluoranthene	0.8	3.9	mg/kg	0.082J	0.078J	1	0.1J	0.4
Chrysene	1	3.9	mg/kg	0.25	0.27	2.2	0.61	1
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	0.028J	0.033J	0.35	0.059J	0.16
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	0.098J	0.11J	1.4	0.16	0.6
Total Metals								
Lead, Total	63	400	mg/kg	319	4.84	8.16	299	70.4

LOCATION				S-12 (3-4)	S-13 (5-6)	S-14 (4-5)	S-15 (5-6)	S-16 (4-5)
SAMPLING DATE				11/18/2020	11/18/2020	11/18/2020	11/18/2020	11/18/2020
SAMPLE DEPTH (ft.)				3-4	5-6	4-5	5-6	4-5
	USCO	RRSCO	Units	Results	Results	Results	Results	Results
Organochlorine Pesticides by GC								
Dieldrin	0.005	0.2	mg/kg	0.00975	0.0172IP	0.00385	0.00696	0.0124
4,4'-DDE	0.0033	8.9	mg/kg	0.0296	0.0993	0.18	0.0183IP	0.106
4,4'-DDD	0.0033	13	mg/kg	0.00833	0.02	0.00668	0.00543	0.0164
4,4'-DDT	0.0033	7.9	mg/kg	0.0574	0.509	0.209	0.0955	0.34
cis-Chlordane	0.094	4.2	mg/kg	0.0225	0.418IP	0.00522	0.0074	0.0149
Semivolatile Organics by GC/MS								
Benzo(a)anthracene	1	1	mg/kg	2.1	30	0.14	6.2	0.38
Benzo(a)pyrene	1	1	mg/kg	2.5	24	0.16	7	0.58
Benzo(b)fluoranthene	1	1	mg/kg	2.9	28	0.19	7.6	0.6
Benzo(k)fluoranthene	0.8	3.9	mg/kg	0.93	9.6	0.068J	2.8	0.18
Chrysene	1	3.9	mg/kg	2.5	26	0.16	6.6	0.44
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	0.37	4.1	0.024J	1	0.084J
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	1.4	14	0.099J	3.9	0.33
3-Methylphenol/4-Methylphenol	0.33	100	mg/kg	0.031J	0.47J	ND	0.033J	ND
Total Metals								
Barium, Total	350	400	mg/kg	95.6	776	70.5	172	187
Cadmium, Total	2.5	4.3	mg/kg	0.647J	2.6	0.515J	0.289J	0.598J
Lead, Total	63	400	mg/kg	99.2	964	16.1	128	251
Mercury, Total	0.18	0.81	mg/kg	ND	1.82	0.068J	0.099	0.081
Zinc, Total	109	10000	mg/kg	101	1030	85.9	441	186

LOCATION				S-17 (2-3)	S-18 (3-4)	S-19 (2-3)	S-20 (4-5)	S-21 (3-4)
SAMPLING DATE				11/18/2020	11/18/2020	11/19/2020	11/19/2020	11/19/2020
SAMPLE DEPTH (ft.)				2-3	3-4	2-3	4-5	3-4
	USCO	RRSCO	Units	Results	Results	Results	Results	Results
Organochlorine Pesticides by GC								
Dieldrin	0.005	0.2	mg/kg	ND	ND	0.0103	0.144	0.00558
4,4'-DDE	0.0033	8.9	mg/kg	0.00583	ND	0.0284	5.24	0.0103
4,4'-DDD	0.0033	13	mg/kg	ND	ND	ND	0.948	ND
4,4'-DDT	0.0033	7.9	mg/kg	0.0131IP	0.00936IP	0.1	19.4	0.044
cis-Chlordane	0.094	4.2	mg/kg	0.00535	0.00691	0.0174	0.33IP	0.00608
Polychlorinated Biphenyls by GC								
Aroclor 1254	0.1	1	mg/kg	0.223	0.261	0.0424	0.0241J	0.00432J
PCBs, Total	0.1	1	mg/kg	0.223	0.261	0.0424	0.0241J	0.00432J
Semivolatile Organics by GC/MS								
Benzo(a)anthracene	1	1	mg/kg	0.84	1.5	0.51	1	1.2
Benzo(a)pyrene	1	1	mg/kg	0.86	1.2	0.45	0.94	1.2
Benzo(b)fluoranthene	1	1	mg/kg	0.95	1.5	0.53	1.1	1.3
Chrysene	1	3.9	mg/kg	0.78	1.8	0.63	1.2	1.5
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	0.58J	0.75	0.24	0.6	0.63
Total Metals								
Arsenic, Total	13	16	mg/kg	3.78	2.75	16.1	3.94	7.13
Barium, Total	350	400	mg/kg	364	75.3	713	411	312
Lead, Total	63	400	mg/kg	203	21.7	2530	615	293
Mercury, Total	0.18	0.81	mg/kg	0.417	ND	0.43	0.119	0.203
Zinc, Total	109	10000	mg/kg	246	33.9	997	313	231

Notes:

mg/kg – milligrams per kilogram

Yellow highlight indicates result exceeding the USCO

Red highlight indicates a result exceeding the RRSCO

BOLD – Constituent exceeds at least one SCO

ND – Constituent not detected

3.2 Groundwater Investigation Results

Six (6) groundwater samples were collected from temporary wells for TCL/TAL+30, dissolved metals, 1,4-dioxane, and PFAS analysis. Groundwater analytical results summary tables are included in **Tables 6-10** attached, and the laboratory deliverable reports are included in **Appendix B**. A groundwater sample location plan and summary of the results is shown in **Figure 3**.

Table 3.2 below presents a summary of the groundwater exceedances of the NYSDEC Technical and Administrative Guidance Series 1.1.1 Ambient Groundwater Quality Criteria (AWQS) and Groundwater Effluent Limitations Criteria (TOGS-GA).

PAHs were identified in 5 of 6 groundwater samples exceeding the AWQS. Pesticides were identified in the 3 temp wells installed in the southern portion of the Site above the AWQS, and PCBs were identified in one sample exceeding AWQS. Total (unfiltered) metals analysis indicated numerous metals exceeding AWQS, but this is attributed to high sample turbidity from temporary wells. To account for this, the samples were also analyzed for dissolved metals, and only four metals including magnesium, manganese, iron, and sodium, which are primarily naturally-occurring, were present above AWQS in some or all temp wells. PFOA and PFOS were identified in 3 wells exceeding the NYSDEC maximum contaminant level (MCL) of 10 ng/L. VOCs were not detected in excess of AWQS or TOGS, and 1,4-dioxane was not detected in any groundwater samples. None of the identified groundwater contaminants are known to be denser than water, and thus it is not likely that higher contaminant concentrations would be identified in deeper bedrock fractures.

Table 3.2 – Groundwater Sample Exceedances

LOCATION			GW-1	GW-2	GW-3	TW-4	TW-5	TW-6
SAMPLING DATE			10/26/2020	10/26/2020	10/26/2020	11/18/2020	11/18/2020	11/19/2020
SAMPLE TYPE			WATER	WATER	WATER	WATER	WATER	WATER
	NY-AWQS	Units	Results	Results	Results	Results	Results	Results
Pesticides								
Dieldrin	0.004	ug/l	ND	0.047	0.016J	ND	ND	0.136
4,4'-DDE	0.2	ug/l	ND	0.231	0.113	0.01J	ND	0.556
4,4'-DDT	0.2	ug/l	ND	1.08	0.41	ND	ND	1.04
Chlordane	0.05	ug/l	ND	0.766	0.387	ND	ND	1.2P
Polychlorinated Biphenyls								
Aroclor 1248	0.09	ug/l	ND	0.723	ND	ND	ND	ND
Aroclor 1254	0.09	ug/l	0.048J	0.214	0.062J	ND	ND	ND
PCBs, Total	0.09	ug/l	0.048J	0.986J	0.062J	ND	ND	ND
Semivolatile Organics								
Phenol	1	ug/l	ND	ND	ND	6.2	0.72J	1.9J
Semivolatile Organics								
Benzo(a)anthracene	0.002	ug/l	0.8	4.9	0.54	0.04J	ND	0.06J
Benzo(a)pyrene	0	ug/l	0.86	5	0.54	0.03J	ND	0.06J
Benzo(b)fluoranthene	0.002	ug/l	1.1	5.7	0.58	0.04J	ND	0.07J
Benzo(k)fluoranthene	0.002	ug/l	0.3	1.7	0.19	0.02J	ND	0.02J
Chrysene	0.002	ug/l	0.9	5.9	0.63	0.02J	ND	0.05J
Indeno(1,2,3-cd)pyrene	0.002	ug/l	0.63	3.6	0.38	0.03J	ND	0.05J
Dissolved Metals								
Antimony, Dissolved	3	ug/l	ND	4.15	1.38J	0.68J	ND	2.64J
Iron, Dissolved	300	ug/l	76400	ND	65.6	22.7J	ND	46.7J
Magnesium, Dissolved	35000	ug/l	118000	44500	228000	53200	158000	117000
Manganese, Dissolved	300	ug/l	6889	706.1	199.2	2281	878.9	171.1
Sodium, Dissolved	20000	ug/l	147000	518000	1010000	615000	880000	946000

Notes:

ND – compound not detected
Yellow Highlight – exceeds AWQS
J – an estimated value
Ug/l – micrograms per liter

3.3 Soil Vapor Results

Four (4) soil vapor samples were also collected at the Site. Soil vapor analytical results did not identify any exceedances to the NYS Department of Health (DOH) Sub-Slab Vapor Concentrations Criteria (SSCs) Matrices A, B and C. Soil vapor sample locations are shown on **Figure 4**. The attached **Table 11** presents the soil vapor analytical results.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The investigation results indicate the presence of contamination in excess of NYSDEC SCOs and GVs in the site soil and in excess of AWQS, TOGS, and MCLs in groundwater. Soil vapor concentrations were not identified above NYSDOH criteria. Additional investigation and eventually remediation of the identified contamination should be completed before the development on the Site.

TABLES

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-1 (2-3)		S-2 (3-4)		S-3 (1-2)		S-4 (4-5)		S-5 (2-3)			
	SAMPLING DATE		SAMPLING DATE		SAMPLING DATE		SAMPLING DATE		SAMPLING DATE			
LAB SAMPLE ID		LAB SAMPLE ID		LAB SAMPLE ID		LAB SAMPLE ID		LAB SAMPLE ID				
SAMPLE TYPE		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics By GC/MS - (mg/kg)												
Methylene chloride	100	0.05	ND		ND		ND		ND		ND	
1,1-Dichloroethane	26	0.27	ND		ND		ND		ND		ND	
Chloroform	49	0.37	ND		ND		ND		ND		ND	
Carbon tetrachloride	2.4	0.76	ND		ND		ND		ND		ND	
1,2-Dichloropropane	NC	NC	ND		ND		ND		ND		ND	
Dibromochloromethane	NC	NC	ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	NC	NC	ND		ND		ND		ND		ND	
Tetrachloroethene	19	1.3	ND		ND		ND		ND		ND	
Chlorobenzene	100	1.1	ND		ND		ND		ND		ND	
Trichlorofluoromethane	NC	NC	ND		ND		ND		ND		ND	
1,2-Dichloroethane	3.1	0.02	ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	100	0.68	ND		ND		ND		ND		ND	
Bromodichloromethane	NC	NC	ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	NC	NC	ND		ND		ND		ND		ND	
cis-1,3-Dichloropropene	NC	NC	ND		ND		ND		ND		ND	
1,3-Dichloropropene, Total	NC	NC	ND		ND		ND		ND		ND	
1,1-Dichloropropene	NC	NC	ND		ND		ND		ND		ND	
Bromoform	NC	NC	ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	NC	NC	ND		ND		ND		ND		ND	
Benzene	4.8	0.06	ND		ND		ND		ND		ND	
Toluene	100	0.7	ND		ND		ND		ND		ND	
Ethylbenzene	41	1	0.0021		ND		ND		ND		ND	
Chloromethane	NC	NC	ND		ND		ND		ND		ND	
Bromomethane	NC	NC	ND		ND		ND		ND		ND	
Vinyl chloride	0.9	0.02	ND		ND		ND		ND		ND	
Chloroethane	NC	NC	ND		ND		ND		ND		ND	
1,1-Dichloroethene	100	0.33	ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	100	0.19	ND		ND		ND		ND		ND	
Trichloroethene	21	0.47	ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	100	1.1	ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	49	2.4	ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	13	1.8	ND		ND		ND		ND		ND	
Methyl tert butyl ether	100	0.93	ND		ND		ND		ND		ND	
p/m-Xylene	NC	NC	0.013		ND		ND		ND		ND	
o-Xylene	NC	NC	0.0054		ND		ND		ND		ND	
Xylenes, Total	100	0.26	0.018		ND		ND		ND		ND	
cis-1,2-Dichloroethene	100	0.25	ND		ND		ND		ND		ND	
1,2-Dichloroethene, Total	NC	NC	ND		ND		ND		ND		ND	
Dibromomethane	NC	NC	ND		ND		ND		ND		ND	
Styrene	NC	NC	ND		ND		ND		ND		ND	
Dichlorodifluoromethane	NC	NC	ND		ND		ND		ND		ND	
Acetone	100	0.05	ND		ND		ND		ND		ND	
Carbon disulfide	NC	NC	ND		ND		ND		ND		ND	
2-Butanone	100	0.12	ND		ND		ND		ND		ND	
Vinyl acetate	NC	NC	ND		ND		ND		ND		ND	
4-Methyl-2-pentanone	NC	NC	ND		ND		ND		ND		ND	
1,2,3-Trichloropropane	NC	NC	ND		ND		ND		ND		ND	
2-Hexanone	NC	NC	ND		ND		ND		ND		ND	
Bromochloromethane	NC	NC	ND		ND		ND		ND		ND	
2,2-Dichloropropane	NC	NC	ND		ND		ND		ND		ND	
1,2-Dibromoethane	NC	NC	ND		ND		ND		ND		ND	
1,3-Dichloropropane	NC	NC	ND		ND		ND		ND		ND	
1,1,1,2-Tetrachloroethane	NC	NC	ND		ND		ND		ND		ND	
Bromobenzene	NC	NC	ND		ND		ND		ND		ND	
n-Butylbenzene	100	12	ND		ND		ND		ND		ND	
sec-Butylbenzene	100	11	ND		ND		ND		ND		ND	
tert-Butylbenzene	100	5.9	ND		ND		ND		ND		ND	
o-Chlorotoluene	NC	NC	ND		ND		ND		ND		ND	
p-Chlorotoluene	NC	NC	ND		ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	NC	NC	ND		ND		ND		ND		ND	
Hexachlorobutadiene	NC	NC	ND		ND		ND		ND		ND	
Isopropylbenzene	NC	NC	ND		ND		ND		ND		ND	
p-Isopropyltoluene	NC	NC	ND		ND		ND		ND		ND	
Naphthalene	100	12	ND		ND		ND	-	ND		ND	
Acrylonitrile	NC	NC	ND		ND		ND		ND		ND	
n-Propylbenzene	100	3.9	ND		ND		ND		ND		ND	
1,2,3-Trichlorobenzene	NC	NC	ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	NC	NC	ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	52	8.4	ND		ND		ND		ND		ND	

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-1 (2-3)	S-2 (3-4)	S-3 (1-2)	S-4 (4-5)	S-5 (2-3)						
SAMPLING DATE		10/22/2020	10/22/2020	10/22/2020	10/22/2020	10/22/2020						
LAB SAMPLE ID		L2046080-01	L2046080-02	L2046080-03	L2046080-04	L2046080-05						
SAMPLE TYPE		SOIL	SOIL	SOIL	SOIL	SOIL						
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics By GC/MS - (mg/kg)												
1,2,4-Trimethylbenzene	52	3.6	ND		ND		ND		ND		ND	
1,4-Dioxane	13	0.1	ND		ND		ND		ND		ND	
p-Diethylbenzene	NC	NC	ND		0.00043	J	ND		ND		ND	
p-Ethyltoluene	NC	NC	ND		ND		ND		ND		ND	
1,2,4,5-Tetramethylbenzene	NC	NC	ND		ND		ND		ND		ND	
Ethyl ether	NC	NC	ND		ND		ND		ND		ND	
trans-1,4-Dichloro-2-butene	NC	NC	ND		ND		ND		ND		ND	
Total VOCs	NC	NC	0.0205	-	0.00043	-	ND		-	-	-	-

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-6 (5-6)	S-7 (5-6)			
SAMPLING DATE		10/22/2020	10/22/2020			
LAB SAMPLE ID		L2046080-06	L2046080-07			
SAMPLE TYPE		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q
Volatile Organics By GC/MS - (mg/kg)						
Methylene chloride	100	0.05	ND		ND	
1,1-Dichloroethane	26	0.27	ND		ND	
Chloroform	49	0.37	ND		ND	
Carbon tetrachloride	2.4	0.76	ND		ND	
1,2-Dichloropropane	NC	NC	ND		ND	
Dibromochloromethane	NC	NC	ND		ND	
1,1,2-Trichloroethane	NC	NC	ND		ND	
Tetrachloroethene	19	1.3	ND		ND	
Chlorobenzene	100	1.1	ND		ND	
Trichlorofluoromethane	NC	NC	ND		ND	
1,2-Dichloroethane	3.1	0.02	ND		ND	
1,1,1-Trichloroethane	100	0.68	ND		ND	
Bromodichloromethane	NC	NC	ND		ND	
trans-1,3-Dichloropropene	NC	NC	ND		ND	
cis-1,3-Dichloropropene	NC	NC	ND		ND	
1,3-Dichloropropene, Total	NC	NC	ND		ND	
1,1-Dichloropropene	NC	NC	ND		ND	
Bromoform	NC	NC	ND		ND	
1,1,2,2-Tetrachloroethane	NC	NC	ND		ND	
Benzene	4.8	0.06	ND		ND	
Toluene	100	0.7	ND		ND	
Ethylbenzene	41	1	ND		ND	
Chloromethane	NC	NC	ND		ND	
Bromomethane	NC	NC	ND		ND	
Vinyl chloride	0.9	0.02	ND		ND	
Chloroethane	NC	NC	ND		ND	
1,1-Dichloroethene	100	0.33	ND		ND	
trans-1,2-Dichloroethene	100	0.19	ND		ND	
Trichloroethene	21	0.47	ND		ND	
1,2-Dichlorobenzene	100	1.1	ND		ND	
1,3-Dichlorobenzene	49	2.4	ND		ND	
1,4-Dichlorobenzene	13	1.8	ND		ND	
Methyl tert butyl ether	100	0.93	ND		ND	
p/m-Xylene	NC	NC	ND		ND	
o-Xylene	NC	NC	ND		ND	
Xylenes, Total	100	0.26	ND		ND	
cis-1,2-Dichloroethene	100	0.25	ND		ND	
1,2-Dichloroethene, Total	NC	NC	ND		ND	
Dibromomethane	NC	NC	ND		ND	
Styrene	NC	NC	ND		ND	
Dichlorodifluoromethane	NC	NC	ND		ND	
Acetone	100	0.05	ND		ND	
Carbon disulfide	NC	NC	ND		ND	
2-Butanone	100	0.12	ND		ND	
Vinyl acetate	NC	NC	ND		ND	
4-Methyl-2-pentanone	NC	NC	ND		ND	
1,2,3-Trichloropropane	NC	NC	ND		ND	
2-Hexanone	NC	NC	ND		ND	
Bromochloromethane	NC	NC	ND		ND	
2,2-Dichloropropane	NC	NC	ND		ND	
1,2-Dibromoethane	NC	NC	ND		ND	
1,3-Dichloropropane	NC	NC	ND		ND	
1,1,1,2-Tetrachloroethane	NC	NC	ND		ND	
Bromobenzene	NC	NC	ND		ND	
n-Butylbenzene	100	12	ND		ND	
sec-Butylbenzene	100	11	ND		ND	
tert-Butylbenzene	100	5.9	ND		ND	
o-Chlorotoluene	NC	NC	ND		ND	
p-Chlorotoluene	NC	NC	ND		ND	
1,2-Dibromo-3-chloropropane	NC	NC	ND		ND	
Hexachlorobutadiene	NC	NC	ND		ND	
Isopropylbenzene	NC	NC	ND		ND	
p-Isopropyltoluene	NC	NC	ND		ND	
Naphthalene	100	12	ND		ND	
Acrylonitrile	NC	NC	ND		ND	
n-Propylbenzene	100	3.9	ND		ND	
1,2,3-Trichlorobenzene	NC	NC	ND		ND	
1,2,4-Trichlorobenzene	NC	NC	ND		ND	
1,3,5-Trimethylbenzene	52	8.4	ND		ND	

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION			S-6 (5-6)		S-7 (5-6)	
SAMPLING DATE			10/22/2020		10/22/2020	
LAB SAMPLE ID			L2046080-06		L2046080-07	
SAMPLE TYPE			SOIL		SOIL	
	RRSCO	USCO	Result	Q	Result	Q
Volatile Organics By GC/MS - (mg/kg)						
1,2,4-Trimethylbenzene	52	3.6	ND		ND	
1,4-Dioxane	13	0.1	ND		ND	
p-Diethylbenzene	NC	NC	ND		ND	
p-Ethyltoluene	NC	NC	ND		ND	
1,2,4,5-Tetramethylbenzene	NC	NC	ND		ND	
Ethyl ether	NC	NC	ND		ND	
trans-1,4-Dichloro-2-butene	NC	NC	ND		ND	
Total VOCs	NC	NC	-	-	-	-

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION			S-8 (8-9)		S-9 (4-5)		S-10 (6-7)		S-11 (2-3)		S-12 (3)
SAMPLING DATE			10/22/2020		10/22/2020		10/22/2020		10/22/2020		11/18/20
LAB SAMPLE ID			L2046080-08		L2046080-09		L2046080-10		L2046080-11		L205131
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result
Volatile Organics By GC/MS - (mg/kg)											
Methylene chloride	100	0.05	ND		ND		ND		ND		ND
1,1-Dichloroethane	26	0.27	ND		ND		ND		ND		ND
Chloroform	49	0.37	ND		ND		ND		ND		ND
Carbon tetrachloride	2.4	0.76	ND		ND		ND		ND		ND
1,2-Dichloropropane	NC	NC	ND		ND		ND		ND		ND
Dibromochloromethane	NC	NC	ND		ND		ND		ND		ND
1,1,2-Trichloroethane	NC	NC	ND		ND		ND		ND		ND
Tetrachloroethene	19	1.3	ND		ND		ND		ND		ND
Chlorobenzene	100	1.1	ND		ND		ND		ND		ND
Trichlorofluoromethane	NC	NC	ND		ND		ND		ND		ND
1,2-Dichloroethane	3.1	0.02	ND		ND		ND		ND		ND
1,1,1-Trichloroethane	100	0.68	ND		ND		ND		ND		ND
Bromodichloromethane	NC	NC	ND		ND		ND		ND		ND
trans-1,3-Dichloropropene	NC	NC	ND		ND		ND		ND		ND
cis-1,3-Dichloropropene	NC	NC	ND		ND		ND		ND		ND
1,3-Dichloropropene, Total	NC	NC	ND		ND		ND		ND		ND
1,1-Dichloropropene	NC	NC	ND		ND		ND		ND		ND
Bromoform	NC	NC	ND		ND		ND		ND		ND
1,1,2,2-Tetrachloroethane	NC	NC	ND		ND		ND		ND		ND
Benzene	4.8	0.06	ND		ND		ND		ND		ND
Toluene	100	0.7	ND		ND		ND		ND		ND
Ethylbenzene	41	1	ND		ND		ND		ND		ND
Chloromethane	NC	NC	ND		ND		ND		ND		ND
Bromomethane	NC	NC	ND		ND		ND		ND		ND
Vinyl chloride	0.9	0.02	ND		ND		ND		ND		ND
Chloroethane	NC	NC	ND		ND		ND		ND		ND
1,1-Dichloroethene	100	0.33	ND		ND		ND		ND		ND
trans-1,2-Dichloroethene	100	0.19	ND		ND		ND		ND		ND
Trichloroethene	21	0.47	ND		ND		ND		ND		ND
1,2-Dichlorobenzene	100	1.1	ND		ND		ND		ND		ND
1,3-Dichlorobenzene	49	2.4	ND		ND		ND		ND		ND
1,4-Dichlorobenzene	13	1.8	ND		ND		ND		ND		ND
Methyl tert butyl ether	100	0.93	ND		ND		ND		ND		ND
p/m-Xylene	NC	NC	ND		ND		ND		ND		ND
o-Xylene	NC	NC	ND		ND		ND		ND		ND
Xylenes, Total	100	0.26	ND		ND		ND		ND		ND
cis-1,2-Dichloroethene	100	0.25	ND		ND		ND		ND		ND
1,2-Dichloroethene, Total	NC	NC	ND		ND		ND		ND		ND
Dibromomethane	NC	NC	ND		ND		ND		ND		ND
Styrene	NC	NC	ND		ND		ND		ND		ND
Dichlorodifluoromethane	NC	NC	ND		ND		ND		ND		ND
Acetone	100	0.05	ND		ND		ND		ND		ND
Carbon disulfide	NC	NC	ND		ND		ND		ND		ND
2-Butanone	100	0.12	ND		ND		ND		ND		ND
Vinyl acetate	NC	NC	ND		ND		ND		ND		ND
4-Methyl-2-pentanone	NC	NC	ND		ND		ND		ND		ND
1,2,3-Trichloropropane	NC	NC	ND		ND		ND		ND		ND
2-Hexanone	NC	NC	ND		ND		ND		ND		ND
Bromochloromethane	NC	NC	ND		ND		ND		ND		ND
2,2-Dichloropropane	NC	NC	ND		ND		ND		ND		ND
1,2-Dibromoethane	NC	NC	ND		ND		ND		ND		ND
1,3-Dichloropropane	NC	NC	ND		ND		ND		ND		ND
1,1,1,2-Tetrachloroethane	NC	NC	ND		ND		ND		ND		ND
Bromobenzene	NC	NC	ND		ND		ND		ND		ND
n-Butylbenzene	100	12	ND		ND		ND		ND		ND
sec-Butylbenzene	100	11	ND		ND		ND		ND		ND
tert-Butylbenzene	100	5.9	ND		ND		ND		ND		ND
o-Chlorotoluene	NC	NC	ND		ND		ND		ND		ND
p-Chlorotoluene	NC	NC	ND		ND		ND		ND		ND
1,2-Dibromo-3-chloropropane	NC	NC	ND		ND		ND		ND		ND
Hexachlorobutadiene	NC	NC	ND		ND		ND		ND		ND
Isopropylbenzene	NC	NC	ND		ND		ND		ND		ND
p-Isopropyltoluene	NC	NC	ND		ND		ND		ND		ND
Naphthalene	100	12	ND		ND		ND		ND		ND
Acrylonitrile	NC	NC	ND		ND		ND		ND		ND
n-Propylbenzene	100	3.9	ND		ND		ND		ND		ND
1,2,3-Trichlorobenzene	NC	NC	ND		ND		ND		ND		ND
1,2,4-Trichlorobenzene	NC	NC	ND		ND		ND		ND		ND
1,3,5-Trimethylbenzene	52	8.4	ND		ND		ND		ND		ND

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-8 (8-9)	S-9 (4-5)	S-10 (6-7)	S-11 (2-3)	S-12 (3)					
SAMPLING DATE		10/22/2020	10/22/2020	10/22/2020	10/22/2020	11/18/20					
LAB SAMPLE ID		L2046080-08	L2046080-09	L2046080-10	L2046080-11	L205131					
SAMPLE TYPE		SOIL	SOIL	SOIL	SOIL	SOIL					
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result
Volatile Organics By GC/MS - (mg/kg)											
1,2,4-Trimethylbenzene	52	3.6	ND		ND		ND		ND		ND
1,4-Dioxane	13	0.1	ND		ND		ND		ND		ND
p-Diethylbenzene	NC	NC	ND		ND		ND		ND		ND
p-Ethyltoluene	NC	NC	ND		ND		ND		ND		ND
1,2,4,5-Tetramethylbenzene	NC	NC	ND		ND		ND		ND		ND
Ethyl ether	NC	NC	ND		ND		ND		ND		ND
trans-1,4-Dichloro-2-butene	NC	NC	ND		ND		ND		ND		ND
Total VOCs	NC	NC	-	-			-	-	-	-	-

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

	LOCATION -4)			S-13 (5-6)		S-14 (4-5)	
	SAMPLING DATE 020			11/18/2020		11/18/2020	
	LAB SAMPLE ID 2-01			L2051312-02		L2051312-03	
	SAMPLE TYPE			SOIL		SOIL	
	RRSCO	USCO	Q	Result	Q	Result	Q
Volatile Organics By GC/MS - (mg/kg)							
Methylene chloride	100	0.05		ND		ND	
1,1-Dichloroethane	26	0.27		ND		ND	
Chloroform	49	0.37		ND		ND	
Carbon tetrachloride	2.4	0.76		ND		ND	
1,2-Dichloropropane	NC	NC		ND		ND	
Dibromochloromethane	NC	NC		ND		ND	
1,1,2-Trichloroethane	NC	NC		ND		ND	
Tetrachloroethene	19	1.3		ND		ND	
Chlorobenzene	100	1.1		ND		ND	
Trichlorofluoromethane	NC	NC		ND		ND	
1,2-Dichloroethane	3.1	0.02		ND		ND	
1,1,1-Trichloroethane	100	0.68		ND		ND	
Bromodichloromethane	NC	NC		ND		ND	
trans-1,3-Dichloropropene	NC	NC		ND		ND	
cis-1,3-Dichloropropene	NC	NC		ND		ND	
1,3-Dichloropropene, Total	NC	NC		ND		ND	
1,1-Dichloropropene	NC	NC		ND		ND	
Bromoform	NC	NC		ND		ND	
1,1,2,2-Tetrachloroethane	NC	NC		ND		ND	
Benzene	4.8	0.06		ND		ND	
Toluene	100	0.7		ND		ND	
Ethylbenzene	41	1		ND		ND	
Chloromethane	NC	NC		ND		ND	
Bromomethane	NC	NC		ND		ND	
Vinyl chloride	0.9	0.02		ND		ND	
Chloroethane	NC	NC		ND		ND	
1,1-Dichloroethene	100	0.33		ND		ND	
trans-1,2-Dichloroethene	100	0.19		ND		ND	
Trichloroethene	21	0.47		ND		ND	
1,2-Dichlorobenzene	100	1.1		ND		ND	
1,3-Dichlorobenzene	49	2.4		ND		ND	
1,4-Dichlorobenzene	13	1.8		ND		ND	
Methyl tert butyl ether	100	0.93		ND		ND	
p/m-Xylene	NC	NC		ND		ND	
o-Xylene	NC	NC		ND		ND	
Xylenes, Total	100	0.26		ND		ND	
cis-1,2-Dichloroethene	100	0.25		ND		ND	
1,2-Dichloroethene, Total	NC	NC		ND		ND	
Dibromomethane	NC	NC		ND		ND	
Styrene	NC	NC		ND		ND	
Dichlorodifluoromethane	NC	NC		ND		ND	
Acetone	100	0.05		ND		ND	
Carbon disulfide	NC	NC		ND		ND	
2-Butanone	100	0.12		ND		ND	
Vinyl acetate	NC	NC		ND		ND	
4-Methyl-2-pentanone	NC	NC		ND		ND	
1,2,3-Trichloropropane	NC	NC		ND		ND	
2-Hexanone	NC	NC		ND		ND	
Bromochloromethane	NC	NC		ND		ND	
2,2-Dichloropropane	NC	NC		ND		ND	
1,2-Dibromoethane	NC	NC		ND		ND	
1,3-Dichloropropane	NC	NC		ND		ND	
1,1,1,2-Tetrachloroethane	NC	NC		ND		ND	
Bromobenzene	NC	NC		ND		ND	
n-Butylbenzene	100	12		ND		ND	
sec-Butylbenzene	100	11		ND		ND	
tert-Butylbenzene	100	5.9		ND		ND	
o-Chlorotoluene	NC	NC		ND		ND	
p-Chlorotoluene	NC	NC		ND		ND	
1,2-Dibromo-3-chloropropane	NC	NC		ND		ND	
Hexachlorobutadiene	NC	NC		ND		ND	
Isopropylbenzene	NC	NC		ND		ND	
p-Isopropyltoluene	NC	NC		ND		ND	
Naphthalene	100	12		ND		ND	
Acrylonitrile	NC	NC		ND		ND	
n-Propylbenzene	100	3.9		ND		ND	
1,2,3-Trichlorobenzene	NC	NC		ND		ND	
1,2,4-Trichlorobenzene	NC	NC		ND		ND	
1,3,5-Trimethylbenzene	52	8.4		ND		ND	

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION				S-13 (5-6)		S-14 (4-5)	
SAMPLING DATE				11/18/2020		11/18/2020	
LAB SAMPLE ID				L2051312-02		L2051312-03	
SAMPLE TYPE				SOIL		SOIL	
	RRSCO	USCO	Q	Result	Q	Result	Q
Volatile Organics By GC/MS - (mg/kg)							
1,2,4-Trimethylbenzene	52	3.6		ND		ND	
1,4-Dioxane	13	0.1		ND		ND	
p-Diethylbenzene	NC	NC		ND		ND	
p-Ethyltoluene	NC	NC		ND		ND	
1,2,4,5-Tetramethylbenzene	NC	NC		ND		ND	
Ethyl ether	NC	NC		ND		ND	
trans-1,4-Dichloro-2-butene	NC	NC		ND		ND	
Total VOCs	NC	NC	-	-	-	-	-

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but not detected

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-15 (5-6)	S-16 (4-5)	S-17 (2-3)	S-18 (3-4)	S-19 (2-3)					
SAMPLING DATE		11/18/2020	11/18/2020	11/18/2020	11/18/2020	11/19/2020					
LAB SAMPLE ID		L2051312-04	L2051312-05	L2051312-06	L2051312-07	L205174					
SAMPLE TYPE		SOIL		SOIL		SOIL					
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result
Volatile Organics By GC/MS - (mg/kg)											
Methylene chloride	100	0.05	ND		ND		ND		ND		ND
1,1-Dichloroethane	26	0.27	ND		ND		ND		ND		ND
Chloroform	49	0.37	ND		ND		ND		ND		ND
Carbon tetrachloride	2.4	0.76	ND		ND		ND		ND		ND
1,2-Dichloropropane	NC	NC	ND		ND		ND		ND		ND
Dibromochloromethane	NC	NC	ND		ND		ND		ND		ND
1,1,2-Trichloroethane	NC	NC	ND		ND		ND		ND		ND
Tetrachloroethene	19	1.3	ND		ND		ND		ND		ND
Chlorobenzene	100	1.1	ND		ND		ND		ND		ND
Trichlorofluoromethane	NC	NC	ND		ND		ND		ND		ND
1,2-Dichloroethane	3.1	0.02	ND		ND		ND		ND		ND
1,1,1-Trichloroethane	100	0.68	ND		ND		ND		ND		ND
Bromodichloromethane	NC	NC	ND		ND		ND		ND		ND
trans-1,3-Dichloropropene	NC	NC	ND		ND		ND		ND		ND
cis-1,3-Dichloropropene	NC	NC	ND		ND		ND		ND		ND
1,3-Dichloropropene, Total	NC	NC	ND		ND		ND		ND		ND
1,1-Dichloropropene	NC	NC	ND		ND		ND		ND		ND
Bromoform	NC	NC	ND		ND		ND		ND		ND
1,1,2,2-Tetrachloroethane	NC	NC	ND		ND		ND		ND		ND
Benzene	4.8	0.06	ND		ND		ND		ND		ND
Toluene	100	0.7	ND		ND		ND		ND		ND
Ethylbenzene	41	1	ND		ND		ND		ND		ND
Chloromethane	NC	NC	ND		ND		ND		ND		ND
Bromomethane	NC	NC	ND		ND		ND		ND		ND
Vinyl chloride	0.9	0.02	ND		ND		ND		ND		ND
Chloroethane	NC	NC	ND		ND		ND		ND		ND
1,1-Dichloroethene	100	0.33	ND		ND		ND		ND		ND
trans-1,2-Dichloroethene	100	0.19	ND		ND		ND		ND		ND
Trichloroethene	21	0.47	ND		ND		ND		ND		ND
1,2-Dichlorobenzene	100	1.1	ND		ND		ND		ND		ND
1,3-Dichlorobenzene	49	2.4	ND		ND		ND		ND		ND
1,4-Dichlorobenzene	13	1.8	ND		ND		ND		ND		ND
Methyl tert butyl ether	100	0.93	ND		ND		ND		ND		ND
p/m-Xylene	NC	NC	ND		ND		ND		ND		ND
o-Xylene	NC	NC	ND		ND		ND		ND		ND
Xylenes, Total	100	0.26	ND		ND		ND		ND		ND
cis-1,2-Dichloroethene	100	0.25	ND		ND		ND		ND		ND
1,2-Dichloroethene, Total	NC	NC	ND		ND		ND		ND		ND
Dibromomethane	NC	NC	ND		ND		ND		ND		ND
Styrene	NC	NC	ND		ND		ND		ND		ND
Dichlorodifluoromethane	NC	NC	ND		ND		ND		ND		ND
Acetone	100	0.05	ND		ND		ND		ND		ND
Carbon disulfide	NC	NC	ND		ND		ND		ND		ND
2-Butanone	100	0.12	ND		ND		ND		ND		ND
Vinyl acetate	NC	NC	ND		ND		ND		ND		ND
4-Methyl-2-pentanone	NC	NC	ND		ND		ND		ND		ND
1,2,3-Trichloropropane	NC	NC	ND		ND		ND		ND		ND
2-Hexanone	NC	NC	ND		ND		ND		ND		ND
Bromochloromethane	NC	NC	ND		ND		ND		ND		ND
2,2-Dichloropropane	NC	NC	ND		ND		ND		ND		ND
1,2-Dibromoethane	NC	NC	ND		ND		ND		ND		ND
1,3-Dichloropropane	NC	NC	ND		ND		ND		ND		ND
1,1,1,2-Tetrachloroethane	NC	NC	ND		ND		ND		ND		ND
Bromobenzene	NC	NC	ND		ND		ND		ND		ND
n-Butylbenzene	100	12	ND		ND		ND		ND		ND
sec-Butylbenzene	100	11	ND		ND		ND		ND		ND
tert-Butylbenzene	100	5.9	ND		ND		ND		ND		ND
o-Chlorotoluene	NC	NC	ND		ND		ND		ND		ND
p-Chlorotoluene	NC	NC	ND		ND		ND		ND		ND
1,2-Dibromo-3-chloropropane	NC	NC	ND		ND		ND		ND		ND
Hexachlorobutadiene	NC	NC	ND		ND		ND		ND		ND
Isopropylbenzene	NC	NC	ND		ND		ND		ND		ND
p-Isopropyltoluene	NC	NC	ND		ND		ND		ND		ND
Naphthalene	100	12	0.00066	J	ND		ND		ND		ND
Acrylonitrile	NC	NC	ND		ND		ND		ND		ND
n-Propylbenzene	100	3.9	ND		ND		ND		ND		ND
1,2,3-Trichlorobenzene	NC	NC	ND		ND		ND		ND		ND
1,2,4-Trichlorobenzene	NC	NC	ND		ND		ND		ND		ND
1,3,5-Trimethylbenzene	52	8.4	ND		ND		ND		ND		ND

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION			S-15 (5-6)		S-16 (4-5)		S-17 (2-3)		S-18 (3-4)		S-19 (2-3)
SAMPLING DATE			11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/19/2020
LAB SAMPLE ID			L2051312-04		L2051312-05		L2051312-06		L2051312-07		L205174
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result
Volatile Organics By GC/MS - (mg/kg)											
1,2,4-Trimethylbenzene	52	3.6	ND		ND		ND		ND		ND
1,4-Dioxane	13	0.1	ND		ND		ND		ND		ND
p-Diethylbenzene	NC	NC	ND		ND		ND		ND		ND
p-Ethyltoluene	NC	NC	ND		ND		ND		ND		ND
1,2,4,5-Tetramethylbenzene	NC	NC	ND		ND		ND		ND		ND
Ethyl ether	NC	NC	ND		ND		ND		ND		ND
trans-1,4-Dichloro-2-butene	NC	NC	ND		ND		ND		ND		ND
Total VOCs	NC	NC	0.00066	-	-	-	-	-	-	-	-

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

	LOCATION 2-3			S-20 (4-5)		S-21 (3-4)	
	SAMPLING DATE 020			11/19/2020		11/19/2020	
	LAB SAMPLE ID 0-01			L2051740-02		L2051740-03	
	SAMPLE TYPE			SOIL		SOIL	
	RRSCO	USCO	Q	Result	Q	Result	Q
Volatile Organics By GC/MS - (mg/kg)							
Methylene chloride	100	0.05		ND		ND	
1,1-Dichloroethane	26	0.27		ND		ND	
Chloroform	49	0.37		ND		ND	
Carbon tetrachloride	2.4	0.76		ND		ND	
1,2-Dichloropropane	NC	NC		ND		ND	
Dibromochloromethane	NC	NC		ND		ND	
1,1,2-Trichloroethane	NC	NC		ND		ND	
Tetrachloroethene	19	1.3		ND		ND	
Chlorobenzene	100	1.1		ND		ND	
Trichlorofluoromethane	NC	NC		ND		ND	
1,2-Dichloroethane	3.1	0.02		ND		ND	
1,1,1-Trichloroethane	100	0.68		ND		ND	
Bromodichloromethane	NC	NC		ND		ND	
trans-1,3-Dichloropropene	NC	NC		ND		ND	
cis-1,3-Dichloropropene	NC	NC		ND		ND	
1,3-Dichloropropene, Total	NC	NC		ND		ND	
1,1-Dichloropropene	NC	NC		ND		ND	
Bromoform	NC	NC		ND		ND	
1,1,2,2-Tetrachloroethane	NC	NC		ND		ND	
Benzene	4.8	0.06		ND		ND	
Toluene	100	0.7		ND		ND	
Ethylbenzene	41	1		ND		ND	
Chloromethane	NC	NC		ND		ND	
Bromomethane	NC	NC		ND		ND	
Vinyl chloride	0.9	0.02		ND		ND	
Chloroethane	NC	NC		ND		ND	
1,1-Dichloroethene	100	0.33		ND		ND	
trans-1,2-Dichloroethene	100	0.19		ND		ND	
Trichloroethene	21	0.47		ND		ND	
1,2-Dichlorobenzene	100	1.1		ND		ND	
1,3-Dichlorobenzene	49	2.4		ND		ND	
1,4-Dichlorobenzene	13	1.8		ND		ND	
Methyl tert butyl ether	100	0.93		ND		ND	
p/m-Xylene	NC	NC		ND		ND	
o-Xylene	NC	NC		ND		ND	
Xylenes, Total	100	0.26		ND		ND	
cis-1,2-Dichloroethene	100	0.25		ND		ND	
1,2-Dichloroethene, Total	NC	NC		ND		ND	
Dibromomethane	NC	NC		ND		ND	
Styrene	NC	NC		ND		ND	
Dichlorodifluoromethane	NC	NC		ND		ND	
Acetone	100	0.05		ND		ND	
Carbon disulfide	NC	NC		ND		ND	
2-Butanone	100	0.12		ND		ND	
Vinyl acetate	NC	NC		ND		ND	
4-Methyl-2-pentanone	NC	NC		ND		ND	
1,2,3-Trichloropropane	NC	NC		ND		ND	
2-Hexanone	NC	NC		ND		ND	
Bromochloromethane	NC	NC		ND		ND	
2,2-Dichloropropane	NC	NC		ND		ND	
1,2-Dibromoethane	NC	NC		ND		ND	
1,3-Dichloropropane	NC	NC		ND		ND	
1,1,1,2-Tetrachloroethane	NC	NC		ND		ND	
Bromobenzene	NC	NC		ND		ND	
n-Butylbenzene	100	12		ND		ND	
sec-Butylbenzene	100	11		ND		ND	
tert-Butylbenzene	100	5.9		ND		ND	
o-Chlorotoluene	NC	NC		ND		ND	
p-Chlorotoluene	NC	NC		ND		ND	
1,2-Dibromo-3-chloropropane	NC	NC		ND		ND	
Hexachlorobutadiene	NC	NC		ND		ND	
Isopropylbenzene	NC	NC		ND		ND	
p-Isopropyltoluene	NC	NC		ND		ND	
Naphthalene	100	12		ND		0.0026	J
Acrylonitrile	NC	NC		ND		ND	
n-Propylbenzene	100	3.9		ND		ND	
1,2,3-Trichlorobenzene	NC	NC		ND		ND	
1,2,4-Trichlorobenzene	NC	NC		ND		ND	
1,3,5-Trimethylbenzene	52	8.4		ND		ND	

Table 1
Soil Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION			S-3	S-20 (4-5)	S-21 (3-4)		
SAMPLING DATE			020	11/19/2020	11/19/2020		
LAB SAMPLE ID			0-01	L2051740-02	L2051740-03		
SAMPLE TYPE				SOIL	SOIL		
	RRSCO	USCO	Q	Result	Q	Result	Q
Volatile Organics By GC/MS - (mg/kg)							
1,2,4-Trimethylbenzene	52	3.6		ND		ND	
1,4-Dioxane	13	0.1		ND		ND	
p-Diethylbenzene	NC	NC		ND		ND	
p-Ethyltoluene	NC	NC		ND		ND	
1,2,4,5-Tetramethylbenzene	NC	NC		ND		ND	
Ethyl ether	NC	NC		ND		ND	
trans-1,4-Dichloro-2-butene	NC	NC		ND		ND	
Total VOCs	NC	NC	-	-	-	0.0026	-

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Table 2
Soil Sampling Analytical Results
Semivolatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

	LOCATION		S-1 (2-3)		S-2 (3-4)		S-3 (1-2)		S-4 (4-5)		S-5 (2-3)	
	SAMPLING DATE		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020	
LAB SAMPLE ID		L2046080-01		L2046080-02		L2046080-03		L2046080-04		L2046080-05		
SAMPLE TYPE		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semivolatile Organics By GC/MS - (mg/kg)												
Acenaphthene	100	20	0.019	J	0.043	J	ND		ND		ND	
1,2,4-Trichlorobenzene			ND		ND		ND		ND		ND	
Hexachlorobenzene	1.2	0.33	ND		ND		ND		ND		ND	
Bis(2-chloroethyl)ether			ND		ND		ND		ND		ND	
2-Chloronaphthalene			ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	100	1.1	ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	49	2.4	ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	13	1.8	ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine			ND		ND		ND		ND		ND	
2,4-Dinitrotoluene			ND		ND		ND		ND		ND	
2,6-Dinitrotoluene			ND		ND		ND		ND		ND	
Fluoranthene	100	100	1.1		1.4		0.38		0.64		0.34	
4-Chlorophenyl phenyl ether			ND		ND		ND		ND		ND	
4-Bromophenyl phenyl ether			ND		ND		ND		ND		ND	
Bis(2-chloroisopropyl)ether			ND		ND		ND		ND		ND	
Bis(2-chloroethoxy)methane			ND		ND		ND		ND		ND	
Hexachlorobutadiene			ND		ND		ND		ND		ND	
Hexachlorocyclopentadiene			ND		ND		ND		ND		ND	
Hexachloroethane			ND		ND		ND		ND		ND	
Isophorone			ND		ND		ND		ND		ND	
Naphthalene	100	12	0.027	J	0.058	J	ND		0.034	J	ND	
Nitrobenzene			ND		ND		ND		ND		ND	
NDPA/DPA			ND		ND		ND		ND		ND	
n-Nitrosodi-n-propylamine			ND		ND		ND		ND		ND	
Bis(2-ethylhexyl)phthalate			0.075	J	0.26		2		3.1		0.08	J
Butyl benzyl phthalate			0.23		0.92		ND		0.093	J	ND	
Di-n-butylphthalate			ND		ND		ND		ND		ND	
Di-n-octylphthalate			ND		ND		ND		ND		ND	
Diethyl phthalate			ND		ND		ND		ND		ND	
Dimethyl phthalate			ND		ND		ND		ND		ND	
Benzo(a)anthracene	1	1	0.82		1.4		0.33		0.44		0.25	
Benzo(a)pyrene	1	1	0.93		1.3		0.44		0.66		0.34	
Benzo(b)fluoranthene	1	1	1.1		1.4		0.49		0.72		0.4	
Benzo(k)fluoranthene	3.9	0.8	0.34		0.39		0.14		0.23		0.15	
Chrysene	3.9	1	0.9		1.6		0.35		0.52		0.29	
Acenaphthylene	100	100	0.12	J	0.13	J	0.038	J	0.11	J	0.074	J
Anthracene	100	100	0.16		0.23		0.039	J	0.097	J	0.05	J
Benzo(ghi)perylene	100	100	0.54		0.73		0.28		0.42		0.22	
Fluorene	100	30	0.02	J	0.058	J	ND		0.03	J	ND	

Table 2
Soil Sampling Analytical Results
Semivolatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-1 (2-3)		S-2 (3-4)		S-3 (1-2)		S-4 (4-5)		S-5 (2-3)		
SAMPLING DATE	10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		
LAB SAMPLE ID	L2046080-01		L2046080-02		L2046080-03		L2046080-04		L2046080-05		
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	
Semivolatile Organics By GC/MS - (mg/kg)											
Phenanthrene	100	100	0.58		0.98		0.16		0.4		0.12
Dibenzo(a,h)anthracene	0.33	0.33	0.14		0.2		0.068	J	0.1	J	0.057
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.54		0.64		0.27		0.41		0.22
Pyrene	100	100	1.3		2.1		0.45		0.68		0.38
Biphenyl			ND		ND		ND		ND		ND
4-Chloroaniline			ND		ND		ND		ND		ND
2-Nitroaniline			ND		ND		ND		ND		ND
3-Nitroaniline			ND		ND		ND		ND		ND
4-Nitroaniline			ND		ND		ND		ND		ND
Dibenzofuran	59	7	ND		0.037	J	ND		0.02	J	ND
2-Methylnaphthalene			ND		0.038	J	ND		ND		ND
1,2,4,5-Tetrachlorobenzene			ND		ND		ND		ND		ND
Acetophenone			ND		ND		ND		ND		ND
2,4,6-Trichlorophenol			ND		ND		ND		ND		ND
p-Chloro-m-cresol			ND		ND		ND		ND		ND
2-Chlorophenol			ND		ND		ND		ND		ND
2,4-Dichlorophenol			ND		ND		ND		ND		ND
2,4-Dimethylphenol			ND		ND		ND		ND		ND
2-Nitrophenol			ND		ND		ND		ND		ND
4-Nitrophenol			ND		ND		ND		ND		ND
2,4-Dinitrophenol			ND		ND		ND		ND		ND
4,6-Dinitro-o-cresol			ND		ND		ND		ND		ND
Pentachlorophenol	6.7	0.8	ND		ND		ND		ND		ND
Phenol	100	0.33	ND		ND		ND		ND		ND
2-Methylphenol	100	0.33	ND		0.049	J	ND		ND		ND
3-Methylphenol/4-Methylphenol	100	0.33	ND		ND		ND		ND		ND
2,4,5-Trichlorophenol			ND		ND		ND		ND		ND
Benzoic Acid			ND		ND		ND		ND		ND
Benzyl Alcohol			ND		ND		ND		ND		ND
Carbazole			0.058	J	0.067	J	0.025	J	0.05	J	ND
1,4-Dioxane	13	0.1	ND		ND		ND		ND		ND
Total SVOCs			8.999	-	14.03	-	5.46	-	8.754	-	2.971

Notes:
RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria
USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria
NC - No Criteria
mg/kg - milligrams per kilogram
Q - Laboratory Qualifier
E - Concentration exceeds the range of the calibration curve for the laboratory instrument

Table 2
 Soil Sampling Analytical Results
 Semivolatile Organic Compounds
 327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-1 (2-3)		S-2 (3-4)		S-3 (1-2)		S-4 (4-5)		S-5 (2-3)		
SAMPLING DATE		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		
LAB SAMPLE ID		L2046080-01		L2046080-02		L2046080-03		L2046080-04		L2046080-05		
SAMPLE TYPE		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semivolatile Organics By GC/MS - (mg/kg)												

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Yellow Highlight - Exceeds USCO

Red Highlight - Exceeds RRSCO

Table 2
Soil Sampling Analytical Results
Semivolatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-6 (5-6)		S-7 (5-6)		S-8 (8-9)		S-9 (4-5)		S-10 (6-7)		S-11 (2-3)			
SAMPLING DATE	10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020			
LAB SAMPLE ID	L2046080-06		L2046080-07		L2046080-08		L2046080-09		L2046080-10		L2046080-11			
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL			
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
Semivolatile Organics By GC/MS - (mg/kg)														
Acenaphthene	100	20	ND		ND		ND		0.099	J	0.033	J	ND	
1,2,4-Trichlorobenzene			ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	1.2	0.33	ND		ND		ND		ND		ND		ND	
Bis(2-chloroethyl)ether			ND		ND		ND		ND		ND		ND	
2-Chloronaphthalene			ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	100	1.1	ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	49	2.4	ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	13	1.8	ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine			ND		ND		ND		ND		ND		ND	
2,4-Dinitrotoluene			ND		ND		ND		ND		ND		ND	
2,6-Dinitrotoluene			ND		ND		ND		ND		ND		ND	
Fluoranthene	100	100	0.52		0.53		ND		4.1		0.56		1.4	
4-Chlorophenyl phenyl ether			ND		ND		ND		ND		ND		ND	
4-Bromophenyl phenyl ether			ND		ND		ND		ND		ND		ND	
Bis(2-chloroisopropyl)ether			ND		ND		ND		ND		ND		ND	
Bis(2-chloroethoxy)methane			ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene			ND		ND		ND		ND		ND		ND	
Hexachlorocyclopentadiene			ND		ND		ND		ND		ND		ND	
Hexachloroethane			ND		ND		ND		ND		ND		ND	
Isophorone			ND		ND		ND		ND		ND		ND	
Naphthalene	100	12	ND		ND		ND		0.26		ND		0.034	J
Nitrobenzene			ND		ND		ND		ND		ND		ND	
NDPA/DPA			ND		ND		ND		ND		ND		ND	
n-Nitrosodi-n-propylamine			ND		ND		ND		ND		ND		ND	
Bis(2-ethylhexyl)phthalate			ND		ND		ND		0.069	J	ND		ND	
Butyl benzyl phthalate			ND		ND		ND		ND		ND		0.18	J
Di-n-butylphthalate			ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate			ND		ND		ND		ND		ND		ND	
Diethyl phthalate			ND		ND		ND		ND		ND		ND	
Dimethyl phthalate			ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	1	1	0.22		0.26		ND		2.3		0.48		0.9	
Benzo(a)pyrene	1	1	0.2		0.23		ND		2.4		0.4		1	
Benzo(b)fluoranthene	1	1	0.21		0.24		ND		2.9		0.39		1.2	
Benzo(k)fluoranthene	3.9	0.8	0.082	J	0.078	J	ND		1		0.1	J	0.4	
Chrysene	3.9	1	0.25		0.27		ND		2.2		0.61		1	
Acenaphthylene	100	100	0.032	J	0.038	J	ND		0.2		ND		0.18	
Anthracene	100	100	0.049	J	0.06	J	ND		0.77		0.059	J	0.16	
Benzo(ghi)perylene	100	100	0.091	J	0.11	J	ND		1.2		0.21		0.59	
Fluorene	100	30	0.026	J	0.03	J	ND		0.17	J	0.022	J	0.031	J

Table 2
Soil Sampling Analytical Results
Semivolatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-6 (5-6)		S-7 (5-6)		S-8 (8-9)		S-9 (4-5)		S-10 (6-7)		S-11 (2-3)		
SAMPLING DATE	10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		
LAB SAMPLE ID	L2046080-06		L2046080-07		L2046080-08		L2046080-09		L2046080-10		L2046080-11		
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Semivolatile Organics By GC/MS - (mg/kg)													
Phenanthrene	100	100	0.35		0.48		ND		1.7		0.72		0.52
Dibenzo(a,h)anthracene	0.33	0.33	0.028	J	0.033	J	ND		0.35		0.059	J	0.16
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.098	J	0.11	J	ND		1.4		0.16		0.6
Pyrene	100	100	0.48		0.53		0.038	J	3.7		0.99		1.5
Biphenyl			ND		ND		ND		ND		ND		ND
4-Chloroaniline			ND		ND		ND		ND		ND		ND
2-Nitroaniline			ND		ND		ND		ND		ND		ND
3-Nitroaniline			ND		ND		ND		ND		ND		ND
4-Nitroaniline			ND		ND		ND		ND		ND		ND
Dibenzofuran	59	7	ND		0.026	J	ND		0.14	J	ND		ND
2-Methylnaphthalene			ND		ND		ND		0.094	J	ND		ND
1,2,4,5-Tetrachlorobenzene			ND		ND		ND		ND		ND		ND
Acetophenone			ND		ND		ND		ND		ND		ND
2,4,6-Trichlorophenol			ND		ND		ND		ND		ND		ND
p-Chloro-m-cresol			ND		ND		ND		ND		ND		ND
2-Chlorophenol			ND		ND		ND		ND		ND		ND
2,4-Dichlorophenol			ND		ND		ND		ND		ND		ND
2,4-Dimethylphenol			ND		ND		ND		ND		ND		ND
2-Nitrophenol			ND		ND		ND		ND		ND		ND
4-Nitrophenol			ND		ND		ND		ND		ND		ND
2,4-Dinitrophenol			ND		ND		ND		ND		ND		ND
4,6-Dinitro-o-cresol			ND		ND		ND		ND		ND		ND
Pentachlorophenol	6.7	0.8	ND		ND		ND		ND		ND		ND
Phenol	100	0.33	ND		ND		ND		ND		ND		ND
2-Methylphenol	100	0.33	ND		ND		ND		ND		ND		ND
3-Methylphenol/4-Methylphenol	100	0.33	ND		ND		ND		ND		ND		ND
2,4,5-Trichlorophenol			ND		ND		ND		ND		ND		ND
Benzoic Acid			ND		ND		ND		ND		ND		ND
Benzyl Alcohol			ND		ND		ND		ND		ND		ND
Carbazole			0.025	J	0.036	J	ND		0.16	J	ND		0.052
1,4-Dioxane	13	0.1	ND		ND		ND		ND		ND		ND
Total SVOCs			2.661	-	3.061	-	0.038	-	25.212	-	4.793	-	9.907

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

E - Concentration exceeds the range of the calibration curve for the laboratory instrument

Table 2
 Soil Sampling Analytical Results
 Semivolatile Organic Compounds
 327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-6 (5-6)		S-7 (5-6)		S-8 (8-9)		S-9 (4-5)		S-10 (6-7)		S-11 (2-3)		
SAMPLING DATE		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		
LAB SAMPLE ID		L2046080-06		L2046080-07		L2046080-08		L2046080-09		L2046080-10		L2046080-11		
SAMPLE TYPE		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semivolatile Organics By GC/MS - (mg/kg)														

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Yellow Highlight - Exceeds USCO

Red Highlight - Exceeds RRSCO

Table 2
Soil Sampling Analytical Results
Semivolatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

	LOCATION		S-12 (3-4)		S-13 (5-6)		S-13 (5-6)		S-14 (4-5)		S-15 (5-6)		S-15 (5-6)	
	SAMPLING DATE		11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020	
LAB SAMPLE ID			L2051312-01		L2051312-02		L2051312-02 R1		L2051312-03		L2051312-04		L2051312-04 R1	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semivolatile Organics By GC/MS - (mg/kg)														
Acenaphthene	100	20	0.032	J	2.3		-		ND		0.27		-	
1,2,4-Trichlorobenzene			ND		ND		-		ND		ND		-	
Hexachlorobenzene	1.2	0.33	ND		ND		-		ND		ND		-	
Bis(2-chloroethyl)ether			ND		ND		-		ND		ND		-	
2-Chloronaphthalene			ND		ND		-		ND		ND		-	
1,2-Dichlorobenzene	100	1.1	ND		ND		-		ND		ND		-	
1,3-Dichlorobenzene	49	2.4	ND		ND		-		ND		ND		-	
1,4-Dichlorobenzene	13	1.8	ND		ND		-		ND		ND		-	
3,3'-Dichlorobenzidine			ND		ND		-		ND		ND		-	
2,4-Dinitrotoluene			ND		ND		-		ND		ND		-	
2,6-Dinitrotoluene			ND		ND		-		ND		ND		-	
Fluoranthene	100	100	4		46	E	67		0.26		9.8	E	12	
4-Chlorophenyl phenyl ether			ND		ND		-		ND		ND		-	
4-Bromophenyl phenyl ether			ND		ND		-		ND		ND		-	
Bis(2-chloroisopropyl)ether			ND		ND		-		ND		ND		-	
Bis(2-chloroethoxy)methane			ND		ND		-		ND		ND		-	
Hexachlorobutadiene			ND		ND		-		ND		ND		-	
Hexachlorocyclopentadiene			ND		ND		-		ND		ND		-	
Hexachloroethane			ND		ND		-		ND		ND		-	
Isophorone			ND		ND		-		ND		ND		-	
Naphthalene	100	12	0.12	J	4		-		ND		0.21		-	
Nitrobenzene			ND		ND		-		ND		ND		-	
NDPA/DPA			ND		ND		-		ND		ND		-	
n-Nitrosodi-n-propylamine			ND		ND		-		ND		ND		-	
Bis(2-ethylhexyl)phthalate			0.11	J	1.5		-		ND		10	E	9.7	
Butyl benzyl phthalate			ND		ND		-		ND		3.7		-	
Di-n-butylphthalate			ND		ND		-		ND		ND		-	
Di-n-octylphthalate			ND		ND		-		ND		ND		-	
Diethyl phthalate			ND		ND		-		ND		ND		-	
Dimethyl phthalate			ND		ND		-		ND		ND		-	
Benzo(a)anthracene	1	1	2.1		30		-		0.14		6.2		-	
Benzo(a)pyrene	1	1	2.5		24		-		0.16		7		-	
Benzo(b)fluoranthene	1	1	2.9		28		-		0.19		8	E	7.6	
Benzo(k)fluoranthene	3.9	0.8	0.93		9.6		-		0.068	J	2.8		-	
Chrysene	3.9	1	2.5		26		-		0.16		6.6		-	
Acenaphthylene	100	100	0.63		6.8		-		0.037	J	0.8		-	
Anthracene	100	100	0.46		12		-		ND		1.2		-	
Benzo(ghi)perylene	100	100	1.4		14		-		0.097	J	3.6		-	
Fluorene	100	30	0.074	J	7		-		ND		0.29		-	

Table 2
Soil Sampling Analytical Results
Semivolatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-12 (3-4)		S-13 (5-6)		S-13 (5-6)		S-14 (4-5)		S-15 (5-6)		S-15 (5-6)	
SAMPLING DATE	11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020	
LAB SAMPLE ID	L2051312-01		L2051312-02		L2051312-02 R1		L2051312-03		L2051312-04		L2051312-04 R1	
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semivolatile Organics By GC/MS - (mg/kg)												
Phenanthrene	100	100	2.4		47	E	66		0.14		6	-
Dibenzo(a,h)anthracene	0.33	0.33	0.37		4.1		-		0.024	J	1	-
Indeno(1,2,3-cd)pyrene	0.5	0.5	1.4		14		-		0.099	J	3.9	-
Pyrene	100	100	4		44	E	63		0.25		10	E
Biphenyl			ND		0.75	J	-		ND		0.042	J
4-Chloroaniline			ND		ND		-		ND		ND	-
2-Nitroaniline			ND		ND		-		ND		ND	-
3-Nitroaniline			ND		ND		-		ND		ND	-
4-Nitroaniline			ND		ND		-		ND		ND	-
Dibenzofuran	59	7	0.14	J	4		-		ND		0.2	-
2-Methylnaphthalene			0.038	J	1.8		-		ND		0.14	J
1,2,4,5-Tetrachlorobenzene			ND		ND		-		ND		ND	-
Acetophenone			ND		ND		-		ND		ND	-
2,4,6-Trichlorophenol			ND		ND		-		ND		ND	-
p-Chloro-m-cresol			ND		ND		-		ND		ND	-
2-Chlorophenol			ND		ND		-		ND		ND	-
2,4-Dichlorophenol			ND		ND		-		ND		ND	-
2,4-Dimethylphenol			ND		ND		-		ND		ND	-
2-Nitrophenol			ND		ND		-		ND		ND	-
4-Nitrophenol			ND		ND		-		ND		ND	-
2,4-Dinitrophenol			ND		ND		-		ND		ND	-
4,6-Dinitro-o-cresol			ND		ND		-		ND		ND	-
Pentachlorophenol	6.7	0.8	ND		ND		-		ND		ND	-
Phenol	100	0.33	ND		0.28	J	-		ND		ND	-
2-Methylphenol	100	0.33	ND		ND		-		ND		ND	-
3-Methylphenol/4-Methylphenol	100	0.33	0.031	J	0.47	J	-		ND		0.033	J
2,4,5-Trichlorophenol			ND		ND		-		ND		ND	-
Benzoic Acid			ND		ND		-		ND		ND	-
Benzyl Alcohol			ND		ND		-		ND		ND	-
Carbazole			0.18		5.6		-		0.017	J	0.58	-
1,4-Dioxane	13	0.1	ND		ND		-		ND		ND	-
Total SVOCs			26.315	-	333.2	-	196	-	1.642	-	82.365	-

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

E - Concentration exceeds the range of the calibration curve for the laboratory instrument

Table 2
 Soil Sampling Analytical Results
 Semivolatile Organic Compounds
 327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-12 (3-4)		S-13 (5-6)		S-13 (5-6)		S-14 (4-5)		S-15 (5-6)		S-15 (5-6)		
SAMPLING DATE		11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020		
LAB SAMPLE ID		L2051312-01		L2051312-02		L2051312-02 R1		L2051312-03		L2051312-04		L2051312-04 R1		
SAMPLE TYPE		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semivolatile Organics By GC/MS - (mg/kg)														

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Yellow Highlight - Exceeds USCO

Red Highlight - Exceeds RRSCO

Table 2
Soil Sampling Analytical Results
Semivolatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-16 (4-5)		S-17 (2-3)		S-18 (3-4)		S-19 (2-3)		S-20 (4-5)		S-21 (3-4)			
SAMPLING DATE	11/18/2020		11/18/2020		11/18/2020		11/19/2020		11/19/2020		11/19/2020			
LAB SAMPLE ID	L2051312-05		L2051312-06		L2051312-07		L2051740-01		L2051740-02		L2051740-03			
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL			
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
Semivolatile Organics By GC/MS - (mg/kg)														
Acenaphthene	100	20	ND		ND		ND		ND		0.045	J	0.02	J
1,2,4-Trichlorobenzene			ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	1.2	0.33	ND		ND		ND		ND		ND		ND	
Bis(2-chloroethyl)ether			ND		ND		ND		ND		ND		ND	
2-Chloronaphthalene			ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	100	1.1	ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	49	2.4	ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	13	1.8	ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine			ND		ND		ND		ND		ND		ND	
2,4-Dinitrotoluene			ND		ND		ND		ND		ND		ND	
2,6-Dinitrotoluene			ND		ND		ND		ND		ND		ND	
Fluoranthene	100	100	0.44		1.4		1.5		0.64		1.8		1.5	
4-Chlorophenyl phenyl ether			ND		ND		ND		ND		ND		ND	
4-Bromophenyl phenyl ether			ND		ND		ND		ND		ND		ND	
Bis(2-chloroisopropyl)ether			ND		ND		ND		ND		ND		ND	
Bis(2-chloroethoxy)methane			ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene			ND		ND		ND		ND		ND		ND	
Hexachlorocyclopentadiene			ND		ND		ND		ND		ND		ND	
Hexachloroethane			ND		ND		ND		ND		ND		ND	
Isophorone			ND		ND		ND		ND		ND		ND	
Naphthalene	100	12	ND		ND		0.03	J	ND		0.091	J	0.043	J
Nitrobenzene			ND		ND		ND		ND		ND		ND	
NDPA/DPA			ND		ND		ND		ND		ND		ND	
n-Nitrosodi-n-propylamine			ND		ND		ND		ND		ND		ND	
Bis(2-ethylhexyl)phthalate			0.22		ND		0.29		ND		0.4		0.092	J
Butyl benzyl phthalate			0.13	J	0.31	J	3.6		ND		ND		ND	
Di-n-butylphthalate			ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate			ND		ND		ND		ND		ND		ND	
Diethyl phthalate			ND		ND		ND		ND		ND		ND	
Dimethyl phthalate			ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	1	1	0.38		0.84		1.5		0.51		1		1.2	
Benzo(a)pyrene	1	1	0.58		0.86		1.2		0.45		0.94		1.2	
Benzo(b)fluoranthene	1	1	0.6		0.95		1.5		0.53		1.1		1.3	
Benzo(k)fluoranthene	3.9	0.8	0.18		0.41	J	0.52		0.14		0.37		0.42	
Chrysene	3.9	1	0.44		0.78		1.8		0.63		1.2		1.5	
Acenaphthylene	100	100	0.04	J	ND		0.18		0.071	J	0.32		0.19	
Anthracene	100	100	0.047	J	ND		0.19		0.06	J	0.25		0.15	
Benzo(ghi)perylene	100	100	0.35		0.64	J	0.83		0.29		0.65		0.71	
Fluorene	100	30	ND		ND		0.036	J	ND		0.085	J	0.038	J

Table 2
Soil Sampling Analytical Results
Semivolatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-16 (4-5)		S-17 (2-3)		S-18 (3-4)		S-19 (2-3)		S-20 (4-5)		S-21 (3-4)			
SAMPLING DATE	11/18/2020		11/18/2020		11/18/2020		11/19/2020		11/19/2020		11/19/2020			
LAB SAMPLE ID	L2051312-05		L2051312-06		L2051312-07		L2051740-01		L2051740-02		L2051740-03			
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL			
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
Semivolatile Organics By GC/MS - (mg/kg)														
Phenanthrene	100	100	0.18		0.63		0.62		0.37		1.3	0.93		
Dibenzo(a,h)anthracene	0.33	0.33	0.084	J	0.13	J	0.24		0.073	J	0.15	0.18		
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.33		0.58	J	0.75		0.24		0.6	0.63		
Pyrene	100	100	0.57		1.5		2.2		0.97		2	2.1		
Biphenyl			ND		ND		ND		ND		ND	ND		
4-Chloroaniline			ND		ND		ND		ND		ND	ND		
2-Nitroaniline			ND		ND		ND		ND		ND	ND		
3-Nitroaniline			ND		ND		ND		ND		ND	ND		
4-Nitroaniline			ND		ND		ND		ND		ND	ND		
Dibenzofuran	59	7	ND		ND		ND		ND		0.051	J	0.024	J
2-Methylnaphthalene			ND		ND		ND		ND		0.044	J	ND	
1,2,4,5-Tetrachlorobenzene			ND		ND		ND		ND		ND	ND		
Acetophenone			ND		ND		ND		ND		ND	ND		
2,4,6-Trichlorophenol			ND		ND		ND		ND		ND	ND		
p-Chloro-m-cresol			ND		ND		ND		ND		ND	ND		
2-Chlorophenol			ND		ND		ND		ND		ND	ND		
2,4-Dichlorophenol			ND		ND		ND		ND		ND	ND		
2,4-Dimethylphenol			ND		ND		ND		ND		ND	ND		
2-Nitrophenol			ND		ND		ND		ND		ND	ND		
4-Nitrophenol			ND		ND		ND		ND		ND	ND		
2,4-Dinitrophenol			ND		ND		ND		ND		ND	ND		
4,6-Dinitro-o-cresol			ND		ND		ND		ND		ND	ND		
Pentachlorophenol	6.7	0.8	ND		ND		ND		ND		ND	ND		
Phenol	100	0.33	ND		ND		ND		ND		ND	ND		
2-Methylphenol	100	0.33	ND		ND		ND		ND		ND	ND		
3-Methylphenol/4-Methylphenol	100	0.33	ND		ND		ND		ND		ND	ND		
2,4,5-Trichlorophenol			ND		ND		ND		ND		ND	ND		
Benzoic Acid			ND		ND		ND		ND		ND	ND		
Benzyl Alcohol			ND		ND		ND		ND		ND	ND		
Carbazole			0.03	J	ND		0.053	J	0.025	J	0.12	J	0.075	J
1,4-Dioxane	13	0.1	ND		ND		ND		ND		ND	ND		
Total SVOCs			4.601	-	9.03	-	17.039	-	4.999	-	12.516	-	12.302	-

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

E - Concentration exceeds the range of the calibration curve for the laboratory instrument

Table 2
 Soil Sampling Analytical Results
 Semivolatile Organic Compounds
 327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-16 (4-5)		S-17 (2-3)		S-18 (3-4)		S-19 (2-3)		S-20 (4-5)		S-21 (3-4)		
SAMPLING DATE		11/18/2020		11/18/2020		11/18/2020		11/19/2020		11/19/2020		11/19/2020		
LAB SAMPLE ID		L2051312-05		L2051312-06		L2051312-07		L2051740-01		L2051740-02		L2051740-03		
SAMPLE TYPE		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semivolatile Organics By GC/MS - (mg/kg)														

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Yellow Highlight - Exceeds USCO

Red Highlight - Exceeds RRSCO

Table 3 - Soil Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-1 (2-3)		S-2 (3-4)		S-2 (3-4)		S-3 (1-2)		S-4 (4-5)		
SAMPLING DATE		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		
LAB SAMPLE ID		L2046080-01		L2046080-02		L2046080-02 R1		L2046080-03		L2046080-04		
SAMPLE TYPE		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Organochlorine Pesticides By GC - (mg/kg)												
Delta-BHC	100	0.04	ND		ND		-		ND		ND	
Lindane	1.3	0.1	ND		ND		-		ND		ND	
Alpha-BHC	0.48	0.02	ND		ND		-		ND		ND	
Beta-BHC	0.36	0.036	ND		ND		-		ND		ND	
Heptachlor	2.1	0.042	ND		ND		-		ND		ND	
Aldrin	0.097	0.005	ND		ND		-		ND		ND	
Heptachlor epoxide	NC	NC	ND		0.0322	P	-		0.00177	JIP	ND	
Endrin	11	0.014	ND		ND		-		ND		ND	
Endrin aldehyde	NC	NC	ND		ND		-		ND		ND	
Endrin ketone	NC	NC	ND		ND		-		ND		ND	
Dieldrin	0.2	0.005	ND		ND		-		ND		0.0124	
4,4'-DDE	8.9	0.0033	0.00306	IP	0.139		-		0.011		0.00997	
4,4'-DDD	13	0.0033	ND		0.0118		-		0.00186	J	0.00547	
4,4'-DDT	7.9	0.0033	0.00664		0.251	E	0.368	P	0.0265		0.0188	
Endosulfan I	24	2.4	ND		ND		-		ND		ND	
Endosulfan II	24	2.4	ND		ND		-		ND		ND	
Endosulfan sulfate	24	2.4	ND		ND		-		ND		ND	
Methoxychlor	NC	NC	ND		ND		-		ND		0.0357	IP
Toxaphene	NC	NC	ND		ND		-		ND		ND	
cis-Chlordane	4.2	0.094	0.00536		0.0222		-		0.00121	JIP	0.00783	
trans-Chlordane	NC	NC	0.00321		0.0487	P	-		0.00262	IP	0.00824	
Chlordane	NC	NC	ND		0.262	P	-		0.0705	P	0.0884	

Table 3 - Soil Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-1 (2-3)		S-2 (3-4)		S-2 (3-4)		S-3 (1-2)		S-4 (4-5)		
SAMPLING DATE	10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		
LAB SAMPLE ID	L2046080-01		L2046080-02		L2046080-02 R1		L2046080-03		L2046080-04		
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	
PCBs By GC - (mg/kg)											
Aroclor 1016	1	0.1	ND		ND		-		ND		
Aroclor 1221	1	0.1	ND		ND		-		ND		
Aroclor 1232	1	0.1	ND		ND		-		ND		
Aroclor 1242	1	0.1	ND		ND		-		ND		
Aroclor 1248	1	0.1	ND		ND		-		ND		
Aroclor 1254	1	0.1	0.0635	P	4.64		-		0.406	0.0149	J
Aroclor 1260	1	0.1	ND		ND		-		ND		
Aroclor 1262	1	0.1	ND		ND		-		ND		
Aroclor 1268	1	0.1	ND		ND		-		ND		
PCBs, Total	1	0.1	0.0635		4.64		-		0.406	0.0149	J

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

P - The RPD exceeds the method specific criteria

RPD - Relative Percent Difference calculated during laboratory QA/QC.

I - Lower value reported due to laboratory interference

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Yellow Highlight - Exceeds USCO

Red Highlight - Exceeds RRSCO

Table 3 - Soil Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-5 (2-3)		S-5 (2-3)		S-6 (5-6)		S-7 (5-6)		S-8 (8-9)		S-9 (4-5)	
SAMPLING DATE	10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020	
LAB SAMPLE ID	L2046080-05		L2046080-05 R1		L2046080-06		L2046080-07		L2046080-08		L2046080-09	
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Organochlorine Pesticides By GC - (mg/kg)												
Delta-BHC	100	0.04	ND		-		ND		ND		ND	
Lindane	1.3	0.1	ND		-		ND		ND		ND	
Alpha-BHC	0.48	0.02	ND		-		ND		ND		ND	
Beta-BHC	0.36	0.036	ND		-		ND		ND		ND	
Heptachlor	2.1	0.042	ND		-		ND		ND		ND	
Aldrin	0.097	0.005	ND		-		ND		ND		ND	
Heptachlor epoxide	NC	NC	0.00246	JIP	-		ND		ND		0.000953	JP
Endrin	11	0.014	ND		-		ND		ND		ND	
Endrin aldehyde	NC	NC	ND		-		ND		ND		ND	
Endrin ketone	NC	NC	ND		-		ND		ND		ND	
Dieldrin	0.2	0.005	0.00319		-		0.00349		ND		0.00102	JIP
4,4'-DDE	8.9	0.0033	0.123		-		0.0114		ND		0.0102	
4,4'-DDD	13	0.0033	0.0149		-		0.00162	J	ND		0.00384	
4,4'-DDT	7.9	0.0033	0.677	E	1.09		0.00717		0.00646		0.042	
Endosulfan I	24	2.4	ND		-		ND		ND		ND	
Endosulfan II	24	2.4	ND		-		ND		ND		ND	
Endosulfan sulfate	24	2.4	ND		-		ND		ND		ND	
Methoxychlor	NC	NC	ND		-		0.00285	JIP	0.00438		ND	
Toxaphene	NC	NC	ND		-		ND		ND		ND	
cis-Chlordane	4.2	0.094	0.00455		-		0.00334		0.0325		0.0268	
trans-Chlordane	NC	NC	0.00307	IP	-		0.0034		0.0328		0.00922	
Chlordane	NC	NC	0.0736		-		0.0563		0.287		0.329	P

Table 3 - Soil Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-5 (2-3)		S-5 (2-3)		S-6 (5-6)		S-7 (5-6)		S-8 (8-9)		S-9 (4-5)	
	SAMPLING DATE		SAMPLING DATE		SAMPLING DATE		SAMPLING DATE		SAMPLING DATE		SAMPLING DATE	
LAB SAMPLE ID	L2046080-05		L2046080-05 R1		L2046080-06		L2046080-07		L2046080-08		L2046080-09	
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs By GC - (mg/kg)												
Aroclor 1016	1	0.1	ND		-		ND		ND		ND	
Aroclor 1221	1	0.1	ND		-		ND		ND		ND	
Aroclor 1232	1	0.1	ND		-		ND		ND		ND	
Aroclor 1242	1	0.1	ND		-		ND		ND		ND	
Aroclor 1248	1	0.1	ND		-		ND		ND		ND	
Aroclor 1254	1	0.1	0.112		-		0.0175	J	ND		0.0263	J
Aroclor 1260	1	0.1	ND		-		ND		ND		ND	
Aroclor 1262	1	0.1	ND		-		ND		ND		ND	
Aroclor 1268	1	0.1	ND		-		ND		ND		ND	
PCBs, Total	1	0.1	0.112		-		0.0175	J	ND		0.0263	J

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

P - The RPD exceeds the method specific criteria

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J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

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Yellow Highlight - Exceeds USCO

Red Highlight - Exceeds RRSCO

Table 3 - Soil Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-10 (6-7)		S-11 (2-3)		S-12 (3-4)		S-13 (5-6)		S-13 (5-6)		S-14 (4-5)		
SAMPLING DATE		10/22/2020		10/22/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020		
LAB SAMPLE ID		L2046080-10		L2046080-11		L2051312-01		L2051312-02		L2051312-02 R1		L2051312-03		
SAMPLE TYPE		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Organochlorine Pesticides By GC - (mg/kg)														
Delta-BHC	100	0.04	ND		ND		ND		ND		-		ND	
Lindane	1.3	0.1	ND		ND		ND		ND		-		ND	
Alpha-BHC	0.48	0.02	ND		ND		ND		ND		-		ND	
Beta-BHC	0.36	0.036	ND		ND		ND		ND		-		ND	
Heptachlor	2.1	0.042	ND		ND		ND		ND		-		ND	
Aldrin	0.097	0.005	ND		ND		ND		ND		-		ND	
Heptachlor epoxide	NC	NC	ND		ND		ND		ND		-		ND	
Endrin	11	0.014	ND		ND		ND		ND		-		ND	
Endrin aldehyde	NC	NC	ND		ND		ND		ND		-		ND	
Endrin ketone	NC	NC	ND		ND		ND		ND		-		ND	
Dieldrin	0.2	0.005	0.000892	JIP	ND		0.00975		0.0172	IP	-		0.00385	
4,4'-DDE	8.9	0.0033	0.00658		0.0213		0.0296		0.0993		-		0.18	E
4,4'-DDD	13	0.0033	0.00133	JIP	0.00202		0.00833		0.02		-		0.00668	
4,4'-DDT	7.9	0.0033	0.00877	IP	0.0424		0.0574		0.447	E	0.509		0.207	E
Endosulfan I	24	2.4	ND		ND		ND		ND		-		ND	
Endosulfan II	24	2.4	ND		ND		ND		ND		-		ND	
Endosulfan sulfate	24	2.4	ND		ND		ND		ND		-		ND	
Methoxychlor	NC	NC	ND		ND		0.0105	IP	0.352	PE	0.409		ND	
Toxaphene	NC	NC	ND		ND		ND		ND		-		ND	
cis-Chlordane	4.2	0.094	ND		0.00595		0.0225		0.524	E	0.418	IP	0.00522	
trans-Chlordane	NC	NC	0.00232		0.00772		0.0202		0.379	E	0.479		0.00607	IP
Chlordane	NC	NC	0.0301		0.0605		0.198		2.71	E	2.5		0.115	P

Table 3 - Soil Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, New York

LOCATION			S-10 (6-7)		S-11 (2-3)		S-12 (3-4)		S-13 (5-6)		S-13 (5-6)		S-14 (4-5)	
SAMPLING DATE			10/22/2020		10/22/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020	
LAB SAMPLE ID			L2046080-10		L2046080-11		L2051312-01		L2051312-02		L2051312-02 R1		L2051312-03	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs By GC - (mg/kg)														
Aroclor 1016	1	0.1	ND		ND		ND		ND		-		ND	
Aroclor 1221	1	0.1	ND		ND		ND		ND		-		ND	
Aroclor 1232	1	0.1	ND		ND		ND		ND		-		ND	
Aroclor 1242	1	0.1	ND		ND		ND		ND		-		ND	
Aroclor 1248	1	0.1	ND		ND		ND		ND		-		ND	
Aroclor 1254	1	0.1	ND		ND		0.0169	J	ND		-		0.0448	
Aroclor 1260	1	0.1	ND		ND		ND		ND		-		ND	
Aroclor 1262	1	0.1	ND		ND		ND		ND		-		ND	
Aroclor 1268	1	0.1	ND		ND		ND		ND		-		ND	
PCBs, Total	1	0.1	ND		ND		0.0169	J	ND		-		0.0448	

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

P - The RPD exceeds the method specific criteria

RPD - Relative Percent Difference calculated during laboratory QA/QC.

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J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Yellow Highlight - Exceeds USCO

Red Highlight - Exceeds RRSCO

Table 3 - Soil Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-14 (4-5)		S-15 (5-6)		S-16 (4-5)		S-16 (4-5)		S-17 (2-3)		S-18 (3-4)	
SAMPLING DATE	11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020	
LAB SAMPLE ID	L2051312-03 R1		L2051312-04		L2051312-05		L2051312-05 R1		L2051312-06		L2051312-07	
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Organochlorine Pesticides By GC - (mg/kg)												
Delta-BHC	100	0.04	-		ND		ND		-		ND	
Lindane	1.3	0.1	-		ND		ND		-		ND	
Alpha-BHC	0.48	0.02	-		ND		ND		-		ND	
Beta-BHC	0.36	0.036	-		ND		ND		-		ND	
Heptachlor	2.1	0.042	-		ND		ND		-		ND	
Aldrin	0.097	0.005	-		ND		ND		-		ND	
Heptachlor epoxide	NC	NC	-		ND		0.00421		-		ND	
Endrin	11	0.014	-		ND		ND		-		ND	
Endrin aldehyde	NC	NC	-		ND		ND		-		ND	
Endrin ketone	NC	NC	-		ND		ND		-		ND	
Dieldrin	0.2	0.005	-		0.00696		0.0124		-		ND	
4,4'-DDE	8.9	0.0033	0.18		0.0183	IP	0.106		-		0.00583	
4,4'-DDD	13	0.0033	-		0.00543		0.0164		-		ND	
4,4'-DDT	7.9	0.0033	0.209		0.0955		0.22	E	0.34		0.0131	IP
Endosulfan I	24	2.4	-		ND		ND		-		ND	
Endosulfan II	24	2.4	-		ND		ND		-		ND	
Endosulfan sulfate	24	2.4	-		ND		ND		-		ND	
Methoxychlor	NC	NC	-		ND		ND		-		ND	
Toxaphene	NC	NC	-		ND		ND		-		ND	
cis-Chlordane	4.2	0.094	-		0.0074		0.0149		-		0.00535	0.00691
trans-Chlordane	NC	NC	-		0.00835		0.0144		-		0.00708	0.00852
Chlordane	NC	NC	-		0.136		0.139	P	-		0.0924	0.078

Table 3 - Soil Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-14 (4-5)		S-15 (5-6)		S-16 (4-5)		S-16 (4-5)		S-17 (2-3)		S-18 (3-4)		
SAMPLING DATE		11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/18/2020		
LAB SAMPLE ID		L2051312-03 R1		L2051312-04		L2051312-05		L2051312-05 R1		L2051312-06		L2051312-07		
SAMPLE TYPE		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs By GC - (mg/kg)														
Aroclor 1016	1	0.1	-		ND		ND		-		ND		ND	
Aroclor 1221	1	0.1	-		ND		ND		-		ND		ND	
Aroclor 1232	1	0.1	-		ND		ND		-		ND		ND	
Aroclor 1242	1	0.1	-		ND		ND		-		ND		ND	
Aroclor 1248	1	0.1	-		ND		ND		-		ND		ND	
Aroclor 1254	1	0.1	-		0.0122	J	0.0602		-		0.223		0.261	
Aroclor 1260	1	0.1	-		ND		ND		-		ND		ND	
Aroclor 1262	1	0.1	-		ND		ND		-		ND		ND	
Aroclor 1268	1	0.1	-		ND		ND		-		ND		ND	
PCBs, Total	1	0.1	-		0.0122	J	0.0602		-		0.223		0.261	

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

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Red Highlight - Exceeds RRSCO

Table 3 - Soil Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-19 (2-3)	S-20 (4-5)	S-20 (4-5)	S-20 (4-5)	S-20 (4-5)	S-21 (3-4)	
SAMPLING DATE		11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020	
LAB SAMPLE ID		L2051740-01	L2051740-02	L2051740-02 R1	L2051740-02 R2	L2051740-02 R3	L2051740-03	
SAMPLE TYPE		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q
Organochlorine Pesticides By GC - (mg/kg)								
Delta-BHC	100	0.04	ND		ND	-	-	ND
Lindane	1.3	0.1	ND		ND	-	-	ND
Alpha-BHC	0.48	0.02	ND		ND	-	-	ND
Beta-BHC	0.36	0.036	ND		ND	-	-	ND
Heptachlor	2.1	0.042	ND		ND	-	-	ND
Aldrin	0.097	0.005	ND		ND	-	-	ND
Heptachlor epoxide	NC	NC	ND		ND	-	-	ND
Endrin	11	0.014	ND		ND	-	-	ND
Endrin aldehyde	NC	NC	ND		ND	-	-	ND
Endrin ketone	NC	NC	ND		ND	-	-	ND
Dieldrin	0.2	0.005	0.0103		0.144	-	-	0.00558
4,4'-DDE	8.9	0.0033	0.0284		2.19	E	5.24	0.0103
4,4'-DDD	13	0.0033	ND		0.505	E	0.948	ND
4,4'-DDT	7.9	0.0033	0.1		3.56	E	-	19.4
Endosulfan I	24	2.4	ND		ND	-	-	ND
Endosulfan II	24	2.4	ND		ND	-	-	ND
Endosulfan sulfate	24	2.4	ND		ND	-	-	ND
Methoxychlor	NC	NC	ND		ND	-	-	ND
Toxaphene	NC	NC	ND		ND	-	-	ND
cis-Chlordane	4.2	0.094	0.0174		0.261	E	0.33	IP
trans-Chlordane	NC	NC	0.0216		0.234	E	0.412	-
Chlordane	NC	NC	0.137		1.48	E	2.25	-

Table 3 - Soil Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, New York

LOCATION		S-19 (2-3)	S-20 (4-5)	S-20 (4-5)	S-20 (4-5)	S-20 (4-5)	S-21 (3-4)							
SAMPLING DATE		11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020							
LAB SAMPLE ID		L2051740-01	L2051740-02	L2051740-02 R1	L2051740-02 R2	L2051740-02 R3	L2051740-03							
SAMPLE TYPE		SOIL		SOIL		SOIL								
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
PCBs By GC - (mg/kg)														
Aroclor 1016	1	0.1	ND		ND		-		-		-		ND	
Aroclor 1221	1	0.1	ND		ND		-		-		-		ND	
Aroclor 1232	1	0.1	ND		ND		-		-		-		ND	
Aroclor 1242	1	0.1	ND		ND		-		-		-		ND	
Aroclor 1248	1	0.1	ND		ND		-		-		-		ND	
Aroclor 1254	1	0.1	0.0424		0.0241	J	-		-		-		0.00432	J
Aroclor 1260	1	0.1	ND		ND		-		-		-		ND	
Aroclor 1262	1	0.1	ND		ND		-		-		-		ND	
Aroclor 1268	1	0.1	ND		ND		-		-		-		ND	
PCBs, Total	1	0.1	0.0424		0.0241	J	-		-		-		0.00432	J

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

P - The RPD exceeds the method specific criteria

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Yellow Highlight - Exceeds USCO

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Table 4 - Soil Sampling Analytical Results
Total Metals
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-1 (2-3)		S-2 (3-4)		S-3 (1-2)		S-4 (4-5)		S-5 (2-3)		S-6 (5-6)		S-7 (5-6)		
SAMPLING DATE	10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		
LAB SAMPLE ID	L2046080-01		L2046080-02		L2046080-03		L2046080-04		L2046080-05		L2046080-06		L2046080-07		
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Total Metals By GC/MS - (mg/kg)															
Aluminum, Total	NC	NC	6180		3100		7710		8400		6440		4730		9670
Antimony, Total	NC	NC	ND		ND		ND		ND		ND		ND		ND
Arsenic, Total	16	13	1.22		2.23		2.16		1.48		3.72		3.29		ND
Barium, Total	400	350	49.3		774		92.4		86.4		409		133		93.4
Beryllium, Total	72	7.2	0.182	J	0.144	J	0.094	J	0.185	J	0.275	J	0.201	J	0.044
Cadmium, Total	4.3	2.5	0.174	J	0.874	J	0.292	J	0.282	J	0.275	J	0.252	J	0.239
Calcium, Total	NC	NC	7360		30900		33000		16900		46700		44200		422
Chromium, Total	NC	NC	10.3		7.35		18.4		100		8.94		6.74		35.7
Cobalt, Total	NC	NC	6.29		2.98		7.47		9.82		4.04		2.85		13.1
Copper, Total	270	50	16.3		9.99		17.2		17.2		6.95		6.4		17.5
Iron, Total	NC	NC	10700		3850		13000		18000		7120		5670		17200
Lead, Total	400	63	10.8		1190		28.7		18.7		323		319		4.84
Magnesium, Total	NC	NC	3090		4240		18400		8390		7860		9690		5410
Manganese, Total	2000	1600	386		79		282		520		158		118		609
Mercury, Total	0.81	0.18	ND		0.258		ND		0.052	J	0.113		ND		ND
Nickel, Total	310	30	10.6		6.53		14		50.5		6.85		6.01		29.7
Potassium, Total	NC	NC	1450		540		3450		3460		1160		750		4450
Selenium, Total	180	3.9	ND		ND		0.48	J	0.397	J	0.597	J	0.335	J	0.399
Silver, Total	180	2	ND		ND		ND		ND		ND		ND		ND
Sodium, Total	NC	NC	452		542		392		486		902		599		399
Thallium, Total	NC	NC	ND		ND		ND		ND		ND		ND		ND
Vanadium, Total	NC	NC	16.8		25.3		24.7		28.1		23.5		35.2		25.9
Zinc, Total	10000	109	17.8		604		49.9		35.4		178		75.4		35.4
General Chemistry - (mg/kg)															
Solids, Total	NC	NC	91.8		88.4		82.5		87.2		85.3		91.6		86.3
Cyanide, Total	27	27	0.5	J	ND		0.38	J	ND		ND		ND		ND

Notes:

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mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

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.

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Yellow Highlight - Exceeds USCO

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Table 4 - Soil Sampling Analytical Results
Total Metals
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-8 (8-9)		S-9 (4-5)		S-10 (6-7)		S-11 (2-3)		S-12 (3-4)		S-13 (5-6)		S-14 (4-5)	
SAMPLING DATE	10/22/2020		10/22/2020		10/22/2020		10/22/2020		11/18/2020		11/18/2020		11/18/2020	
LAB SAMPLE ID	L2046080-08		L2046080-09		L2046080-10		L2046080-11		L2051312-01		L2051312-02		L2051312-03	
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Metals By GC/MS - (mg/kg)														
Aluminum, Total	NC	NC	8080		6500		4110		3040		6890		6180	6600
Antimony, Total	NC	NC	ND		ND		ND		ND		ND		ND	ND
Arsenic, Total	16	13	0.6	J	0.253	J	3.07		1.85		3.88		4.35	2.83
Barium, Total	400	350	60.7		49.5		173		55.6		95.6		776	70.5
Beryllium, Total	72	7.2	ND		0.076	J	0.176	J	0.065	J	ND		ND	ND
Cadmium, Total	4.3	2.5	0.203	J	0.126	J	0.185	J	0.194	J	0.647	J	2.6	0.515 J
Calcium, Total	NC	NC	3130		3530		37800		49200		53100		49600	55500
Chromium, Total	NC	NC	13.2		13.8		5.69		8.97		11.2		19.3	11.6
Cobalt, Total	NC	NC	7.95		4.65		2.58		3.86		5.51		5.64	8.29
Copper, Total	270	50	14.4		6.59		6.01		17.3		21.8		25.3	35.5
Iron, Total	NC	NC	13400		7860		7030		7590		10800		10600	9620
Lead, Total	400	63	3.79	J	8.16		299		70.4		99.2		964	16.1
Magnesium, Total	NC	NC	4110		2990		8550		20600		15800		11800	7310
Manganese, Total	2000	1600	289		188		116		127		212		200	266
Mercury, Total	0.81	0.18	ND		ND		ND		ND		ND		1.82	0.068 J
Nickel, Total	310	30	14.8		20.3		5.26		7.64		10.7		14.1	18.4
Potassium, Total	NC	NC	4550		2220		680		1030		1400		2130	2080
Selenium, Total	180	3.9	ND		ND		0.273	J	0.36	J	ND		0.805	0.684 J
Silver, Total	180	2	ND		ND		ND		ND		ND		ND	ND
Sodium, Total	NC	NC	269		232		658		505		846		473	338
Thallium, Total	NC	NC	ND		ND		ND		ND		ND		ND	ND
Vanadium, Total	NC	NC	14.4		11.6		19.4		17.1		24.9		25	44.2
Zinc, Total	10000	109	31.8		19.8		89.9		50.8		101		1030	85.9
General Chemistry - (mg/kg)														
Solids, Total	NC	NC	81.5		92		88.5		82.7		89.3		91.4	94.3
Cyanide, Total	27	27	ND		ND		ND		ND		ND		ND	ND

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

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mg/kg - milligrams per kilogram

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Table 4 - Soil Sampling Analytical Results
Total Metals
327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-15 (5-6)		S-16 (4-5)		S-17 (2-3)		S-18 (3-4)		S-19 (2-3)		S-20 (4-5)		S-21 (3-4)			
SAMPLING DATE	11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/19/2020		11/19/2020		11/19/2020			
LAB SAMPLE ID	L2051312-04		L2051312-05		L2051312-06		L2051312-07		L2051740-01		L2051740-02		L2051740-03			
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL			
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
Total Metals By GC/MS - (mg/kg)																
Aluminum, Total	NC	NC	5910		6370		5450		5160		4750		4850		5490	
Antimony, Total	NC	NC	ND		ND		ND		ND		3.8	J	ND		ND	
Arsenic, Total	16	13	4.24		4.62		3.78		2.75		16.1		3.94		7.13	
Barium, Total	400	350	172		187		364		75.3		713		411		312	
Beryllium, Total	72	7.2	ND		ND		ND		ND		ND		ND		ND	
Cadmium, Total	4.3	2.5	0.289	J	0.598	J	1.07		0.243	J	1.94		0.72	J	0.779	J
Calcium, Total	NC	NC	99000		63300		73900		24300		46200		51400		76800	
Chromium, Total	NC	NC	9.25		11.7		11.1		15.2		15.4		10.7		10	
Cobalt, Total	NC	NC	4		4.53		4.59		4.14		6.03		3.97		4.19	
Copper, Total	270	50	9.91		24.3		9.13		4.49		19.7		15		15.9	
Iron, Total	NC	NC	7160		10300		8540		7390		27500		7580		7210	
Lead, Total	400	63	128		251		203		21.7		2530		615		293	
Magnesium, Total	NC	NC	18900		9400		11000		6110		8250		9490		9240	
Manganese, Total	2000	1600	119		217		186		160		207		152		92.5	
Mercury, Total	0.81	0.18	0.099		0.081		0.417		ND		0.43		0.119		0.203	
Nickel, Total	310	30	9.13		11		8.84		9.52		13.2		8.82		9.92	
Potassium, Total	NC	NC	1090		1710		903		2150		1370		915		966	
Selenium, Total	180	3.9	0.491	J	0.759	J	0.67	J	0.458	J	0.595	J	ND		ND	
Silver, Total	180	2	ND		ND		ND		ND		ND		ND		ND	
Sodium, Total	NC	NC	512		474		994		516		736		778		949	
Thallium, Total	NC	NC	ND		ND		ND		ND		0.532	J	ND		ND	
Vanadium, Total	NC	NC	18.5		28		33.8		28.2		20		26.6		17.5	
Zinc, Total	10000	109	441		186		246		33.9		997		313		231	
General Chemistry - (mg/kg)																
Solids, Total	NC	NC	89.9		88.9		83.6		83.4		84.5		86.2		83.5	
Cyanide, Total	27	27	ND		ND		ND		0.37	J	3.8		ND		ND	

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

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.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Yellow Highlight - Exceeds USCO

Red Highlight - Exceeds RRSCO

Table 5
Soil Sampling Analytical Results
PFAS

327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-1 (2-3)		S-2 (3-4)		S-3 (1-2)		S-4 (4-5)		S-5 (2-3)		S-6 (5-6)		S-7 (5-6)	
SAMPLING DATE	10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020	
LAB SAMPLE ID	L2046080-01		L2046080-02		L2046080-03		L2046080-04		L2046080-05		L2046080-06		L2046080-07	
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Perfluorinated Alkyl Acids By Isotope Dilution - (mg/kg)														
Perfluorobutanoic Acid (PFBA)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluoropentanoic Acid (PFPeA)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorobutanesulfonic Acid (PFBS)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorohexanoic Acid (PFHxA)	NC	NC	ND		0.000065	J	0.000072	J	0.000061	J	ND		0.000058	J
Perfluoroheptanoic Acid (PFHpA)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorohexanesulfonic Acid (PFHxS)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorooctanoic Acid (PFOA)	0.033	0.00066	0.000072	J	0.000113	J	ND		ND		ND		ND	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluoroheptanesulfonic Acid (PFHpS)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorononanoic Acid (PFNA)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorooctanesulfonic Acid (PFOS)	0.044	0.00088	0.000958		0.000599		0.000424	J	0.000464	J	0.000399	J	0.000197	J
Perfluorodecanoic Acid (PFDA)	NC	NC	ND		ND		ND		ND		ND		ND	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NC	NC	ND		ND		ND		ND		ND		ND	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluoroundecanoic Acid (PFUnA)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorodecanesulfonic Acid (PFDS)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorooctanesulfonamide (FOSA)	NC	NC	ND		ND		ND		ND		ND		ND	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorododecanoic Acid (PFDoA)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorotridecanoic Acid (PFTrDA)	NC	NC	ND		ND		ND		ND		ND		ND	
Perfluorotetradecanoic Acid (PFTA)	NC	NC	ND		ND		ND		ND		ND		ND	
PFOA/PFOS, Total	NC	NC	0.00103	J	0.000712	J	0.000424	J	0.000464	J	0.000399	J	0.000197	J

Notes:

RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria

USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

Q - Laboratory Qualifier

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.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND : Indicates the analyte was analyzed for but detected

Yellow Highlight - Exceeds USCO

Table 5
Soil Sampling Analytical Results
PFAS

327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-8 (8-9)		S-9 (4-5)		S-10 (6-7)		S-11 (2-3)		S-12 (3-4)		S-13 (5-6)		S-14 (4-5)		
SAMPLING DATE	10/22/2020		10/22/2020		10/22/2020		10/22/2020		11/18/2020		11/18/2020		11/18/2020		
LAB SAMPLE ID	L2046080-08		L2046080-09		L2046080-10		L2046080-11		L2051312-01		L2051312-02		L2051312-03		
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Perfluorinated Alkyl Acids By Isotope Dilution - (mg/kg)															
Perfluorobutanoic Acid (PFBA)	NC	NC	ND		ND		ND		ND		ND		ND		ND
Perfluoropentanoic Acid (PFPeA)	NC	NC	ND		ND		0.000072	J	ND		ND		ND		ND
Perfluorobutanesulfonic Acid (PFBS)	NC	NC	ND		ND		ND		ND		ND		ND		ND
Perfluorohexanoic Acid (PFHxA)	NC	NC	0.000059	J	ND		0.000076	J	0.000065	J	ND		0.000084	J	ND
Perfluoroheptanoic Acid (PFHpA)	NC	NC	ND		ND		0.000068	J	ND		ND		0.000052	J	ND
Perfluorohexanesulfonic Acid (PFHxS)	NC	NC	ND		ND		ND		ND		ND		0.000696		ND
Perfluorooctanoic Acid (PFOA)	0.033	0.00066	ND		ND		0.000138	JF	ND		0.000087	JF	0.000308	JF	ND
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NC	NC	ND		ND		ND		ND		ND		ND		ND
Perfluoroheptanesulfonic Acid (PFHpS)	NC	NC	ND		ND		ND		ND		ND		ND		ND
Perfluorononanoic Acid (PFNA)	NC	NC	ND		ND		0.000115	J	ND		ND		ND		ND
Perfluorooctanesulfonic Acid (PFOS)	0.044	0.00088	0.000159	J	0.000333	JF	0.00081	F	0.000574	F	0.000946	F	0.00347	F	0.000781
Perfluorodecanoic Acid (PFDA)	NC	NC	ND		ND		0.00009	J	ND		ND		0.000096	J	ND
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NC	NC	ND		ND		ND		ND		ND		ND		ND
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NC	NC	ND		ND		ND		ND		ND		ND		ND
Perfluoroundecanoic Acid (PFUnA)	NC	NC	ND		ND		ND		ND		ND		ND		ND
Perfluorodecanesulfonic Acid (PFDS)	NC	NC	ND		ND		ND		ND		ND		ND		ND
Perfluorooctanesulfonamide (FOSA)	NC	NC	ND		ND		ND		ND		ND		ND		ND
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NC	NC	ND		ND		ND		ND		ND		ND		ND
Perfluorododecanoic Acid (PFDoA)	NC	NC	ND		ND		ND		ND		ND		ND		ND
Perfluorotridecanoic Acid (PFTTrDA)	NC	NC	ND		ND		ND		ND		ND		ND		ND
Perfluorotetradecanoic Acid (PFTA)	NC	NC	ND		ND		ND		ND		ND		ND		ND
PFOA/PFOS, Total	NC	NC	0.000159	J	0.000333	J	0.000948	J	0.000574		0.00103	J	0.00378	J	0.000781

Notes:

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USCO: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

NC - No Criteria

mg/kg - milligrams per kilogram

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Yellow Highlight - Exceeds USCO

Table 5
Soil Sampling Analytical Results
PFAS

327-329 Huguenot Street, New Rochelle, New York

LOCATION	S-15 (5-6)		S-16 (4-5)		S-17 (2-3)		S-18 (3-4)		S-19 (2-3)		S-20 (4-5)		S-21 (3-4)			
SAMPLING DATE	11/18/2020		11/18/2020		11/18/2020		11/18/2020		11/19/2020		11/19/2020		11/19/2020			
LAB SAMPLE ID	L2051312-04		L2051312-05		L2051312-06		L2051312-07		L2051740-01		L2051740-02		L2051740-03			
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL			
	RRSCO	USCO	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
Perfluorinated Alkyl Acids By Isotope Dilution - (mg/kg)																
Perfluorobutanoic Acid (PFBA)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
Perfluoropentanoic Acid (PFPeA)	NC	NC	ND		ND		0.000142	J	ND		ND		0.000051	J	ND	
Perfluorobutanesulfonic Acid (PFBS)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
Perfluorohexanoic Acid (PFHxA)	NC	NC	ND		0.000057	J	0.000134	JF	0.000057	J	0.000063	J	0.000077	J	0.000066	J
Perfluoroheptanoic Acid (PFHpA)	NC	NC	ND		ND		0.000077	J	ND		ND		ND		ND	
Perfluorohexanesulfonic Acid (PFHxS)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
Perfluorooctanoic Acid (PFOA)	0.033	0.00066	0.000073	JF	0.00005	JF	0.000198	JF	0.000055	JF	0.000145	JF	0.000141	JF	0.000074	JF
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
Perfluoroheptanesulfonic Acid (PFHpS)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
Perfluorononanoic Acid (PFNA)	NC	NC	ND		ND		0.0001	J	ND		ND		ND		0.000398	J
Perfluorooctanesulfonic Acid (PFOS)	0.044	0.00088	0.00224	F	0.00111	F	0.00212	F	0.00032	JF	0.00202	F	0.00145	F	0.000983	F
Perfluorodecanoic Acid (PFDA)	NC	NC	0.000114	J	ND		0.000146	J	ND		0.000125	J	ND		0.000146	J
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
Perfluoroundecanoic Acid (PFUnA)	NC	NC	0.000051	J	ND		ND		ND		0.000068	J	ND		0.000053	JF
Perfluorodecanesulfonic Acid (PFDS)	NC	NC	ND		ND		ND		ND		0.000784		ND		ND	
Perfluorooctanesulfonamide (FOSA)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NC	NC	ND		ND		0.00016	JF	ND		ND		0.000182	JF	ND	
Perfluorododecanoic Acid (PFDoA)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
Perfluorotridecanoic Acid (PFTrDA)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
Perfluorotetradecanoic Acid (PFTA)	NC	NC	ND		ND		ND		ND		ND		ND		ND	
PFOA/PFOS, Total	NC	NC	0.00231	J	0.00116	J	0.00232	J	0.000375	J	0.00217	J	0.00159	J	0.00106	J

Notes:

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ND : Indicates the analyte was analyzed for but detected

Yellow Highlight - Exceeds USCO

Table 6 - Groundwater Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	GW-1	GW-2	GW-3	TW-4					
SAMPLING DATE	10/26/2020	10/26/2020	10/26/2020	11/18/2020					
LAB SAMPLE ID	L2046625-01	L2046625-02	L2046625-03	L2051312-08					
SAMPLE TYPE	WATER		WATER		WATER		WATER		
	NY-AWQS	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q
Volatile Organics by GC/MS - (ug/l)									
Methylene chloride	5	ND		ND		ND		ND	
1,1-Dichloroethane	5	ND		ND		ND		ND	
Chloroform	7	ND		ND		ND		ND	
Carbon tetrachloride	5	ND		ND		ND		ND	
1,2-Dichloropropane	1	ND		ND		ND		ND	
Dibromochloromethane	50	ND		ND		ND		ND	
1,1,2-Trichloroethane	1	ND		ND		ND		ND	
Tetrachloroethene	5	ND		ND		ND		ND	
Chlorobenzene	5	ND		ND		ND		ND	
Trichlorofluoromethane	5	ND		ND		ND		ND	
1,2-Dichloroethane	0.6	ND		ND		ND		ND	
1,1,1-Trichloroethane	5	ND		ND		ND		ND	
Bromodichloromethane	50	ND		ND		ND		ND	
trans-1,3-Dichloropropene	0.4	ND		ND		ND		ND	
cis-1,3-Dichloropropene	0.4	ND		ND		ND		ND	
1,3-Dichloropropene, Total	NC	ND		ND		ND		ND	
1,1-Dichloropropene	5	ND		ND		ND		ND	
Bromoform	50	ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	5	ND		ND		ND		ND	
Benzene	1	ND		ND		ND		ND	
Toluene	5	ND		ND		ND		ND	
Ethylbenzene	5	ND		ND		ND		ND	
Chloromethane	NC	ND		ND		ND		ND	
Bromomethane	5	ND		ND		ND		ND	
Vinyl chloride	2	ND		ND		ND		ND	
Chloroethane	5	ND		ND		ND		ND	
1,1-Dichloroethene	5	ND		ND		ND		ND	
trans-1,2-Dichloroethene	5	ND		ND		ND		ND	
Trichloroethene	5	ND		ND		ND		ND	
1,2-Dichlorobenzene	3	ND		ND		ND		ND	
1,3-Dichlorobenzene	3	ND		ND		ND		ND	
1,4-Dichlorobenzene	3	ND		ND		ND		ND	
Methyl tert butyl ether	10	ND		ND		ND		ND	
p/m-Xylene	5	ND		ND		ND		ND	
o-Xylene	5	ND		ND		ND		ND	
Xylenes, Total	NC	ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND	
1,2-Dichloroethene, Total	NC	ND		ND		ND		ND	
Dibromomethane	5	ND		ND		ND		ND	
1,2,3-Trichloropropane	0.04	ND		ND		ND		ND	
Acrylonitrile	5	ND		ND		ND		ND	
Styrene	5	ND		ND		ND		ND	
Dichlorodifluoromethane	5	ND		ND		ND		ND	
Acetone	50	1.6	J	1.9	J	2.4	J	8.1	
Carbon disulfide	60	ND		ND		ND		ND	
2-Butanone	50	ND		ND		ND		ND	
Vinyl acetate	NC	ND		ND		ND		ND	
4-Methyl-2-pentanone	NC	ND		ND		ND		ND	
2-Hexanone	50	ND		ND		ND		ND	
Bromochloromethane	5	ND		ND		ND		ND	
2,2-Dichloropropane	5	ND		ND		ND		ND	
1,2-Dibromoethane	0.0006	ND		ND		ND		ND	
1,3-Dichloropropane	5	ND		ND		ND		ND	
1,1,1,2-Tetrachloroethane	5	ND		ND		ND		ND	
Bromobenzene	5	ND		ND		ND		ND	
n-Butylbenzene	5	ND		ND		ND		ND	
sec-Butylbenzene	5	ND		ND		ND		ND	
tert-Butylbenzene	5	ND		ND		ND		ND	
o-Chlorotoluene	5	ND		ND		ND		ND	
p-Chlorotoluene	5	ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	0.04	ND		ND		ND		ND	
Hexachlorobutadiene	0.5	ND		ND		ND		ND	
Isopropylbenzene	5	ND		ND		ND		ND	
p-Isopropyltoluene	5	ND		ND		ND		ND	
Naphthalene	10	ND		ND		ND		ND	
n-Propylbenzene	5	ND		ND		ND		ND	
1,2,3-Trichlorobenzene	5	ND		ND		ND		ND	
1,2,4-Trichlorobenzene	5	ND		ND		ND		ND	
1,3,5-Trimethylbenzene	5	ND		ND		ND		ND	
1,2,4-Trimethylbenzene	5	ND		ND		ND		ND	
1,4-Dioxane	NC	ND		ND		ND		ND	
p-Diethylbenzene	NC	ND		ND		ND		ND	

Table 6 - Groundwater Sampling Analytical Results
 Volatile Organic Compounds
 327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	GW-1		GW-2		GW-3		TW-4		
SAMPLING DATE	10/26/2020		10/26/2020		10/26/2020		11/18/2020		
LAB SAMPLE ID	L2046625-01		L2046625-02		L2046625-03		L2051312-08		
SAMPLE TYPE	WATER		WATER		WATER		WATER		
	NY-AWQS	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q
Volatile Organics by GC/MS - (ug/l)									
p-Ethyltoluene	NC	ND		ND		ND		ND	
1,2,4,5-Tetramethylbenzene	5	ND		ND		ND		ND	
Ethyl ether	NC	ND		ND		ND		ND	
trans-1,4-Dichloro-2-butene	5	ND		ND		ND		ND	
Total VOCs	NC	1.6		1.9		2.4		8.1	

Notes:

AWQS - Ambient Water Quality Standards

ug/L - micrograms per liter

Q - Laboratory Qualifier

J - Estimated Concentration

P - The RPD exceeds the method specific criteria

I - Lower value reported due to laboratory interference

BOLD - Constituent detected above laboratory Minimum Detection Limit

Yellow Highlight - Exceeds AWQS

Table 6 - Groundwater Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	TW-5	TW-6			
SAMPLING DATE	11/18/2020	11/19/2020			
LAB SAMPLE ID	L2051312-09	L2051740-04			
SAMPLE TYPE	WATER				
	NY-AWQS	RESULT	Q	RESULT	Q
Volatile Organics by GC/MS - (ug/l)					
Methylene chloride	5	ND		ND	
1,1-Dichloroethane	5	ND		ND	
Chloroform	7	ND		ND	
Carbon tetrachloride	5	ND		ND	
1,2-Dichloropropane	1	ND		ND	
Dibromochloromethane	50	ND		ND	
1,1,2-Trichloroethane	1	ND		ND	
Tetrachloroethene	5	ND		ND	
Chlorobenzene	5	ND		ND	
Trichlorofluoromethane	5	ND		ND	
1,2-Dichloroethane	0.6	ND		ND	
1,1,1-Trichloroethane	5	ND		ND	
Bromodichloromethane	50	ND		ND	
trans-1,3-Dichloropropene	0.4	ND		ND	
cis-1,3-Dichloropropene	0.4	ND		ND	
1,3-Dichloropropene, Total	NC	ND		ND	
1,1-Dichloropropene	5	ND		ND	
Bromoform	50	ND		ND	
1,1,2,2-Tetrachloroethane	5	ND		ND	
Benzene	1	ND		ND	
Toluene	5	ND		ND	
Ethylbenzene	5	ND		ND	
Chloromethane	NC	ND		ND	
Bromomethane	5	ND		ND	
Vinyl chloride	2	ND		ND	
Chloroethane	5	ND		ND	
1,1-Dichloroethene	5	ND		ND	
trans-1,2-Dichloroethene	5	ND		ND	
Trichloroethene	5	ND		ND	
1,2-Dichlorobenzene	3	ND		ND	
1,3-Dichlorobenzene	3	ND		ND	
1,4-Dichlorobenzene	3	ND		ND	
Methyl tert butyl ether	10	ND		ND	
p/m-Xylene	5	ND		ND	
o-Xylene	5	ND		ND	
Xylenes, Total	NC	ND		ND	
cis-1,2-Dichloroethene	5	ND		ND	
1,2-Dichloroethene, Total	NC	ND		ND	
Dibromomethane	5	ND		ND	
1,2,3-Trichloropropane	0.04	ND		ND	
Acrylonitrile	5	ND		ND	
Styrene	5	ND		ND	
Dichlorodifluoromethane	5	ND		ND	
Acetone	50	5		8.3	
Carbon disulfide	60	ND		ND	
2-Butanone	50	ND		ND	
Vinyl acetate	NC	ND		ND	
4-Methyl-2-pentanone	NC	ND		ND	
2-Hexanone	50	ND		ND	
Bromochloromethane	5	ND		ND	
2,2-Dichloropropane	5	ND		ND	
1,2-Dibromoethane	0.0006	ND		ND	
1,3-Dichloropropane	5	ND		ND	
1,1,1,2-Tetrachloroethane	5	ND		ND	
Bromobenzene	5	ND		ND	
n-Butylbenzene	5	ND		ND	
sec-Butylbenzene	5	ND		ND	
tert-Butylbenzene	5	ND		ND	
o-Chlorotoluene	5	ND		ND	
p-Chlorotoluene	5	ND		ND	
1,2-Dibromo-3-chloropropane	0.04	ND		ND	
Hexachlorobutadiene	0.5	ND		ND	
Isopropylbenzene	5	ND		ND	
p-Isopropyltoluene	5	ND		ND	
Naphthalene	10	ND		ND	
n-Propylbenzene	5	ND		ND	
1,2,3-Trichlorobenzene	5	ND		ND	
1,2,4-Trichlorobenzene	5	ND		ND	
1,3,5-Trimethylbenzene	5	ND		ND	
1,2,4-Trimethylbenzene	5	ND		ND	
1,4-Dioxane	NC	ND		ND	
p-Diethylbenzene	NC	ND		ND	

Table 6 - Groundwater Sampling Analytical Results
 Volatile Organic Compounds
 327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	TW-5		TW-6		
SAMPLING DATE	11/18/2020		11/19/2020		
LAB SAMPLE ID	L2051312-09		L2051740-04		
SAMPLE TYPE	WATER		WATER		
	NY-AWQS	RESULT	Q	RESULT	Q
Volatile Organics by GC/MS - (ug/l)					
p-Ethyltoluene	NC	ND		ND	
1,2,4,5-Tetramethylbenzene	5	ND		ND	
Ethyl ether	NC	ND		ND	
trans-1,4-Dichloro-2-butene	5	ND		ND	
Total VOCs	NC	5		8.3	

Notes:

AWQS - Ambient Water Quality Standards

ug/L - micrograms per liter

Q - Laboratory Qualifier

J - Estimated Concentration

P - The RPD exceeds the method specific criteria

I - Lower value reported due to laboratory interference

BOLD - Constituent detected above laboratory Minimum Detection Limit

Yellow Highlight - Exceeds AWQS

Table 7 - Groundwater Sampling Analytical Results
Semivolatile Organic Compounds
327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	GW-1	GW-2	GW-3	TW-4	TW-5	TW-6							
SAMPLING DATE	10/26/2020	10/26/2020	10/26/2020	11/18/2020	11/18/2020	11/19/2020							
LAB SAMPLE ID	L2046625-01	L2046625-02	L2046625-03	L2051312-08	L2051312-09	L2051740-04							
SAMPLE TYPE	WATER		WATER		WATER								
	NY-AWQS	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q
Semivolatile Organics By GC/MS - (ug/l)													
1,2,4-Trichlorobenzene	5	ND		ND		ND		ND		ND		ND	
Bis(2-chloroethyl)ether	1	ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine	5	ND		ND		ND		ND		ND		ND	
2,4-Dinitrotoluene	5	ND		ND		ND		ND		ND		ND	
2,6-Dinitrotoluene	5	ND		ND		ND		ND		ND		ND	
4-Chlorophenyl phenyl ether	NC	ND		ND		ND		ND		ND		ND	
4-Bromophenyl phenyl ether	NC	ND		ND		ND		ND		ND		ND	
Bis(2-chloroisopropyl)ether	5	ND		ND		ND		ND		ND		ND	
Bis(2-chloroethoxy)methane	5	ND		ND		ND		ND		ND		ND	
Hexachlorocyclopentadiene	5	ND		ND		ND		ND		ND		ND	
Isophorone	50	ND		ND		ND		ND		ND		ND	
Nitrobenzene	0.4	ND		ND		ND		ND		ND		ND	
NDPA/DPA	50	ND		ND		ND		0.62	J	ND		ND	
n-Nitrosodi-n-propylamine	NC	ND		ND		ND		ND		ND		ND	
Bis(2-ethylhexyl)phthalate	5	1.6	J	1.8	J	1.7	J	ND		2.3	J	ND	
Butyl benzyl phthalate	50	ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	50	0.85	J	0.72	J	0.57	J	ND		ND		ND	
Di-n-octylphthalate	50	ND		ND		ND		ND		ND		ND	
Diethyl phthalate	50	ND		ND		ND		ND		ND		ND	
Dimethyl phthalate	50	ND		ND		ND		ND		ND		ND	
Biphenyl	NC	ND		ND		ND		ND		ND		ND	
4-Chloroaniline	5	ND		ND		ND		ND		ND		ND	
2-Nitroaniline	5	ND		ND		ND		ND		ND		ND	
3-Nitroaniline	5	ND		ND		ND		ND		ND		ND	
4-Nitroaniline	5	ND		ND		ND		ND		ND		ND	
Dibenzofuran	NC	ND		ND		ND		ND		ND		ND	
1,2,4,5-Tetrachlorobenzene	5	ND		ND		ND		ND		ND		ND	
Acetophenone	NC	ND		ND		ND		ND		ND		ND	
2,4,6-Trichlorophenol	NC	ND		ND		ND		ND		ND		ND	
p-Chloro-m-cresol	NC	ND		ND		ND		ND		ND		ND	
2-Chlorophenol	NC	ND		ND		ND		ND		ND		ND	
2,4-Dichlorophenol	1	ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	50	ND		ND		ND		ND		ND		ND	
2-Nitrophenol	NC	ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NC	ND		ND		ND		ND		ND		ND	
2,4-Dinitrophenol	10	ND		ND		ND		ND		ND		ND	

Table 7 - Groundwater Sampling Analytical Results
Semivolatile Organic Compounds
327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	GW-1	GW-2	GW-3	TW-4	TW-5	TW-6							
SAMPLING DATE	10/26/2020	10/26/2020	10/26/2020	11/18/2020	11/18/2020	11/19/2020							
LAB SAMPLE ID	L2046625-01	L2046625-02	L2046625-03	L2051312-08	L2051312-09	L2051740-04							
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER							
	NY-AWQS	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q
Semivolatile Organics By GC/MS - (ug/l)													
4,6-Dinitro-o-cresol	NC	ND		ND		ND		ND		ND		ND	
Phenol	1	ND		ND		ND		6.2		0.72	J	1.9	J
2-Methylphenol	NC	ND		ND		ND		ND		ND		ND	
3-Methylphenol/4-Methylphenol	NC	ND		ND		ND		ND		ND		ND	
2,4,5-Trichlorophenol	NC	ND		ND		ND		ND		ND		ND	
Benzoic Acid	NC	ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	NC	ND		ND		ND		ND		ND		ND	
Carbazole	NC	ND		ND		ND		ND		ND		ND	
Total SVOCs	NC	2.45	-	2.52	-	2.27	-	6.82	-	3.02	-	1.9	-
Acenaphthene	20	0.04	J	0.1	J	ND		0.04	J	0.23		ND	
2-Chloronaphthalene	10	ND		ND		ND		ND		ND		ND	
Fluoranthene	50	1.6		5.4		0.74		0.06	J	0.04	J	0.08	J
Hexachlorobutadiene	0.5	ND		ND		ND		ND		ND		ND	
Naphthalene	10	0.06	J	0.19		ND		0.2		0.08	J	0.09	J
Benzo(a)anthracene	0.002	0.8		4.9		0.54		0.04	J	ND		0.06	J
Benzo(a)pyrene	0	0.86		5		0.54		0.03	J	ND		0.06	J
Benzo(b)fluoranthene	0.002	1.1		5.7		0.58		0.04	J	ND		0.07	J
Benzo(k)fluoranthene	0.002	0.3		1.7		0.19		0.02	J	ND		0.02	J
Chrysene	0.002	0.9		5.9		0.63		0.02	J	ND		0.05	J
Acenaphthylene	NC	0.06	J	0.37		0.03	J	ND		0.12		ND	
Anthracene	50	0.1		0.43		0.07	J	0.02	J	0.15		0.04	J
Benzo(ghi)perylene	NC	0.66		4.2		0.4		0.06	J	0.05	J	0.05	J
Fluorene	50	0.05	J	0.15		0.02	J	0.04	J	0.53		0.02	J
Phenanthrene	50	0.75		3.8		0.41		0.07	J	0.21		0.09	J
Dibenzo(a,h)anthracene	NC	0.13		0.98		0.1	J	ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.002	0.63		3.6		0.38		0.03	J	ND		0.05	J
Pyrene	50	2		8.1		1		0.09	J	0.14		0.1	
2-Methylnaphthalene	NC	0.07	J	0.12		ND		0.7		0.21		0.24	
Pentachlorophenol	1	ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.04	ND		ND		ND		ND		ND		ND	
Hexachloroethane	5	ND		ND		ND		ND		ND		ND	
Total SVOCs	NC	10.11	-	50.64	-	5.63	-	1.46	-	1.76	-	1.02	-

Notes:

AWQS - Ambient Water Quality Standards

ug/L - micrograms per liter

Q - Laboratory Qualifier

J - Estimated Concentration

P - The RPD exceeds the method specific criteria

I - Lower value reported due to laboratory interference

Table 7 - Groundwater Sampling Analytical Results
 Semivolatile Organic Compounds
 327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	GW-1		GW-2		GW-3		TW-4		TW-5		TW-6		
SAMPLING DATE	10/26/2020		10/26/2020		10/26/2020		11/18/2020		11/18/2020		11/19/2020		
LAB SAMPLE ID	L2046625-01		L2046625-02		L2046625-03		L2051312-08		L2051312-09		L2051740-04		
SAMPLE TYPE	WATER		WATER		WATER		WATER		WATER		WATER		
	NY-AWQS	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q
Semivolatile Organics By GC/MS - (ug/l)													

BOLD - Constituent detected above laboratory Minimum Detection Limit

Yellow Highlight - Exceeds AWQS

Table 8 - Groundwater Sampling Analytical Results
 Total and Dissolved Metals
 327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	GW-1	GW-2	GW-3	TW-4	TW-5	TW-6							
SAMPLING DATE	10/26/2020	10/26/2020	10/26/2020	11/18/2020	11/18/2020	11/19/2020							
LAB SAMPLE ID	L2046625-01	L2046625-02	L2046625-03	L2051312-08	L2051312-09	L2051740-04							
SAMPLE TYPE	WATER		WATER		WATER								
	NY-AWQS	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q		
Dissolved Metals - (ug/l)													
Aluminum, Dissolved	NC	5.62	J	11.8		34.2		6.52	J	16.5	J	31.7	
Antimony, Dissolved	3	ND		4.15		1.38	J	0.68	J	ND		2.64	J
Arsenic, Dissolved	25	0.2	J	0.31	J	0.51		0.24	J	ND		1.38	
Barium, Dissolved	1000	84.88		99.32		129.9		167.1		120.8		115.6	
Beryllium, Dissolved	3	ND		ND		ND		ND		ND		ND	
Cadmium, Dissolved	5	ND		ND		ND		ND		ND		ND	
Calcium, Dissolved	NC	313000		62600		90200		131000		134000		102000	
Chromium, Dissolved	50	0.64	J	0.94	J	2.43		ND		ND		3.22	
Cobalt, Dissolved	NC	3.02		4.53		2.64		9.11		1.91	J	1.71	
Copper, Dissolved	200	ND		1.32		1.91		ND		ND		5.91	
Iron, Dissolved	300	76400		ND		65.6		22.7	J	ND		46.7	J
Lead, Dissolved	25	ND		1.54		4.72		ND		ND		8.16	
Magnesium, Dissolved	35000	118000		44500		228000		53200		158000		117000	
Manganese, Dissolved	300	6889		706.1		199.2		2281		878.9		171.1	
Mercury, Dissolved	0.7	ND		ND		ND		ND		ND		ND	
Nickel, Dissolved	100	7.82		5.19		6.48		34.49		6.41	J	20.53	
Potassium, Dissolved	NC	15400		9440		12700		23600		11400		21600	
Selenium, Dissolved	10	ND		3.49	J	6.42		ND		ND		5.67	
Silver, Dissolved	50	ND		ND		ND		ND		ND		ND	
Sodium, Dissolved	20000	147000		518000		1010000		615000		880000		946000	
Thallium, Dissolved	0.5	0.2	J	0.29	J	ND		ND		ND		ND	
Vanadium, Dissolved	NC	ND		ND		ND		ND		ND		3.63	J
Zinc, Dissolved	2000	11.54		4.58	J	ND		ND		ND		6.74	J

Table 8 - Groundwater Sampling Analytical Results
 Total and Dissolved Metals
 327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	GW-1	GW-2	GW-3	TW-4	TW-5	TW-6							
SAMPLING DATE	10/26/2020	10/26/2020	10/26/2020	11/18/2020	11/18/2020	11/19/2020							
LAB SAMPLE ID	L2046625-01	L2046625-02	L2046625-03	L2051312-08	L2051312-09	L2051740-04							
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER							
	NY-AWQS	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q
Total Metals - (ug/l)													
Aluminum, Total	NC	3260		27700		15300		236000		13900		40800	
Antimony, Total	3	ND		0.73	J	ND		ND		ND		5.54	J
Arsenic, Total	25	2.11		9.37		6.41		30.43		1.58	J	25.66	
Barium, Total	1000	241.2		5348		367.3		4612		288.7		3515	
Beryllium, Total	3	0.69		1.76		1.17	J	21.89		0.96	J	2.79	
Cadmium, Total	5	0.09	J	2.31		0.34	J	1.17	J	ND		4.81	
Calcium, Total	NC	320000		301000		171000		323000		143000		583000	
Chromium, Total	50	8.56		47.66		34.74		747.9		35.03		181.8	
Cobalt, Total	NC	5.33		71.79		31.1		301.3		12.62		47.33	
Copper, Total	200	16.95		126.2		40.56		1617		38.61		187.3	
Iron, Total	300	134000		36500		31400		542000		33700		63700	
Lead, Total	25	76.5		3501		1474		351.6		10.06		10660	
Magnesium, Total	35000	125000		114000		237000		170000		146000		162000	
Manganese, Total	300	7096		3188		2516		12050		1452		2821	
Mercury, Total	0.7	ND		ND		ND		ND		ND		0.9	
Nickel, Total	100	15.7		65.97		48.98		1036		46.79		142.6	
Potassium, Total	NC	16900		18000		20000		184000		16000		30100	
Selenium, Total	10	ND		6.44		12.1	J	18.5	J	ND		ND	
Silver, Total	50	ND		0.17	J	ND		ND		ND		ND	
Sodium, Total	20000	153000		547000		1120000		636000		749000		728000	
Thallium, Total	0.5	0.16	J	0.54		ND		6.89	J	ND		1.79	J
Vanadium, Total	NC	13.04		190.8		79.65		585		26.19		272.8	
Zinc, Total	2000	55.39		2228		197.9		1016		65.52		2693	
General Chemistry - (ug/l)													
Cyanide, Total	200	ND		5		3	J	2	J	4	J	5	

Notes:

AWQS - Ambient Water Quality Standards

ug/L - micrograms per liter

Q - Laboratory Qualifier

J - Estimated Concentration

P - The RPD exceeds the method specific criteria

I - Lower value reported due to laboratory interference

BOLD - Constituent detected above laboratory Minimum Detection Limit

Yellow Highlight - Exceeds AWQS

Table 9 - Groundwater Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	GW-1	GW-2	GW-3	TW-4	TW-5	TW-6							
SAMPLING DATE	10/26/2020	10/26/2020	10/26/2020	11/18/2020	11/18/2020	11/19/2020							
LAB SAMPLE ID	L2046625-01	L2046625-02	L2046625-03	L2051312-08	L2051312-09	L2051740-04							
SAMPLE TYPE	WATER		WATER		WATER								
	NY-AWQS	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q
Organochlorine Pesticides By GC - (ug/l)													
Delta-BHC	0.04	ND		ND		ND		ND		ND		ND	
Lindane	0.05	ND		ND		ND		ND		ND		ND	
Alpha-BHC	0.01	ND		ND		ND		ND		ND		ND	
Beta-BHC	0.04	ND		ND		ND		ND		ND		ND	
Heptachlor	0.04	ND		ND		ND		ND		ND		ND	
Aldrin	0	ND		ND		ND		ND		ND		ND	
Heptachlor epoxide	0.03	ND		0.021		ND		ND		ND		0.009	JIP
Endrin	0	ND		ND		ND		ND		ND		ND	
Endrin aldehyde	5	ND		ND		ND		ND		ND		ND	
Endrin ketone	5	ND		ND		ND		ND		ND		ND	
Dieldrin	0.004	ND		0.047		0.016	J	ND		ND		0.136	
4,4'-DDE	0.2	ND		0.231		0.113		0.01	J	ND		0.556	
4,4'-DDD	0.3	ND		0.085		0.018	J	ND		ND		0.059	
4,4'-DDT	0.2	ND		1.08		0.41		ND		ND		1.04	
Endosulfan I	NC	ND		ND		ND		ND		ND		ND	
Endosulfan II	NC	ND		ND		ND		ND		ND		ND	
Endosulfan sulfate	NC	ND		ND		ND		ND		ND		ND	
Methoxychlor	35	ND		0.177		ND		ND		ND		0.309	
Toxaphene	0.06	ND		ND		ND		ND		ND		ND	
cis-Chlordane	NC	ND		0.061	IP	0.032	IP	ND		ND		0.098	
trans-Chlordane	NC	ND		0.095	IP	0.05		ND		ND		0.092	
Chlordane	0.05	ND		0.766		0.387		ND		ND		1.2	P

Table 9 - Groundwater Sampling Analytical Results
Pesticides and PCBs
327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	GW-1	GW-2	GW-3	TW-4	TW-5	TW-6
SAMPLING DATE	10/26/2020	10/26/2020	10/26/2020	11/18/2020	11/18/2020	11/19/2020
LAB SAMPLE ID	L2046625-01	L2046625-02	L2046625-03	L2051312-08	L2051312-09	L2051740-04
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER
PCBs By GC - (ug/l)						
Aroclor 1016	0.09	ND	ND	ND	ND	ND
Aroclor 1221	0.09	ND	ND	ND	ND	ND
Aroclor 1232	0.09	ND	ND	ND	ND	ND
Aroclor 1242	0.09	ND	ND	ND	ND	ND
Aroclor 1248	0.09	ND	0.723	ND	ND	ND
Aroclor 1254	0.09	0.048	J	0.214	0.062	J
Aroclor 1260	0.09	ND	0.049	J	ND	ND
Aroclor 1262	0.09	ND	ND	ND	ND	ND
Aroclor 1268	0.09	ND	ND	ND	ND	ND
PCBs, Total	0.09	0.048	J	0.986	J	0.062

Notes:

AWQS - Ambient Water Quality Standards

ug/L - micrograms per liter

Q - Laboratory Qualifier

J - Estimated Concentration

P - The RPD exceeds the method specific criteria

I - Lower value reported due to laboratory interference

BOLD - Constituent detected above laboratory Minimum Detection Limit

Yellow Highlight - Exceeds AWQS

Table 10 - Groundwater Sampling Analytical Results
PFAS
327-329 Huguenot Street, New Rochelle, Westchester County, New York

LOCATION	GW-1		GW-2		GW-3		TW-4		TW-5		TW-6		
SAMPLING DATE	10/26/2020		10/26/2020		10/26/2020		11/18/2020		11/18/2020		11/19/2020		
LAB SAMPLE ID	L2046625-01		L2046625-02		L2046625-03		L2051312-08		L2051312-09		L2051740-04		
SAMPLE TYPE	WATER		WATER		WATER		WATER		WATER		WATER		
	GWGV	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q
Perfluorinated Alkyl Acids By Isotope Dilution - (ug/l)													
Perfluorobutanoic Acid (PFBA)	0.1	0.0156		0.00862		0.0114		0.0106		0.0085		0.0241	
Perfluoropentanoic Acid (PFPeA)	0.1	0.036		0.0107		0.015		0.0137		0.0156		0.0557	
Perfluorobutanesulfonic Acid (PFBS)	0.1	0.00878		0.00872		0.0101		0.00788		0.0091		0.0114	
Perfluorohexanoic Acid (PFHxA)	0.1	0.0304		0.00817		0.0102		0.00955		0.0105		0.0506	
Perfluoroheptanoic Acid (PFHpA)	0.1	0.0154		0.0051		0.011		0.00614		0.00936		0.051	
Perfluorohexanesulfonic Acid (PFHxS)	0.1	0.00566		0.00195	J	0.00472		0.00277		0.0057	F	0.0116	
Perfluorooctanoic Acid (PFOA)	0.01	0.037		0.0121		0.0216		0.0146	F	0.0226	F	0.0926	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.1	ND		ND		ND		ND		ND		ND	
Perfluoroheptanesulfonic Acid (PFHpS)	0.1	ND		ND		ND		ND		0.00166	J	0.0022	
Perfluorononanoic Acid (PFNA)	0.1	0.01		0.00251		0.00217		0.00252		0.00286		0.0282	
Perfluorooctanesulfonic Acid (PFOS)	0.01	0.0207		0.0352		0.0464		0.0243	F	0.0491	F	0.522	
Perfluorodecanoic Acid (PFDA)	0.1	0.000548	J	0.00302		0.000706	J	0.000948	J	0.000777	J	0.0234	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.1	ND		ND		ND		ND		ND		ND	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.1	ND		ND		ND		ND		ND		ND	
Perfluoroundecanoic Acid (PFUnA)	0.1	ND		ND		ND		ND		ND		0.00572	
Perfluorodecanesulfonic Acid (PFDS)	0.1	ND		ND		ND		ND		ND		0.00646	
Perfluorooctanesulfonamide (FOSA)	0.1	ND		ND		0.000981	JF	ND		ND		0.00779	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.1	ND		ND		0.00593		ND		ND		0.0468	
Perfluorododecanoic Acid (PFDoA)	0.1	ND		ND		ND		ND		ND		0.00491	
Perfluorotridecanoic Acid (PFTrDA)	0.1	ND		ND		ND		ND		ND		0.00264	F
Perfluorotetradecanoic Acid (PFTA)	0.1	ND		ND		ND		ND		ND		0.00199	J
PFOA/PFOS, Total	0.5	0.0577		0.0473		0.068		0.0389		0.0717		0.615	

Notes:

GWGV - Groundwater Guidance Values

ug/L - micrograms per liter

Q - Laboratory Qualifier

BOLD - Constituent detected above laboratory Minimum Detection Limit

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.

Exceeds Criteria

Table 11 - Soil Vapor Sampling Analytical Results
Volatile Organic Compounds
327-329 Huguenot Street, New Rochelle, New York

LOCATION				V-1		V-2		V-3		V-4		AA-1	
SAMPLING DATE				10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020	
LAB SAMPLE ID				L2046072-01		L2046072-03		L2046072-04		L2046072-05		L2046072-02	
SAMPLE TYPE				SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		AIR	
	NY-SSC-A	NY-SSC-B	NY-SSC-C	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q
Volatile Organics In Air - (ug/m3)													
Dichlorodifluoromethane	NC	NC	NC	2.68		3.26		2.34		2.7		2.16	
Chloromethane	NC	NC	NC	0.456		0.413	U	0.677		0.622		0.964	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	NC	NC	NC	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Vinyl chloride	NC	NC	6	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U
1,3-Butadiene	NC	NC	NC	0.56		0.442	U	0.442	U	0.442	U	0.442	U
Bromomethane	NC	NC	NC	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U
Chloroethane	NC	NC	NC	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U
Ethyl Alcohol	NC	NC	NC	188		202		98		23.9		21.5	
Vinyl bromide	NC	NC	NC	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U
Acetone	NC	NC	NC	13.8		39.2		46.6		37.5		8.77	
Trichlorofluoromethane	NC	NC	NC	9.33		29.7		7.08		15.7		1.12	U
iso-Propyl Alcohol	NC	NC	NC	2.08		2.51		32.9		2.95		3.44	
1,1-Dichloroethene	6	NC	NC	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
tert-Butyl Alcohol	NC	NC	NC	3.02		11.4		7.4		12.5		1.52	U
Methylene chloride	NC	100	NC	1.74	U	1.74	U	1.74	U	1.85		1.74	U
3-Chloropropene	NC	NC	NC	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U
Carbon disulfide	NC	NC	NC	9.09		1.04		2.33		0.906		0.623	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NC	NC	NC	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U
trans-1,2-Dichloroethene	NC	NC	NC	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
1,1-Dichloroethane	NC	NC	NC	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
Methyl tert butyl ether	NC	NC	NC	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
2-Butanone	NC	NC	NC	8.23		34.8		110		65.8		1.47	U
cis-1,2-Dichloroethene	6	NC	NC	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
Ethyl Acetate	NC	NC	NC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
Chloroform	NC	NC	NC	1.43		2.09		0.977	U	2.02		0.977	U
Tetrahydrofuran	NC	NC	NC	4.9		9.08		8.55		3.42		1.47	U
1,2-Dichloroethane	NC	NC	NC	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
n-Hexane	NC	NC	NC	9.97		6.24		7.89		3.81		0.99	
1,1,1-Trichloroethane	NC	100	NC	1.09	U	1.44		1.09	U	1.09	U	1.09	U
Benzene	NC	NC	NC	1.41		1.69		1.99		1.32		0.764	
Carbon tetrachloride	6	NC	NC	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U
Cyclohexane	NC	NC	NC	0.688	U	0.702		0.688	U	0.688	U	0.688	U
1,2-Dichloropropane	NC	NC	NC	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U
Bromodichloromethane	NC	NC	NC	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U
Xylene (Total)	NC	NC	NC	19.7		22.3		9.9		7.6		0.869	U
1,4-Dioxane	NC	NC	NC	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
Trichloroethene	6	NC	NC	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U
2,2,4-Trimethylpentane	NC	NC	NC	1.01		1.33		3.24		1.71		0.934	U
Heptane	NC	NC	NC	1.98		1.99		3.57		1.21		0.82	U

Table 11 - Soil Vapor Sampling Analytical Results
 Volatile Organic Compounds
 327-329 Huguenot Street, New Rochelle, New York

LOCATION				V-1		V-2		V-3		V-4		AA-1	
SAMPLING DATE				10/22/2020		10/22/2020		10/22/2020		10/22/2020		10/22/2020	
LAB SAMPLE ID				L2046072-01		L2046072-03		L2046072-04		L2046072-05		L2046072-02	
SAMPLE TYPE				SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		AIR	
	NY-SSC-A	NY-SSC-B	NY-SSC-C	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q	RESULT	Q
Volatile Organics In Air - (ug/m3)													
cis-1,3-Dichloropropene	NC	NC	NC	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
4-Methyl-2-pentanone	NC	NC	NC	2.05	U	2.62		2.05	U	2.05	U	2.05	U
trans-1,3-Dichloropropene	NC	NC	NC	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
1,1,2-Trichloroethane	NC	NC	NC	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U
Toluene	NC	NC	NC	6.56		9.01		6.82		4.03		1.42	
1,2-Dichloroethene (total)	NC	NC	NC	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
2-Hexanone	NC	NC	NC	0.82	U	0.82	U	3.42		3.55		0.82	U
1,3-Dichloropropene, Total	NC	NC	NC	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
Dibromochloromethane	NC	NC	NC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,2-Dibromoethane	NC	NC	NC	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U
Tetrachloroethene	NC	100	NC	2.43		3.74		1.91		3.2		1.36	U
Chlorobenzene	NC	NC	NC	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U
Ethylbenzene	NC	NC	NC	2.95		3.27		1.64		1.23		0.869	U
p/m-Xylene	NC	NC	NC	14.9		16.8		7.17		5.47		1.74	U
Bromoform	NC	NC	NC	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U
Styrene	NC	NC	NC	0.971		0.988		0.852	U	0.852	U	0.852	U
1,1,2,2-Tetrachloroethane	NC	NC	NC	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U
o-Xylene	NC	NC	NC	4.82		5.52		2.74		2.11		0.869	U
4-Ethyltoluene	NC	NC	NC	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
1,3,5-Trimethylbenzene	NC	NC	NC	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
1,2,4-Trimethylbenzene	NC	NC	NC	1.81		1.4		1.25		0.993		0.983	U
Benzyl chloride	NC	NC	NC	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U
1,3-Dichlorobenzene	NC	NC	NC	1.2	U	1.2	U	1.34		1.2	U	1.2	U
1,4-Dichlorobenzene	NC	NC	NC	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2-Dichlorobenzene	NC	NC	NC	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2,4-Trichlorobenzene	NC	NC	NC	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U
Hexachlorobutadiene	NC	NC	NC	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U

Notes:

NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria

NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria

NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria

Q - Laboratory Qualifier

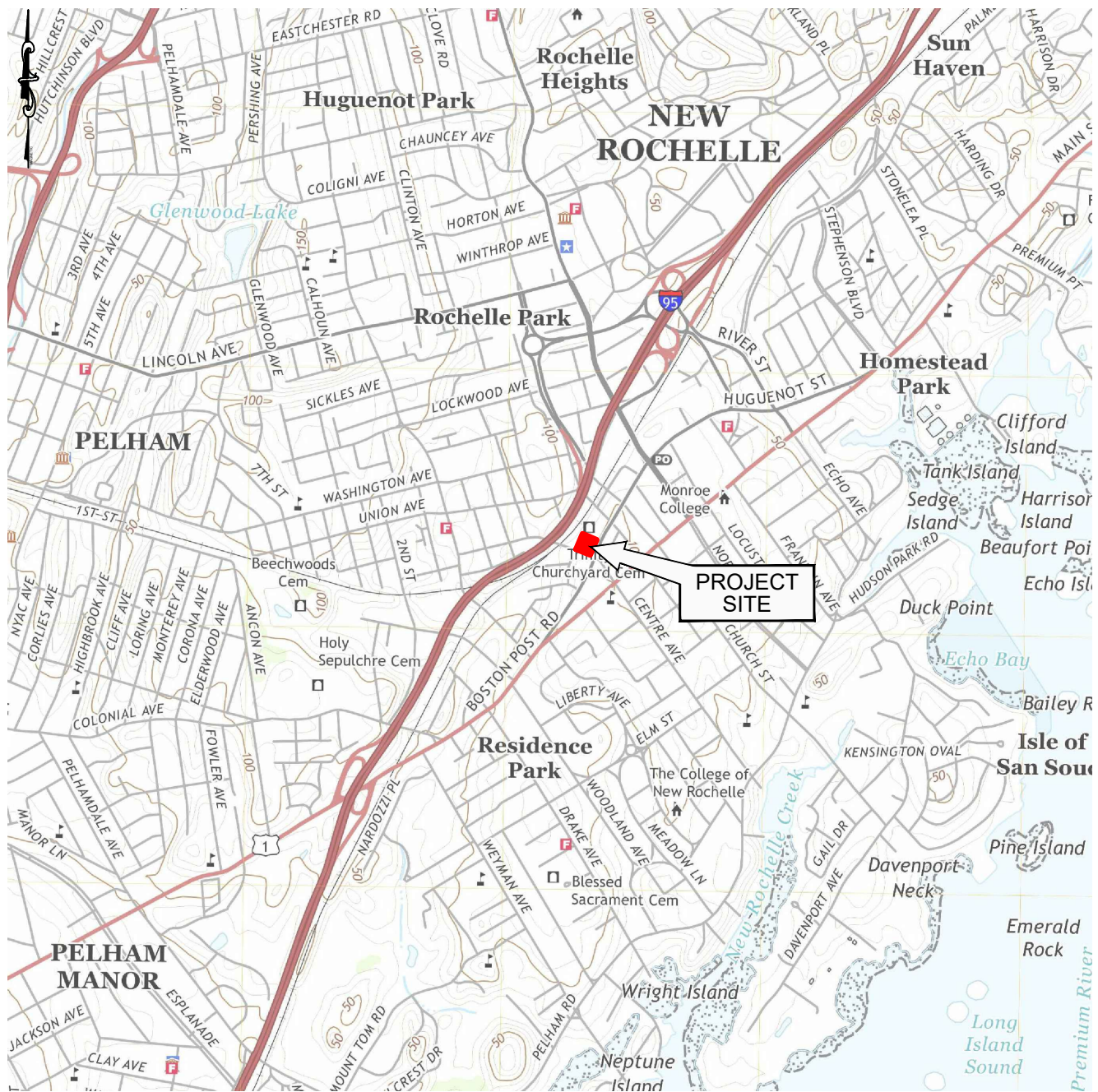
U - Analyte Not Detected

NC - No Criteria

ug/m3 - micrograms per cubic meter

FIGURES

N:\ACAD\11571\CAD\PHASE II\11571 - FIG-1 - SITE LOCATION MAP.DWG 01/07/21 12:01:40PM, aas, LAYOUT:FIG-1



REFERENCE:
HISTORICAL TOPOGRAPHICAL MAP OBTAINED FROM USGS DATABASE, DATED 2019.



1	2	3
4	5	
6	7	8

ADJOINING QUADRANGLES

- 1 Nyack
- 2 White Plains
- 3 Glenville
- 4 Tonawanda
- 5 Mamaroneck
- 6 Central Park
- 7 Flushing
- 8 Sea Cliff

Scale 1"=2000'



329 HUGUENOT STREET
NEW ROCHELLE, NEW YORK

SITE LOCATION MAP

SESI
CONSULTING
ENGINEERS D.P.C.

SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL

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

FIG-1

DRAWN BY: aas

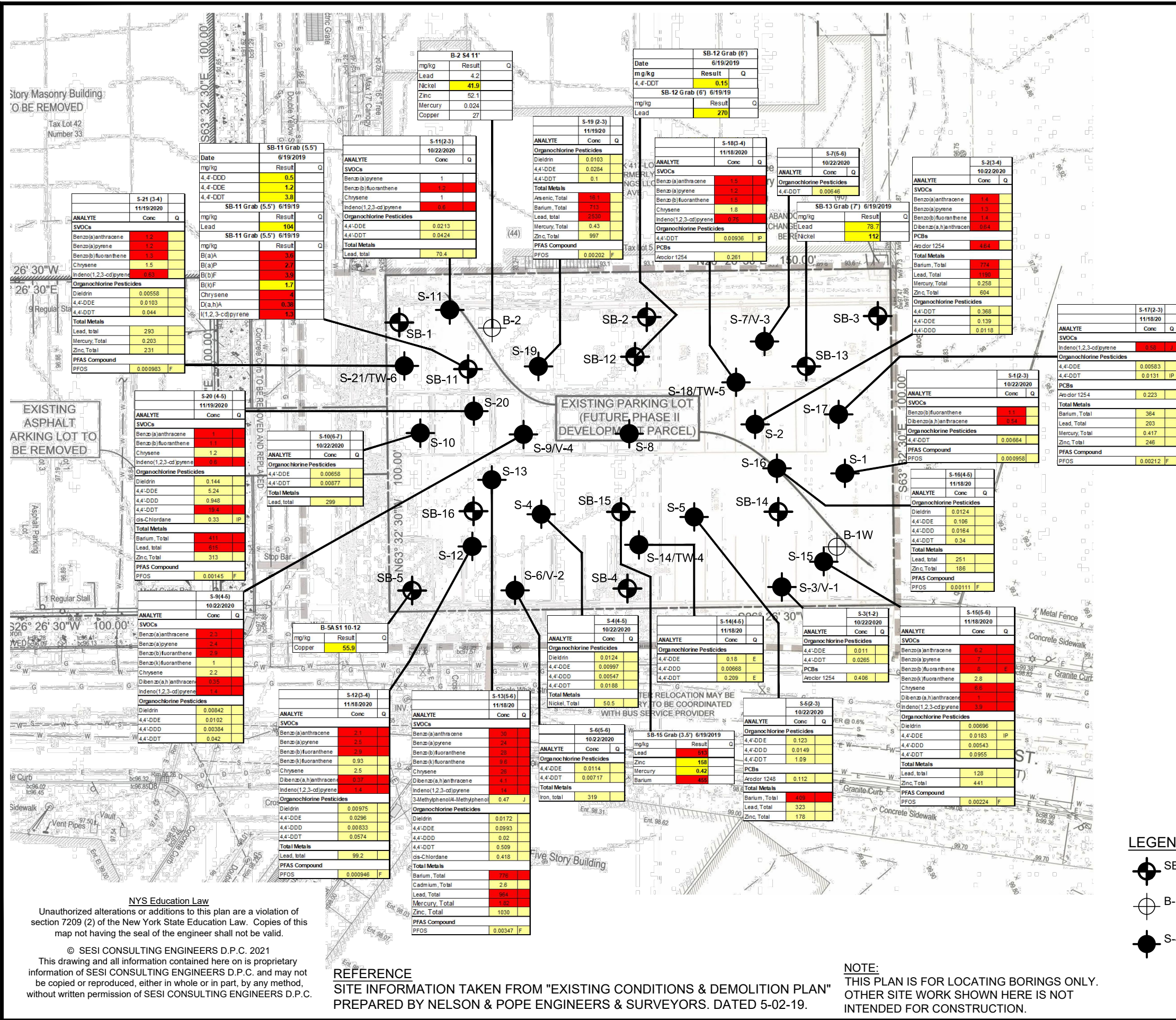
CHECKED BY: JAM

SCALE: AS NOTED

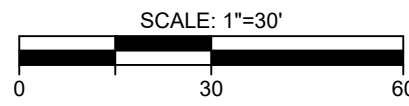
DATE: 01/07/2021

JOB NO.: 11571

N:\ACAD\11571\CAD\PHASE II\11571 - FIG-2 - SOIL SAMPLE RESULTS PLAN.DWG 01/13/21 10:59:19AM, aas, LAYOUT.FIG-2



ANALYTE	NY-RESR (mg/kg)		
	NY-RESR	NY-RESR	NY-UNRES
SVOCs			
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	1	1
Benzo(b)fluoranthene	1	1	1
Benzo(k)fluoranthene	1	3.9	0.8
Chrysene	1	3.9	1
Dibenz(a,h)anthracene	0.33	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5
3-Methylphenol/4-Methylphenol	34	100	0.33
Total Metals			
Arsenic	16	16	13
Barium	350	400	350
Cadmium	2.5	4.3	2.5
Lead	400	400	63
Mercury	0.81	0.81	0.18
Zinc	2200	10000	109
Organochlorine Pesticides			
Dieldrin	0.039	0.2	0.005
4,4'-DDE	1.8	8.9	0.0033
4,4'-DDD	2.6	13	0.0033
4,4'-DDT	1.7	7.9	0.0033
o,s-Chlordane	0.91	4.2	0.094
PCBs			
Aroclor 1254	1	1	0.1



- LEGEND:**
- SB-1 - SOIL BORING NUMBER & APPROX. LOCATION BY SESI (2019)
 - B-1 - SOIL BORING NUMBER & APPROX. LOCATION BY OTHERS
 - S-4 - SOIL BORING NUMBER & APPROX. LOCATION BY SESI (2020)

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

REFERENCE
SITE INFORMATION TAKEN FROM "EXISTING CONDITIONS & DEMOLITION PLAN" PREPARED BY NELSON & POPE ENGINEERS & SURVEYORS. DATED 5-02-19.

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

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dwg by: aas
chk by: JAM
scale: 1" = 40'
date: 01/13/2021

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

329 HUGUENOT STREET
NEW ROCHELLE, NEW YORK
SOIL SAMPLE RESULTS PLAN

job no: 11571
drawing no:

FIG-2

N:\ACAD\11571\CAD\PHASE II\11571 - FIG-3 - GROUNDWATER SAMPLING RESULTS PLAN.DWG 01/13/21 01:22:52PM. acs. LAYOUT:FIG-3

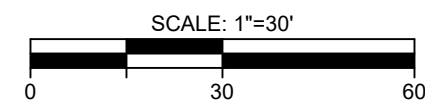


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REFERENCE
 SITE INFORMATION TAKEN FROM "EXISTING CONDITIONS & DEMOLITION PLAN" PREPARED BY NELSON & POPE ENGINEERS & SURVEYORS. DATED 5-02-19.

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



LEGEND:
 GW-1 [Symbol] - GROUNDWATER SAMPLE NUMBER & APPROX. LOCATION

dwg by: yy
 chk by: MF
 scale: 1" = 40'
 date: 12/01/2020

SOILS / FOUNDATIONS
 SITE DESIGN
 ENVIRONMENTAL

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

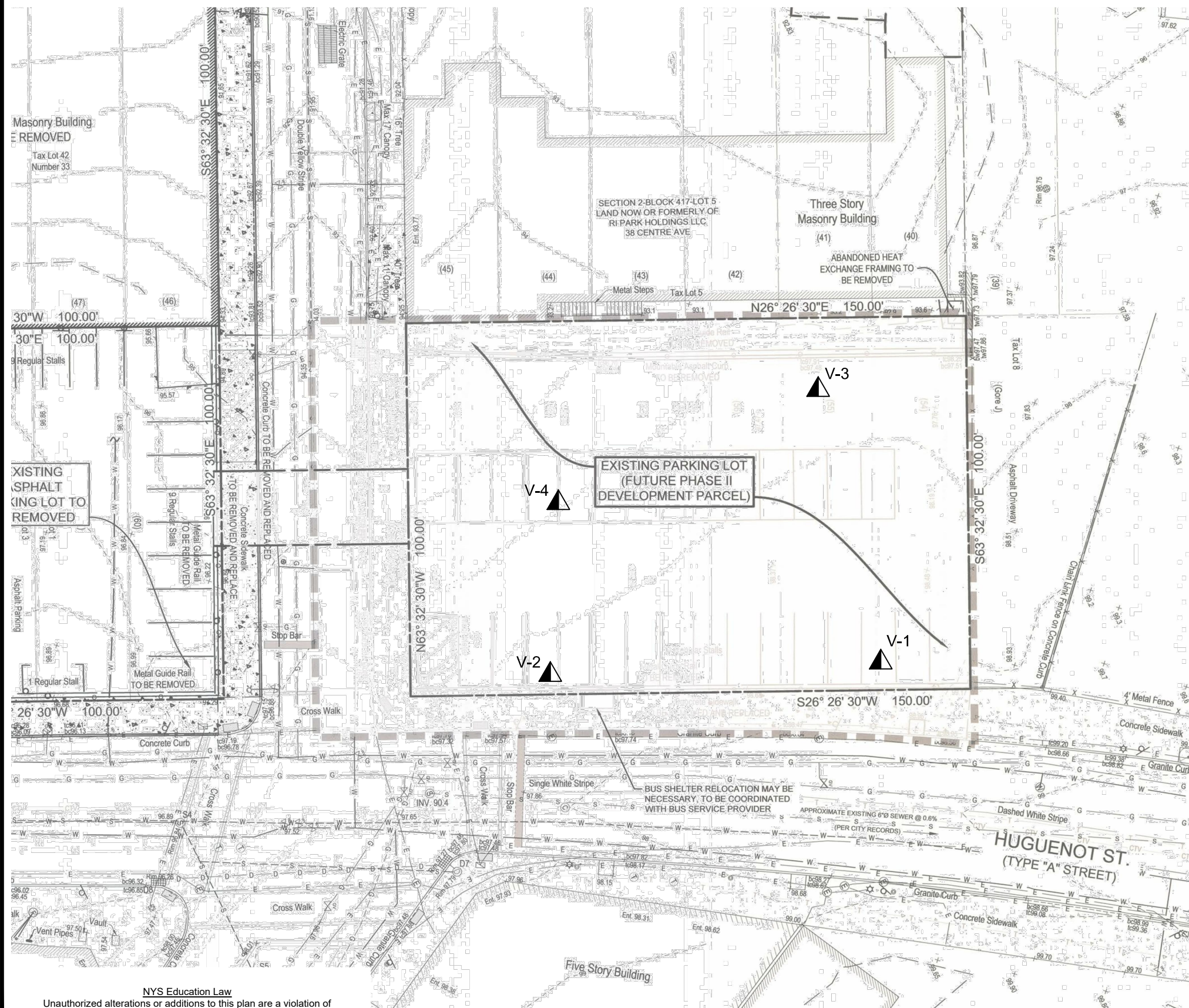
329 HUGUENOT STREET
 NEW ROCHELLE, NEW YORK

GROUNDWATER SAMPLING
 RESULTS PLAN

job no: 10785
 drawing no:

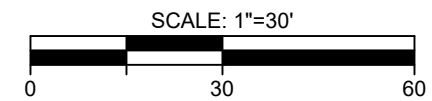
FIG-3

N:\ACAD\11571\CAD\PHASE II\11571 - FIG-4 - SOIL VAPOR SAMPLE LOCATION PLAN.DWG 01/07/21 04:26:43PM, .dws, LAYOUT:FIG-4



LEGEND:

V-1 ▲ - SOIL VAPOR SAMPLE NUMBER & APPROX. LOCATION



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REFERENCE
 SITE INFORMATION TAKEN FROM "EXISTING CONDITIONS & DEMOLITION PLAN" PREPARED BY NELSON & POPE ENGINEERS & SURVEYORS. DATED 5-02-19.

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

dwg by: yy
 chk by: MF
 scale: 1" = 40'
 date: 01/07/2021

SOILS / FOUNDATIONS
 SITE DESIGN
 ENVIRONMENTAL

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


329 HUGUENOT STREET
 NEW ROCHELLE, NEW YORK

SOIL VAPOR SAMPLING PLAN

job no: 10785
 drawing no:

FIG-4

APPENDIX A
Boring Logs

				PROJECT NAME: 327 Huguenot		GEOPROBE NO. S-1	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 10/22/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 10/22/20		0 Hr.	-
						24 Hr.	Date
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	1		Asphalt	0
			1			FILL: BRICK, some brown coarse to fine Sand	0
	22	1			S-1 (2'-3')		8.8
							0
5							0
				6			0
			6			Light brown coarse to fine SAND, little Silt, trace Clay with Weathered Rock fragments	0
	26	2					0
							0
10							0
	20	3		12			0
							0
15						Boring Complete at 12 Feet BGS (Refusal) due to Direct Push refusal	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in


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

Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 2

				PROJECT NAME:		327 Huguenot		GEOPROBE NO.		S-2			
				LOCATION:		New Rochelle, NY		JOB NO.		11571			
				METHOD:		Direct Push		GROUND ELEVATION:		NA			
GEOPROBE BY:				Aarco (Julio)		DATE STARTED:		10/22/20		GROUNDWATER TABLE DEPTH:			
INSPECTOR:				JCS		DATE COMPLETED:		10/22/20		0 Hr. - 24 Hr. Date			
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID						
			FROM (ft)	TO (ft)									
0			0	1		Asphalt	0						
			1			FILL: BRICK, some brown coarse to fine Sand.	0						
20		1					0						
					S-2 (3'-4')		0						
5							0						
				6			0						
			6			Light brown coarse to fine SAND, little Silt, trace Clay with Weathered Rock fragments	0						
26		2					0						
				9			0						
10													
						Boring Complete at 9 Feet BGS (Refusal) due to Direct Push refusal							
15													
20													
25													
30													
35													
40													

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in


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

Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 3

				PROJECT NAME:		327 Huguenot		GEOPROBE NO.		S-3			
				LOCATION:		New Rochelle, NY		JOB NO.		11571			
				METHOD:		Direct Push		GROUND ELEVATION:		NA			
GEOPROBE BY:				Aarco (Julio)		DATE STARTED:		10/22/20		GROUNDWATER TABLE DEPTH:			
INSPECTOR:				JCS		DATE COMPLETED:		10/22/20		0 Hr. - 24 Hr. Date			
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID						
			FROM (ft)	TO (ft)									
0			0	1		Asphalt	0						
5	38	1	1		S-3 (1'-2')	FILL: BRICK, some brown coarse to fine Sand.	0						
							0						
							0						
10	30	2	6			Light brown coarse to fine SAND, little Silt, trace Clay with Weathered Rock fragments	0						
							0						
							0						
15			6			Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	0						
							0						
							0						
20							0						
							0						
							0						
25							0						
							0						
							0						
30							0						
							0						
							0						
35							0						
							0						
							0						
40							0						
							0						
							0						

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in


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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 4

				PROJECT NAME: 327 Huguenot		GEOPROBE NO. S-4	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 10/22/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 10/22/20		0 Hr. - 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	1		Asphalt	0
5			1			FILL: Brown coarse to fine SAND, some Brick and Concrete	0
	32	1					0
							0
				5	S-4 (4'-5')		0
10			5			Light brown coarse to fine SAND, trace Silt with Weathered Rock fragments	0
							0
	36	2					0
				10			0
15						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
20						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
25						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
30						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
35						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
40						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in


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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 5

				PROJECT NAME:		327 Huguenot		GEOPROBE NO.		S-5			
				LOCATION:		New Rochelle, NY		JOB NO.		11571			
				METHOD:		Direct Push		GROUND ELEVATION:		NA			
GEOPROBE BY:				Aarco (Julio)		DATE STARTED:		10/22/20		GROUNDWATER TABLE DEPTH:			
INSPECTOR:				JCS		DATE COMPLETED:		10/22/20		0 Hr. - 24 Hr. Date			
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID						
			FROM (ft)	TO (ft)									
0			0	1		Asphalt	0						
5			1			FILL: BRICK, some brown coarse to fine Sand	0						
	36	1			S-5 (2'-3')		0						
				5				0					
10			5			Light brown coarse to fine SAND, trace Silt with Weathered Rock fragments	0						
				7			0						
	20	2					Boring Complete at 7 Feet BGS (Refusal) due to Direct Push refusal						
15													
20													
25													
30													
35													
40													

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in


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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 6

				PROJECT NAME: 327 Huguenot		GEOPROBE NO. S-6	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 10/22/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 10/22/20		0 Hr. - 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	1		Asphalt	0
5			1			FILL: Brown coarse to fine SAND, some Brick and Concrete fragments	0
	36	1					0
							0
10				6	S-6 (5'-6')	Light brown coarse to fine SAND, trace Silt with Weathered Rock fragments	0
	38	2					0
				10			0
15						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in


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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 7

				PROJECT NAME: 327 Huguenot		GEOPROBE NO. S-7	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 10/22/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 10/22/20		0 Hr. - 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	1		Asphalt	0
5			1			FILL: Brown coarse to fine SAND, some Brick and Concrete fragments	0
	30	1			0		
				5	0		
					0		
10			5		S-7 (5'-6')	Light brown coarse to fine SAND, trace Silt with Weathered Rock fragments	0
					0		
	34	2			0		
				10	0		
15						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
20						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
25						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
30						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
35						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
40						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in


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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 8

				PROJECT NAME: 327 Huguenot		GEOPROBE NO. S-8	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 10/22/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 10/22/20		0 Hr. - 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	1		Asphalt	0
5			1			FILL: Brown coarse to fine SAND, some Brick and Concrete fragments	0
	28	1			0		
				5	0		
					0		
10			5			Light brown coarse to fine SAND, trace Silt with Weathered Rock fragments, some staining / fuel odor from 8-9'	0
	36	2			0		
					0		
				10	S-8 (8'-9')		67.2
						0	
15						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal	
20							
25							
30							
35							
40							


Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

				PROJECT NAME:		327 Huguenot		GEOPROBE NO.		S-9			
				LOCATION:		New Rochelle, NY		JOB NO.		11571			
				METHOD:		Direct Push		GROUND ELEVATION:		NA			
GEOPROBE BY:				Aarco (Julio)		DATE STARTED:		10/22/20		GROUNDWATER TABLE DEPTH:			
INSPECTOR:				JCS		DATE COMPLETED:		10/22/20		0 Hr. - 24 Hr. Date			
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID						
			FROM (ft)	TO (ft)									
0			0	1		Asphalt	0						
5			1			FILL: Brown coarse to fine SAND, some Brick and Concrete	0						
	35	1					0						
				5	S-9 (4'-5')		0						
10			5			Light brown coarse to fine SAND, trace Silt with Weathered Rock fragments	0						
	38	2					0						
				10			0						
15						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal							
20						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal							
25						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal							
30						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal							
35						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal							
40						Boring Complete at 10 Feet BGS (Refusal) due to Direct Push refusal							


Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

				PROJECT NAME: 327 Huguenot		GEOPROBE NO. S-10	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 10/22/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 10/22/20		0 Hr. - 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	1		Asphalt	0
5	38	1	1			FILL: BRICK, some brown coarse to fine Sand	0
							0
							0
10	30	2		8	S-10 (6'-7')		0
				8			0
				10		Light brown coarse to fine SAND, little Silt, trace Clay with Weathered Rock fragments	0
15						Boring Complete at 9± Feet BGS due to Direct Push refusal	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in.


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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 11

				PROJECT NAME:		327 Huguenot		GEOPROBE NO.		S-11			
				LOCATION:		New Rochelle, NY		JOB NO.		11571			
				METHOD:		Direct Push		GROUND ELEVATION:		NA			
GEOPROBE BY:				Aarco (Julio)		DATE STARTED:		10/22/20		GROUNDWATER TABLE DEPTH:			
INSPECTOR:				JCS		DATE COMPLETED:		10/22/20		0 Hr. - 24 Hr. Date			
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID						
			FROM (ft)	TO (ft)									
0			0	1		Asphalt	0						
5			1			FILL: BRICK, some brown coarse to fine Sand	0						
	32	1			S-11 (2'-3')		0						
				5				0					
10			5			Light brown coarse to fine SAND, trace Silt with Weathered Rock fragments	0						
	38	2		8			0						
								0					
						Boring Complete at 9± Feet BGS due to Direct Push refusal							
15													
20													
25													
30													
35													
40													

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in


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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 12

				PROJECT NAME: 329 Huguenot		GEOPROBE NO. S-12	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 11/18/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 11/18/20		0 Hr. - 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	0.5		Asphalt	0
			0.5			FILL: Brown coarse to fine SAND, little coarse to fine Gravel with Brick and Concrete fragments	0
			30	1			0
							0
5				5	S-12 (3'-4')		0
							0
10			5			Light brown coarse to fine SAND, some coarse to fine Gravel, with Weathered Rock fragments	0
			34	2			0
							0
						9	
15						Boring Complete at 9± Feet BGS due to Direct Push refusal	
20						Boring Complete at 9± Feet BGS due to Direct Push refusal	
25						Boring Complete at 9± Feet BGS due to Direct Push refusal	
30						Boring Complete at 9± Feet BGS due to Direct Push refusal	
35						Boring Complete at 9± Feet BGS due to Direct Push refusal	
40						Boring Complete at 9± Feet BGS due to Direct Push refusal	


Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

				PROJECT NAME:		329 Huguenot		GEOPROBE NO.		S-13			
				LOCATION:		New Rochelle, NY		JOB NO.		11571			
				METHOD:		Direct Push		GROUND ELEVATION:		NA			
GEOPROBE BY:				Aarco (Julio)		DATE STARTED:		11/18/20		GROUNDWATER TABLE DEPTH:			
INSPECTOR:				JCS		DATE COMPLETED:		11/18/20		0 Hr. - 24 Hr. Date			
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID						
			FROM (ft)	TO (ft)									
0			0	0.5		Asphalt	0						
5	33	1	0.5			FILL: Brown coarse to fine SAND with Brick and Concrete fragments	0						
							0						
							0						
10	38	2		7	S-13 (5'-6')		0						
				7			0						
				9		Light brown coarse to fine SAND, some coarse to fine Gravel with Weathered Rock fragments	0						
15						Boring Complete at 9± Feet BGS due to Direct Push refusal	0						
							0						
							0						
20							0						
							0						
							0						
25							0						
							0						
							0						
30							0						
							0						
							0						
35							0						
							0						
							0						
40							0						
							0						
							0						

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in


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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 14

				PROJECT NAME: 329 Huguenot		GEOPROBE NO. S-14	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 11/18/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 11/18/20		0 Hr. - 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	0.5		Asphalt	0
5			0.5			FILL: Brown coarse to fine SAND, trace coarse to fine Gravel with fragments of brick and concrete	0
	35	1					0
				5	S-14 (4'-5')		
10			5			Light brown coarse to fine SAND, trace Silt with Weathered Rock at the bottom	0
	36	2					0
				9			
15						Boring Complete at 9± Feet BGS due to Direct Push refusal	
20						Boring Complete at 9± Feet BGS due to Direct Push refusal	
25						Boring Complete at 9± Feet BGS due to Direct Push refusal	
30						Boring Complete at 9± Feet BGS due to Direct Push refusal	
35						Boring Complete at 9± Feet BGS due to Direct Push refusal	
40						Boring Complete at 9± Feet BGS due to Direct Push refusal	


Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

				PROJECT NAME: 329 Huguenot		GEOPROBE NO. S-15	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 11/18/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 11/18/20		0 Hr.	-
						24 Hr.	Date
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	0.5		Asphalt	0
			0.5			FILL: Brown coarse to fine SAND with fragments of brick and concrete	0
	38	1					0
							0
5							0
					S-15 (5'-6')		0
	40	2		7			0
			7	8		Weathered Rock	0
10						Boring Complete at 9± Feet BGS due to Direct Push refusal	
15							
20							
25							
30							
35							
40							


Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

				PROJECT NAME: 329 Huguenot		GEOPROBE NO. S-16		
				LOCATION: New Rochelle, NY		JOB NO. 11571		
				METHOD: Direct Push		GROUND ELEVATION: NA		
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 11/18/20		GROUNDWATER TABLE DEPTH:		
INSPECTOR: JCS				DATE COMPLETED: 11/18/20		0 Hr.	-	
DEPTH (ft)		RECOVERY (in)	SAMPLE TUBE No.	DEPTH (ft)		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0				FROM	TO			
				0	0.5		Asphalt	0
				0.5			FILL: Brown coarse to fine SAND, trace coarse to fine Gravel, with Brick and Concrete fragments	0
5		32	1					0
						S-16 (4'-5')		0
					6			0
							Weathered Rock	0
10		38	2	6	8			0
							Boring Complete at 9± Feet BGS due to Direct Push refusal	0
15								
20								
25								
30								
35								
40								


Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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

Pp: Pocket Penetrometer; DP: Direct Push

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

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

				PROJECT NAME:		329 Huguenot		GEOPROBE NO.		S-17			
				LOCATION:		New Rochelle, NY		JOB NO.		11571			
				METHOD:		Direct Push		GROUND ELEVATION:		NA			
GEOPROBE BY:				Aarco (Julio)		DATE STARTED:		11/18/20		GROUNDWATER TABLE DEPTH:			
INSPECTOR:				JCS		DATE COMPLETED:		11/18/20		0 Hr. 24 Hr. Date			
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID						
			FROM (ft)	TO (ft)									
0			0	0.5		Asphalt	0						
5			0.5			FILL: Brown coarse to fine SAND with fragments of brick and concrete	0						
	32	1			S-17 (2'-3')		0						
								0					
10				6			0						
	38	2	6			Weathered Rock	0						
				8			0						
15						Boring Complete at 9± Feet BGS due to Direct Push refusal							
20													
25													
30													
35													
40													


Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

				PROJECT NAME: 329 Huguenot		GEOPROBE NO. S-18	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 11/18/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 11/18/20		0 Hr.	24 Hr.
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	0.5		Asphalt	0
5			0.5			FILL: Brown coarse to fine SAND with fragments of brick and concrete S-18 (3'-4')	0
	34	1			0		
					0		
10				6		Weathered Rock	0
	40	2	6		0		
				9	0		
15						Boring Complete at 9± Feet BGS due to Direct Push refusal	
20						Boring Complete at 9± Feet BGS due to Direct Push refusal	
25						Boring Complete at 9± Feet BGS due to Direct Push refusal	
30						Boring Complete at 9± Feet BGS due to Direct Push refusal	
35						Boring Complete at 9± Feet BGS due to Direct Push refusal	
40						Boring Complete at 9± Feet BGS due to Direct Push refusal	


Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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

Pp: Pocket Penetrometer; DP: Direct Push
 Approximate Change in Strata: _____ Inferred Change in Strata: _____

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

FIGURE 19

				PROJECT NAME: 329 Huguenot		GEOPROBE NO. S-19	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 11/19/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 11/19/20		0 Hr.	24 Hr.
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	0.5		Asphalt	0
5			0.5			FILL: Brown coarse to fine SAND, little coarse to fine Gravel with fragments of brick and concrete	0
	38	1			S-19 (2'-3')		0
							0
10				6		Weathered Rock	0
		2	6				0
	34						0
15				9		Boring Complete at 9± Feet BGS due to Direct Push refusal	0
							0
							0
20						Boring Complete at 9± Feet BGS due to Direct Push refusal	0
							0
							0
25						Boring Complete at 9± Feet BGS due to Direct Push refusal	0
							0
							0
30						Boring Complete at 9± Feet BGS due to Direct Push refusal	0
							0
							0
35						Boring Complete at 9± Feet BGS due to Direct Push refusal	0
							0
							0
40						Boring Complete at 9± Feet BGS due to Direct Push refusal	0
							0
							0


Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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Pp: Pocket Penetrometer; DP: Direct Push
 Approximate Change in Strata: _____ Inferred Change in Strata: _____

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

FIGURE 20

				PROJECT NAME: 329 Huguenot		GEOPROBE NO. S-20		
				LOCATION: New Rochelle, NY		JOB NO. 11571		
				METHOD: Direct Push		GROUND ELEVATION: NA		
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 11/19/20		GROUNDWATER TABLE DEPTH:		
INSPECTOR: JCS				DATE COMPLETED: 11/19/20		0 Hr.	-	
DEPTH (ft)		RECOVERY (in)	SAMPLE TUBE No.	DEPTH (ft)		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0				FROM	TO			
				0	0.5		Asphalt	0
				0.5			FILL: Brown coarse to fine SAND, little coarse to fine Gravel with fragments of brick and concrete	0
5		32	1					0
					5	S-20 (4'-5')		0
								0
				5			Light brown coarse to fine SAND, little coarse to fine Gravel, trace Silt with Weathered Rock fragments	0
		38	2					0
					8			0
10							Boring Complete at 9± Feet BGS due to Direct Push refusal	
15								
20								
25								
30								
35								
40								


Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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

Pp: Pocket Penetrometer; DP: Direct Push

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

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

				PROJECT NAME: 329 Huguenot		GEOPROBE NO. S-21	
				LOCATION: New Rochelle, NY		JOB NO. 11571	
				METHOD: Direct Push		GROUND ELEVATION: NA	
GEOPROBE BY: Aarco (Julio)				DATE STARTED: 11/19/20		GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS				DATE COMPLETED: 11/19/20		0 Hr.	24 Hr.
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0			0	0.5		Asphalt	0
5			0.5			FILL: Brown coarse to fine SAND, little coarse to fine Gravel with fragments of brick	0
	34	1					0
				5	S-21 (3'-4')		0
							0
10			5			Light brown coarse to fine SAND, little coarse to fine Gravel, trace Silt with weathered rock	0
	40	2					0
				8			0
15						----- Boring Complete at 9± Feet BGS due to Direct Push refusal	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in.

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

Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE 22

APPENDIX B
Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L2046080
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Jesse Mausner
Phone:	(973) 808-9050
Project Name:	327 HUGUENOT
Project Number:	11571
Report Date:	11/04/20

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-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: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2046080-01	S-1 (2-3)	SOIL	NEW ROCHELLE, NY	10/22/20 08:20	10/23/20
L2046080-02	S-2 (3-4)	SOIL	NEW ROCHELLE, NY	10/22/20 08:40	10/23/20
L2046080-03	S-3 (1-2)	SOIL	NEW ROCHELLE, NY	10/22/20 09:10	10/23/20
L2046080-04	S-4 (4-5)	SOIL	NEW ROCHELLE, NY	10/22/20 09:45	10/23/20
L2046080-05	S-5 (2-3)	SOIL	NEW ROCHELLE, NY	10/22/20 10:45	10/23/20
L2046080-06	S-6 (5-6)	SOIL	NEW ROCHELLE, NY	10/22/20 10:05	10/23/20
L2046080-07	S-7 (5-6)	SOIL	NEW ROCHELLE, NY	10/22/20 11:45	10/23/20
L2046080-08	S-8 (8-9)	SOIL	NEW ROCHELLE, NY	10/22/20 12:10	10/23/20
L2046080-09	S-9 (4-5)	SOIL	NEW ROCHELLE, NY	10/22/20 12:25	10/23/20
L2046080-10	S-10 (6-7)	SOIL	NEW ROCHELLE, NY	10/22/20 12:50	10/23/20
L2046080-11	S-11 (2-3)	SOIL	NEW ROCHELLE, NY	10/22/20 13:05	10/23/20

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Case Narrative

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

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

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

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

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

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

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Case Narrative (continued)

Report Submission

November 04, 2020: This final report includes the results of all requested analyses.

October 30, 2020: This is a preliminary report.

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

Sample Receipt

The analyses performed were specified by the client.

Volatile Organics

L2046080-08: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (156%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Perfluorinated Alkyl Acids by Isotope Dilution

L2046080-03, -06, -08, -09, and -11: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2046080-10: The MeOH fraction of the extraction is reported for the following compounds:

Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).

PCBs

L2046080-02: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%,0%) and decachlorobiphenyl (0%,0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Case Narrative (continued)

Total Metals

L2046080-01 through -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Cyanide, Total

The WG1426989-2/-3 LCS/LCSD recoveries for cyanide, total (67%/60%), associated with L2046080-01,-02,-03,-04,-06,-07,-08, and -09, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1426991-2/-3 LCS/LCSD recoveries for cyanide, total (66%/61%), associated with L2046080-10 and -11, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1427621-2/-3 LCS/LCSD recoveries for cyanide, total (68%/73%), associated with L2046080-05, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 11/04/20

ORGANICS

VOLATILES

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-01
 Client ID: S-1 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:20
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/28/20 12:10
 Analyst: MKS
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	2.1		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-01
 Client ID: S-1 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:20
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	13		ug/kg	2.0	0.55	1
o-Xylene	5.4		ug/kg	0.98	0.28	1
Xylenes, Total	18		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-01
 Client ID: S-1 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:20
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	90		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-02
 Client ID: S-2 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:40
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/28/20 12:36
 Analyst: MKS
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02
 Client ID: S-2 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:40
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02
 Client ID: S-2 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:40
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	0.43	J	ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	89		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-03
 Client ID: S-3 (1-2)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/28/20 13:02
 Analyst: AD
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.19	1
Benzene	ND		ug/kg	0.59	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-03
 Client ID: S-3 (1-2)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-03
 Client ID: S-3 (1-2)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	90		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-04
 Client ID: S-4 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/28/20 13:27
 Analyst: AD
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.31	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-04
 Client ID: S-4 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.6	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-04
 Client ID: S-4 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	91		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-05
 Client ID: S-5 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/28/20 13:53
 Analyst: AD
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-05
 Client ID: S-5 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-05
 Client ID: S-5 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	90		70-130

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06
 Client ID: S-6 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/28/20 14:19
 Analyst: AD
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.47	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06
 Client ID: S-6 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
Xylenes, Total	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	ND		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	ND		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.99	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06
 Client ID: S-6 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	69	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	90		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-07
 Client ID: S-7 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 11:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/28/20 14:45
 Analyst: AD
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-07
 Client ID: S-7 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 11:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-07
 Client ID: S-7 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 11:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	90		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-08
 Client ID: S-8 (8-9)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/20 01:31
 Analyst: JC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-08
 Client ID: S-8 (8-9)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.22	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-08
 Client ID: S-8 (8-9)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	994	J	ug/kg			1
Unknown Alkane	46.7	J	ug/kg			1
Unknown Alkane	65.8	J	ug/kg			1
Adamantane, 1,3-Dimethyl-	121	NJ	ug/kg			1
Unknown	39.3	J	ug/kg			1
Unknown	61.3	J	ug/kg			1
Unknown Cyclohexane	41.9	J	ug/kg			1
Unknown	50.4	J	ug/kg			1
Unknown	53.5	J	ug/kg			1
Unknown	56.4	J	ug/kg			1
Unknown	49.4	J	ug/kg			1
Unknown Cyclohexane	69.1	J	ug/kg			1
Unknown Cyclohexane	85.5	J	ug/kg			1
Unknown	114	J	ug/kg			1
1,3,5-Trimethyladamantane	63.0	NJ	ug/kg			1
6-Tridecene, 7-methyl-	76.8	NJ	ug/kg			1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-08

Date Collected: 10/22/20 12:10

Client ID: S-8 (8-9)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by EPA 5035 Low - Westborough Lab						
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	156	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-09
 Client ID: S-9 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:25
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/28/20 15:11
 Analyst: AD
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-09
 Client ID: S-9 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:25
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-09
 Client ID: S-9 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:25
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	91		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/28/20 15:37
 Analyst: AD
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	90		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-11
 Client ID: S-11 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 13:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/28/20 16:02
 Analyst: AD
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-11
 Client ID: S-11 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 13:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.77	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-11
 Client ID: S-11 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 13:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	90		70-130

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 07:00
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07,09-11 Batch: WG1427598-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 07:00
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07,09-11 Batch: WG1427598-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	0.24	J	ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 07:00
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07,09-11 Batch: WG1427598-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	0.21	J	ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	0.19	J	ug/kg	1.0	0.11
Naphthalene	0.75	J	ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.54	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.59	J	ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	0.19	J	ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	0.27	J	ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	14.2	J	ug/kg
Unknown	2.76	J	ug/kg
Unknown	2.68	J	ug/kg
Unknown	5.88	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	2.85	NJ	ug/kg

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 07:00
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07,09-11 Batch: WG1427598-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	87		70-130

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 18:09
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08 Batch: WG1427756-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 18:09
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08 Batch: WG1427756-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	0.27	J	ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 18:09
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08 Batch: WG1427756-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	0.30	J	ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	0.17	J	ug/kg	1.0	0.11
Naphthalene	0.72	J	ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.57	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.50	J	ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	0.22	J	ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	0.33	J	ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 18:09
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08 Batch: WG1427756-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	86		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07,09-11 Batch: WG1427598-3 WG1427598-4								
Methylene chloride	92		91		70-130	1		30
1,1-Dichloroethane	102		100		70-130	2		30
Chloroform	88		89		70-130	1		30
Carbon tetrachloride	87		88		70-130	1		30
1,2-Dichloropropane	105		105		70-130	0		30
Dibromochloromethane	83		84		70-130	1		30
1,1,2-Trichloroethane	93		95		70-130	2		30
Tetrachloroethene	106		106		70-130	0		30
Chlorobenzene	91		92		70-130	1		30
Trichlorofluoromethane	85		83		70-139	2		30
1,2-Dichloroethane	92		93		70-130	1		30
1,1,1-Trichloroethane	96		95		70-130	1		30
Bromodichloromethane	88		89		70-130	1		30
trans-1,3-Dichloropropene	93		94		70-130	1		30
cis-1,3-Dichloropropene	95		96		70-130	1		30
1,1-Dichloropropene	109		108		70-130	1		30
Bromoform	83		82		70-130	1		30
1,1,2,2-Tetrachloroethane	91		91		70-130	0		30
Benzene	96		95		70-130	1		30
Toluene	99		99		70-130	0		30
Ethylbenzene	101		102		70-130	1		30
Chloromethane	105		102		52-130	3		30
Bromomethane	83		77		57-147	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07,09-11 Batch: WG1427598-3 WG1427598-4								
Vinyl chloride	96		92		67-130	4		30
Chloroethane	86		83		50-151	4		30
1,1-Dichloroethene	106		102		65-135	4		30
trans-1,2-Dichloroethene	101		98		70-130	3		30
Trichloroethene	96		96		70-130	0		30
1,2-Dichlorobenzene	94		95		70-130	1		30
1,3-Dichlorobenzene	96		97		70-130	1		30
1,4-Dichlorobenzene	94		94		70-130	0		30
Methyl tert butyl ether	94		94		66-130	0		30
p/m-Xylene	99		100		70-130	1		30
o-Xylene	92		93		70-130	1		30
cis-1,2-Dichloroethene	95		94		70-130	1		30
Dibromomethane	86		86		70-130	0		30
Styrene	92		94		70-130	2		30
Dichlorodifluoromethane	93		90		30-146	3		30
Acetone	101		80		54-140	23		30
Carbon disulfide	80		77		59-130	4		30
2-Butanone	104		104		70-130	0		30
Vinyl acetate	110		107		70-130	3		30
4-Methyl-2-pentanone	108		110		70-130	2		30
1,2,3-Trichloropropane	92		92		68-130	0		30
2-Hexanone	97		99		70-130	2		30
Bromochloromethane	85		86		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07,09-11 Batch: WG1427598-3 WG1427598-4								
2,2-Dichloropropane	98		98		70-130	0		30
1,2-Dibromoethane	91		93		70-130	2		30
1,3-Dichloropropane	94		96		69-130	2		30
1,1,1,2-Tetrachloroethane	87		88		70-130	1		30
Bromobenzene	90		89		70-130	1		30
n-Butylbenzene	104		104		70-130	0		30
sec-Butylbenzene	108		108		70-130	0		30
tert-Butylbenzene	104		103		70-130	1		30
o-Chlorotoluene	100		99		70-130	1		30
p-Chlorotoluene	98		98		70-130	0		30
1,2-Dibromo-3-chloropropane	95		97		68-130	2		30
Hexachlorobutadiene	103		104		67-130	1		30
Isopropylbenzene	106		104		70-130	2		30
p-Isopropyltoluene	106		106		70-130	0		30
Naphthalene	113		118		70-130	4		30
Acrylonitrile	115		116		70-130	1		30
n-Propylbenzene	106		104		70-130	2		30
1,2,3-Trichlorobenzene	99		103		70-130	4		30
1,2,4-Trichlorobenzene	104		106		70-130	2		30
1,3,5-Trimethylbenzene	102		102		70-130	0		30
1,2,4-Trimethylbenzene	100		100		70-130	0		30
1,4-Dioxane	125		128		65-136	2		30
p-Diethylbenzene	104		104		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046080

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07,09-11 Batch: WG1427598-3 WG1427598-4								
p-Ethyltoluene	104		103		70-130	1		30
1,2,4,5-Tetramethylbenzene	107		108		70-130	1		30
Ethyl ether	95		94		67-130	1		30
trans-1,4-Dichloro-2-butene	105		109		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		91		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	88		88		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08 Batch: WG1427756-3 WG1427756-4								
Methylene chloride	88		90		70-130	2		30
1,1-Dichloroethane	98		99		70-130	1		30
Chloroform	86		88		70-130	2		30
Carbon tetrachloride	83		84		70-130	1		30
1,2-Dichloropropane	101		105		70-130	4		30
Dibromochloromethane	80		82		70-130	2		30
1,1,2-Trichloroethane	89		92		70-130	3		30
Tetrachloroethene	100		101		70-130	1		30
Chlorobenzene	87		90		70-130	3		30
Trichlorofluoromethane	74		74		70-139	0		30
1,2-Dichloroethane	90		93		70-130	3		30
1,1,1-Trichloroethane	92		94		70-130	2		30
Bromodichloromethane	86		89		70-130	3		30
trans-1,3-Dichloropropene	88		90		70-130	2		30
cis-1,3-Dichloropropene	92		95		70-130	3		30
1,1-Dichloropropene	103		104		70-130	1		30
Bromoform	78		81		70-130	4		30
1,1,2,2-Tetrachloroethane	87		88		70-130	1		30
Benzene	92		94		70-130	2		30
Toluene	94		96		70-130	2		30
Ethylbenzene	97		100		70-130	3		30
Chloromethane	98		98		52-130	0		30
Bromomethane	79		76		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08 Batch: WG1427756-3 WG1427756-4								
Vinyl chloride	85		85		67-130	0		30
Chloroethane	80		81		50-151	1		30
1,1-Dichloroethene	97		96		65-135	1		30
trans-1,2-Dichloroethene	95		96		70-130	1		30
Trichloroethene	94		95		70-130	1		30
1,2-Dichlorobenzene	90		93		70-130	3		30
1,3-Dichlorobenzene	92		94		70-130	2		30
1,4-Dichlorobenzene	90		93		70-130	3		30
Methyl tert butyl ether	91		93		66-130	2		30
p/m-Xylene	96		98		70-130	2		30
o-Xylene	88		91		70-130	3		30
cis-1,2-Dichloroethene	92		94		70-130	2		30
Dibromomethane	83		86		70-130	4		30
Styrene	89		92		70-130	3		30
Dichlorodifluoromethane	75		74		30-146	1		30
Acetone	73		87		54-140	18		30
Carbon disulfide	73		73		59-130	0		30
2-Butanone	98		92		70-130	6		30
Vinyl acetate	101		105		70-130	4		30
4-Methyl-2-pentanone	101		104		70-130	3		30
1,2,3-Trichloropropane	86		90		68-130	5		30
2-Hexanone	90		94		70-130	4		30
Bromochloromethane	83		85		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08 Batch: WG1427756-3 WG1427756-4								
2,2-Dichloropropane	95		94		70-130	1		30
1,2-Dibromoethane	86		90		70-130	5		30
1,3-Dichloropropane	90		93		69-130	3		30
1,1,1,2-Tetrachloroethane	85		88		70-130	3		30
Bromobenzene	86		88		70-130	2		30
n-Butylbenzene	97		100		70-130	3		30
sec-Butylbenzene	102		104		70-130	2		30
tert-Butylbenzene	99		101		70-130	2		30
o-Chlorotoluene	95		97		70-130	2		30
p-Chlorotoluene	93		96		70-130	3		30
1,2-Dibromo-3-chloropropane	89		93		68-130	4		30
Hexachlorobutadiene	95		99		67-130	4		30
Isopropylbenzene	100		102		70-130	2		30
p-Isopropyltoluene	100		102		70-130	2		30
Naphthalene	103		114		70-130	10		30
Acrylonitrile	109		112		70-130	3		30
n-Propylbenzene	100		102		70-130	2		30
1,2,3-Trichlorobenzene	94		100		70-130	6		30
1,2,4-Trichlorobenzene	96		102		70-130	6		30
1,3,5-Trimethylbenzene	97		100		70-130	3		30
1,2,4-Trimethylbenzene	96		98		70-130	2		30
1,4-Dioxane	120		132		65-136	10		30
p-Diethylbenzene	98		102		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046080

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08 Batch: WG1427756-3 WG1427756-4								
p-Ethyltoluene	99		101		70-130	2		30
1,2,4,5-Tetramethylbenzene	100		105		70-130	5		30
Ethyl ether	92		93		67-130	1		30
trans-1,4-Dichloro-2-butene	95		105		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		91		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	90		90		70-130

SEMIVOLATILES

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-01
 Client ID: S-1 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:20
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/26/20 01:40
 Analyst: EK
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	19	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	1100		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	27	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	75	J	ug/kg	180	61.	1
Butyl benzyl phthalate	230		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-01
 Client ID: S-1 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:20
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	820		ug/kg	110	20.	1
Benzo(a)pyrene	930		ug/kg	140	43.	1
Benzo(b)fluoranthene	1100		ug/kg	110	30.	1
Benzo(k)fluoranthene	340		ug/kg	110	28.	1
Chrysene	900		ug/kg	110	18.	1
Acenaphthylene	120	J	ug/kg	140	27.	1
Anthracene	160		ug/kg	110	34.	1
Benzo(ghi)perylene	540		ug/kg	140	21.	1
Fluorene	20	J	ug/kg	180	17.	1
Phenanthrene	580		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	540		ug/kg	140	25.	1
Pyrene	1300		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-01
 Client ID: S-1 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:20
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	58	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.2	1

Tentatively Identified Compounds

Total TIC Compounds	2430	J	ug/kg			1
Unknown	285	J	ug/kg			1
Unknown PAH	294	J	ug/kg			1
Unknown	306	J	ug/kg			1
Unknown	177	J	ug/kg			1
Unknown	532	J	ug/kg			1
Unknown Organic Acid	169	J	ug/kg			1
Unknown	174	J	ug/kg			1
Unknown PAH	260	J	ug/kg			1
Unknown PAH	231	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	73		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-01
 Client ID: S-1 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:20
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 07:26
 Analyst: JW
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.496	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.496	0.046	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.496	0.039	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.496	0.052	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.496	0.045	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.496	0.060	1
Perfluorooctanoic Acid (PFOA)	0.072	J	ug/kg	0.496	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.496	0.178	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.496	0.135	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.496	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	0.958		ug/kg	0.496	0.129	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.496	0.067	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.496	0.285	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.496	0.200	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.496	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.496	0.152	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.496	0.097	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.496	0.084	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.496	0.070	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.496	0.203	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.496	0.054	1
PFOA/PFOS, Total	1.03	J	ug/kg	0.496	0.042	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-01

Date Collected: 10/22/20 08:20

Client ID: S-1 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, 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)	96		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	39		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	45		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	46		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	62		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	46		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		26-160

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02
 Client ID: S-2 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:40
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/26/20 02:04
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	43	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	1400		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	58	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	260		ug/kg	180	64.	1
Butyl benzyl phthalate	920		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02
 Client ID: S-2 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:40
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1400		ug/kg	110	21.	1
Benzo(a)pyrene	1300		ug/kg	150	45.	1
Benzo(b)fluoranthene	1400		ug/kg	110	31.	1
Benzo(k)fluoranthene	390		ug/kg	110	30.	1
Chrysene	1600		ug/kg	110	19.	1
Acenaphthylene	130	J	ug/kg	150	28.	1
Anthracene	230		ug/kg	110	36.	1
Benzo(ghi)perylene	730		ug/kg	150	22.	1
Fluorene	58	J	ug/kg	180	18.	1
Phenanthrene	980		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	200		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	640		ug/kg	150	26.	1
Pyrene	2100		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	37	J	ug/kg	180	18.	1
2-Methylnaphthalene	38	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	49	J	ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02
 Client ID: S-2 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:40
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	67	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds

Total TIC Compounds	6690	J	ug/kg			1
Unknown PAH	458	J	ug/kg			1
Unknown PAH	498	J	ug/kg			1
Unknown	584	J	ug/kg			1
Unknown	290	J	ug/kg			1
Unknown PAH	380	J	ug/kg			1
Unknown	260	J	ug/kg			1
Unknown	417	J	ug/kg			1
Unknown	564	J	ug/kg			1
Unknown PAH	253	J	ug/kg			1
Unknown PAH	260	J	ug/kg			1
Unknown	607	J	ug/kg			1
Unknown PAH	1180	J	ug/kg			1
Unknown Organic Acid	378	J	ug/kg			1
Unknown Ketone	254	J	ug/kg			1
Unknown	304	J	ug/kg			1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-02

Date Collected: 10/22/20 08:40

Client ID: S-2 (3-4)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	65		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02
 Client ID: S-2 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:40
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 07:43
 Analyst: JW
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.512	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.512	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.512	0.040	1
Perfluorohexanoic Acid (PFHxA)	0.065	J	ug/kg	0.512	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.512	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.512	0.062	1
Perfluorooctanoic Acid (PFOA)	0.113	J	ug/kg	0.512	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.512	0.184	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.512	0.140	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.512	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.599		ug/kg	0.512	0.133	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.512	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.512	0.294	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.512	0.206	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.512	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.512	0.157	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.512	0.100	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.512	0.087	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.512	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.512	0.209	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.512	0.055	1
PFOA/PFOS, Total	0.712	J	ug/kg	0.512	0.043	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02
 Client ID: S-2 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:40
 Date Received: 10/23/20
 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)	98		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	103		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	110		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	74		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		26-160

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-03
 Client ID: S-3 (1-2)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/26/20 02:29
 Analyst: EK
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	380		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	2000		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-03
 Client ID: S-3 (1-2)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	330		ug/kg	120	23.	1
Benzo(a)pyrene	440		ug/kg	160	49.	1
Benzo(b)fluoranthene	490		ug/kg	120	34.	1
Benzo(k)fluoranthene	140		ug/kg	120	32.	1
Chrysene	350		ug/kg	120	21.	1
Acenaphthylene	38	J	ug/kg	160	31.	1
Anthracene	39	J	ug/kg	120	39.	1
Benzo(ghi)perylene	280		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	160		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	68	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	160	28.	1
Pyrene	450		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-03
 Client ID: S-3 (1-2)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	25	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Tentatively Identified Compounds

Total TIC Compounds	189	J	ug/kg			1
Unknown Organic Acid	189	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	58		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-03
 Client ID: S-3 (1-2)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 07:59
 Analyst: JW
 Percent Solids: 83%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.584	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.584	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.584	0.046	1
Perfluorohexanoic Acid (PFHxA)	0.072	J	ug/kg	0.584	0.061	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.584	0.053	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.584	0.071	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.584	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.584	0.210	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.584	0.159	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.584	0.088	1
Perfluorooctanesulfonic Acid (PFOS)	0.424	J	ug/kg	0.584	0.152	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.584	0.078	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.584	0.335	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.584	0.235	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.584	0.055	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.584	0.179	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.584	0.114	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.584	0.099	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.584	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.584	0.239	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.584	0.063	1
PFOA/PFOS, Total	0.424	J	ug/kg	0.584	0.049	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-03
 Client ID: S-3 (1-2)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:10
 Date Received: 10/23/20
 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)	99		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	102		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	45		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	66		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	37	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	112		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	81		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	40	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		26-160

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-04
 Client ID: S-4 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/26/20 04:05
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	640		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	34	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	3100		ug/kg	190	65.	1
Butyl benzyl phthalate	93	J	ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-04
 Client ID: S-4 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	440		ug/kg	110	21.	1
Benzo(a)pyrene	660		ug/kg	150	46.	1
Benzo(b)fluoranthene	720		ug/kg	110	32.	1
Benzo(k)fluoranthene	230		ug/kg	110	30.	1
Chrysene	520		ug/kg	110	20.	1
Acenaphthylene	110	J	ug/kg	150	29.	1
Anthracene	97	J	ug/kg	110	37.	1
Benzo(ghi)perylene	420		ug/kg	150	22.	1
Fluorene	30	J	ug/kg	190	18.	1
Phenanthrene	400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	410		ug/kg	150	26.	1
Pyrene	680		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	20	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-04
 Client ID: S-4 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	50	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Tentatively Identified Compounds

Total TIC Compounds	786	J	ug/kg			1
Unknown Organic Acid	569	J	ug/kg			1
Unknown	217	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	71		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-04
 Client ID: S-4 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 08:16
 Analyst: JW
 Percent Solids: 87%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.522	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.522	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.522	0.041	1
Perfluorohexanoic Acid (PFHxA)	0.061	J	ug/kg	0.522	0.055	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.522	0.047	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.522	0.063	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.522	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.522	0.188	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.522	0.143	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.522	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.464	J	ug/kg	0.522	0.136	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.522	0.070	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.522	0.300	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.522	0.210	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.522	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.522	0.160	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.522	0.102	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.522	0.088	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.522	0.073	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.522	0.214	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.522	0.056	1
PFOA/PFOS, Total	0.464	J	ug/kg	0.522	0.044	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-04
 Client ID: S-4 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:45
 Date Received: 10/23/20
 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)	106		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	109		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	112		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	123		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	109		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	73		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	98		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	64		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	116		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	84		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81		26-160

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-05
 Client ID: S-5 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/26/20 00:28
 Analyst: EK
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	340		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	80	J	ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-05
 Client ID: S-5 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	250		ug/kg	110	22.	1
Benzo(a)pyrene	340		ug/kg	150	47.	1
Benzo(b)fluoranthene	400		ug/kg	110	32.	1
Benzo(k)fluoranthene	150		ug/kg	110	30.	1
Chrysene	290		ug/kg	110	20.	1
Acenaphthylene	74	J	ug/kg	150	30.	1
Anthracene	50	J	ug/kg	110	37.	1
Benzo(ghi)perylene	220		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	120		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	57	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	150	27.	1
Pyrene	380		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-05
 Client ID: S-5 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	42		10-136
4-Terphenyl-d14	71		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-05
 Client ID: S-5 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 08:32
 Analyst: JW
 Percent Solids: 85%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.561	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.561	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.561	0.044	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.561	0.059	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.561	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.561	0.068	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.561	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.561	0.201	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.561	0.153	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.561	0.084	1
Perfluorooctanesulfonic Acid (PFOS)	0.399	J	ug/kg	0.561	0.146	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.561	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.561	0.322	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.561	0.226	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.561	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.561	0.172	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.561	0.110	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.561	0.095	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.561	0.079	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.561	0.229	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.561	0.061	1
PFOA/PFOS, Total	0.399	J	ug/kg	0.561	0.047	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-05
 Client ID: S-5 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:45
 Date Received: 10/23/20
 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)	108		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	109		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	112		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	123		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	109		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	90		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	113		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	107		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	125		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	84		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	85		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	79		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	103		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		26-160

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06
 Client ID: S-6 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/25/20 23:16
 Analyst: EK
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	520		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06
 Client ID: S-6 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	220		ug/kg	110	20.	1
Benzo(a)pyrene	200		ug/kg	140	44.	1
Benzo(b)fluoranthene	210		ug/kg	110	30.	1
Benzo(k)fluoranthene	82	J	ug/kg	110	29.	1
Chrysene	250		ug/kg	110	19.	1
Acenaphthylene	32	J	ug/kg	140	28.	1
Anthracene	49	J	ug/kg	110	35.	1
Benzo(ghi)perylene	91	J	ug/kg	140	21.	1
Fluorene	26	J	ug/kg	180	17.	1
Phenanthrene	350		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	28	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	98	J	ug/kg	140	25.	1
Pyrene	480		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06
 Client ID: S-6 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	25	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	94		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06
 Client ID: S-6 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 08:49
 Analyst: JW
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.515	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.515	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.515	0.040	1
Perfluorohexanoic Acid (PFHxA)	0.058	J	ug/kg	0.515	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.515	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.515	0.062	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.515	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.515	0.185	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.515	0.140	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.515	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.197	J	ug/kg	0.515	0.134	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.515	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.515	0.296	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.515	0.208	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.515	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.515	0.158	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.515	0.101	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.515	0.087	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.515	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.515	0.211	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.515	0.056	1
PFOA/PFOS, Total	0.197	J	ug/kg	0.515	0.043	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06
 Client ID: S-6 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:05
 Date Received: 10/23/20
 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)	103		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	104		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	109		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	114		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	38		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	95		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	47		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	32	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	84		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	29	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		26-160

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-07
 Client ID: S-7 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 11:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/26/20 00:04
 Analyst: EK
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	530		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-07
 Client ID: S-7 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 11:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	260		ug/kg	120	22.	1
Benzo(a)pyrene	230		ug/kg	150	47.	1
Benzo(b)fluoranthene	240		ug/kg	120	32.	1
Benzo(k)fluoranthene	78	J	ug/kg	120	31.	1
Chrysene	270		ug/kg	120	20.	1
Acenaphthylene	38	J	ug/kg	150	30.	1
Anthracene	60	J	ug/kg	120	37.	1
Benzo(ghi)perylene	110	J	ug/kg	150	22.	1
Fluorene	30	J	ug/kg	190	19.	1
Phenanthrene	480		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	33	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	150	27.	1
Pyrene	530		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	26	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-07
 Client ID: S-7 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 11:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	36	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Tentatively Identified Compounds

Total TIC Compounds	169	J	ug/kg			1
Unknown PAH	169	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	80		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-07
 Client ID: S-7 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 11:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 09:05
 Analyst: JW
 Percent Solids: 86%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.554	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.554	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.554	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.554	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.554	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.554	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.554	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.554	0.199	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.554	0.151	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.554	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	0.237	J	ug/kg	0.554	0.144	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.554	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.554	0.318	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.554	0.223	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.554	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.554	0.170	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.554	0.109	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.554	0.094	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.554	0.078	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.554	0.227	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.554	0.060	1
PFOA/PFOS, Total	0.237	J	ug/kg	0.554	0.047	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-07
 Client ID: S-7 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 11:45
 Date Received: 10/23/20
 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)	102		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	104		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	120		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	103		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	95		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	115		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	82		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	79		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		26-160

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-08
 Client ID: S-8 (8-9)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/25/20 22:28
 Analyst: EK
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-08
 Client ID: S-8 (8-9)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	38	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-08
 Client ID: S-8 (8-9)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Tentatively Identified Compounds

Total TIC Compounds	27000	J	ug/kg			1
Unknown	1060	J	ug/kg			1
Unknown	545	J	ug/kg			1
Unknown Alkane	5530	J	ug/kg			1
Unknown	1760	J	ug/kg			1
Unknown Alkane	1430	J	ug/kg			1
Unknown	1890	J	ug/kg			1
Unknown Alkane	4130	J	ug/kg			1
Unknown Alkane	1860	J	ug/kg			1
Unknown	410	J	ug/kg			1
Cyclic Octaatomic Sulfur	878	NJ	ug/kg			1
Unknown	1610	J	ug/kg			1
Unknown Alkane	1530	J	ug/kg			1
Unknown	1660	J	ug/kg			1
Unknown	414	J	ug/kg			1
Unknown	2300	J	ug/kg			1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-08

Date Collected: 10/22/20 12:10

Client ID: S-8 (8-9)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	119		10-136
4-Terphenyl-d14	84		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-08
 Client ID: S-8 (8-9)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 09:39
 Analyst: JW
 Percent Solids: 82%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.554	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.554	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.554	0.043	1
Perfluorohexanoic Acid (PFHxA)	0.059	J	ug/kg	0.554	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.554	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.554	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.554	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.554	0.199	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.554	0.151	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.554	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	0.159	J	ug/kg	0.554	0.144	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.554	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.554	0.318	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.554	0.223	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.554	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.554	0.170	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.554	0.108	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.554	0.094	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.554	0.078	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.554	0.226	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.554	0.060	1
PFOA/PFOS, Total	0.159	J	ug/kg	0.554	0.046	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-08
 Client ID: S-8 (8-9)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:10
 Date Received: 10/23/20
 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		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	126		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	52		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	71		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	40	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	118		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	85		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		26-160

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-09
 Client ID: S-9 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:25
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/25/20 23:40
 Analyst: EK
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	99	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	4100		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	260		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	69	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-09
 Client ID: S-9 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:25
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2300		ug/kg	100	20.	1
Benzo(a)pyrene	2400		ug/kg	140	43.	1
Benzo(b)fluoranthene	2900		ug/kg	100	30.	1
Benzo(k)fluoranthene	1000		ug/kg	100	28.	1
Chrysene	2200		ug/kg	100	18.	1
Acenaphthylene	200		ug/kg	140	27.	1
Anthracene	770		ug/kg	100	34.	1
Benzo(ghi)perylene	1200		ug/kg	140	21.	1
Fluorene	170	J	ug/kg	180	17.	1
Phenanthrene	1700		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	350		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	140	24.	1
Pyrene	3700		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	140	J	ug/kg	180	17.	1
2-Methylnaphthalene	94	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-09
 Client ID: S-9 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:25
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	160	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	8420	J	ug/kg			1
Unknown PAH	334	J	ug/kg			1
Unknown PAH	2020	J	ug/kg			1
Unknown PAH	244	J	ug/kg			1
Unknown PAH	341	J	ug/kg			1
Unknown Ketone	475	J	ug/kg			1
Unknown	2290	J	ug/kg			1
Unknown	220	J	ug/kg			1
Unknown PAH	200	J	ug/kg			1
Unknown Thiophene	184	J	ug/kg			1
Unknown	209	J	ug/kg			1
Unknown Organic Acid	279	J	ug/kg			1
Unknown PAH	644	J	ug/kg			1
Unknown Thiophene	202	J	ug/kg			1
Unknown PAH	464	J	ug/kg			1
Unknown PAH	313	J	ug/kg			1

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-09

Date Collected: 10/22/20 12:25

Client ID: S-9 (4-5)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	80		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-09
 Client ID: S-9 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:25
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 09:55
 Analyst: JW
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.512	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.512	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.512	0.040	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.512	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.512	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.512	0.062	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.512	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.512	0.184	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.512	0.140	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.512	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.333	JF	ug/kg	0.512	0.133	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.512	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.512	0.294	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.512	0.206	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.512	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.512	0.156	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.512	0.100	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.512	0.086	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.512	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.512	0.209	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.512	0.055	1
PFOA/PFOS, Total	0.333	J	ug/kg	0.512	0.043	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-09
 Client ID: S-9 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:25
 Date Received: 10/23/20
 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		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	39		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	51		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	32	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	75		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	24	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69		26-160

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/26/20 01:16
 Analyst: EK
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	33	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	560		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	480		ug/kg	110	21.	1
Benzo(a)pyrene	400		ug/kg	150	45.	1
Benzo(b)fluoranthene	390		ug/kg	110	31.	1
Benzo(k)fluoranthene	100	J	ug/kg	110	29.	1
Chrysene	610		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	59	J	ug/kg	110	36.	1
Benzo(ghi)perylene	210		ug/kg	150	22.	1
Fluorene	22	J	ug/kg	180	18.	1
Phenanthrene	720		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	59	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	150	26.	1
Pyrene	990		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	3650	J	ug/kg			1
Unknown	166	J	ug/kg			1
Unknown PAH	394	J	ug/kg			1
Unknown PAH	352	J	ug/kg			1
Unknown PAH	154	J	ug/kg			1
Unknown	268	J	ug/kg			1
Unknown	330	J	ug/kg			1
Unknown PAH	168	J	ug/kg			1
Unknown PAH	227	J	ug/kg			1
Unknown PAH	402	J	ug/kg			1
Unknown PAH	331	J	ug/kg			1
Unknown PAH	191	J	ug/kg			1
Unknown	156	J	ug/kg			1
Unknown	336	J	ug/kg			1
Unknown Ketone	173	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	85		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 10:12
 Analyst: JW
 Percent Solids: 89%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.506	0.023	1
Perfluoropentanoic Acid (PFPeA)	0.072	J	ug/kg	0.506	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.506	0.039	1
Perfluorohexanoic Acid (PFHxA)	0.076	J	ug/kg	0.506	0.053	1
Perfluoroheptanoic Acid (PFHpA)	0.068	J	ug/kg	0.506	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.506	0.061	1
Perfluorooctanoic Acid (PFOA)	0.138	JF	ug/kg	0.506	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.506	0.181	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.506	0.138	1
Perfluorononanoic Acid (PFNA)	0.115	J	ug/kg	0.506	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	0.810	F	ug/kg	0.506	0.131	1
Perfluorodecanoic Acid (PFDA)	0.090	J	ug/kg	0.506	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.506	0.290	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.506	0.204	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.506	0.047	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.506	0.155	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.506	0.085	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.506	0.071	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.506	0.207	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.506	0.055	1
PFOA/PFOS, Total	0.948	J	ug/kg	0.506	0.042	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 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)	98		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	86		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	112		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		64-158
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		26-160

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 11/02/20 14:46
 Analyst: PB
 Percent Solids: 89%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.506	0.099	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			77		1-125	

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-11
 Client ID: S-11 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 13:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/26/20 03:17
 Analyst: EK
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1400		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	34	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	180	J	ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-11
 Client ID: S-11 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 13:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	900		ug/kg	120	22.	1
Benzo(a)pyrene	1000		ug/kg	160	48.	1
Benzo(b)fluoranthene	1200		ug/kg	120	33.	1
Benzo(k)fluoranthene	400		ug/kg	120	31.	1
Chrysene	1000		ug/kg	120	20.	1
Acenaphthylene	180		ug/kg	160	30.	1
Anthracene	160		ug/kg	120	38.	1
Benzo(ghi)perylene	590		ug/kg	160	23.	1
Fluorene	31	J	ug/kg	200	19.	1
Phenanthrene	520		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	160		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	600		ug/kg	160	27.	1
Pyrene	1500		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	45.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-11
 Client ID: S-11 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 13:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	52	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Tentatively Identified Compounds

Total TIC Compounds	3120	J	ug/kg			1
Unknown PAH	197	J	ug/kg			1
Unknown Ketone	186	J	ug/kg			1
Unknown PAH	160	J	ug/kg			1
Unknown PAH	314	J	ug/kg			1
Unknown PAH	172	J	ug/kg			1
Unknown PAH	777	J	ug/kg			1
Unknown PAH	274	J	ug/kg			1
Unknown	165	J	ug/kg			1
Unknown	283	J	ug/kg			1
Unknown PAH	188	J	ug/kg			1
Unknown	234	J	ug/kg			1
Unknown	174	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	115		10-136
4-Terphenyl-d14	91		18-120

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-11
 Client ID: S-11 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 13:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/31/20 10:28
 Analyst: JW
 Percent Solids: 83%

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.569	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.569	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.569	0.044	1
Perfluorohexanoic Acid (PFHxA)	0.065	J	ug/kg	0.569	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.569	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.569	0.069	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.569	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.569	0.204	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.569	0.155	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.569	0.085	1
Perfluorooctanesulfonic Acid (PFOS)	0.574	F	ug/kg	0.569	0.148	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.569	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.569	0.327	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.569	0.229	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.569	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.569	0.174	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.569	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.569	0.096	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.569	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.569	0.233	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.569	0.061	1
PFOA/PFOS, Total	0.574		ug/kg	0.569	0.048	1

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-11

Date Collected: 10/22/20 13:05

Client ID: S-11 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, 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			60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)			104			65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)			104			70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)			102			61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)			111			62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)			115			63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)			105			62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)			46			32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)			97			61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)			103			65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)			105			65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)			56			25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)			42	Q		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)			119			64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			84			1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)			33	Q		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)			105			56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)			82			26-160

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/25/20 19:37
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1426260-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/25/20 19:37
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1426260-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/25/20 19:37
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 10/25/20 00:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1426260-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	110		18-120

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/31/20 03:51
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-11 Batch: WG1427921-1					
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.500	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.500	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.500	0.061
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.500	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.500	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.500	0.130
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.500	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.500	0.054
PFOA/PFOS, Total	ND		ug/kg	0.500	0.042

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/31/20 03:51
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-11 Batch: WG1427921-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	114		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	120		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	114		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	122		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	136		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	115		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	87		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	120		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	113		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	100		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	88		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	120		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	82		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	105		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		26-160

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/02/20 14:21
Analyst: PB

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-11 Batch: WG1427921-1					
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	84		1-125

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1426260-2 WG1426260-3								
Acenaphthene	105		100		31-137	5		50
1,2,4-Trichlorobenzene	105		100		38-107	5		50
Hexachlorobenzene	124		119		40-140	4		50
Bis(2-chloroethyl)ether	95		90		40-140	5		50
2-Chloronaphthalene	108		105		40-140	3		50
1,2-Dichlorobenzene	97		91		40-140	6		50
1,3-Dichlorobenzene	95		90		40-140	5		50
1,4-Dichlorobenzene	95		91		28-104	4		50
3,3'-Dichlorobenzidine	82		80		40-140	2		50
2,4-Dinitrotoluene	122		116		40-132	5		50
2,6-Dinitrotoluene	124		121		40-140	2		50
Fluoranthene	114		111		40-140	3		50
4-Chlorophenyl phenyl ether	114		110		40-140	4		50
4-Bromophenyl phenyl ether	125		119		40-140	5		50
Bis(2-chloroisopropyl)ether	80		76		40-140	5		50
Bis(2-chloroethoxy)methane	97		94		40-117	3		50
Hexachlorobutadiene	114		110		40-140	4		50
Hexachlorocyclopentadiene	80		78		40-140	3		50
Hexachloroethane	96		92		40-140	4		50
Isophorone	99		95		40-140	4		50
Naphthalene	99		96		40-140	3		50
Nitrobenzene	94		90		40-140	4		50
NDPA/DPA	116		110		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1426260-2 WG1426260-3								
n-Nitrosodi-n-propylamine	98		94		32-121	4		50
Bis(2-ethylhexyl)phthalate	137		129		40-140	6		50
Butyl benzyl phthalate	135		130		40-140	4		50
Di-n-butylphthalate	127		120		40-140	6		50
Di-n-octylphthalate	125		120		40-140	4		50
Diethyl phthalate	117		112		40-140	4		50
Dimethyl phthalate	115		113		40-140	2		50
Benzo(a)anthracene	107		102		40-140	5		50
Benzo(a)pyrene	125		118		40-140	6		50
Benzo(b)fluoranthene	121		117		40-140	3		50
Benzo(k)fluoranthene	118		111		40-140	6		50
Chrysene	107		104		40-140	3		50
Acenaphthylene	111		107		40-140	4		50
Anthracene	108		105		40-140	3		50
Benzo(ghi)perylene	115		110		40-140	4		50
Fluorene	111		106		40-140	5		50
Phenanthrene	105		102		40-140	3		50
Dibenzo(a,h)anthracene	116		112		40-140	4		50
Indeno(1,2,3-cd)pyrene	122		116		40-140	5		50
Pyrene	110		107		35-142	3		50
Biphenyl	108		106		37-127	2		50
4-Chloroaniline	81		81		40-140	0		50
2-Nitroaniline	123		120		47-134	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1426260-2 WG1426260-3								
3-Nitroaniline	82		78		26-129	5		50
4-Nitroaniline	110		107		41-125	3		50
Dibenzofuran	107		102		40-140	5		50
2-Methylnaphthalene	105		102		40-140	3		50
1,2,4,5-Tetrachlorobenzene	116		112		40-117	4		50
Acetophenone	102		98		14-144	4		50
2,4,6-Trichlorophenol	120		117		30-130	3		50
p-Chloro-m-cresol	113	Q	111	Q	26-103	2		50
2-Chlorophenol	105	Q	101		25-102	4		50
2,4-Dichlorophenol	110		107		30-130	3		50
2,4-Dimethylphenol	106		103		30-130	3		50
2-Nitrophenol	109		107		30-130	2		50
4-Nitrophenol	100		97		11-114	3		50
2,4-Dinitrophenol	99		94		4-130	5		50
4,6-Dinitro-o-cresol	128		122		10-130	5		50
Pentachlorophenol	114	Q	113	Q	17-109	1		50
Phenol	94	Q	90		26-90	4		50
2-Methylphenol	102		99		30-130	3		50
3-Methylphenol/4-Methylphenol	109		105		30-130	4		50
2,4,5-Trichlorophenol	119		119		30-130	0		50
Benzoic Acid	113	Q	110		10-110	3		50
Benzyl Alcohol	100		96		40-140	4		50
Carbazole	106		104		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1426260-2 WG1426260-3								
1,4-Dioxane	62		60		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	90		87		25-120
Phenol-d6	89		87		10-120
Nitrobenzene-d5	85		83		23-120
2-Fluorobiphenyl	96		95		30-120
2,4,6-Tribromophenol	119		114		10-136
4-Terphenyl-d14	103		101		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 Batch: WG1427921-2 WG1427921-3								
Perfluorooctanesulfonamide (FOSA)	96		95		67-137	1		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	85		85		1-125

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 Batch: WG1427921-2 WG1427921-3								
Perfluorobutanoic Acid (PFBA)	106		108		71-135	2		30
Perfluoropentanoic Acid (PFPeA)	113		116		69-132	3		30
Perfluorobutanesulfonic Acid (PFBS)	112		116		72-128	4		30
Perfluorohexanoic Acid (PFHxA)	112		110		70-132	2		30
Perfluoroheptanoic Acid (PFHpA)	106		106		71-131	0		30
Perfluorohexanesulfonic Acid (PFHxS)	105		112		67-130	6		30
Perfluorooctanoic Acid (PFOA)	107		107		69-133	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	121		123		64-140	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	107		107		70-132	0		30
Perfluorononanoic Acid (PFNA)	113		114		72-129	1		30
Perfluorooctanesulfonic Acid (PFOS)	116		113		68-136	3		30
Perfluorodecanoic Acid (PFDA)	105		106		69-133	1		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	123		106		65-137	15		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		104		63-144	14		30
Perfluoroundecanoic Acid (PFUnA)	108		108		64-136	0		30
Perfluorodecanesulfonic Acid (PFDS)	119		121		59-134	2		30
Perfluorooctanesulfonamide (FOSA)	106		103		67-137	3		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	105		112		61-139	6		30
Perfluorododecanoic Acid (PFDoA)	107		111		69-135	4		30
Perfluorotridecanoic Acid (PFTrDA)	103		105		66-139	2		30
Perfluorotetradecanoic Acid (PFTA)	117		119		69-133	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 Batch: WG1427921-2 WG1427921-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	111		108		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	115		110		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	110		114		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	110		108		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	117		114		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	120		124		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	110		109		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	84		95		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		99		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		115		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108		106		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		111		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	91		85		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		112		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	23		28		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	86		82		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101		100		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		68		26-160

PCBS

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-01
 Client ID: S-1 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:20
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 11:40
 Analyst: JAW
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.50	1	A
Aroclor 1232	ND		ug/kg	34.9	7.41	1	A
Aroclor 1242	ND		ug/kg	34.9	4.71	1	A
Aroclor 1248	ND		ug/kg	34.9	5.24	1	A
Aroclor 1254	63.5	P	ug/kg	34.9	3.82	1	B
Aroclor 1260	ND		ug/kg	34.9	6.46	1	A
Aroclor 1262	ND		ug/kg	34.9	4.44	1	A
Aroclor 1268	ND		ug/kg	34.9	3.62	1	A
PCBs, Total	63.5		ug/kg	34.9	3.10	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02 D
 Client ID: S-2 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:40
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 15:22
 Analyst: JAW
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	725	64.4	20	A
Aroclor 1221	ND		ug/kg	725	72.6	20	A
Aroclor 1232	ND		ug/kg	725	154.	20	A
Aroclor 1242	ND		ug/kg	725	97.7	20	A
Aroclor 1248	ND		ug/kg	725	109.	20	A
Aroclor 1254	4640		ug/kg	725	79.3	20	B
Aroclor 1260	ND		ug/kg	725	134.	20	A
Aroclor 1262	ND		ug/kg	725	92.1	20	A
Aroclor 1268	ND		ug/kg	725	75.1	20	A
PCBs, Total	4640		ug/kg	725	64.4	20	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-03
 Client ID: S-3 (1-2)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 11:53
 Analyst: JAW
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.9	3.54	1	A
Aroclor 1221	ND		ug/kg	39.9	4.00	1	A
Aroclor 1232	ND		ug/kg	39.9	8.46	1	A
Aroclor 1242	ND		ug/kg	39.9	5.38	1	A
Aroclor 1248	ND		ug/kg	39.9	5.99	1	A
Aroclor 1254	406		ug/kg	39.9	4.37	1	A
Aroclor 1260	ND		ug/kg	39.9	7.38	1	A
Aroclor 1262	ND		ug/kg	39.9	5.07	1	A
Aroclor 1268	ND		ug/kg	39.9	4.14	1	A
PCBs, Total	406		ug/kg	39.9	3.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-04
 Client ID: S-4 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 12:00
 Analyst: JAW
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	3.29	1	A
Aroclor 1221	ND		ug/kg	37.1	3.72	1	A
Aroclor 1232	ND		ug/kg	37.1	7.86	1	A
Aroclor 1242	ND		ug/kg	37.1	5.00	1	A
Aroclor 1248	ND		ug/kg	37.1	5.56	1	A
Aroclor 1254	14.9	J	ug/kg	37.1	4.06	1	A
Aroclor 1260	ND		ug/kg	37.1	6.85	1	A
Aroclor 1262	ND		ug/kg	37.1	4.71	1	A
Aroclor 1268	ND		ug/kg	37.1	3.84	1	A
PCBs, Total	14.9	J	ug/kg	37.1	3.29	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-05
 Client ID: S-5 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 15:29
 Analyst: JAW
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.9	3.28	1	A
Aroclor 1221	ND		ug/kg	36.9	3.70	1	A
Aroclor 1232	ND		ug/kg	36.9	7.82	1	A
Aroclor 1242	ND		ug/kg	36.9	4.98	1	A
Aroclor 1248	ND		ug/kg	36.9	5.54	1	A
Aroclor 1254	112		ug/kg	36.9	4.04	1	A
Aroclor 1260	ND		ug/kg	36.9	6.82	1	A
Aroclor 1262	ND		ug/kg	36.9	4.69	1	A
Aroclor 1268	ND		ug/kg	36.9	3.82	1	A
PCBs, Total	112		ug/kg	36.9	3.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06
 Client ID: S-6 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 12:14
 Analyst: JAW
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.5	3.06	1	A
Aroclor 1221	ND		ug/kg	34.5	3.46	1	A
Aroclor 1232	ND		ug/kg	34.5	7.32	1	A
Aroclor 1242	ND		ug/kg	34.5	4.65	1	A
Aroclor 1248	ND		ug/kg	34.5	5.18	1	A
Aroclor 1254	17.5	J	ug/kg	34.5	3.78	1	A
Aroclor 1260	ND		ug/kg	34.5	6.38	1	A
Aroclor 1262	ND		ug/kg	34.5	4.38	1	A
Aroclor 1268	ND		ug/kg	34.5	3.58	1	A
PCBs, Total	17.5	J	ug/kg	34.5	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-07
 Client ID: S-7 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 11:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 12:21
 Analyst: JAW
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.67	1	A
Aroclor 1232	ND		ug/kg	36.6	7.76	1	A
Aroclor 1242	ND		ug/kg	36.6	4.94	1	A
Aroclor 1248	ND		ug/kg	36.6	5.49	1	A
Aroclor 1254	ND		ug/kg	36.6	4.01	1	A
Aroclor 1260	ND		ug/kg	36.6	6.77	1	A
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	ND		ug/kg	36.6	3.79	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-08
 Client ID: S-8 (8-9)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 12:28
 Analyst: JAW
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.1	3.56	1	A
Aroclor 1221	ND		ug/kg	40.1	4.02	1	A
Aroclor 1232	ND		ug/kg	40.1	8.51	1	A
Aroclor 1242	ND		ug/kg	40.1	5.41	1	A
Aroclor 1248	ND		ug/kg	40.1	6.02	1	A
Aroclor 1254	ND		ug/kg	40.1	4.39	1	A
Aroclor 1260	ND		ug/kg	40.1	7.41	1	A
Aroclor 1262	ND		ug/kg	40.1	5.10	1	A
Aroclor 1268	ND		ug/kg	40.1	4.16	1	A
PCBs, Total	ND		ug/kg	40.1	3.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-09
 Client ID: S-9 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:25
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 12:42
 Analyst: JAW
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.3	3.14	1	A
Aroclor 1221	ND		ug/kg	35.3	3.54	1	A
Aroclor 1232	ND		ug/kg	35.3	7.49	1	A
Aroclor 1242	ND		ug/kg	35.3	4.76	1	A
Aroclor 1248	ND		ug/kg	35.3	5.30	1	A
Aroclor 1254	26.3	J	ug/kg	35.3	3.86	1	A
Aroclor 1260	ND		ug/kg	35.3	6.52	1	A
Aroclor 1262	ND		ug/kg	35.3	4.48	1	A
Aroclor 1268	ND		ug/kg	35.3	3.66	1	A
PCBs, Total	26.3	J	ug/kg	35.3	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 12:48
 Analyst: JAW
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.67	1	A
Aroclor 1232	ND		ug/kg	36.6	7.76	1	A
Aroclor 1242	ND		ug/kg	36.6	4.93	1	A
Aroclor 1248	ND		ug/kg	36.6	5.49	1	A
Aroclor 1254	ND		ug/kg	36.6	4.00	1	A
Aroclor 1260	ND		ug/kg	36.6	6.76	1	A
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	ND		ug/kg	36.6	3.79	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-11
 Client ID: S-11 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 13:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/25/20 12:55
 Analyst: JAW
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/24/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.4	3.50	1	A
Aroclor 1221	ND		ug/kg	39.4	3.95	1	A
Aroclor 1232	ND		ug/kg	39.4	8.36	1	A
Aroclor 1242	ND		ug/kg	39.4	5.32	1	A
Aroclor 1248	ND		ug/kg	39.4	5.92	1	A
Aroclor 1254	ND		ug/kg	39.4	4.31	1	A
Aroclor 1260	ND		ug/kg	39.4	7.29	1	A
Aroclor 1262	ND		ug/kg	39.4	5.01	1	A
Aroclor 1268	ND		ug/kg	39.4	4.08	1	A
PCBs, Total	ND		ug/kg	39.4	3.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/25/20 10:17
Analyst: SH

Extraction Method: EPA 3546
Extraction Date: 10/23/20 21:25
Cleanup Method: EPA 3665A
Cleanup Date: 10/24/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-11 Batch: WG1425855-1						
Aroclor 1016	ND		ug/kg	32.8	2.91	A
Aroclor 1221	ND		ug/kg	32.8	3.28	A
Aroclor 1232	ND		ug/kg	32.8	6.95	A
Aroclor 1242	ND		ug/kg	32.8	4.42	A
Aroclor 1248	ND		ug/kg	32.8	4.91	A
Aroclor 1254	ND		ug/kg	32.8	3.58	A
Aroclor 1260	ND		ug/kg	32.8	6.06	A
Aroclor 1262	ND		ug/kg	32.8	4.16	A
Aroclor 1268	ND		ug/kg	32.8	3.39	A
PCBs, Total	ND		ug/kg	32.8	2.91	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	75		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046080

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-11 Batch: WG1425855-2 WG1425855-3									
Aroclor 1016	85		87		40-140	2		50	A
Aroclor 1260	80		85		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		70		30-150	A
Decachlorobiphenyl	78		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	B
Decachlorobiphenyl	70		69		30-150	B

PESTICIDES

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-01
 Client ID: S-1 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:20
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/25/20 19:11
 Analyst: JMC
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.318	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.647	1	A
Heptachlor	ND		ug/kg	0.853	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.533	1	A
4,4'-DDE	3.06	IP	ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	6.64		ug/kg	3.20	1.37	1	B
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	5.36		ug/kg	2.13	0.594	1	A
trans-Chlordane	3.21		ug/kg	2.13	0.563	1	A
Chlordane	ND		ug/kg	14.2	5.65	1	A

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-01

Date Collected: 10/22/20 08:20

Client ID: S-1 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, 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	79		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	143		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02
 Client ID: S-2 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 08:40
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/25/20 19:22
 Analyst: JMC
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.752	0.336	1	A
Alpha-BHC	ND		ug/kg	0.752	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.902	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.635	1	A
Heptachlor epoxide	32.2	P	ug/kg	3.38	1.01	1	B
Endrin	ND		ug/kg	0.752	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.789	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	139		ug/kg	1.80	0.417	1	A
4,4'-DDD	11.8		ug/kg	1.80	0.643	1	B
4,4'-DDT	251	E	ug/kg	3.38	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.603	1	A
Endosulfan sulfate	ND		ug/kg	0.752	0.358	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.47	1	A
cis-Chlordane	22.2		ug/kg	2.25	0.628	1	A
trans-Chlordane	48.7	P	ug/kg	2.25	0.595	1	B
Chlordane	262	P	ug/kg	15.0	5.98	1	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-02

Date Collected: 10/22/20 08:40

Client ID: S-2 (3-4)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-02 D

Date Collected: 10/22/20 08:40

Client ID: S-2 (3-4)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 10/24/20 06:21

Analytical Date: 10/27/20 16:49

Cleanup Method: EPA 3620B

Analyst: JMC

Cleanup Date: 10/24/20

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	368	P	ug/kg	16.9	7.25	5	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-03
 Client ID: S-3 (1-2)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/26/20 15:03
 Analyst: JMC
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.800	0.358	1	A
Alpha-BHC	ND		ug/kg	0.800	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.728	1	A
Heptachlor	ND		ug/kg	0.960	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.676	1	A
Heptachlor epoxide	1.77	JIP	ug/kg	3.60	1.08	1	A
Endrin	ND		ug/kg	0.800	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.840	1	A
Endrin ketone	ND		ug/kg	1.92	0.494	1	A
Dieldrin	ND		ug/kg	1.20	0.600	1	A
4,4'-DDE	11.0		ug/kg	1.92	0.444	1	A
4,4'-DDD	1.86	J	ug/kg	1.92	0.685	1	B
4,4'-DDT	26.5		ug/kg	3.60	1.54	1	B
Endosulfan I	ND		ug/kg	1.92	0.454	1	A
Endosulfan II	ND		ug/kg	1.92	0.642	1	A
Endosulfan sulfate	ND		ug/kg	0.800	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	1.21	JIP	ug/kg	2.40	0.669	1	B
trans-Chlordane	2.62	IP	ug/kg	2.40	0.634	1	A
Chlordane	70.5	P	ug/kg	16.0	6.36	1	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-03

Date Collected: 10/22/20 09:10

Client ID: S-3 (1-2)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, 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	82		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-04
 Client ID: S-4 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 09:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/26/20 15:14
 Analyst: JMC
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.887	0.398	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND	I	ug/kg	3.32	0.998	1	B
Endrin	ND		ug/kg	0.739	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.77	0.457	1	A
Dieldrin	12.4		ug/kg	1.11	0.554	1	A
4,4'-DDE	9.97		ug/kg	1.77	0.410	1	B
4,4'-DDD	5.47		ug/kg	1.77	0.632	1	A
4,4'-DDT	18.8		ug/kg	3.32	1.43	1	A
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.739	0.352	1	A
Methoxychlor	35.7	IP	ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.31	1	A
cis-Chlordane	7.83		ug/kg	2.22	0.618	1	A
trans-Chlordane	8.24		ug/kg	2.22	0.585	1	B
Chlordane	88.4		ug/kg	14.8	5.87	1	A

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-04

Date Collected: 10/22/20 09:45

Client ID: S-4 (4-5)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, 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	85		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-05
 Client ID: S-5 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/26/20 15:25
 Analyst: JMC
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.764	0.342	1	A
Alpha-BHC	ND		ug/kg	0.764	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.917	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.646	1	A
Heptachlor epoxide	2.46	JIP	ug/kg	3.44	1.03	1	B
Endrin	ND		ug/kg	0.764	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	3.19		ug/kg	1.15	0.573	1	B
4,4'-DDE	123		ug/kg	1.83	0.424	1	B
4,4'-DDD	14.9		ug/kg	1.83	0.654	1	B
4,4'-DDT	677	E	ug/kg	3.44	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.613	1	A
Endosulfan sulfate	ND		ug/kg	0.764	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.63	1	A
cis-Chlordane	4.55		ug/kg	2.29	0.639	1	B
trans-Chlordane	3.07	IP	ug/kg	2.29	0.605	1	A
Chlordane	73.6		ug/kg	15.3	6.08	1	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-05

Date Collected: 10/22/20 10:45

Client ID: S-5 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-05 D

Date Collected: 10/22/20 10:45

Client ID: S-5 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 10/24/20 06:21

Analytical Date: 10/27/20 08:19

Cleanup Method: EPA 3620B

Analyst: SL

Cleanup Date: 10/24/20

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	1090		ug/kg	34.4	14.7	10	A

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06
 Client ID: S-6 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 10:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/26/20 15:37
 Analyst: JMC
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.687	0.307	1	A
Alpha-BHC	ND		ug/kg	0.687	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.625	1	A
Heptachlor	ND		ug/kg	0.824	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.580	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.928	1	A
Endrin	ND		ug/kg	0.687	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.721	1	A
Endrin ketone	ND		ug/kg	1.65	0.424	1	A
Dieldrin	3.49		ug/kg	1.03	0.515	1	A
4,4'-DDE	11.4		ug/kg	1.65	0.381	1	B
4,4'-DDD	1.62	J	ug/kg	1.65	0.588	1	A
4,4'-DDT	7.17		ug/kg	3.09	1.32	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.551	1	A
Endosulfan sulfate	ND		ug/kg	0.687	0.327	1	A
Methoxychlor	2.85	JIP	ug/kg	3.09	0.962	1	A
Toxaphene	ND		ug/kg	30.9	8.66	1	A
cis-Chlordane	3.34		ug/kg	2.06	0.574	1	A
trans-Chlordane	3.40		ug/kg	2.06	0.544	1	A
Chlordane	56.3		ug/kg	13.7	5.46	1	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-06

Date Collected: 10/22/20 10:05

Client ID: S-6 (5-6)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, 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	83		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-07
 Client ID: S-7 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 11:45
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/26/20 15:48
 Analyst: JMC
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.358	1	A
Lindane	ND		ug/kg	0.761	0.340	1	A
Alpha-BHC	ND		ug/kg	0.761	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.692	1	A
Heptachlor	ND		ug/kg	0.913	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.643	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.03	1	A
Endrin	ND		ug/kg	0.761	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.799	1	A
Endrin ketone	ND		ug/kg	1.82	0.470	1	A
Dieldrin	ND		ug/kg	1.14	0.571	1	A
4,4'-DDE	ND		ug/kg	1.82	0.422	1	A
4,4'-DDD	ND		ug/kg	1.82	0.651	1	A
4,4'-DDT	6.46		ug/kg	3.42	1.47	1	B
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.761	0.362	1	A
Methoxychlor	4.38		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.59	1	A
cis-Chlordane	32.5		ug/kg	2.28	0.636	1	A
trans-Chlordane	32.8		ug/kg	2.28	0.602	1	A
Chlordane	287		ug/kg	15.2	6.05	1	A

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-07

Date Collected: 10/22/20 11:45

Client ID: S-7 (5-6)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, 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	82		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-08
 Client ID: S-8 (8-9)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:10
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/26/20 17:20
 Analyst: JMC
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.777	0.347	1	A
Alpha-BHC	ND		ug/kg	0.777	0.221	1	A
Beta-BHC	ND		ug/kg	1.86	0.707	1	A
Heptachlor	ND		ug/kg	0.932	0.418	1	A
Aldrin	ND		ug/kg	1.86	0.657	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.777	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.816	1	A
Endrin ketone	ND		ug/kg	1.86	0.480	1	A
Dieldrin	1.02	JIP	ug/kg	1.16	0.583	1	B
4,4'-DDE	ND		ug/kg	1.86	0.431	1	A
4,4'-DDD	ND		ug/kg	1.86	0.665	1	A
4,4'-DDT	ND		ug/kg	3.50	1.50	1	A
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.623	1	A
Endosulfan sulfate	ND		ug/kg	0.777	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.79	1	A
cis-Chlordane	26.8		ug/kg	2.33	0.650	1	A
trans-Chlordane	9.22		ug/kg	2.33	0.615	1	A
Chlordane	329		ug/kg	15.5	6.18	1	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-08

Date Collected: 10/22/20 12:10

Client ID: S-8 (8-9)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, 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	65		30-150	A
Decachlorobiphenyl	119		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-09
 Client ID: S-9 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:25
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/26/20 17:32
 Analyst: JMC
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.845	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	0.953	JP	ug/kg	3.17	0.950	1	A
Endrin	ND		ug/kg	0.704	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.739	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	8.42		ug/kg	1.06	0.528	1	A
4,4'-DDE	10.2		ug/kg	1.69	0.391	1	A
4,4'-DDD	3.84		ug/kg	1.69	0.603	1	B
4,4'-DDT	42.0		ug/kg	3.17	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	9.05		ug/kg	2.11	0.588	1	B
trans-Chlordane	6.14		ug/kg	2.11	0.558	1	B
Chlordane	78.6	P	ug/kg	14.1	5.60	1	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-09

Date Collected: 10/22/20 12:25

Client ID: S-9 (4-5)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, 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	85		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	156	Q	30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/26/20 17:43
 Analyst: JMC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.344	1	A
Lindane	ND		ug/kg	0.731	0.327	1	A
Alpha-BHC	ND		ug/kg	0.731	0.208	1	A
Beta-BHC	ND		ug/kg	1.75	0.665	1	A
Heptachlor	ND		ug/kg	0.877	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.618	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.987	1	A
Endrin	ND		ug/kg	0.731	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.767	1	A
Endrin ketone	ND		ug/kg	1.75	0.452	1	A
Dieldrin	0.892	JIP	ug/kg	1.10	0.548	1	B
4,4'-DDE	6.58		ug/kg	1.75	0.406	1	A
4,4'-DDD	1.33	JIP	ug/kg	1.75	0.626	1	B
4,4'-DDT	8.77	IP	ug/kg	3.29	1.41	1	B
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.731	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.21	1	A
cis-Chlordane	ND		ug/kg	2.19	0.611	1	A
trans-Chlordane	2.32		ug/kg	2.19	0.579	1	B
Chlordane	30.1		ug/kg	14.6	5.81	1	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-10
 Client ID: S-10 (6-7)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 12:50
 Date Received: 10/23/20
 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	81		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-11
 Client ID: S-11 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/22/20 13:05
 Date Received: 10/23/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/26/20 17:55
 Analyst: JMC
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 10/24/20 06:21
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.369	1	A
Lindane	ND		ug/kg	0.786	0.351	1	A
Alpha-BHC	ND		ug/kg	0.786	0.223	1	A
Beta-BHC	ND		ug/kg	1.88	0.715	1	A
Heptachlor	ND		ug/kg	0.943	0.423	1	A
Aldrin	ND		ug/kg	1.88	0.664	1	A
Heptachlor epoxide	ND		ug/kg	3.54	1.06	1	A
Endrin	ND		ug/kg	0.786	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.825	1	A
Endrin ketone	ND		ug/kg	1.88	0.486	1	A
Dieldrin	ND		ug/kg	1.18	0.589	1	A
4,4'-DDE	21.3		ug/kg	1.88	0.436	1	A
4,4'-DDD	2.02		ug/kg	1.88	0.672	1	B
4,4'-DDT	42.4		ug/kg	3.54	1.52	1	B
Endosulfan I	ND		ug/kg	1.88	0.445	1	A
Endosulfan II	ND		ug/kg	1.88	0.630	1	A
Endosulfan sulfate	ND		ug/kg	0.786	0.374	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.90	1	A
cis-Chlordane	5.95		ug/kg	2.36	0.657	1	B
trans-Chlordane	7.72		ug/kg	2.36	0.622	1	A
Chlordane	60.5		ug/kg	15.7	6.25	1	B

Project Name: 327 HUGUENOT**Lab Number:** L2046080**Project Number:** 11571**Report Date:** 11/04/20**SAMPLE RESULTS**

Lab ID: L2046080-11

Date Collected: 10/22/20 13:05

Client ID: S-11 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, 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	79		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/24/20 08:28
Analyst: JMC

Extraction Method: EPA 3546
Extraction Date: 10/23/20 17:36
Cleanup Method: EPA 3620B
Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-11 Batch: WG1425805-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.632	0.283	A
Alpha-BHC	ND		ug/kg	0.632	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.576	A
Heptachlor	ND		ug/kg	0.759	0.340	A
Aldrin	ND		ug/kg	1.52	0.534	A
Heptachlor epoxide	ND		ug/kg	2.85	0.854	A
Endrin	ND		ug/kg	0.632	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.949	0.474	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.541	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.507	A
Endosulfan sulfate	ND		ug/kg	0.632	0.301	A
Methoxychlor	ND		ug/kg	2.85	0.886	A
Toxaphene	ND		ug/kg	28.5	7.97	A
cis-Chlordane	ND		ug/kg	1.90	0.529	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.6	5.03	A

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/24/20 08:28
Analyst: JMC

Extraction Method: EPA 3546
Extraction Date: 10/23/20 17:36
Cleanup Method: EPA 3620B
Cleanup Date: 10/24/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-11 Batch: WG1425805-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	57		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-11 Batch: WG1425805-2 WG1425805-3									
Delta-BHC	83		88		30-150	6		30	A
Lindane	83		89		30-150	7		30	A
Alpha-BHC	84		91		30-150	8		30	A
Beta-BHC	103		112		30-150	8		30	A
Heptachlor	94		103		30-150	9		30	A
Aldrin	77		86		30-150	11		30	A
Heptachlor epoxide	87		99		30-150	13		30	A
Endrin	88		101		30-150	14		30	A
Endrin aldehyde	73		80		30-150	9		30	A
Endrin ketone	77		81		30-150	5		30	A
Dieldrin	76		85		30-150	11		30	A
4,4'-DDE	74		82		30-150	10		30	A
4,4'-DDD	79		90		30-150	13		30	A
4,4'-DDT	88		102		30-150	15		30	A
Endosulfan I	85		92		30-150	8		30	A
Endosulfan II	91		101		30-150	10		30	A
Endosulfan sulfate	74		81		30-150	9		30	A
Methoxychlor	92		103		30-150	11		30	A
cis-Chlordane	68		76		30-150	11		30	A
trans-Chlordane	85		87		30-150	2		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-11 Batch: WG1425805-2 WG1425805-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	77		84		30-150	A
Decachlorobiphenyl	89		99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		72		30-150	B
Decachlorobiphenyl	78		86		30-150	B

METALS

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-01

Date Collected: 10/22/20 08:20

Client ID: S-1 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6180		mg/kg	8.27	2.23	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.14	0.314	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Arsenic, Total	1.22		mg/kg	0.827	0.172	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Barium, Total	49.3		mg/kg	0.827	0.144	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Beryllium, Total	0.182	J	mg/kg	0.414	0.027	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Cadmium, Total	0.174	J	mg/kg	0.827	0.081	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Calcium, Total	7360		mg/kg	8.27	2.89	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Chromium, Total	10.3		mg/kg	0.827	0.079	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Cobalt, Total	6.29		mg/kg	1.65	0.137	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Copper, Total	16.3		mg/kg	0.827	0.213	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Iron, Total	10700		mg/kg	4.14	0.747	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Lead, Total	10.8		mg/kg	4.14	0.222	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Magnesium, Total	3090		mg/kg	8.27	1.27	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Manganese, Total	386		mg/kg	0.827	0.132	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.073	0.048	1	10/27/20 21:22	10/28/20 21:30	EPA 7471B	1,7471B	AL
Nickel, Total	10.6		mg/kg	2.07	0.200	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Potassium, Total	1450		mg/kg	207	11.9	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.65	0.213	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.827	0.234	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Sodium, Total	452		mg/kg	165	2.60	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.65	0.260	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Vanadium, Total	16.8		mg/kg	0.827	0.168	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD
Zinc, Total	17.8		mg/kg	4.14	0.242	2	10/27/20 20:50	10/29/20 17:51	EPA 3050B	1,6010D	GD



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02

Date Collected: 10/22/20 08:40

Client ID: S-2 (3-4)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3100		mg/kg	9.01	2.43	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.51	0.342	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Arsenic, Total	2.23		mg/kg	0.901	0.187	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Barium, Total	774		mg/kg	0.901	0.157	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Beryllium, Total	0.144	J	mg/kg	0.451	0.030	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Cadmium, Total	0.874	J	mg/kg	0.901	0.088	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Calcium, Total	30900		mg/kg	9.01	3.15	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Chromium, Total	7.35		mg/kg	0.901	0.087	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Cobalt, Total	2.98		mg/kg	1.80	0.150	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Copper, Total	9.99		mg/kg	0.901	0.232	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Iron, Total	3850		mg/kg	4.51	0.814	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Lead, Total	1190		mg/kg	4.51	0.242	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Magnesium, Total	4240		mg/kg	9.01	1.39	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Manganese, Total	79.0		mg/kg	0.901	0.143	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Mercury, Total	0.258		mg/kg	0.080	0.052	1	10/27/20 21:22	10/28/20 21:34	EPA 7471B	1,7471B	AL
Nickel, Total	6.53		mg/kg	2.25	0.218	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Potassium, Total	540		mg/kg	225	13.0	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.80	0.232	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.901	0.255	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Sodium, Total	542		mg/kg	180	2.84	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.80	0.284	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Vanadium, Total	25.3		mg/kg	0.901	0.183	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD
Zinc, Total	604		mg/kg	4.51	0.264	2	10/27/20 20:50	10/29/20 17:55	EPA 3050B	1,6010D	GD



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-03

Date Collected: 10/22/20 09:10

Client ID: S-3 (1-2)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7710		mg/kg	9.42	2.54	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.71	0.358	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Arsenic, Total	2.16		mg/kg	0.942	0.196	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Barium, Total	92.4		mg/kg	0.942	0.164	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Beryllium, Total	0.094	J	mg/kg	0.471	0.031	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Cadmium, Total	0.292	J	mg/kg	0.942	0.092	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Calcium, Total	33000		mg/kg	9.42	3.30	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Chromium, Total	18.4		mg/kg	0.942	0.090	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Cobalt, Total	7.47		mg/kg	1.88	0.156	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Copper, Total	17.2		mg/kg	0.942	0.243	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Iron, Total	13000		mg/kg	4.71	0.850	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Lead, Total	28.7		mg/kg	4.71	0.252	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Magnesium, Total	18400		mg/kg	9.42	1.45	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Manganese, Total	282		mg/kg	0.942	0.150	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/27/20 21:22	10/28/20 21:37	EPA 7471B	1,7471B	AL
Nickel, Total	14.0		mg/kg	2.35	0.228	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Potassium, Total	3450		mg/kg	235	13.6	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Selenium, Total	0.480	J	mg/kg	1.88	0.243	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.942	0.266	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Sodium, Total	392		mg/kg	188	2.97	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.88	0.297	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Vanadium, Total	24.7		mg/kg	0.942	0.191	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD
Zinc, Total	49.9		mg/kg	4.71	0.276	2	10/27/20 20:50	10/29/20 18:00	EPA 3050B	1,6010D	GD



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-04

Date Collected: 10/22/20 09:45

Client ID: S-4 (4-5)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8400		mg/kg	8.83	2.38	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.41	0.335	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Arsenic, Total	1.48		mg/kg	0.883	0.184	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Barium, Total	86.4		mg/kg	0.883	0.154	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Beryllium, Total	0.185	J	mg/kg	0.441	0.029	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Cadmium, Total	0.282	J	mg/kg	0.883	0.087	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Calcium, Total	16900		mg/kg	8.83	3.09	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Chromium, Total	100		mg/kg	0.883	0.085	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Cobalt, Total	9.82		mg/kg	1.76	0.146	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Copper, Total	17.2		mg/kg	0.883	0.228	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Iron, Total	18000		mg/kg	4.41	0.797	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Lead, Total	18.7		mg/kg	4.41	0.236	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Magnesium, Total	8390		mg/kg	8.83	1.36	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Manganese, Total	520		mg/kg	0.883	0.140	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Mercury, Total	0.052	J	mg/kg	0.078	0.051	1	10/27/20 21:22	10/28/20 21:40	EPA 7471B	1,7471B	AL
Nickel, Total	50.5		mg/kg	2.21	0.214	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Potassium, Total	3460		mg/kg	221	12.7	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Selenium, Total	0.397	J	mg/kg	1.76	0.228	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.883	0.250	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Sodium, Total	486		mg/kg	176	2.78	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.76	0.278	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Vanadium, Total	28.1		mg/kg	0.883	0.179	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD
Zinc, Total	35.4		mg/kg	4.41	0.259	2	10/27/20 20:50	10/29/20 18:14	EPA 3050B	1,6010D	GD



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-05

Date Collected: 10/22/20 10:45

Client ID: S-5 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6440		mg/kg	9.18	2.48	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.59	0.349	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Arsenic, Total	3.72		mg/kg	0.918	0.191	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Barium, Total	409		mg/kg	0.918	0.160	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Beryllium, Total	0.275	J	mg/kg	0.459	0.030	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Cadmium, Total	0.275	J	mg/kg	0.918	0.090	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Calcium, Total	46700		mg/kg	9.18	3.21	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Chromium, Total	8.94		mg/kg	0.918	0.088	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Cobalt, Total	4.04		mg/kg	1.84	0.152	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Copper, Total	6.95		mg/kg	0.918	0.237	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Iron, Total	7120		mg/kg	4.59	0.829	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Lead, Total	323		mg/kg	4.59	0.246	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Magnesium, Total	7860		mg/kg	9.18	1.41	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Manganese, Total	158		mg/kg	0.918	0.146	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Mercury, Total	0.113		mg/kg	0.075	0.049	1	10/27/20 21:22	10/28/20 21:44	EPA 7471B	1,7471B	AL
Nickel, Total	6.85		mg/kg	2.30	0.222	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Potassium, Total	1160		mg/kg	230	13.2	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Selenium, Total	0.597	J	mg/kg	1.84	0.237	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.918	0.260	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Sodium, Total	902		mg/kg	184	2.89	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.84	0.289	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Vanadium, Total	23.5		mg/kg	0.918	0.186	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD
Zinc, Total	178		mg/kg	4.59	0.269	2	10/27/20 20:50	10/29/20 18:19	EPA 3050B	1,6010D	GD



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06

Date Collected: 10/22/20 10:05

Client ID: S-6 (5-6)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4730		mg/kg	8.38	2.26	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.19	0.319	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Arsenic, Total	3.29		mg/kg	0.838	0.174	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Barium, Total	133		mg/kg	0.838	0.146	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Beryllium, Total	0.201	J	mg/kg	0.419	0.028	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Cadmium, Total	0.252	J	mg/kg	0.838	0.082	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Calcium, Total	44200		mg/kg	8.38	2.93	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Chromium, Total	6.74		mg/kg	0.838	0.081	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Cobalt, Total	2.85		mg/kg	1.68	0.139	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Copper, Total	6.40		mg/kg	0.838	0.216	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Iron, Total	5670		mg/kg	4.19	0.757	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Lead, Total	319		mg/kg	4.19	0.225	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Magnesium, Total	9690		mg/kg	8.38	1.29	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Manganese, Total	118		mg/kg	0.838	0.133	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.076	0.050	1	10/27/20 21:22	10/28/20 21:47	EPA 7471B	1,7471B	AL
Nickel, Total	6.01		mg/kg	2.10	0.203	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Potassium, Total	750		mg/kg	210	12.1	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Selenium, Total	0.335	J	mg/kg	1.68	0.216	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.838	0.237	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Sodium, Total	599		mg/kg	168	2.64	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.68	0.264	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Vanadium, Total	35.2		mg/kg	0.838	0.170	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV
Zinc, Total	75.4		mg/kg	4.19	0.246	2	10/27/20 20:50	10/29/20 18:23	EPA 3050B	1,6010D	BV



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-07

Date Collected: 10/22/20 11:45

Client ID: S-7 (5-6)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9670		mg/kg	8.86	2.39	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.43	0.337	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.886	0.184	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Barium, Total	93.4		mg/kg	0.886	0.154	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Beryllium, Total	0.044	J	mg/kg	0.443	0.029	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Cadmium, Total	0.239	J	mg/kg	0.886	0.087	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Calcium, Total	422		mg/kg	8.86	3.10	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Chromium, Total	35.7		mg/kg	0.886	0.085	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Cobalt, Total	13.1		mg/kg	1.77	0.147	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Copper, Total	17.5		mg/kg	0.886	0.229	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Iron, Total	17200		mg/kg	4.43	0.800	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Lead, Total	4.84		mg/kg	4.43	0.238	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Magnesium, Total	5410		mg/kg	8.86	1.36	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Manganese, Total	609		mg/kg	0.886	0.141	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.078	0.051	1	10/27/20 21:22	10/28/20 21:50	EPA 7471B	1,7471B	AL
Nickel, Total	29.7		mg/kg	2.22	0.214	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Potassium, Total	4450		mg/kg	222	12.8	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Selenium, Total	0.399	J	mg/kg	1.77	0.229	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.886	0.251	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Sodium, Total	399		mg/kg	177	2.79	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.77	0.279	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Vanadium, Total	25.9		mg/kg	0.886	0.180	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV
Zinc, Total	35.4		mg/kg	4.43	0.260	2	10/27/20 20:50	10/29/20 18:28	EPA 3050B	1,6010D	BV



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-08

Date Collected: 10/22/20 12:10

Client ID: S-8 (8-9)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8080		mg/kg	9.68	2.61	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.84	0.368	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Arsenic, Total	0.600	J	mg/kg	0.968	0.201	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Barium, Total	60.7		mg/kg	0.968	0.168	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.484	0.032	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Cadmium, Total	0.203	J	mg/kg	0.968	0.095	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Calcium, Total	3130		mg/kg	9.68	3.39	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Chromium, Total	13.2		mg/kg	0.968	0.093	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Cobalt, Total	7.95		mg/kg	1.94	0.161	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Copper, Total	14.4		mg/kg	0.968	0.250	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Iron, Total	13400		mg/kg	4.84	0.874	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Lead, Total	3.79	J	mg/kg	4.84	0.259	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Magnesium, Total	4110		mg/kg	9.68	1.49	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Manganese, Total	289		mg/kg	0.968	0.154	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.082	0.054	1	10/27/20 21:22	10/28/20 21:53	EPA 7471B	1,7471B	AL
Nickel, Total	14.8		mg/kg	2.42	0.234	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Potassium, Total	4550		mg/kg	242	13.9	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.94	0.250	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.968	0.274	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Sodium, Total	269		mg/kg	194	3.05	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.94	0.305	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Vanadium, Total	14.4		mg/kg	0.968	0.196	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV
Zinc, Total	31.8		mg/kg	4.84	0.284	2	10/27/20 20:50	10/29/20 18:33	EPA 3050B	1,6010D	BV



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-09

Date Collected: 10/22/20 12:25

Client ID: S-9 (4-5)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6500		mg/kg	8.43	2.28	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.22	0.320	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Arsenic, Total	0.253	J	mg/kg	0.843	0.175	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Barium, Total	49.5		mg/kg	0.843	0.147	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Beryllium, Total	0.076	J	mg/kg	0.422	0.028	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Cadmium, Total	0.126	J	mg/kg	0.843	0.083	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Calcium, Total	3530		mg/kg	8.43	2.95	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Chromium, Total	13.8		mg/kg	0.843	0.081	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Cobalt, Total	4.65		mg/kg	1.69	0.140	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Copper, Total	6.59		mg/kg	0.843	0.218	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Iron, Total	7860		mg/kg	4.22	0.761	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Lead, Total	8.16		mg/kg	4.22	0.226	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Magnesium, Total	2990		mg/kg	8.43	1.30	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Manganese, Total	188		mg/kg	0.843	0.134	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.075	0.049	1	10/27/20 21:22	10/28/20 21:57	EPA 7471B	1,7471B	AL
Nickel, Total	20.3		mg/kg	2.11	0.204	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Potassium, Total	2220		mg/kg	211	12.1	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.69	0.218	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.843	0.239	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Sodium, Total	232		mg/kg	169	2.66	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.69	0.266	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Vanadium, Total	11.6		mg/kg	0.843	0.171	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV
Zinc, Total	19.8		mg/kg	4.22	0.247	2	10/27/20 20:50	10/29/20 18:37	EPA 3050B	1,6010D	BV



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-10

Date Collected: 10/22/20 12:50

Client ID: S-10 (6-7)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4110		mg/kg	8.81	2.38	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.41	0.335	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Arsenic, Total	3.07		mg/kg	0.881	0.183	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Barium, Total	173		mg/kg	0.881	0.153	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Beryllium, Total	0.176	J	mg/kg	0.441	0.029	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Cadmium, Total	0.185	J	mg/kg	0.881	0.086	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Calcium, Total	37800		mg/kg	8.81	3.08	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Chromium, Total	5.69		mg/kg	0.881	0.085	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Cobalt, Total	2.58		mg/kg	1.76	0.146	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Copper, Total	6.01		mg/kg	0.881	0.227	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Iron, Total	7030		mg/kg	4.41	0.796	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Lead, Total	299		mg/kg	4.41	0.236	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Magnesium, Total	8550		mg/kg	8.81	1.36	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Manganese, Total	116		mg/kg	0.881	0.140	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.073	0.048	1	10/27/20 21:22	10/28/20 22:07	EPA 7471B	1,7471B	AL
Nickel, Total	5.26		mg/kg	2.20	0.213	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Potassium, Total	680		mg/kg	220	12.7	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Selenium, Total	0.273	J	mg/kg	1.76	0.227	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.881	0.249	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Sodium, Total	658		mg/kg	176	2.78	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.76	0.278	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Vanadium, Total	19.4		mg/kg	0.881	0.179	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV
Zinc, Total	89.9		mg/kg	4.41	0.258	2	10/27/20 20:50	10/29/20 18:42	EPA 3050B	1,6010D	BV



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-11

Date Collected: 10/22/20 13:05

Client ID: S-11 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3040		mg/kg	9.24	2.49	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.62	0.351	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Arsenic, Total	1.85		mg/kg	0.924	0.192	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Barium, Total	55.6		mg/kg	0.924	0.161	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Beryllium, Total	0.065	J	mg/kg	0.462	0.031	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Cadmium, Total	0.194	J	mg/kg	0.924	0.091	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Calcium, Total	49200		mg/kg	9.24	3.23	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Chromium, Total	8.97		mg/kg	0.924	0.089	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Cobalt, Total	3.86		mg/kg	1.85	0.153	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Copper, Total	17.3		mg/kg	0.924	0.238	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Iron, Total	7590		mg/kg	4.62	0.834	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Lead, Total	70.4		mg/kg	4.62	0.248	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Magnesium, Total	20600		mg/kg	9.24	1.42	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Manganese, Total	127		mg/kg	0.924	0.147	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.088	0.058	1	10/27/20 21:22	10/28/20 22:10	EPA 7471B	1,7471B	AL
Nickel, Total	7.64		mg/kg	2.31	0.224	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Potassium, Total	1030		mg/kg	231	13.3	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Selenium, Total	0.360	J	mg/kg	1.85	0.238	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.924	0.261	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Sodium, Total	505		mg/kg	185	2.91	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.85	0.291	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Vanadium, Total	17.1		mg/kg	0.924	0.188	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV
Zinc, Total	50.8		mg/kg	4.62	0.271	2	10/27/20 20:50	10/29/20 18:46	EPA 3050B	1,6010D	BV



Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-11 Batch: WG1426742-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Iron, Total	ND		mg/kg	2.00	0.361	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Potassium, Total	ND		mg/kg	100	5.76	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Sodium, Total	5.23	J	mg/kg	80.0	1.26	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/27/20 20:50	10/29/20 12:31	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-11 Batch: WG1426743-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/27/20 21:22	10/28/20 21:04	1,7471B	AL



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1426742-2 SRM Lot Number: D109-540								
Aluminum, Total	50		-		50-150	-		
Antimony, Total	119		-		19-250	-		
Arsenic, Total	86		-		70-130	-		
Barium, Total	79		-		75-125	-		
Beryllium, Total	89		-		75-125	-		
Cadmium, Total	88		-		75-125	-		
Calcium, Total	88		-		73-128	-		
Chromium, Total	82		-		70-130	-		
Cobalt, Total	92		-		75-125	-		
Copper, Total	80		-		75-125	-		
Iron, Total	67		-		35-165	-		
Lead, Total	82		-		72-128	-		
Magnesium, Total	70		-		62-138	-		
Manganese, Total	84		-		74-126	-		
Nickel, Total	88		-		70-130	-		
Potassium, Total	65		-		59-141	-		
Selenium, Total	87		-		68-132	-		
Silver, Total	78		-		68-131	-		
Sodium, Total	100		-		35-165	-		
Thallium, Total	85		-		68-131	-		
Vanadium, Total	77		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046080

Report Date: 11/04/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1426742-2 SRM Lot Number: D109-540					
Zinc, Total	82	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1426743-2 SRM Lot Number: D109-540					
Mercury, Total	81	-	60-140	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1426742-3 WG1426742-4 QC Sample: L2046130-01 Client ID: MS Sample												
Aluminum, Total	4450	175	4460	6	Q	4380	0	Q	75-125	2		20
Aluminum, Total	4450	175	4280	0	Q	4240	0	Q	75-125	1		20
Antimony, Total	ND	43.8	34.7	79		35.0	80		75-125	1		20
Arsenic, Total	1.47	10.5	11.5	96		11.2	93		75-125	3		20
Barium, Total	32.6	175	183	86		180	84		75-125	2		20
Beryllium, Total	0.238J	4.38	4.24	97		4.26	98		75-125	0		20
Cadmium, Total	0.353J	4.46	4.54	102		4.48	100		75-125	1		20
Calcium, Total	802	875	1680	100		1500	80		75-125	11		20
Chromium, Total	14.1	17.5	30.3	92		29.8	90		75-125	2		20
Cobalt, Total	6.73	43.8	44.7	87		43.6	84		75-125	2		20
Copper, Total	10.2	21.9	30.2	91		30.5	93		75-125	1		20
Iron, Total	19100	87.5	18700	0	Q	20100	1140	Q	75-125	7		20
Lead, Total	9.59	44.6	47.9	86		46.3	82		75-125	3		20
Magnesium, Total	1780	875	2300	59	Q	2250	54	Q	75-125	2		20
Manganese, Total	734	43.8	765	71	Q	779	103		75-125	2		20
Nickel, Total	12.3	43.8	49.8	86		48.9	84		75-125	2		20
Potassium, Total	1310	875	1600	33	Q	1500	22	Q	75-125	6		20
Selenium, Total	0.283J	10.5	9.77	93		9.40	90		75-125	4		20
Silver, Total	ND	26.2	24.0	91		23.5	90		75-125	2		20
Sodium, Total	91.2J	875	947	108		930	106		75-125	2		20
Thallium, Total	0.715J	10.5	9.96	95		9.83	94		75-125	1		20

Matrix Spike Analysis Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1426742-3 WG1426742-4 QC Sample: L2046130-01 Client ID: MS Sample									
Vanadium, Total	22.8	43.8	59.8	84	59.3	84	75-125	1	20
Zinc, Total	27.8	43.8	65.9	87	65.6	86	75-125	0	20
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1426743-3 WG1426743-4 QC Sample: L2046130-01 Client ID: MS Sample									
Mercury, Total	ND	0.164	0.149	91	0.143	91	80-120	4	20

INORGANICS & MISCELLANEOUS

Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-01

Date Collected: 10/22/20 08:20

Client ID: S-1 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	0.50	J	mg/kg	1.0	0.22	1	10/27/20 13:00	10/27/20 15:27	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-02

Date Collected: 10/22/20 08:40

Client ID: S-2 (3-4)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/27/20 13:00	10/27/20 15:30	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-03

Date Collected: 10/22/20 09:10

Client ID: S-3 (1-2)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	0.38	J	mg/kg	1.2	0.25	1	10/27/20 13:00	10/27/20 15:31	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-04

Date Collected: 10/22/20 09:45

Client ID: S-4 (4-5)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/27/20 13:00	10/27/20 15:32	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-05

Date Collected: 10/22/20 10:45

Client ID: S-5 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	10/28/20 14:20	10/29/20 10:04	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-06

Date Collected: 10/22/20 10:05

Client ID: S-6 (5-6)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	10/27/20 13:00	10/27/20 15:35	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-07

Date Collected: 10/22/20 11:45

Client ID: S-7 (5-6)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/27/20 13:00	10/27/20 15:36	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-08

Date Collected: 10/22/20 12:10

Client ID: S-8 (8-9)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	10/27/20 13:00	10/27/20 15:37	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-09

Date Collected: 10/22/20 12:25

Client ID: S-9 (4-5)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/27/20 13:00	10/27/20 15:42	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-10

Date Collected: 10/22/20 12:50

Client ID: S-10 (6-7)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/27/20 13:00	10/27/20 15:43	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

SAMPLE RESULTS

Lab ID: L2046080-11

Date Collected: 10/22/20 13:05

Client ID: S-11 (2-3)

Date Received: 10/23/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	10/24/20 10:53	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/27/20 13:00	10/27/20 15:44	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046080

Project Number: 11571

Report Date: 11/04/20

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04,06-09 Batch: WG1426989-1									
Cyanide, Total	ND	mg/kg	0.94	0.20	1	10/27/20 13:00	10/27/20 15:18	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 10-11 Batch: WG1426991-1									
Cyanide, Total	ND	mg/kg	0.94	0.20	1	10/27/20 13:00	10/27/20 15:57	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1427621-1									
Cyanide, Total	ND	mg/kg	0.91	0.19	1	10/28/20 14:20	10/29/20 10:46	1,9010C/9012B	CR

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046080

Report Date: 11/04/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04,06-09 Batch: WG1426989-2 WG1426989-3								
Cyanide, Total	67	Q	60	Q	80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 10-11 Batch: WG1426991-2 WG1426991-3								
Cyanide, Total	66	Q	61	Q	80-120	5		35
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1427621-2 WG1427621-3								
Cyanide, Total	68	Q	73	Q	80-120	2		35

Matrix Spike Analysis Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04,06-09 QC Batch ID: WG1426989-4 WG1426989-5 QC Sample: L2046080-08 Client ID: S-8 (8-9)												
Cyanide, Total	ND	12	10	87		9.8	87		75-125	2		35
General Chemistry - Westborough Lab Associated sample(s): 10-11 QC Batch ID: WG1426991-4 WG1426991-5 QC Sample: L2046112-05 Client ID: MS Sample												
Cyanide, Total	ND	11	10	90		9.2	90		75-125	8		35
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1427621-4 WG1427621-5 QC Sample: L2046300-03 Client ID: MS Sample												
Cyanide, Total	ND	22	18	80		18	81		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046080

Report Date: 11/04/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1426095-1 QC Sample: L2045674-01 Client ID: DUP Sample						
Solids, Total	69.7	70.8	%	2		20

Project Name: 327 HUGUENOT
Project Number: 11571

Serial_No:11042020:09
Lab Number: L2046080
Report Date: 11/04/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2046080-01A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-01B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-01C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-01D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-01D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2046080-01F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046080-01G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-01X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-01Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-01Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-02A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-02B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-02C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-02D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-02D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days



Project Name: 327 HUGUENOT

Lab Number: L2046080

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2046080-02F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046080-02G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-02X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-02Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-02Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-03A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-03B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-03C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-03D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-03D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2046080-03F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046080-03G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-03X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-03Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-03Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-04A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-04B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-04C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-04D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-04D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2046080-04F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)

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Lab Number: L2046080
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2046080-04G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-04X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-04Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-04Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-05A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-05B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-05C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-05D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-05D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2046080-05F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046080-05G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-05X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-05Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-05Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-06A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-06B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-06C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-06D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-06D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2046080-06F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2046080-06G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-06X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-06Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-06Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-07A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-07B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-07C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-07D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-07D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2046080-07F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046080-07G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-07X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-07Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-07Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-08A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-08B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-08C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-08D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-08D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2046080-08F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2046080-08G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-08X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-08Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-08Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-09A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-09B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-09C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-09D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-09D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2046080-09F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046080-09G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-09X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-09Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-09Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-10A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-10B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-10C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-10D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-10D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2046080-10F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)

Project Name: 327 HUGUENOT
Project Number: 11571

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2046080-10G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-10X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-10Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-10Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-11A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-11B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-11C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-11D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2046080-11D1	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2046080-11E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2046080-11F	Plastic 8oz unpreserved	B	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046080-11G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2046080-11X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2046080-11Y	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)
L2046080-11Z	Vial Water preserved split	A	NA		2.8	Y	Absent	24-OCT-20 05:28	NYTCL-8260HLW(14)

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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-Chloroeicosafuoro-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	PFEEESA	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.

Report Format: DU Report with 'J' Qualifiers



Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

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. 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.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers



Project Name: 327 HUGUENOT
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Lab Number: L2046080
Report Date: 11/04/20

Data Qualifiers

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.

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046080
Report Date: 11/04/20

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



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 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

EPA TO-12 Non-methane organics

EPA 3C Fixed gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.



EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY 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 2	Date Rec'd in Lab 10/23/20	ALPHA Job # L 2046680		
		Project Information Project Name: 327 Huguenot Project Location: New Rochelle, NY Project # 11571 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input checked="" type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO # 11571 Phase 1	
Client Information Client: Sesi Address: 12a Maple Ave Pine Brook, NJ Phone: 973 808 9050 Fax: _____ Email: SAM@Sesi.org		Project Manager: Jesse Mausner ALPHAQuote #: _____ Turn-Around Time Standard <input checked="" type="checkbox"/> 1 week Due Date: _____ Rush (only if pre approved) <input type="checkbox"/> # of Days: _____		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other: _____	
These samples have been previously analyzed by Alpha <input type="checkbox"/>				ANALYSIS		Sample Filtration	
Other project specific requirements/comments: _____				TLL+30/TAL PFAS (537) 1,4-Dioxane Sim (82705)		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Please specify Metals or TAL. _____				Total Bottles			
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments	
		Date	Time				
46080-01	S-1 (2-3)	10/22/20	820	Soil	JCS	X	X
02	S-2 (3-4)		840			X	X
03	S-3 (1-2)		910			X	X
04	S-4 (4-5)		945			X	X
05	S-5 (2-3)		1045			X	X
06	S-6 (5-6)		1005			X	X
07	S-7 (5-6)		1145			X	X
08	S-8 (8-9)		1210			X	X
09	S-9 (4-5)		1225			X	X
10	S-10 (6-7)		1258			X	X
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A E P A P	
				Preservative A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
		Relinquished By: _____ Date/Time: _____		Received By: _____ Date/Time: _____			
		_____ 10/23/20 900		_____ 10/23/20 900			
		_____ 10/23/20 1400		_____ 10/23/20 1045			
		_____ 10/23/20 2215		_____ 10/23/20 2215			

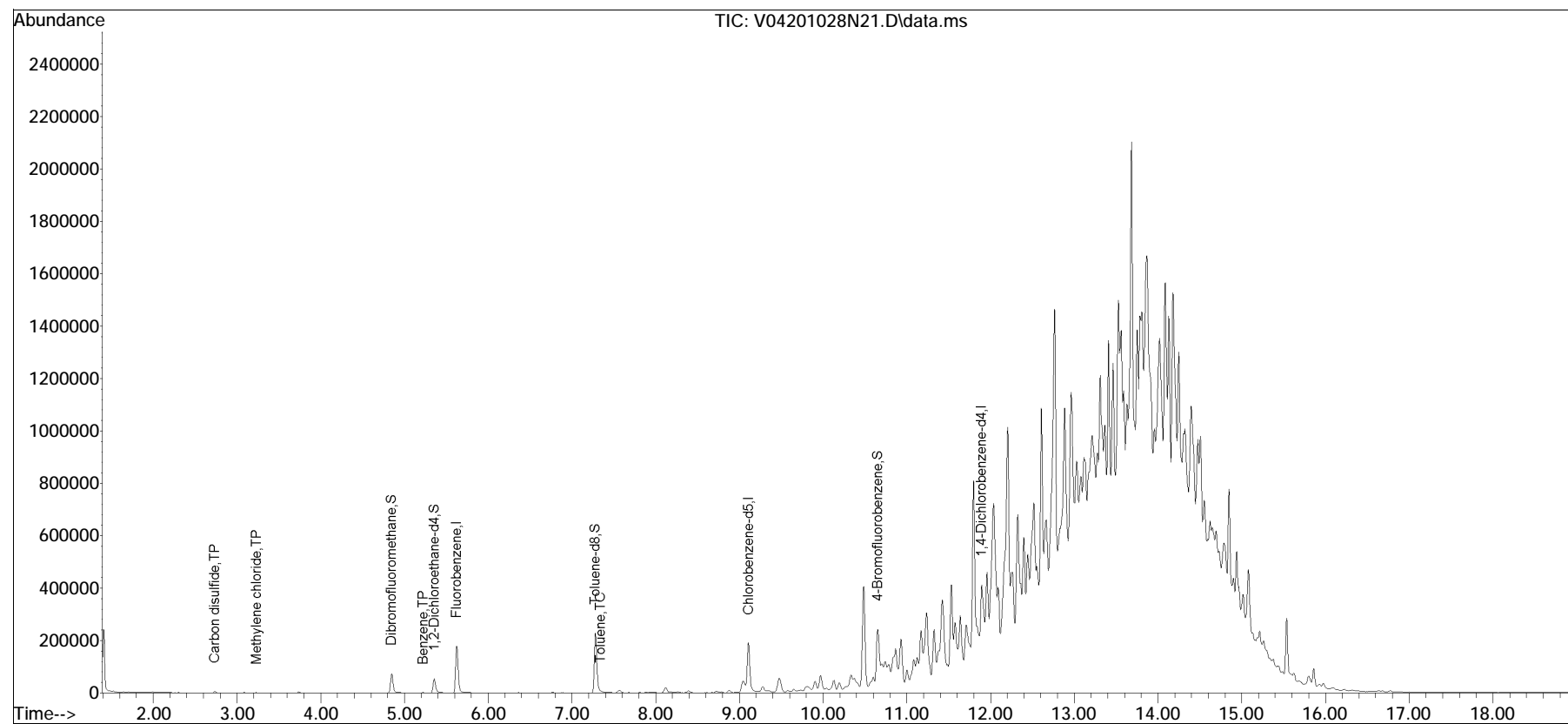
 Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 2 of 2	Date Rec'd in Lab 10/23/20	ALPHA Job # L 2046080		
		Project Information Project Name: 327 Avegenot Project Location: New Rochelle, NY Project # 11571 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input checked="" type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO # 11571 Phase 1	
Client Information Client: Sesi Address: 12a Maple ave Pine Brook, NY Phone: 973 808 9050 Fax: Email: JAM@Sesi.org		Project Manager: Jesse Mausner ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> 1 week Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
These samples have been previously analyzed by Alpha <input type="checkbox"/>			ANALYSIS			Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Other project specific requirements/comments:			TLL+30/TAL PFAS (537) 1.4 Dioxane Sim (5270 Sim)			Total Bottles	
Please specify Metals or TAL.							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection	Sample Matrix	Sampler's Initials			
		Date Time					
46080-11	S-11(2-3)	10/22/20 1305	Soil	JCS	X	X	
							
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A/E P A Preservative A A A	
		Relinquished By:		Date/Time		Received By:	
		Date/Time		Date/Time		Date/Time	
		10/23/20 900 10/23/20 1400 10/23/20 2215		10/23/20 900 10/23/20 1045 10/23/20 2215			

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA104\2020\201028N\
Data File : V04201028N21.D
Acq On : 29 Oct 2020 1:31 am
Operator : VOA104:JC
Sample : 12046080-08,31,5.73,5,,y
Misc : WG1427756,ICAL16845
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 29 06:41:51 2020
Quant Method : I:\VOLATILES\VOA104\2020\201028N\V104_200602B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jun 02 13:53:50 2020
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox01028N\V04201028N01.D•





ANALYTICAL REPORT

Lab Number:	L2046625
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Jesse Mausner
Phone:	(973) 808-9050
Project Name:	327 HUGUENOT
Project Number:	11571
Report Date:	11/03/20

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-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: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2046625-01	GW-1	WATER	NEW ROCHELLE, NY	10/26/20 11:30	10/27/20
L2046625-02	GW-2	WATER	NEW ROCHELLE, NY	10/26/20 12:50	10/27/20
L2046625-03	GW-3	WATER	NEW ROCHELLE, NY	10/26/20 14:00	10/27/20
L2046625-04	FB	FIELD BLANK	NEW ROCHELLE, NY	10/26/20 12:00	10/27/20

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Case Narrative

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

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

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

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

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

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

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Case Narrative (continued)

Report Submission

November 03, 2020: This final report includes the results of all requested analyses.

October 30, 2020: This is a preliminary report.

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

Volatile Organics

L2046625-03: The pH of the sample was greater than two; however, the sample was analyzed within the method required holding time.

Perfluorinated Alkyl Acids by Isotope Dilution

L2046625-01, -02, WG1427914-4 and WG1427914-5: The MeOH fraction of the extraction is reported for the following compounds: Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).

L2046625-03: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Total Metals

L2046625-03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the high concentrations of target elements.

Dissolved Metals

The WG1427727-3 MS recoveries for calcium (0%), iron (0%), magnesium (60%), manganese (0%) and sodium (0%), performed on L2046625-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

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:  Tiffani Morrissey

Title: Technical Director/Representative

Date: 11/03/20

ORGANICS

VOLATILES

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/29/20 12:29
 Analyst: JMT

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

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/29/20 12:52
 Analyst: JMT

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

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

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

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	93		70-130

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/29/20 13:16
 Analyst: JMT

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

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	93		70-130

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/29/20 08:37
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1428105-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/29/20 08:37
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1428105-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/29/20 08:37
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1428105-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/29/20 08:37
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1428105-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1428105-3 WG1428105-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	98		100		70-130	2		20
Carbon tetrachloride	99		100		63-132	1		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	89		90		63-130	1		20
1,1,2-Trichloroethane	98		100		70-130	2		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	97		100		75-130	3		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	97		100		70-130	3		20
1,1,1-Trichloroethane	97		100		67-130	3		20
Bromodichloromethane	96		100		67-130	4		20
trans-1,3-Dichloropropene	86		84		70-130	2		20
cis-1,3-Dichloropropene	98		98		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	91		94		54-136	3		20
1,1,1,2-Tetrachloroethane	95		100		67-130	5		20
Benzene	100		110		70-130	10		20
Toluene	100		100		70-130	0		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	110		120		64-130	9		20
Bromomethane	90		90		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1428105-3 WG1428105-4								
Vinyl chloride	130		130		55-140	0		20
Chloroethane	130		130		55-138	0		20
1,1-Dichloroethene	90		94		61-145	4		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	95		98		70-130	3		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		76		63-130	17		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	97		100		70-130	3		20
1,2,3-Trichloropropane	96		100		64-130	4		20
Acrylonitrile	94		95		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	160	Q	170	Q	36-147	6		20
Acetone	91		100		58-148	9		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	84		87		63-138	4		20
Vinyl acetate	96		96		70-130	0		20
4-Methyl-2-pentanone	91		97		59-130	6		20
2-Hexanone	90		95		57-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1428105-3 WG1428105-4								
Bromochloromethane	97		100		70-130	3		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	96		99		70-130	3		20
1,3-Dichloropropane	140	Q	140	Q	70-130	0		20
1,1,1,2-Tetrachloroethane	96		99		64-130	3		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	94		94		53-136	0		20
sec-Butylbenzene	99		100		70-130	1		20
tert-Butylbenzene	97		100		70-130	3		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	89		93		41-144	4		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	95		96		70-130	1		20
Naphthalene	77		78		70-130	1		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	85		87		70-130	2		20
1,2,4-Trichlorobenzene	92		92		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	76		74		56-162	3		20
p-Diethylbenzene	92		93		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1428105-3 WG1428105-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	93		90		70-130	3		20
Ethyl ether	110		110		59-134	0		20
trans-1,4-Dichloro-2-butene	57	Q	46	Q	70-130	21	Q	20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	97		97		70-130
Toluene-d8	103		100		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	97		98		70-130

SEMIVOLATILES

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 10/29/20 05:34
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 11:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.6	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.85	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

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

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-01

Date Collected: 10/26/20 11:30

Client ID: GW-1

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

Total TIC Compounds	41.6	J	ug/l			1
Unknown	2.33	J	ug/l			1
Unknown	2.33	J	ug/l			1
Unknown	5.09	J	ug/l			1
Unknown	1.74	J	ug/l			1
Unknown Organic Acid	6.11	J	ug/l			1
Unknown	5.27	J	ug/l			1
Unknown Alcohol	3.31	J	ug/l			1
Unknown	3.74	J	ug/l			1
Unknown	1.85	J	ug/l			1
Unknown	1.96	J	ug/l			1
Unknown	2.11	J	ug/l			1
Unknown Alkene	2.36	J	ug/l			1
Unknown	3.38	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	107		41-149

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/29/20 12:33
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.6		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.80		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.86		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	1.1		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.30		ug/l	0.10	0.01	1
Chrysene	0.90		ug/l	0.10	0.01	1
Acenaphthylene	0.06	J	ug/l	0.10	0.01	1
Anthracene	0.10		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.66		ug/l	0.10	0.01	1
Fluorene	0.05	J	ug/l	0.10	0.01	1
Phenanthrene	0.75		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.13		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.63		ug/l	0.10	0.01	1
Pyrene	2.0		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.07	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-01

Date Collected: 10/26/20 11:30

Client ID: GW-1

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	109		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	149		41-149

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/30/20 08:54
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 10/29/20 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			56		15-110	

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/30/20 22:30
 Analyst: RS

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	15.6		ng/l	1.90	0.388	1
Perfluoropentanoic Acid (PFPeA)	36.0		ng/l	1.90	0.376	1
Perfluorobutanesulfonic Acid (PFBS)	8.78		ng/l	1.90	0.226	1
Perfluorohexanoic Acid (PFHxA)	30.4		ng/l	1.90	0.312	1
Perfluoroheptanoic Acid (PFHpA)	15.4		ng/l	1.90	0.214	1
Perfluorohexanesulfonic Acid (PFHxS)	5.66		ng/l	1.90	0.357	1
Perfluorooctanoic Acid (PFOA)	37.0		ng/l	1.90	0.224	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.90	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.90	0.654	1
Perfluorononanoic Acid (PFNA)	10.0		ng/l	1.90	0.296	1
Perfluorooctanesulfonic Acid (PFOS)	20.7		ng/l	1.90	0.479	1
Perfluorodecanoic Acid (PFDA)	0.548	J	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	0.616	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.90	0.247	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.90	0.932	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.90	0.764	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.90	0.354	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.90	0.311	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.90	0.236	1
PFOA/PFOS, Total	57.7		ng/l	1.90	0.224	1

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-01

Date Collected: 10/26/20 11:30

Client ID: GW-1

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, 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)	99		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	102		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	82		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	65		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	110		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	121		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	135		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	122		40-144
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	103		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	117		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	112		33-143

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 11/03/20 11:34
 Analyst: PB

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.90	0.551	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			75		1-87	

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 10/29/20 06:21
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 11:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.8	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.72	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

Total TIC Compounds	90.3	J	ug/l			1
Unknown	23.1	J	ug/l			1
Unknown	3.64	J	ug/l			1
Unknown	3.67	J	ug/l			1
Unknown Organic Acid	10.4	J	ug/l			1
Unknown	4.11	J	ug/l			1
Unknown	4.22	J	ug/l			1
Unknown	29.0	J	ug/l			1
Unknown Alkane	4.18	J	ug/l			1
Unknown PAH	4.25	J	ug/l			1
Unknown Alkane	3.71	J	ug/l			1

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-02

Date Collected: 10/26/20 12:50

Client ID: GW-2

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	103		41-149

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/29/20 12:54
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.10	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	5.4		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.19		ug/l	0.10	0.05	1
Benzo(a)anthracene	4.9		ug/l	0.10	0.02	1
Benzo(a)pyrene	5.0		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	5.7		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	1.7		ug/l	0.10	0.01	1
Chrysene	5.9		ug/l	0.10	0.01	1
Acenaphthylene	0.37		ug/l	0.10	0.01	1
Anthracene	0.43		ug/l	0.10	0.01	1
Benzo(ghi)perylene	4.2		ug/l	0.10	0.01	1
Fluorene	0.15		ug/l	0.10	0.01	1
Phenanthrene	3.8		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.98		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	3.6		ug/l	0.10	0.01	1
Pyrene	8.1		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.12		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-02

Date Collected: 10/26/20 12:50

Client ID: GW-2

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	99		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	103		41-149

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/30/20 09:17
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 10/29/20 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			58		15-110	

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/30/20 23:03
 Analyst: RS

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.62		ng/l	2.20	0.449	1
Perfluoropentanoic Acid (PFPeA)	10.7		ng/l	2.20	0.436	1
Perfluorobutanesulfonic Acid (PFBS)	8.72		ng/l	2.20	0.262	1
Perfluorohexanoic Acid (PFHxA)	8.17		ng/l	2.20	0.361	1
Perfluoroheptanoic Acid (PFHpA)	5.10		ng/l	2.20	0.248	1
Perfluorohexanesulfonic Acid (PFHxS)	1.95	J	ng/l	2.20	0.414	1
Perfluorooctanoic Acid (PFOA)	12.1		ng/l	2.20	0.260	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.20	1.47	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.20	0.758	1
Perfluorononanoic Acid (PFNA)	2.51		ng/l	2.20	0.344	1
Perfluorooctanesulfonic Acid (PFOS)	35.2		ng/l	2.20	0.555	1
Perfluorodecanoic Acid (PFDA)	3.02		ng/l	2.20	0.335	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.20	1.33	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.20	0.714	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.20	0.286	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.20	1.08	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.20	0.885	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.20	0.410	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.20	0.360	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.20	0.273	1
PFOA/PFOS, Total	47.3		ng/l	2.20	0.260	1

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 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		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	61		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	111		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	147		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	114		40-144
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	105		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99		33-143

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 11/03/20 11:47
 Analyst: PB

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.20	0.639	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			66		1-87	

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 10/29/20 05:58
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 11:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.7	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.57	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

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

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

Total TIC Compounds	78.6	J	ug/l			1
Unknown	4.18	J	ug/l			1
Unknown	2.54	J	ug/l			1
Unknown	2.40	J	ug/l			1
Unknown	2.58	J	ug/l			1
Unknown	3.78	J	ug/l			1
Unknown Alcohol	2.76	J	ug/l			1
Unknown	2.58	J	ug/l			1
Unknown Organic Acid	9.82	J	ug/l			1
Unknown Alkane	4.76	J	ug/l			1
Unknown Organic Acid	2.76	J	ug/l			1
Cyclic Octaatomic Sulfur	4.54	NJ	ug/l			1
Unknown	13.0	J	ug/l			1
Unknown Alkane	2.87	J	ug/l			1
Unknown	15.1	J	ug/l			1
Unknown Alkane	4.94	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	100		41-149

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/29/20 13:15
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.74		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.54		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.54		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.58		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.19		ug/l	0.10	0.01	1
Chrysene	0.63		ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.07	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.40		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.41		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.10	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.38		ug/l	0.10	0.01	1
Pyrene	1.0		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03

Date Collected: 10/26/20 14:00

Client ID: GW-3

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	124	Q	23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	108		41-149

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/30/20 09:39
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 10/29/20 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			59		15-110	

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/30/20 23:36
 Analyst: RS

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	11.4		ng/l	1.91	0.389	1
Perfluoropentanoic Acid (PFPeA)	15.0		ng/l	1.91	0.378	1
Perfluorobutanesulfonic Acid (PFBS)	10.1		ng/l	1.91	0.227	1
Perfluorohexanoic Acid (PFHxA)	10.2		ng/l	1.91	0.313	1
Perfluoroheptanoic Acid (PFHpA)	11.0		ng/l	1.91	0.215	1
Perfluorohexanesulfonic Acid (PFHxS)	4.72		ng/l	1.91	0.359	1
Perfluorooctanoic Acid (PFOA)	21.6		ng/l	1.91	0.225	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.91	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.91	0.656	1
Perfluorononanoic Acid (PFNA)	2.17		ng/l	1.91	0.298	1
Perfluorooctanesulfonic Acid (PFOS)	46.4		ng/l	1.91	0.481	1
Perfluorodecanoic Acid (PFDA)	0.706	J	ng/l	1.91	0.290	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.91	1.16	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.91	0.618	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.91	0.248	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.91	0.935	1
Perfluorooctanesulfonamide (FOSA)	0.981	JF	ng/l	1.91	0.553	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	5.93		ng/l	1.91	0.767	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.91	0.355	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.91	0.312	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.91	0.237	1
PFOA/PFOS, Total	68.0		ng/l	1.91	0.225	1

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 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)	95		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	72		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	70		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	47		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	72		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	133		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	131		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	180	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	121		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	101		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	109		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	106		33-143

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-04
 Client ID: FB
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/30/20 23:53
 Analyst: RS

Extraction Method: ALPHA 23528
 Extraction Date: 10/29/20 10:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.84	0.375	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.84	0.364	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	0.331	JF	ng/l	1.84	0.301	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.84	0.207	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.84	0.217	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.632	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.287	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.463	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.279	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.596	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.239	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.901	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.533	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.739	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.342	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	ND		ng/l	1.84	0.217	1

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-04
 Client ID: FB
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:00
 Date Received: 10/27/20
 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)	105		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	143		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	111		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	109		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	66		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	121		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	112		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	127		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	93		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	125		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	118		33-143

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/28/20 23:24
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 07:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1427424-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/28/20 23:24
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 07:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1427424-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/28/20 23:24
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 07:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1427424-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	3.41	J	ug/l
Unknown	1.45	J	ug/l
Unknown	1.96	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	75		41-149

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/29/20 08:21
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 07:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1427426-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/29/20 08:21
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 07:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1427426-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	106		41-149

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/30/20 07:50
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 10/29/20 04:30

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 01-03 Batch: WG1427840-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	71		15-110

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/30/20 21:40
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1427914-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.400	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/30/20 21:40
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1427914-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	137		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	108		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	112		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	127		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	120		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	100		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	129		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	90		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	124		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	124		33-143

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/03/20 11:16
Analyst: PB

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1427914-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	73		1-87

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1427424-2 WG1427424-3								
Acenaphthene	68		76		37-111	11		30
1,2,4-Trichlorobenzene	57		71		39-98	22		30
Hexachlorobenzene	68		72		40-140	6		30
Bis(2-chloroethyl)ether	59		74		40-140	23		30
2-Chloronaphthalene	62		73		40-140	16		30
1,2-Dichlorobenzene	57		70		40-140	20		30
1,3-Dichlorobenzene	55		69		40-140	23		30
1,4-Dichlorobenzene	57		71		36-97	22		30
3,3'-Dichlorobenzidine	64		64		40-140	0		30
2,4-Dinitrotoluene	67		71		48-143	6		30
2,6-Dinitrotoluene	65		69		40-140	6		30
Fluoranthene	76		79		40-140	4		30
4-Chlorophenyl phenyl ether	69		74		40-140	7		30
4-Bromophenyl phenyl ether	70		72		40-140	3		30
Bis(2-chloroisopropyl)ether	58		73		40-140	23		30
Bis(2-chloroethoxy)methane	60		71		40-140	17		30
Hexachlorobutadiene	55		68		40-140	21		30
Hexachlorocyclopentadiene	50		64		40-140	25		30
Hexachloroethane	52		67		40-140	25		30
Isophorone	60		73		40-140	20		30
Naphthalene	60		73		40-140	20		30
Nitrobenzene	58		74		40-140	24		30
NDPA/DPA	74		77		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1427424-2 WG1427424-3								
n-Nitrosodi-n-propylamine	62		78		29-132	23		30
Bis(2-ethylhexyl)phthalate	62		63		40-140	2		30
Butyl benzyl phthalate	68		69		40-140	1		30
Di-n-butylphthalate	62		68		40-140	9		30
Di-n-octylphthalate	64		67		40-140	5		30
Diethyl phthalate	72		74		40-140	3		30
Dimethyl phthalate	68		72		40-140	6		30
Benzo(a)anthracene	74		78		40-140	5		30
Benzo(a)pyrene	81		82		40-140	1		30
Benzo(b)fluoranthene	77		83		40-140	8		30
Benzo(k)fluoranthene	84		83		40-140	1		30
Chrysene	79		82		40-140	4		30
Acenaphthylene	65		73		45-123	12		30
Anthracene	76		77		40-140	1		30
Benzo(ghi)perylene	83		83		40-140	0		30
Fluorene	72		76		40-140	5		30
Phenanthrene	74		75		40-140	1		30
Dibenzo(a,h)anthracene	80		80		40-140	0		30
Indeno(1,2,3-cd)pyrene	80		81		40-140	1		30
Pyrene	74		76		26-127	3		30
Biphenyl	65		75		40-140	14		30
4-Chloroaniline	56		49		40-140	13		30
2-Nitroaniline	62		68		52-143	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1427424-2 WG1427424-3								
3-Nitroaniline	64		68		25-145	6		30
4-Nitroaniline	63		66		51-143	5		30
Dibenzofuran	70		77		40-140	10		30
2-Methylnaphthalene	61		73		40-140	18		30
1,2,4,5-Tetrachlorobenzene	60		72		2-134	18		30
Acetophenone	60		75		39-129	22		30
2,4,6-Trichlorophenol	65		72		30-130	10		30
p-Chloro-m-cresol	70		73		23-97	4		30
2-Chlorophenol	62		76		27-123	20		30
2,4-Dichlorophenol	66		76		30-130	14		30
2,4-Dimethylphenol	57		64		30-130	12		30
2-Nitrophenol	58		72		30-130	22		30
4-Nitrophenol	59		62		10-80	5		30
2,4-Dinitrophenol	70		74		20-130	6		30
4,6-Dinitro-o-cresol	68		71		20-164	4		30
Pentachlorophenol	62		66		9-103	6		30
Phenol	49		55		12-110	12		30
2-Methylphenol	63		73		30-130	15		30
3-Methylphenol/4-Methylphenol	66		75		30-130	13		30
2,4,5-Trichlorophenol	69		71		30-130	3		30
Benzoic Acid	46		51		10-164	10		30
Benzyl Alcohol	56		68		26-116	19		30
Carbazole	75		77		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1427424-2 WG1427424-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		62		21-120
Phenol-d6	47		55		10-120
Nitrobenzene-d5	61		75		23-120
2-Fluorobiphenyl	63		73		15-120
2,4,6-Tribromophenol	94		91		10-120
4-Terphenyl-d14	75		77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1427426-2 WG1427426-3								
Acenaphthene	73		79		40-140	8		40
2-Chloronaphthalene	80		84		40-140	5		40
Fluoranthene	89		95		40-140	7		40
Hexachlorobutadiene	71		72		40-140	1		40
Naphthalene	70		74		40-140	6		40
Benzo(a)anthracene	81		88		40-140	8		40
Benzo(a)pyrene	84		94		40-140	11		40
Benzo(b)fluoranthene	83		87		40-140	5		40
Benzo(k)fluoranthene	91		95		40-140	4		40
Chrysene	86		91		40-140	6		40
Acenaphthylene	79		84		40-140	6		40
Anthracene	82		92		40-140	11		40
Benzo(ghi)perylene	91		94		40-140	3		40
Fluorene	79		85		40-140	7		40
Phenanthrene	80		85		40-140	6		40
Dibenzo(a,h)anthracene	93		102		40-140	9		40
Indeno(1,2,3-cd)pyrene	89		97		40-140	9		40
Pyrene	88		94		40-140	7		40
2-Methylnaphthalene	79		81		40-140	3		40
Pentachlorophenol	144	Q	141	Q	40-140	2		40
Hexachlorobenzene	74		79		40-140	7		40
Hexachloroethane	63		64		40-140	2		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1427426-2 WG1427426-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		58		21-120
Phenol-d6	47		49		10-120
Nitrobenzene-d5	76		79		23-120
2-Fluorobiphenyl	84		89		15-120
2,4,6-Tribromophenol	82		84		10-120
4-Terphenyl-d14	103		108		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427840-2 WG1427840-3								
1,4-Dioxane	100		102		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	72		74		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1427914-2 WG1427914-3								
Perfluorobutanoic Acid (PFBA)	104		103		67-148	1		30
Perfluoropentanoic Acid (PFPeA)	111		110		63-161	1		30
Perfluorobutanesulfonic Acid (PFBS)	95		95		65-157	0		30
Perfluorohexanoic Acid (PFHxA)	103		105		69-168	2		30
Perfluoroheptanoic Acid (PFHpA)	97		97		58-159	0		30
Perfluorohexanesulfonic Acid (PFHxS)	75		78		69-177	4		30
Perfluorooctanoic Acid (PFOA)	96		96		63-159	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	107		103		49-187	4		30
Perfluoroheptanesulfonic Acid (PFHpS)	81		83		61-179	2		30
Perfluorononanoic Acid (PFNA)	95		92		68-171	3		30
Perfluorooctanesulfonic Acid (PFOS)	98		98		52-151	0		30
Perfluorodecanoic Acid (PFDA)	106		104		63-171	2		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	97		104		56-173	7		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		94		60-166	6		30
Perfluoroundecanoic Acid (PFUnA)	90		88		60-153	2		30
Perfluorodecanesulfonic Acid (PFDS)	108		99		38-156	9		30
Perfluorooctanesulfonamide (FOSA)	101		100		46-170	1		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		108		45-170	4		30
Perfluorododecanoic Acid (PFDoA)	83		84		67-153	1		30
Perfluorotridecanoic Acid (PFTrDA)	98		99		48-158	1		30
Perfluorotetradecanoic Acid (PFTA)	100		102		59-182	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1427914-2 WG1427914-3									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	107		105		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	137		133		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	108		110		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		88		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103		102		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		108		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	113		108		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	77		76		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	128		124		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		107		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		94		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122		114		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	89		84		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	130		124		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	38		32		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	110		97		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	132		121		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	129		121		33-143

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1427914-2 WG1427914-3								
Perfluorooctanesulfonamide (FOSA)	98		100		46-170	2		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	68		59		1-87

Matrix Spike Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1427914-4 QC Sample: L2046625-01 Client ID: GW-1												
Perfluorobutanoic Acid (PFBA)	15.6	40.2	57.1	103		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	36.0	40.2	80.1	110		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	8.78	35.7	42.0	93		-	-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	30.4	40.2	72.9	106		-	-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	15.4	40.2	53.9	96		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	5.66	36.7	34.3	78		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	37.0	40.2	75.8	97		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	38.2	38.7	101		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	38.2	32.3	84		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	10.0	40.2	48.5	96		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	20.7	37.3	54.9	92		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	0.548J	40.2	40.1	98		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	38.6	34.4	89		-	-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	40.2	40.1	100		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	40.2	34.8	87		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	38.7	39.8	103		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	40.2	38.4	96		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	40.2	56.2	140		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	40.2	32.9	82		-	-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	40.2	38.8	97		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	40.2	39.2	98		-	-		59-182	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1427914-4 QC Sample: L2046625-01 Client ID: GW-1												

<i>Surrogate (Extracted Internal Standard)</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	130				7-170
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	108				1-244
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	77				23-146
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69				1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUOA)	113				40-144
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90				38-144
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	65				21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89				30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94				47-153
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	116				24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	112				33-143
Perfluoro[13C4]Butanoic Acid (MPFBA)	96				2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103				16-173
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	80				1-87
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100				42-146
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101				36-149
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	114				34-146
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85				31-159

Lab Duplicate Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1427914-5 QC Sample: L2046625-02 Client ID: GW-2						
Perfluorobutanoic Acid (PFBA)	8.62	8.76	ng/l	2		30
Perfluoropentanoic Acid (PFPeA)	10.7	10.4	ng/l	3		30
Perfluorobutanesulfonic Acid (PFBS)	8.72	8.76	ng/l	0		30
Perfluorohexanoic Acid (PFHxA)	8.17	7.94	ng/l	3		30
Perfluoroheptanoic Acid (PFHpA)	5.10	5.12	ng/l	0		30
Perfluorohexanesulfonic Acid (PFHxS)	1.95J	2.28F	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	12.1	12.2	ng/l	1		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)	2.51	2.63	ng/l	5		30
Perfluorooctanesulfonic Acid (PFOS)	35.2	37.2	ng/l	6		30
Perfluorodecanoic Acid (PFDA)	3.02	3.23	ng/l	7		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	0.332J	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	0.402JF	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1427914-5 QC Sample: L2046625-02 Client ID: GW-2						
PFOA/PFOS, Total	47.3	49.4	ng/l	4		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		86		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		98		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		87		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	61		59		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		78		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		83		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		94		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	111		114		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		112		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		104		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		86		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	147		154		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		65		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	114		123		40-144
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		103		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	105		111		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99		107		33-143

Lab Duplicate Analysis
Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1427914-5 QC Sample: L2046625-02 Client ID: GW-2						
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	66		65		1-87

PCBS

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 10/29/20 10:57
 Analyst: CW

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 08:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/28/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/28/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	0.048	J	ug/l	0.083	0.039	1	B
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.048	J	ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 10/29/20 11:06
 Analyst: CW

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 08:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/28/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/28/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	0.723		ug/l	0.083	0.049	1	B
Aroclor 1254	0.214		ug/l	0.083	0.039	1	B
Aroclor 1260	0.049	J	ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.986	J	ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 10/29/20 11:14
 Analyst: CW

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 08:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/28/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/28/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	0.062	J	ug/l	0.083	0.039	1	B
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.062	J	ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/27/20 15:00
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 08:36
Cleanup Method: EPA 3665A
Cleanup Date: 10/27/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/27/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1426949-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	78		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1426949-2 WG1426949-3									
Aroclor 1016	96		83		40-140	14		50	A
Aroclor 1260	85		75		40-140	13		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		82		30-150	A
Decachlorobiphenyl	97		84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		79		30-150	B
Decachlorobiphenyl	93		83		30-150	B

PESTICIDES

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 10/28/20 23:23
 Analyst: BM

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 08:19

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

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-01

Date Collected: 10/26/20 11:30

Client ID: GW-1

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, 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	63		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02
 Client ID: GW-2
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 12:50
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 10/29/20 12:25
 Analyst: SM

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	0.021		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.047		ug/l	0.029	0.003	1	A
4,4'-DDE	0.231		ug/l	0.029	0.003	1	A
4,4'-DDD	0.085		ug/l	0.029	0.003	1	B
4,4'-DDT	1.08		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	0.177		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	0.061	IP	ug/l	0.014	0.005	1	B
trans-Chlordane	0.095	IP	ug/l	0.014	0.004	1	A
Chlordane	0.766		ug/l	0.143	0.033	1	A

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-02

Date Collected: 10/26/20 12:50

Client ID: GW-2

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, 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	94		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03
 Client ID: GW-3
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 14:00
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 10/28/20 23:46
 Analyst: BM

Extraction Method: EPA 3510C
 Extraction Date: 10/28/20 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.016	J	ug/l	0.029	0.003	1	A
4,4'-DDE	0.113		ug/l	0.029	0.003	1	B
4,4'-DDD	0.018	J	ug/l	0.029	0.003	1	B
4,4'-DDT	0.410		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	0.032	IP	ug/l	0.014	0.005	1	B
trans-Chlordane	0.050		ug/l	0.014	0.004	1	A
Chlordane	0.387		ug/l	0.143	0.033	1	A

Project Name: 327 HUGUENOT**Lab Number:** L2046625**Project Number:** 11571**Report Date:** 11/03/20**SAMPLE RESULTS**

Lab ID: L2046625-03

Date Collected: 10/26/20 14:00

Client ID: GW-3

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/27/20 14:37
Analyst: SM

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1426947-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/27/20 14:37
Analyst: SM

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1426947-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1426947-2 WG1426947-3									
Delta-BHC	80		80		30-150	1		20	A
Lindane	81		80		30-150	1		20	A
Alpha-BHC	94		92		30-150	3		20	A
Beta-BHC	82		79		30-150	4		20	A
Heptachlor	84		81		30-150	4		20	A
Aldrin	85		85		30-150	0		20	A
Heptachlor epoxide	84		83		30-150	1		20	A
Endrin	88		87		30-150	1		20	A
Endrin aldehyde	77		81		30-150	5		20	A
Endrin ketone	81		83		30-150	2		20	A
Dieldrin	92		91		30-150	2		20	A
4,4'-DDE	84		85		30-150	0		20	A
4,4'-DDD	93		92		30-150	0		20	A
4,4'-DDT	82		81		30-150	1		20	A
Endosulfan I	84		83		30-150	1		20	A
Endosulfan II	83		83		30-150	0		20	A
Endosulfan sulfate	82		83		30-150	1		20	A
Methoxychlor	74		77		30-150	4		20	A
cis-Chlordane	61		66		30-150	8		20	A
trans-Chlordane	82		84		30-150	2		20	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1426947-2 WG1426947-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	87		81		30-150	A
Decachlorobiphenyl	76		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		73		30-150	B
Decachlorobiphenyl	72		69		30-150	B

METALS

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-01
 Client ID: GW-1
 Sample Location: NEW ROCHELLE, NY

Date Collected: 10/26/20 11:30
 Date Received: 10/27/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.26		mg/l	0.0100	0.00327	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00211		mg/l	0.00050	0.00016	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Barium, Total	0.2412		mg/l	0.00050	0.00017	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00069		mg/l	0.00050	0.00010	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00009	J	mg/l	0.00020	0.00005	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Calcium, Total	320.		mg/l	0.100	0.0394	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Chromium, Total	0.00856		mg/l	0.00100	0.00017	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00533		mg/l	0.00050	0.00016	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Copper, Total	0.01695		mg/l	0.00100	0.00038	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Iron, Total	134.		mg/l	0.0500	0.0191	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Lead, Total	0.07650		mg/l	0.00100	0.00034	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Magnesium, Total	125.		mg/l	0.0700	0.0242	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Manganese, Total	7.096		mg/l	0.00100	0.00044	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/28/20 16:18	10/29/20 11:18	EPA 7470A	1,7470A	EW
Nickel, Total	0.01570		mg/l	0.00200	0.00055	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Potassium, Total	16.9		mg/l	0.100	0.0309	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Sodium, Total	153.		mg/l	0.100	0.0293	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Thallium, Total	0.00016	J	mg/l	0.00100	0.00014	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Vanadium, Total	0.01304		mg/l	0.00500	0.00157	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Zinc, Total	0.05539		mg/l	0.01000	0.00341	1	10/28/20 16:14	10/29/20 12:18	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00562	J	mg/l	0.0100	0.00327	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00020	J	mg/l	0.00050	0.00016	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.08488		mg/l	0.00050	0.00017	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM



Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-01

Date Collected: 10/26/20 11:30

Client ID: GW-1

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Calcium, Dissolved	313.		mg/l	0.100	0.0394	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00064	J	mg/l	0.00100	0.00017	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00302		mg/l	0.00050	0.00016	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Iron, Dissolved	76.4		mg/l	0.0500	0.0191	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	118.		mg/l	0.0700	0.0242	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Manganese, Dissolved	6.889		mg/l	0.00100	0.00044	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/29/20 02:50	10/29/20 10:10	EPA 7470A	1,7470A	EW
Nickel, Dissolved	0.00782		mg/l	0.00200	0.00055	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Potassium, Dissolved	15.4		mg/l	0.100	0.0309	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Sodium, Dissolved	147.		mg/l	0.100	0.0293	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00020	J	mg/l	0.00100	0.00014	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.01154		mg/l	0.01000	0.00341	1	10/28/20 23:15	10/29/20 10:09	EPA 3005A	1,6020B	AM



Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02

Date Collected: 10/26/20 12:50

Client ID: GW-2

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	27.7		mg/l	0.0100	0.00327	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Antimony, Total	0.00073	J	mg/l	0.00400	0.00042	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00937		mg/l	0.00050	0.00016	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Barium, Total	5.348		mg/l	0.00050	0.00017	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00176		mg/l	0.00050	0.00010	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00231		mg/l	0.00020	0.00005	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Calcium, Total	301.		mg/l	0.100	0.0394	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Chromium, Total	0.04766		mg/l	0.00100	0.00017	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Cobalt, Total	0.07179		mg/l	0.00050	0.00016	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Copper, Total	0.1262		mg/l	0.00100	0.00038	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Iron, Total	36.5		mg/l	0.0500	0.0191	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Lead, Total	3.501		mg/l	0.00100	0.00034	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Magnesium, Total	114.		mg/l	0.0700	0.0242	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Manganese, Total	3.188		mg/l	0.00100	0.00044	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/28/20 16:18	10/29/20 11:25	EPA 7470A	1,7470A	EW
Nickel, Total	0.06597		mg/l	0.00200	0.00055	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Potassium, Total	18.0		mg/l	0.100	0.0309	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Selenium, Total	0.00644		mg/l	0.00500	0.00173	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Silver, Total	0.00017	J	mg/l	0.00040	0.00016	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Sodium, Total	547.		mg/l	5.00	1.46	50	10/28/20 16:14	10/29/20 14:48	EPA 3005A	1,6020B	AM
Thallium, Total	0.00054		mg/l	0.00050	0.00014	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Vanadium, Total	0.1908		mg/l	0.00500	0.00157	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Zinc, Total	2.228		mg/l	0.01000	0.00341	1	10/28/20 16:14	10/29/20 12:23	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0118		mg/l	0.0100	0.00327	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00415		mg/l	0.00400	0.00042	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00031	J	mg/l	0.00050	0.00016	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.09932		mg/l	0.00050	0.00017	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM



Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02

Date Collected: 10/26/20 12:50

Client ID: GW-2

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Calcium, Dissolved	62.6		mg/l	0.100	0.0394	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00094	J	mg/l	0.00100	0.00017	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00453		mg/l	0.00050	0.00016	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00132		mg/l	0.00100	0.00038	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00154		mg/l	0.00100	0.00034	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	44.5		mg/l	0.0700	0.0242	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.7061		mg/l	0.00100	0.00044	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/29/20 02:50	10/29/20 10:19	EPA 7470A	1,7470A	EW
Nickel, Dissolved	0.00519		mg/l	0.00200	0.00055	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Potassium, Dissolved	9.44		mg/l	0.100	0.0309	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Selenium, Dissolved	0.00349	J	mg/l	0.00500	0.00173	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Sodium, Dissolved	518.		mg/l	5.00	1.46	50	10/28/20 23:15	10/29/20 11:32	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00029	J	mg/l	0.00100	0.00014	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.00458	J	mg/l	0.01000	0.00341	1	10/28/20 23:15	10/29/20 10:56	EPA 3005A	1,6020B	AM



Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03

Date Collected: 10/26/20 14:00

Client ID: GW-3

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15.3		mg/l	0.0500	0.0164	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.02000	0.00214	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00641		mg/l	0.00250	0.00082	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Barium, Total	0.3673		mg/l	0.00250	0.00086	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00117	J	mg/l	0.00250	0.00053	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00034	J	mg/l	0.00100	0.00029	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Calcium, Total	171.		mg/l	0.500	0.197	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Chromium, Total	0.03474		mg/l	0.00500	0.00089	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Cobalt, Total	0.03110		mg/l	0.00250	0.00081	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Copper, Total	0.04056		mg/l	0.00500	0.00192	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Iron, Total	31.4		mg/l	0.250	0.0955	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Lead, Total	1.474		mg/l	0.00500	0.00171	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Magnesium, Total	237.		mg/l	0.350	0.121	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Manganese, Total	2.516		mg/l	0.00500	0.00220	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/28/20 16:18	10/29/20 11:27	EPA 7470A	1,7470A	EW
Nickel, Total	0.04898		mg/l	0.01000	0.00278	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Potassium, Total	20.0		mg/l	0.500	0.154	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Selenium, Total	0.0121	J	mg/l	0.0250	0.00865	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00200	0.00081	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Sodium, Total	1120		mg/l	0.500	0.146	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00500	0.00071	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Vanadium, Total	0.07965		mg/l	0.02500	0.00785	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Zinc, Total	0.1979		mg/l	0.05000	0.01705	5	10/28/20 16:14	10/29/20 12:28	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0342		mg/l	0.0100	0.00327	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00138	J	mg/l	0.00400	0.00042	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00051		mg/l	0.00050	0.00016	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1299		mg/l	0.00050	0.00017	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM



Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03

Date Collected: 10/26/20 14:00

Client ID: GW-3

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Calcium, Dissolved	90.2		mg/l	0.100	0.0394	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00243		mg/l	0.00100	0.00017	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00264		mg/l	0.00050	0.00016	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00191		mg/l	0.00100	0.00038	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.0656		mg/l	0.0500	0.0191	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00472		mg/l	0.00100	0.00034	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	228.		mg/l	0.0700	0.0242	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.1992		mg/l	0.00100	0.00044	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/29/20 02:50	10/29/20 10:26	EPA 7470A	1,7470A	EW
Nickel, Dissolved	0.00648		mg/l	0.00200	0.00055	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Potassium, Dissolved	12.7		mg/l	0.100	0.0309	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Selenium, Dissolved	0.00642		mg/l	0.00500	0.00173	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Sodium, Dissolved	1010		mg/l	5.00	1.46	50	10/28/20 23:15	10/29/20 12:44	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/28/20 23:15	10/29/20 11:01	EPA 3005A	1,6020B	AM



Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst	
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1427631-1										
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Antimony, Total	ND	mg/l	0.00400	0.00042	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Barium, Total	ND	mg/l	0.00050	0.00017	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Calcium, Total	ND	mg/l	0.100	0.0394	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Chromium, Total	ND	mg/l	0.00100	0.00017	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Copper, Total	ND	mg/l	0.00100	0.00038	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Iron, Total	ND	mg/l	0.0500	0.0191	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Lead, Total	ND	mg/l	0.00100	0.00034	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Manganese, Total	ND	mg/l	0.00100	0.00044	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Nickel, Total	ND	mg/l	0.00200	0.00055	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Potassium, Total	ND	mg/l	0.100	0.0309	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Selenium, Total	ND	mg/l	0.00500	0.00173	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Silver, Total	ND	mg/l	0.00040	0.00016	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Sodium, Total	ND	mg/l	0.100	0.0293	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Thallium, Total	0.00016	J	mg/l	0.00100	0.00014	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	
Zinc, Total	ND	mg/l	0.01000	0.00341	1	10/28/20 16:14	10/29/20 10:46	1,6020B	AM	

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1427632-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	10/28/20 16:18	10/29/20 11:14	1,7470A	EW



Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1427727-1										
Aluminum, Dissolved	0.00630	J	mg/l	0.0100	0.00327	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Antimony, Dissolved	0.00057	J	mg/l	0.00400	0.00042	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Chromium, Dissolved	0.00060	J	mg/l	0.00100	0.00017	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Iron, Dissolved	0.0234	J	mg/l	0.0500	0.0191	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Sodium, Dissolved	0.0643	J	mg/l	0.100	0.0293	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Thallium, Dissolved	0.00019	J	mg/l	0.00100	0.00014	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM
Zinc, Dissolved	0.00521	J	mg/l	0.01000	0.00341	1	10/28/20 23:15	10/29/20 09:44	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A



Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1427728-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00009	1	10/29/20 02:50	10/29/20 10:05	1,7470A	EW

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427631-2								
Aluminum, Total	108		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	108		-		80-120	-		
Calcium, Total	96		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	98		-		80-120	-		
Copper, Total	99		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	110		-		80-120	-		
Magnesium, Total	105		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	105		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	104		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427631-2					
Zinc, Total	106	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427632-2					
Mercury, Total	107	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427727-2					
Aluminum, Dissolved	109	-	80-120	-	
Antimony, Dissolved	105	-	80-120	-	
Arsenic, Dissolved	106	-	80-120	-	
Barium, Dissolved	106	-	80-120	-	
Beryllium, Dissolved	102	-	80-120	-	
Cadmium, Dissolved	110	-	80-120	-	
Calcium, Dissolved	94	-	80-120	-	
Chromium, Dissolved	104	-	80-120	-	
Cobalt, Dissolved	101	-	80-120	-	
Copper, Dissolved	103	-	80-120	-	
Iron, Dissolved	101	-	80-120	-	
Lead, Dissolved	112	-	80-120	-	
Magnesium, Dissolved	109	-	80-120	-	
Manganese, Dissolved	103	-	80-120	-	
Nickel, Dissolved	99	-	80-120	-	
Potassium, Dissolved	107	-	80-120	-	
Selenium, Dissolved	109	-	80-120	-	
Silver, Dissolved	106	-	80-120	-	
Sodium, Dissolved	105	-	80-120	-	
Thallium, Dissolved	106	-	80-120	-	
Vanadium, Dissolved	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427727-2					
Zinc, Dissolved	108	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427728-2					
Mercury, Dissolved	112	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427631-3 QC Sample: L2046201-01 Client ID: MS Sample												
Aluminum, Total	0.111	2	2.14	101		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.5084	102		-	-		75-125	-		20
Arsenic, Total	0.00221J	0.12	0.1223	102		-	-		75-125	-		20
Barium, Total	0.0401	2	1.976	97		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05333	107		-	-		75-125	-		20
Cadmium, Total	ND	0.051	0.05089	100		-	-		75-125	-		20
Calcium, Total	106	10	110	40	Q	-	-		75-125	-		20
Chromium, Total	ND	0.2	0.1759	88		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.4523	90		-	-		75-125	-		20
Copper, Total	0.00704	0.25	0.2376	92		-	-		75-125	-		20
Iron, Total	0.786	1	1.79	100		-	-		75-125	-		20
Lead, Total	ND	0.51	0.5250	103		-	-		75-125	-		20
Magnesium, Total	124	10	124	0	Q	-	-		75-125	-		20
Manganese, Total	0.1031	0.5	0.5520	90		-	-		75-125	-		20
Nickel, Total	0.00414J	0.5	0.4359	87		-	-		75-125	-		20
Potassium, Total	73.0	10	79.2	62	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	0.125	104		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04766	95		-	-		75-125	-		20
Sodium, Total	1960	10	1760	0	Q	-	-		75-125	-		20
Thallium, Total	0.0009J	0.12	0.1169	97		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.4383	88		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427631-3 QC Sample: L2046201-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5705	114	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427632-3 QC Sample: L2046625-01 Client ID: GW-1									
Mercury, Total	ND	0.005	0.00518	104	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427727-3 QC Sample: L2046625-01 Client ID: GW-1									
Aluminum, Dissolved	0.00562J	2	2.16	108	-	-	75-125	-	20
Antimony, Dissolved	ND	0.5	0.5759	115	-	-	75-125	-	20
Arsenic, Dissolved	0.00020J	0.12	0.1278	106	-	-	75-125	-	20
Barium, Dissolved	0.08488	2	2.123	102	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05404	108	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05412	106	-	-	75-125	-	20
Calcium, Dissolved	313.	10	301	0	Q	-	75-125	-	20
Chromium, Dissolved	0.00064J	0.2	0.1980	99	-	-	75-125	-	20
Cobalt, Dissolved	0.00302	0.5	0.4949	98	-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2432	97	-	-	75-125	-	20
Iron, Dissolved	76.4	1	73.4	0	Q	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.5634	110	-	-	75-125	-	20
Magnesium, Dissolved	118.	10	124	60	Q	-	75-125	-	20
Manganese, Dissolved	6.889	0.5	6.683	0	Q	-	75-125	-	20
Nickel, Dissolved	0.00782	0.5	0.4789	94	-	-	75-125	-	20
Potassium, Dissolved	15.4	10	24.8	94	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.122	102	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05132	103	-	-	75-125	-	20
Sodium, Dissolved	147.	10	139	0	Q	-	75-125	-	20
Thallium, Dissolved	0.00020J	0.12	0.1229	102	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.5139	103	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427727-3 QC Sample: L2046625-01 Client ID: GW-1									
Zinc, Dissolved	0.01154	0.5	0.5228	102	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427728-3 QC Sample: L2046625-01 Client ID: GW-1									
Mercury, Dissolved	ND	0.005	0.00509	102	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427631-4 QC Sample: L2046201-01 Client ID: DUP Sample						
Arsenic, Total	0.00221J	0.00258	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Copper, Total	0.00704	0.00660	mg/l	6		20
Lead, Total	ND	ND	mg/l	NC		20
Nickel, Total	0.00414J	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Zinc, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427632-4 QC Sample: L2046625-01 Client ID: GW-1						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427727-4 QC Sample: L2046625-01 Client ID: GW-1					
Aluminum, Dissolved	0.00562J	0.00490J	mg/l	NC	20
Antimony, Dissolved	ND	0.00059J	mg/l	NC	20
Arsenic, Dissolved	0.00020J	0.00021J	mg/l	NC	20
Barium, Dissolved	0.08488	0.08473	mg/l	0	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	313.	311	mg/l	1	20
Chromium, Dissolved	0.00064J	0.00065J	mg/l	NC	20
Cobalt, Dissolved	0.00302	0.00305	mg/l	1	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	76.4	76.0	mg/l	1	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	118.	119	mg/l	1	20
Manganese, Dissolved	6.889	6.817	mg/l	1	20
Nickel, Dissolved	0.00782	0.00822	mg/l	5	20
Potassium, Dissolved	15.4	15.3	mg/l	1	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	147.	147	mg/l	0	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427727-4 QC Sample: L2046625-01 Client ID: GW-1					
Thallium, Dissolved	0.00020J	0.00054J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.01154	0.01155	mg/l	0	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427728-4 QC Sample: L2046625-01 Client ID: GW-1					
Mercury, Dissolved	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-01

Date Collected: 10/26/20 11:30

Client ID: GW-1

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/28/20 10:20	10/28/20 13:02	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-02

Date Collected: 10/26/20 12:50

Client ID: GW-2

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.005		mg/l	0.005	0.001	1	10/28/20 10:20	10/28/20 13:03	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

SAMPLE RESULTS

Lab ID: L2046625-03

Date Collected: 10/26/20 14:00

Client ID: GW-3

Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.003	J	mg/l	0.005	0.001	1	10/28/20 10:20	10/28/20 12:55	1,9010C/9012B	CR



Project Name: 327 HUGUENOT

Lab Number: L2046625

Project Number: 11571

Report Date: 11/03/20

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1427490-1									
Cyanide, Total	ND	mg/l	0.005	0.001	1	10/28/20 10:20	10/28/20 12:37	1,9010C/9012B	CR

Lab Control Sample Analysis

Batch Quality Control

Project Name: 327 HUGUENOT

Project Number: 11571

Lab Number: L2046625

Report Date: 11/03/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1427490-2 WG1427490-3								
Cyanide, Total	94		96		85-115	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 327 HUGUENOT
Project Number: 11571

Lab Number: L2046625
Report Date: 11/03/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1427490-4 WG1427490-5 QC Sample: L2046625-01 Client ID: GW-1												
Cyanide, Total	ND	0.2	0.194	97		0.199	100		80-120	3		20

Project Name: 327 HUGUENOT
Project Number: 11571

Serial_No:11032017:14
Lab Number: L2046625
Report Date: 11/03/20

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2046625-01A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2046625-01B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2046625-01C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2046625-01D	Plastic 250ml unpreserved	A	NA		2.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046625-01E	Plastic 250ml unpreserved	A	NA		2.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046625-01F	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8082-LVI(7)
L2046625-01G	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8082-LVI(7)
L2046625-01H	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2046625-01I	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2046625-01J	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2046625-01K	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2046625-01L	Plastic 250ml NaOH preserved	A	>12	>12	2.6	Y	Absent		TCN-9010(14)
L2046625-01M	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2046625-01N	Plastic 250ml unpreserved	A	7	7	2.6	Y	Absent		-

Project Name: 327 HUGUENOT
Project Number: 11571

Serial_No:11032017:14
Lab Number: L2046625
Report Date: 11/03/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2046625-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.6	Y	Absent		SE-6020S(180),V-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),PB-6020S(180),NA-6020S(180),BA-6020S(180),TL-6020S(180),NI-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2046625-02A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2046625-02B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2046625-02C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2046625-02D	Plastic 250ml unpreserved	A	NA		2.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046625-02E	Plastic 250ml unpreserved	A	NA		2.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046625-02F	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8082-LVI(7)
L2046625-02G	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8082-LVI(7)
L2046625-02H	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2046625-02I	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2046625-02J	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2046625-02K	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2046625-02L	Plastic 250ml NaOH preserved	A	>12	>12	2.6	Y	Absent		TCN-9010(14)
L2046625-02M	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2046625-02N	Plastic 250ml unpreserved	A	7	7	2.6	Y	Absent		-

Project Name: 327 HUGUENOT
Project Number: 11571

Serial_No:11032017:14
Lab Number: L2046625
Report Date: 11/03/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2046625-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.6	Y	Absent		SE-6020S(180),CU-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),BA-6020S(180),TL-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2046625-03A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2046625-03B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2046625-03C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2046625-03D	Plastic 250ml unpreserved	A	NA		2.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046625-03E	Plastic 250ml unpreserved	A	NA		2.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2046625-03F	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8082-LVI(7)
L2046625-03G	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8082-LVI(7)
L2046625-03H	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2046625-03I	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2046625-03J	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2046625-03K	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2046625-03L	Plastic 250ml NaOH preserved	A	>12	>12	2.6	Y	Absent		TCN-9010(14)
L2046625-03M	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2046625-03N	Plastic 250ml unpreserved	A	7	7	2.6	Y	Absent		-

Project Name: 327 HUGUENOT
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2046625-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.6	Y	Absent		K-6020S(180),SE-6020S(180),V-6020S(180),CU-6020S(180),MN-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),MG-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),NA-6020S(180),PB-6020S(180),TL-6020S(180),BA-6020S(180),NI-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2046625-04A	Plastic 250ml unpreserved	A	NA		2.6	Y	Absent		A2-NY-537-ISOTOPE(14)

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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-Chloroeicosafuoro-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	PFEEESA	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. 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.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

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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.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



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 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

EPA TO-12 Non-methane organics

EPA 3C Fixed gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY	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	Date Rec'd in Lab	ALPHA Job #							
		1 of 1	10/27/20	L2046625							
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		Deliverables	Billing Information						
Project Name: <u>327 Huguenot Huguenot</u>		Project Location: <u>New Rochelle, NY</u>		<input type="checkbox"/> ASP-A <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> Other	<input checked="" type="checkbox"/> ASP-B <input checked="" type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Same as Client Info PO# <u>11571</u> <u>Phase 1</u>						
Client Information Client: <u>SES</u>		Project # <u>11571</u> (Use Project name as Project #) <input type="checkbox"/>		Regulatory Requirement <input checked="" type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> AWQ Standards <input checked="" type="checkbox"/> NY Restricted Use <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge							
Address: <u>12a Maple ave Pine Brook, NJ</u>		Project Manager: <u>Jesse Mausner</u>		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:							
Phone: <u>973 808 0050</u>		Turn-Around Time Standard <input checked="" type="checkbox"/> Rush (only if pre approved) <input checked="" type="checkbox"/>		Due Date: <u>3 DAY</u> # of Days:							
Fax:		Rush (only if pre approved) <input checked="" type="checkbox"/>		Disposal Facility:							
Email: <u>SAM@SES.org</u>		Rush (only if pre approved) <input checked="" type="checkbox"/>		Disposal Facility:							
These samples have been previously analyzed by Alpha <input type="checkbox"/>			ANALYSIS		Sample Filtration						
Other project specific requirements/comments:			T(L+30/TAL) PFAS(537) 1.4 Pioxane (6270 S.M) D.550 Lead Metal STAL		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)						
Please specify Metals or TAL.					Sample Specific Comments						
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	T(L+30/TAL)	PFAS(537)	1.4 Pioxane (6270 S.M)	D.550 Lead Metal STAL	Total Bottles	
46625-01	GW-1	10/26/20	1130	GW	SES	X	X	X	X		
-02	GW-2		1250								
-03	GW-3		1400								
-04	FB		1200	DB							
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type PA P A P V V V V		Preservative X B E A X A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By:		Date/Time		Received By:		Date/Time					
[Signature]		10/27/20 02:52		[Signature]		10/27/20 08:52					
[Signature]		10/27/20 14:00		[Signature]		10/27/20 16:50					
[Signature]		10/27/20 2:13		[Signature]		10/27/20 2:19					



ANALYTICAL REPORT

Lab Number:	L2051312
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Jesse Mausner
Phone:	(973) 808-9050
Project Name:	329 HUGUENOT ST
Project Number:	11571
Report Date:	11/23/20

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

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



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2051312-01	S-12 (3-4)	SOIL	NEW ROCHELLE, NY	11/18/20 08:40	11/18/20
L2051312-02	S-13 (5-6)	SOIL	NEW ROCHELLE, NY	11/18/20 09:00	11/18/20
L2051312-03	S-14 (4-5)	SOIL	NEW ROCHELLE, NY	11/18/20 09:10	11/18/20
L2051312-04	S-15 (5-6)	SOIL	NEW ROCHELLE, NY	11/18/20 12:15	11/18/20
L2051312-05	S-16 (4-5)	SOIL	NEW ROCHELLE, NY	11/18/20 12:30	11/18/20
L2051312-06	S-17 (2-3)	SOIL	NEW ROCHELLE, NY	11/18/20 12:50	11/18/20
L2051312-07	S-18 (3-4)	SOIL	NEW ROCHELLE, NY	11/18/20 13:15	11/18/20
L2051312-08	TW-4	WATER	NEW ROCHELLE, NY	11/18/20 11:15	11/18/20
L2051312-09	TW-5	WATER	NEW ROCHELLE, NY	11/18/20 14:30	11/18/20
L2051312-10	FB	FIELD BLANK	NEW ROCHELLE, NY	11/18/20 13:40	11/18/20

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Case Narrative

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

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

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

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

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

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

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2051312-09: The collection time was obtained from the container labels.

Volatile Organics

L2051312-08: The pH of the sample was greater than two; however, the sample was analyzed within the method required holding time.

Semivolatile Organics

L2051312-06: The sample has elevated detection limits due to the dilution required by the sample matrix.

Perfluorinated Alkyl Acids by Isotope Dilution

L2051312-08, -09, WG1436362-1, and WG1436362-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2051312-08: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).

Pesticides

L2051312-02: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (442%,3070%); however, the sample was not re-extracted due to coelution with obvious interferences.

Total Metals

L2051312-01 through -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Case Narrative (continued)

L2051312-08: The sample has elevated detection limits for all elements due to the prep dilution required by the sample matrix.

L2051312-08 and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the high concentrations of target elements.

The WG1436842-3 MS recoveries for aluminum (628%), calcium (0%), iron (0%), lead (130%), magnesium (0%), and manganese (0%), performed on L2051312-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1436842-3 MS recovery, performed on L2051312-01, is outside the acceptance criteria for potassium (131%). A post digestion spike was performed and was within acceptance criteria.


The WG1436842-4 Laboratory Duplicate RPDs for arsenic (38%), cobalt (39%), lead (38%), nickel (28%), potassium (58%), and sodium (23%), performed on L2051312-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

Dissolved Metals

L2051312-09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the high concentrations of target elements.

The WG1436769-3 MS recoveries for calcium (70%), magnesium (70%), and sodium (0%), performed on L2051312-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

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: 11/23/20

ORGANICS

VOLATILES

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
Client ID: S-12 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/20/20 14:10
Analyst: MKS
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
Client ID: S-12 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
Client ID: S-12 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02
Client ID: S-13 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/19/20 19:31
Analyst: MV
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02
 Client ID: S-13 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02
 Client ID: S-13 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
 Client ID: S-14 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/19/20 17:23
 Analyst: MV
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	1.9	0.57	1
Vinyl chloride	ND		ug/kg	0.97	0.33	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
 Client ID: S-14 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	ND		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.2	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.12	1
o-Chlorotoluene	ND		ug/kg	1.9	0.19	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.11	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
Client ID: S-14 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.19	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
 Client ID: S-15 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/19/20 17:49
 Analyst: MV
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
 Client ID: S-15 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	ND		ug/kg	9.9	4.7	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	0.66	J	ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
Client ID: S-15 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	2.12	J	ug/kg			1
Unknown	2.12	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
 Client ID: S-16 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/19/20 18:14
 Analyst: MV
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
 Client ID: S-16 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
Client ID: S-16 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06
Client ID: S-17 (2-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/19/20 18:40
Analyst: MV
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06
Client ID: S-17 (2-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06
Client ID: S-17 (2-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
 Client ID: S-18 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/19/20 19:06
 Analyst: MV
 Percent Solids: 83%

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

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
 Client ID: S-18 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.24	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.84	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
Client ID: S-18 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/20/20 17:18
Analyst: MKS

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

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
 Client ID: TW-4
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	8.1		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

Total TIC Compounds	6.08	J	ug/l			1
Nonanal	1.71	NJ	ug/l			1
Unknown	1.34	J	ug/l			1
Octanal	1.18	NJ	ug/l			1
Propene	1.85	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
 Client ID: TW-5
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 11/20/20 17:40
 Analyst: MKS

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

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

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

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

Total TIC Compounds	1.61	J	ug/l			1
Nonanal	1.61	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/19/20 13:31
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-07 Batch: WG1436501-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.64	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/19/20 13:31
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-07 Batch: WG1436501-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/19/20 13:31
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-07 Batch: WG1436501-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	4.08	J	ug/kg
Unknown	4.08	J	ug/kg

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/19/20 13:31
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-07 Batch: WG1436501-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/20/20 09:01
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1436858-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.71	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/20/20 09:01
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1436858-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.20	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/20/20 09:01
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1436858-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.42	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/20/20 09:01
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1436858-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/20/20 10:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1436866-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/20/20 10:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1436866-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/20/20 10:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1436866-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/20/20 10:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1436866-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-07 Batch: WG1436501-3 WG1436501-4								
Methylene chloride	90		88		70-130	2		30
1,1-Dichloroethane	90		90		70-130	0		30
Chloroform	91		90		70-130	1		30
Carbon tetrachloride	88		87		70-130	1		30
1,2-Dichloropropane	93		92		70-130	1		30
Dibromochloromethane	85		84		70-130	1		30
1,1,2-Trichloroethane	86		86		70-130	0		30
Tetrachloroethene	83		82		70-130	1		30
Chlorobenzene	88		88		70-130	0		30
Trichlorofluoromethane	83		83		70-139	0		30
1,2-Dichloroethane	90		89		70-130	1		30
1,1,1-Trichloroethane	90		89		70-130	1		30
Bromodichloromethane	90		89		70-130	1		30
trans-1,3-Dichloropropene	80		80		70-130	0		30
cis-1,3-Dichloropropene	91		90		70-130	1		30
1,1-Dichloropropene	91		90		70-130	1		30
Bromoform	85		86		70-130	1		30
1,1,2,2-Tetrachloroethane	84		84		70-130	0		30
Benzene	89		88		70-130	1		30
Toluene	87		87		70-130	0		30
Ethylbenzene	86		86		70-130	0		30
Chloromethane	82		79		52-130	4		30
Bromomethane	120		120		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-07 Batch: WG1436501-3 WG1436501-4								
Vinyl chloride	78		77		67-130	1		30
Chloroethane	87		89		50-151	2		30
1,1-Dichloroethene	87		86		65-135	1		30
trans-1,2-Dichloroethene	93		92		70-130	1		30
Trichloroethene	92		91		70-130	1		30
1,2-Dichlorobenzene	87		89		70-130	2		30
1,3-Dichlorobenzene	89		90		70-130	1		30
1,4-Dichlorobenzene	88		88		70-130	0		30
Methyl tert butyl ether	90		89		66-130	1		30
p/m-Xylene	89		89		70-130	0		30
o-Xylene	90		91		70-130	1		30
cis-1,2-Dichloroethene	96		96		70-130	0		30
Dibromomethane	97		95		70-130	2		30
Styrene	93		94		70-130	1		30
Dichlorodifluoromethane	76		75		30-146	1		30
Acetone	82		79		54-140	4		30
Carbon disulfide	77		77		59-130	0		30
2-Butanone	84		82		70-130	2		30
Vinyl acetate	89		87		70-130	2		30
4-Methyl-2-pentanone	78		74		70-130	5		30
1,2,3-Trichloropropane	85		86		68-130	1		30
2-Hexanone	75		73		70-130	3		30
Bromochloromethane	100		97		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-07 Batch: WG1436501-3 WG1436501-4								
2,2-Dichloropropane	87		86		70-130	1		30
1,2-Dibromoethane	91		90		70-130	1		30
1,3-Dichloropropane	86		85		69-130	1		30
1,1,1,2-Tetrachloroethane	85		84		70-130	1		30
Bromobenzene	85		86		70-130	1		30
n-Butylbenzene	89		90		70-130	1		30
sec-Butylbenzene	89		92		70-130	3		30
tert-Butylbenzene	87		90		70-130	3		30
o-Chlorotoluene	85		87		70-130	2		30
p-Chlorotoluene	85		88		70-130	3		30
1,2-Dibromo-3-chloropropane	81		81		68-130	0		30
Hexachlorobutadiene	78		80		67-130	3		30
Isopropylbenzene	88		91		70-130	3		30
p-Isopropyltoluene	89		91		70-130	2		30
Naphthalene	83		86		70-130	4		30
Acrylonitrile	95		93		70-130	2		30
n-Propylbenzene	87		90		70-130	3		30
1,2,3-Trichlorobenzene	84		85		70-130	1		30
1,2,4-Trichlorobenzene	84		86		70-130	2		30
1,3,5-Trimethylbenzene	87		89		70-130	2		30
1,2,4-Trimethylbenzene	88		90		70-130	2		30
1,4-Dioxane	99		99		65-136	0		30
p-Diethylbenzene	89		91		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-07 Batch: WG1436501-3 WG1436501-4								
p-Ethyltoluene	88		90		70-130	2		30
1,2,4,5-Tetramethylbenzene	86		87		70-130	1		30
Ethyl ether	90		88		67-130	2		30
trans-1,4-Dichloro-2-butene	87		90		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	98		102		70-130
Dibromofluoromethane	103		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1436858-3 WG1436858-4								
Methylene chloride	89		89		70-130	0		30
1,1-Dichloroethane	87		87		70-130	0		30
Chloroform	88		89		70-130	1		30
Carbon tetrachloride	88		88		70-130	0		30
1,2-Dichloropropane	88		89		70-130	1		30
Dibromochloromethane	81		81		70-130	0		30
1,1,2-Trichloroethane	82		83		70-130	1		30
Tetrachloroethene	85		83		70-130	2		30
Chlorobenzene	84		85		70-130	1		30
Trichlorofluoromethane	87		87		70-139	0		30
1,2-Dichloroethane	85		87		70-130	2		30
1,1,1-Trichloroethane	89		88		70-130	1		30
Bromodichloromethane	86		87		70-130	1		30
trans-1,3-Dichloropropene	77		78		70-130	1		30
cis-1,3-Dichloropropene	86		88		70-130	2		30
1,1-Dichloropropene	90		89		70-130	1		30
Bromoform	82		83		70-130	1		30
1,1,2,2-Tetrachloroethane	80		83		70-130	4		30
Benzene	87		87		70-130	0		30
Toluene	84		84		70-130	0		30
Ethylbenzene	84		84		70-130	0		30
Chloromethane	77		73		52-130	5		30
Bromomethane	127		129		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1436858-3 WG1436858-4								
Vinyl chloride	81		76		67-130	6		30
Chloroethane	86		83		50-151	4		30
1,1-Dichloroethene	91		91		65-135	0		30
trans-1,2-Dichloroethene	94		92		70-130	2		30
Trichloroethene	92		91		70-130	1		30
1,2-Dichlorobenzene	82		84		70-130	2		30
1,3-Dichlorobenzene	86		86		70-130	0		30
1,4-Dichlorobenzene	84		86		70-130	2		30
Methyl tert butyl ether	87		89		66-130	2		30
p/m-Xylene	87		87		70-130	0		30
o-Xylene	87		87		70-130	0		30
cis-1,2-Dichloroethene	94		94		70-130	0		30
Dibromomethane	93		95		70-130	2		30
Styrene	90		90		70-130	0		30
Dichlorodifluoromethane	76		75		30-146	1		30
Acetone	79		80		54-140	1		30
Carbon disulfide	80		78		59-130	3		30
2-Butanone	88		72		70-130	20		30
Vinyl acetate	83		86		70-130	4		30
4-Methyl-2-pentanone	73		73		70-130	0		30
1,2,3-Trichloropropane	80		81		68-130	1		30
2-Hexanone	70		70		70-130	0		30
Bromochloromethane	96		96		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1436858-3 WG1436858-4								
2,2-Dichloropropane	86		87		70-130	1		30
1,2-Dibromoethane	86		87		70-130	1		30
1,3-Dichloropropane	81		82		69-130	1		30
1,1,1,2-Tetrachloroethane	80		82		70-130	2		30
Bromobenzene	82		83		70-130	1		30
n-Butylbenzene	87		88		70-130	1		30
sec-Butylbenzene	88		88		70-130	0		30
tert-Butylbenzene	86		86		70-130	0		30
o-Chlorotoluene	70		69	Q	70-130	1		30
p-Chlorotoluene	84		84		70-130	0		30
1,2-Dibromo-3-chloropropane	76		78		68-130	3		30
Hexachlorobutadiene	78		80		67-130	3		30
Isopropylbenzene	87		87		70-130	0		30
p-Isopropyltoluene	86		87		70-130	1		30
Naphthalene	81		83		70-130	2		30
Acrylonitrile	88		95		70-130	8		30
n-Propylbenzene	86		86		70-130	0		30
1,2,3-Trichlorobenzene	80		82		70-130	2		30
1,2,4-Trichlorobenzene	83		84		70-130	1		30
1,3,5-Trimethylbenzene	85		85		70-130	0		30
1,2,4-Trimethylbenzene	85		86		70-130	1		30
1,4-Dioxane	107		100		65-136	7		30
p-Diethylbenzene	87		88		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1436858-3 WG1436858-4								
p-Ethyltoluene	86		87		70-130	1		30
1,2,4,5-Tetramethylbenzene	82		84		70-130	2		30
Ethyl ether	91		90		67-130	1		30
trans-1,4-Dichloro-2-butene	83		88		70-130	6		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	92		96		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	105		107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1436866-3 WG1436866-4								
Methylene chloride	96		96		70-130	0		20
1,1-Dichloroethane	95		100		70-130	5		20
Chloroform	94		100		70-130	6		20
Carbon tetrachloride	92		95		63-132	3		20
1,2-Dichloropropane	94		97		70-130	3		20
Dibromochloromethane	85		93		63-130	9		20
1,1,2-Trichloroethane	90		100		70-130	11		20
Tetrachloroethene	94		95		70-130	1		20
Chlorobenzene	99		100		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	89		97		70-130	9		20
1,1,1-Trichloroethane	92		98		67-130	6		20
Bromodichloromethane	90		96		67-130	6		20
trans-1,3-Dichloropropene	86		98		70-130	13		20
cis-1,3-Dichloropropene	85		93		70-130	9		20
1,1-Dichloropropene	95		98		70-130	3		20
Bromoform	85		92		54-136	8		20
1,1,2,2-Tetrachloroethane	89		96		67-130	8		20
Benzene	94		100		70-130	6		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	92		98		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1436866-3 WG1436866-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	93		96		61-145	3		20
trans-1,2-Dichloroethene	99		100		70-130	1		20
Trichloroethene	93		96		70-130	3		20
1,2-Dichlorobenzene	95		98		70-130	3		20
1,3-Dichlorobenzene	97		100		70-130	3		20
1,4-Dichlorobenzene	93		97		70-130	4		20
Methyl tert butyl ether	87		96		63-130	10		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	88		93		70-130	6		20
Dibromomethane	85		94		70-130	10		20
1,2,3-Trichloropropane	90		96		64-130	6		20
Acrylonitrile	94		95		70-130	1		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	96		94		58-148	2		20
Carbon disulfide	96		100		51-130	4		20
2-Butanone	94		100		63-138	6		20
Vinyl acetate	82		87		70-130	6		20
4-Methyl-2-pentanone	79		83		59-130	5		20
2-Hexanone	76		81		57-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1436866-3 WG1436866-4								
Bromochloromethane	89		98		70-130	10		20
2,2-Dichloropropane	100		110		63-133	10		20
1,2-Dibromoethane	88		94		70-130	7		20
1,3-Dichloropropane	93		98		70-130	5		20
1,1,1,2-Tetrachloroethane	94		97		64-130	3		20
Bromobenzene	97		100		70-130	3		20
n-Butylbenzene	98		100		53-136	2		20
sec-Butylbenzene	95		99		70-130	4		20
tert-Butylbenzene	85		90		70-130	6		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	67		68		41-144	1		20
Hexachlorobutadiene	98		94		63-130	4		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	99		100		70-130	1		20
Naphthalene	63	Q	62	Q	70-130	2		20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	66	Q	69	Q	70-130	4		20
1,2,4-Trichlorobenzene	74		79		70-130	7		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	84		78		56-162	7		20
p-Diethylbenzene	96		100		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1436866-3 WG1436866-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	90		95		70-130	5		20
Ethyl ether	99		100		59-134	1		20
trans-1,4-Dichloro-2-butene	90		100		70-130	11		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	96		92		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	92		90		70-130

SEMIVOLATILES

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
Client ID: S-12 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/20/20 09:45
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	32	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	4000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	120	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
 Client ID: S-12 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	2100		ug/kg	110	21.	1
Benzo(a)pyrene	2500		ug/kg	150	45.	1
Benzo(b)fluoranthene	2900		ug/kg	110	31.	1
Benzo(k)fluoranthene	930		ug/kg	110	29.	1
Chrysene	2500		ug/kg	110	19.	1
Acenaphthylene	630		ug/kg	150	28.	1
Anthracene	460		ug/kg	110	36.	1
Benzo(ghi)perylene	1400		ug/kg	150	22.	1
Fluorene	74	J	ug/kg	180	18.	1
Phenanthrene	2400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	370		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	150	26.	1
Pyrene	4000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	140	J	ug/kg	180	17.	1
2-Methylnaphthalene	38	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	31	J	ug/kg	260	29.	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
Client ID: S-12 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	180		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds

Total TIC Compounds	9080	J	ug/kg			1
Unknown PAH	670	J	ug/kg			1
Unknown	680	J	ug/kg			1
Unknown	288	J	ug/kg			1
Unknown	798	J	ug/kg			1
Unknown PAH	290	J	ug/kg			1
Unknown PAH	401	J	ug/kg			1
Unknown Ketone	373	J	ug/kg			1
Unknown	462	J	ug/kg			1
Unknown PAH	504	J	ug/kg			1
Unknown PAH	838	J	ug/kg			1
Unknown PAH	1880	J	ug/kg			1
Unknown Ketone	349	J	ug/kg			1
Unknown	533	J	ug/kg			1
Unknown	498	J	ug/kg			1
Unknown PAH	511	J	ug/kg			1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
 Client ID: S-12 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	73		18-120

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
Client ID: S-12 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/21/20 04:21
Analyst: SG
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.524	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.524	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.524	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.524	0.055	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.524	0.047	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.524	0.064	1
Perfluorooctanoic Acid (PFOA)	0.087	JF	ug/kg	0.524	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.524	0.188	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.524	0.143	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.524	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	0.946	F	ug/kg	0.524	0.136	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.524	0.070	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.524	0.301	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.524	0.211	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.524	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.524	0.160	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.524	0.103	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.524	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.524	0.073	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.524	0.214	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.524	0.057	1
PFOA/PFOS, Total	1.03	J	ug/kg	0.524	0.044	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
Client ID: S-12 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
Date Received: 11/18/20
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)	85		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	82		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	107		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	78		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	130		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	42		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		26-160

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02
Client ID: S-13 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/21/20 04:55
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.488	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.488	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.488	0.038	1
Perfluorohexanoic Acid (PFHxA)	0.084	J	ug/kg	0.488	0.051	1
Perfluoroheptanoic Acid (PFHpA)	0.052	J	ug/kg	0.488	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	0.696		ug/kg	0.488	0.059	1
Perfluorooctanoic Acid (PFOA)	0.308	JF	ug/kg	0.488	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.488	0.175	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.488	0.133	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.488	0.073	1
Perfluorooctanesulfonic Acid (PFOS)	3.47	F	ug/kg	0.488	0.127	1
Perfluorodecanoic Acid (PFDA)	0.096	J	ug/kg	0.488	0.065	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.488	0.280	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.488	0.197	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.488	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.488	0.149	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.488	0.096	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.488	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.488	0.068	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.488	0.200	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.488	0.053	1
PFOA/PFOS, Total	3.78	J	ug/kg	0.488	0.041	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02
Client ID: S-13 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
Date Received: 11/18/20
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)	85		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	132		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	159		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	90		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	15		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		26-160

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02 D2
 Client ID: S-13 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/23/20 13:38
 Analyst: WR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab						
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Fluoranthene	67000		ug/kg	2700	520	25
Phenanthrene	66000		ug/kg	2700	550	25
Pyrene	63000		ug/kg	2700	450	25

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02 D
 Client ID: S-13 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/23/20 12:36
 Analyst: WR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2300		ug/kg	730	94.	5
1,2,4-Trichlorobenzene	ND		ug/kg	910	100	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	120	5
2-Chloronaphthalene	ND		ug/kg	910	90.	5
1,2-Dichlorobenzene	ND		ug/kg	910	160	5
1,3-Dichlorobenzene	ND		ug/kg	910	160	5
1,4-Dichlorobenzene	ND		ug/kg	910	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	910	240	5
2,4-Dinitrotoluene	ND		ug/kg	910	180	5
2,6-Dinitrotoluene	ND		ug/kg	910	160	5
Fluoranthene	46000	E	ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	910	97.	5
4-Bromophenyl phenyl ether	ND		ug/kg	910	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	91.	5
Hexachlorobutadiene	ND		ug/kg	910	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	820	5
Hexachloroethane	ND		ug/kg	730	150	5
Isophorone	ND		ug/kg	820	120	5
Naphthalene	4000		ug/kg	910	110	5
Nitrobenzene	ND		ug/kg	820	130	5
NDPA/DPA	ND		ug/kg	730	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	910	140	5
Bis(2-ethylhexyl)phthalate	1500		ug/kg	910	310	5
Butyl benzyl phthalate	ND		ug/kg	910	230	5
Di-n-butylphthalate	ND		ug/kg	910	170	5
Di-n-octylphthalate	ND		ug/kg	910	310	5

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02 D
 Client ID: S-13 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	910	84.	5
Dimethyl phthalate	ND		ug/kg	910	190	5
Benzo(a)anthracene	30000		ug/kg	540	100	5
Benzo(a)pyrene	24000		ug/kg	730	220	5
Benzo(b)fluoranthene	28000		ug/kg	540	150	5
Benzo(k)fluoranthene	9600		ug/kg	540	140	5
Chrysene	26000		ug/kg	540	94.	5
Acenaphthylene	6800		ug/kg	730	140	5
Anthracene	12000		ug/kg	540	180	5
Benzo(ghi)perylene	14000		ug/kg	730	110	5
Fluorene	7000		ug/kg	910	88.	5
Phenanthrene	47000	E	ug/kg	540	110	5
Dibenzo(a,h)anthracene	4100		ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	14000		ug/kg	730	130	5
Pyrene	44000	E	ug/kg	540	90.	5
Biphenyl	750	J	ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	910	160	5
2-Nitroaniline	ND		ug/kg	910	180	5
3-Nitroaniline	ND		ug/kg	910	170	5
4-Nitroaniline	ND		ug/kg	910	380	5
Dibenzofuran	4000		ug/kg	910	86.	5
2-Methylnaphthalene	1800		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	910	95.	5
Acetophenone	ND		ug/kg	910	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	910	140	5
2-Chlorophenol	ND		ug/kg	910	110	5
2,4-Dichlorophenol	ND		ug/kg	820	140	5
2,4-Dimethylphenol	ND		ug/kg	910	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4400	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	280	J	ug/kg	910	140	5
2-Methylphenol	ND		ug/kg	910	140	5
3-Methylphenol/4-Methylphenol	470	J	ug/kg	1300	140	5

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02 D
 Client ID: S-13 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	910	170	5
Benzoic Acid	ND		ug/kg	2900	920	5
Benzyl Alcohol	ND		ug/kg	910	280	5
Carbazole	5600		ug/kg	910	88.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Tentatively Identified Compounds

Total TIC Compounds	135000	J	ug/kg			5
Unknown	4680	J	ug/kg			5
Unknown	12200	J	ug/kg			5
Unknown PAH	5670	J	ug/kg			5
Unknown PAH	9420	J	ug/kg			5
Unknown	7320	J	ug/kg			5
Unknown	11200	J	ug/kg			5
Unknown Azole	7160	J	ug/kg			5
Unknown PAH	7070	J	ug/kg			5
Unknown PAH	11600	J	ug/kg			5
Unknown PAH	7890	J	ug/kg			5
Unknown	5040	J	ug/kg			5
Unknown PAH	5970	J	ug/kg			5
Unknown PAH	13900	J	ug/kg			5
Unknown	15500	J	ug/kg			5
Unknown PAH	10200	J	ug/kg			5

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02 D
 Client ID: S-13 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	92		18-120

Project Name: 329 HUGUENOT ST**Lab Number:** L2051312**Project Number:** 11571**Report Date:** 11/23/20**SAMPLE RESULTS**

Lab ID: L2051312-03
 Client ID: S-14 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/20/20 07:45
 Analyst: JG
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	260		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
Client ID: S-14 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	140		ug/kg	100	20.	1
Benzo(a)pyrene	160		ug/kg	140	43.	1
Benzo(b)fluoranthene	190		ug/kg	100	30.	1
Benzo(k)fluoranthene	68	J	ug/kg	100	28.	1
Chrysene	160		ug/kg	100	18.	1
Acenaphthylene	37	J	ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	97	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	140		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	24	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	99	J	ug/kg	140	24.	1
Pyrene	250		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
Client ID: S-14 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	17	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	79		18-120

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
Client ID: S-14 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/21/20 05:28
Analyst: SG
Percent Solids: 94%

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.505	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.505	0.046	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.505	0.039	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.505	0.053	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.505	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.505	0.061	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.505	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.505	0.181	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.505	0.138	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.505	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	0.781	F	ug/kg	0.505	0.131	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.505	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.505	0.290	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.505	0.204	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.505	0.047	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.505	0.154	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.505	0.099	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.505	0.085	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.505	0.071	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.505	0.206	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.505	0.055	1
PFOA/PFOS, Total	0.781		ug/kg	0.505	0.042	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
Client ID: S-14 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
Date Received: 11/18/20
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		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	92		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	83		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	83		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	84		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	116		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	54		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		26-160

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
Client ID: S-15 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/20/20 09:21
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	270		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	9800	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	210		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	10000	E	ug/kg	180	62.	1
Butyl benzyl phthalate	3700		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
 Client ID: S-15 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	6200		ug/kg	110	20.	1
Benzo(a)pyrene	7000		ug/kg	140	44.	1
Benzo(b)fluoranthene	8000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	2800		ug/kg	110	29.	1
Chrysene	6600		ug/kg	110	19.	1
Acenaphthylene	800		ug/kg	140	28.	1
Anthracene	1200		ug/kg	110	35.	1
Benzo(ghi)perylene	3600		ug/kg	140	21.	1
Fluorene	290		ug/kg	180	17.	1
Phenanthrene	6000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1000		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	3900		ug/kg	140	25.	1
Pyrene	10000	E	ug/kg	110	18.	1
Biphenyl	42	J	ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	200		ug/kg	180	17.	1
2-Methylnaphthalene	140	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	33	J	ug/kg	260	28.	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
Client ID: S-15 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	580		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

Total TIC Compounds	28500	J	ug/kg			1
Unknown PAH	1820	J	ug/kg			1
Unknown PAH	793	J	ug/kg			1
Unknown PAH	1540	J	ug/kg			1
Unknown PAH	2460	J	ug/kg			1
Unknown PAH	1910	J	ug/kg			1
Unknown	1820	J	ug/kg			1
Unknown	2820	J	ug/kg			1
Unknown PAH	757	J	ug/kg			1
Unknown	1380	J	ug/kg			1
Unknown	1090	J	ug/kg			1
Unknown PAH	1210	J	ug/kg			1
Unknown PAH	2390	J	ug/kg			1
Unknown PAH	5790	J	ug/kg			1
Unknown	2020	J	ug/kg			1
Unknown PAH	664	J	ug/kg			1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
 Client ID: S-15 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	76		18-120

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
Client ID: S-15 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/21/20 05:44
Analyst: SG
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.493	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.493	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.493	0.039	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.493	0.052	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.493	0.045	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.493	0.060	1
Perfluorooctanoic Acid (PFOA)	0.073	JF	ug/kg	0.493	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.493	0.177	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.493	0.135	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.493	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	2.24	F	ug/kg	0.493	0.128	1
Perfluorodecanoic Acid (PFDA)	0.114	J	ug/kg	0.493	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.493	0.283	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.493	0.199	1
Perfluoroundecanoic Acid (PFUnA)	0.051	J	ug/kg	0.493	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.493	0.151	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.493	0.097	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.493	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.493	0.069	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.493	0.202	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.493	0.053	1
PFOA/PFOS, Total	2.31	J	ug/kg	0.493	0.041	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
 Client ID: S-15 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	127		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	150		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	55		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	70		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		26-160

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04 D
 Client ID: S-15 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/20/20 14:14
 Analyst: JG
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	12000		ug/kg	220	41.	2
Bis(2-ethylhexyl)phthalate	9700		ug/kg	360	120	2
Benzo(b)fluoranthene	7600		ug/kg	220	61.	2
Pyrene	12000		ug/kg	220	36.	2

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
Client ID: S-16 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/20/20 10:57
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	440		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	220		ug/kg	190	65.	1
Butyl benzyl phthalate	130	J	ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
Client ID: S-16 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	380		ug/kg	110	21.	1
Benzo(a)pyrene	580		ug/kg	150	46.	1
Benzo(b)fluoranthene	600		ug/kg	110	32.	1
Benzo(k)fluoranthene	180		ug/kg	110	30.	1
Chrysene	440		ug/kg	110	19.	1
Acenaphthylene	40	J	ug/kg	150	29.	1
Anthracene	47	J	ug/kg	110	36.	1
Benzo(ghi)perylene	350		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	180		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	84	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	330		ug/kg	150	26.	1
Pyrene	570		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
Client ID: S-16 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	30	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds

Total TIC Compounds	587	J	ug/kg			1
Unknown Organic Acid	587	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	68		18-120

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
Client ID: S-16 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/21/20 06:01
Analyst: SG
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.494	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.494	0.046	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.494	0.039	1
Perfluorohexanoic Acid (PFHxA)	0.057	J	ug/kg	0.494	0.052	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.494	0.045	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.494	0.060	1
Perfluorooctanoic Acid (PFOA)	0.050	JF	ug/kg	0.494	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.494	0.178	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.494	0.135	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.494	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	1.11	F	ug/kg	0.494	0.128	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.494	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.494	0.284	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.494	0.199	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.494	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.494	0.151	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.494	0.097	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.494	0.084	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.494	0.069	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.494	0.202	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.494	0.053	1
PFOA/PFOS, Total	1.16	J	ug/kg	0.494	0.041	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
Client ID: S-16 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	135		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	165		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		26-160

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06
Client ID: S-17 (2-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/21/20 06:17
Analyst: SG
Percent Solids: 84%

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.529	0.024	1
Perfluoropentanoic Acid (PFPeA)	0.142	J	ug/kg	0.529	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.529	0.041	1
Perfluorohexanoic Acid (PFHxA)	0.134	JF	ug/kg	0.529	0.056	1
Perfluoroheptanoic Acid (PFHpA)	0.077	J	ug/kg	0.529	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.529	0.064	1
Perfluorooctanoic Acid (PFOA)	0.198	JF	ug/kg	0.529	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.529	0.190	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.529	0.144	1
Perfluorononanoic Acid (PFNA)	0.100	J	ug/kg	0.529	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	2.12	F	ug/kg	0.529	0.138	1
Perfluorodecanoic Acid (PFDA)	0.146	J	ug/kg	0.529	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.529	0.304	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.529	0.213	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.529	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.529	0.162	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.529	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.160	JF	ug/kg	0.529	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.529	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.529	0.216	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.529	0.057	1
PFOA/PFOS, Total	2.32	J	ug/kg	0.529	0.044	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06
Client ID: S-17 (2-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	84		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	118		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	153		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	59		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	56		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	96		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68		26-160

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06 D
 Client ID: S-17 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/23/20 13:20
 Analyst: WR
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	780	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	970	110	5
Hexachlorobenzene	ND		ug/kg	580	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	870	130	5
2-Chloronaphthalene	ND		ug/kg	970	96.	5
1,2-Dichlorobenzene	ND		ug/kg	970	170	5
1,3-Dichlorobenzene	ND		ug/kg	970	170	5
1,4-Dichlorobenzene	ND		ug/kg	970	170	5
3,3'-Dichlorobenzidine	ND		ug/kg	970	260	5
2,4-Dinitrotoluene	ND		ug/kg	970	190	5
2,6-Dinitrotoluene	ND		ug/kg	970	170	5
Fluoranthene	1400		ug/kg	580	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	970	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	970	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	97.	5
Hexachlorobutadiene	ND		ug/kg	970	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	880	5
Hexachloroethane	ND		ug/kg	780	160	5
Isophorone	ND		ug/kg	870	120	5
Naphthalene	ND		ug/kg	970	120	5
Nitrobenzene	ND		ug/kg	870	140	5
NDPA/DPA	ND		ug/kg	780	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	970	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	970	340	5
Butyl benzyl phthalate	310	J	ug/kg	970	240	5
Di-n-butylphthalate	ND		ug/kg	970	180	5
Di-n-octylphthalate	ND		ug/kg	970	330	5

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06 D
 Client ID: S-17 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	970	90.	5
Dimethyl phthalate	ND		ug/kg	970	200	5
Benzo(a)anthracene	840		ug/kg	580	110	5
Benzo(a)pyrene	860		ug/kg	780	240	5
Benzo(b)fluoranthene	950		ug/kg	580	160	5
Benzo(k)fluoranthene	410	J	ug/kg	580	160	5
Chrysene	780		ug/kg	580	100	5
Acenaphthylene	ND		ug/kg	780	150	5
Anthracene	ND		ug/kg	580	190	5
Benzo(ghi)perylene	640	J	ug/kg	780	110	5
Fluorene	ND		ug/kg	970	94.	5
Phenanthrene	630		ug/kg	580	120	5
Dibenzo(a,h)anthracene	130	J	ug/kg	580	110	5
Indeno(1,2,3-cd)pyrene	580	J	ug/kg	780	140	5
Pyrene	1500		ug/kg	580	96.	5
Biphenyl	ND		ug/kg	2200	220	5
4-Chloroaniline	ND		ug/kg	970	180	5
2-Nitroaniline	ND		ug/kg	970	190	5
3-Nitroaniline	ND		ug/kg	970	180	5
4-Nitroaniline	ND		ug/kg	970	400	5
Dibenzofuran	ND		ug/kg	970	92.	5
2-Methylnaphthalene	ND		ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	970	100	5
Acetophenone	ND		ug/kg	970	120	5
2,4,6-Trichlorophenol	ND		ug/kg	580	180	5
p-Chloro-m-cresol	ND		ug/kg	970	140	5
2-Chlorophenol	ND		ug/kg	970	110	5
2,4-Dichlorophenol	ND		ug/kg	870	160	5
2,4-Dimethylphenol	ND		ug/kg	970	320	5
2-Nitrophenol	ND		ug/kg	2100	360	5
4-Nitrophenol	ND		ug/kg	1400	400	5
2,4-Dinitrophenol	ND		ug/kg	4600	450	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	460	5
Pentachlorophenol	ND		ug/kg	780	210	5
Phenol	ND		ug/kg	970	150	5
2-Methylphenol	ND		ug/kg	970	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06 D
Client ID: S-17 (2-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	970	180	5
Benzoic Acid	ND		ug/kg	3100	980	5
Benzyl Alcohol	ND		ug/kg	970	300	5
Carbazole	ND		ug/kg	970	94.	5
1,4-Dioxane	ND		ug/kg	140	45.	5

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	32		10-136
4-Terphenyl-d14	78		18-120

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
Client ID: S-18 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/20/20 11:21
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1500		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	30	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	290		ug/kg	200	68.	1
Butyl benzyl phthalate	3600		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
 Client ID: S-18 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	1500		ug/kg	120	22.	1
Benzo(a)pyrene	1200		ug/kg	160	48.	1
Benzo(b)fluoranthene	1500		ug/kg	120	33.	1
Benzo(k)fluoranthene	520		ug/kg	120	32.	1
Chrysene	1800		ug/kg	120	20.	1
Acenaphthylene	180		ug/kg	160	30.	1
Anthracene	190		ug/kg	120	38.	1
Benzo(ghi)perylene	830		ug/kg	160	23.	1
Fluorene	36	J	ug/kg	200	19.	1
Phenanthrene	620		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	240		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	750		ug/kg	160	28.	1
Pyrene	2200		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
 Client ID: S-18 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	53	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Tentatively Identified Compounds

Total TIC Compounds	6230	J	ug/kg			1
Unknown	240	J	ug/kg			1
Unknown PAH	409	J	ug/kg			1
Unknown	568	J	ug/kg			1
Unknown Phenol	268	J	ug/kg			1
Unknown	533	J	ug/kg			1
Unknown Ketone	232	J	ug/kg			1
Unknown Ketone	350	J	ug/kg			1
Unknown PAH	1260	J	ug/kg			1
Unknown Thiophene	244	J	ug/kg			1
Unknown	291	J	ug/kg			1
Unknown PAH	251	J	ug/kg			1
Unknown PAH	428	J	ug/kg			1
Unknown PAH	611	J	ug/kg			1
Unknown PAH	235	J	ug/kg			1
Unknown PAH	305	J	ug/kg			1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
 Client ID: S-18 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	79		18-120

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
Client ID: S-18 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/21/20 06:34
Analyst: SG
Percent Solids: 83%

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.535	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.535	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.535	0.042	1
Perfluorohexanoic Acid (PFHxA)	0.057	J	ug/kg	0.535	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.535	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.535	0.065	1
Perfluorooctanoic Acid (PFOA)	0.055	JF	ug/kg	0.535	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.535	0.192	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.535	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.535	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	0.320	JF	ug/kg	0.535	0.139	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.535	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.535	0.307	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.535	0.216	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.535	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.535	0.164	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.535	0.105	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.535	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.535	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.535	0.219	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.535	0.058	1
PFOA/PFOS, Total	0.375	J	ug/kg	0.535	0.045	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
Client ID: S-18 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
Date Received: 11/18/20
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		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	137		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	154		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	58		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	82		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	103		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		26-160

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
 Client ID: TW-4
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 11/20/20 11:40
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 11/19/20 11:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	0.62	J	ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	6.2		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

Total TIC Compounds	263	J	ug/l			1
Unknown Azole	5.20	J	ug/l			1
Unknown Alkane	6.00	J	ug/l			1
Unknown Organic Acid	12.6	J	ug/l			1
Unknown	8.22	J	ug/l			1
Unknown Organic Acid	6.80	J	ug/l			1
Unknown Phenol	7.56	J	ug/l			1
Unknown	8.25	J	ug/l			1
Unknown	18.5	J	ug/l			1
Unknown Organic Acid	9.49	J	ug/l			1
Unknown Organic Acid	37.3	J	ug/l			1
Unknown	7.56	J	ug/l			1
Unknown Benzene	5.27	J	ug/l			1
Unknown Alkane	5.64	J	ug/l			1
Unknown Organic Acid	115	J	ug/l			1
Unknown Organic Acid	9.74	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	86		41-149

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
 Client ID: TW-4
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 11/20/20 13:03
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 11/19/20 11:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.06	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.20		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.06	J	ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.09	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.70		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
 Client ID: TW-4
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	137	Q	10-120
4-Terphenyl-d14	93		41-149

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
 Client ID: TW-4
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 11/21/20 02:15
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 11/19/20 19:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			51		15-110	

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/20/20 22:50
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.6		ng/l	2.39	0.488	1
Perfluoropentanoic Acid (PFPeA)	13.7		ng/l	2.39	0.474	1
Perfluorobutanesulfonic Acid (PFBS)	7.88		ng/l	2.39	0.285	1
Perfluorohexanoic Acid (PFHxA)	9.55		ng/l	2.39	0.393	1
Perfluoroheptanoic Acid (PFHpA)	6.14		ng/l	2.39	0.270	1
Perfluorohexanesulfonic Acid (PFHxS)	2.77		ng/l	2.39	0.450	1
Perfluorooctanoic Acid (PFOA)	14.6	F	ng/l	2.39	0.282	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.39	1.59	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.39	0.824	1
Perfluorononanoic Acid (PFNA)	2.52		ng/l	2.39	0.374	1
Perfluorooctanesulfonic Acid (PFOS)	24.3	F	ng/l	2.39	0.603	1
Perfluorodecanoic Acid (PFDA)	0.948	J	ng/l	2.39	0.364	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.39	1.45	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.39	0.776	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.39	0.311	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.39	1.17	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.39	0.963	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.39	0.445	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.39	0.392	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.39	0.297	1
PFOA/PFOS, Total	38.9		ng/l	2.39	0.282	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
 Client ID: TW-4
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
 Date Received: 11/18/20
 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)	96		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	110		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	127		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	226		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	228	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		40-144
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	85		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		33-143

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
 Client ID: TW-4
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 11/22/20 12:45
 Analyst: RS

Extraction Method: ALPHA 23528
 Extraction Date: 11/19/20 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.39	0.694	1
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Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
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Perfluoro[13C8]Octanesulfonamide (M8FOSA)	78		1-87
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Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 11/20/20 12:03
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 11:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.3	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	0.72	J	ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

Total TIC Compounds	108	J	ug/l			1
Unknown Alkane	3.16	J	ug/l			1
Unknown Phenol	8.40	J	ug/l			1
Unknown	10.6	J	ug/l			1
Unknown	6.54	J	ug/l			1
Unknown Alkane	5.93	J	ug/l			1
Unknown Organic Acid	6.00	J	ug/l			1
Unknown	16.0	J	ug/l			1
Unknown Alcohol	3.34	J	ug/l			1
Unknown Azole	4.14	J	ug/l			1
Unknown Naphthalene	3.24	J	ug/l			1
Unknown	4.69	J	ug/l			1
Unknown Organic Acid	7.78	J	ug/l			1
Unknown Organic Acid	16.2	J	ug/l			1
Unknown	6.40	J	ug/l			1
Unknown Organic Acid	6.00	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	89		41-149

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
 Client ID: TW-5
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 11/20/20 13:23
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 11/19/20 11:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.23		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.08	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.12		ug/l	0.10	0.01	1
Anthracene	0.15		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.01	1
Fluorene	0.53		ug/l	0.10	0.01	1
Phenanthrene	0.21		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.14		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.21		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
 Client ID: TW-5
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	144	Q	10-120
4-Terphenyl-d14	95		41-149

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
 Client ID: TW-5
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 11/21/20 02:39
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 11/19/20 19:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			51		15-110	

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/20/20 23:07
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.50		ng/l	1.94	0.396	1
Perfluoropentanoic Acid (PFPeA)	15.6		ng/l	1.94	0.385	1
Perfluorobutanesulfonic Acid (PFBS)	9.10		ng/l	1.94	0.231	1
Perfluorohexanoic Acid (PFHxA)	10.5		ng/l	1.94	0.319	1
Perfluoroheptanoic Acid (PFHpA)	9.36		ng/l	1.94	0.219	1
Perfluorohexanesulfonic Acid (PFHxS)	5.70	F	ng/l	1.94	0.365	1
Perfluorooctanoic Acid (PFOA)	22.6	F	ng/l	1.94	0.229	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.94	1.29	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.66	J	ng/l	1.94	0.669	1
Perfluorononanoic Acid (PFNA)	2.86		ng/l	1.94	0.303	1
Perfluorooctanesulfonic Acid (PFOS)	49.1	F	ng/l	1.94	0.490	1
Perfluorodecanoic Acid (PFDA)	0.777	J	ng/l	1.94	0.295	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.94	1.18	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.94	0.630	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.94	0.253	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.94	0.952	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.94	0.564	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.94	0.781	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.94	0.362	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.94	0.318	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.94	0.241	1
PFOA/PFOS, Total	71.7		ng/l	1.94	0.229	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
 Client ID: TW-5
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	82		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	147		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	112		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	179	Q	47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	253	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	179	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	115		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	132		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	35		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	127		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80		33-143

Project Name: 329 HUGUENOT ST**Lab Number:** L2051312**Project Number:** 11571**Report Date:** 11/23/20**SAMPLE RESULTS**

Lab ID: L2051312-10
 Client ID: FB
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:40
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 11/20/20 23:23
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 11/19/20 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.88	0.384	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.88	0.373	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.88	0.224	1
Perfluorohexanoic Acid (PFHxA)	0.369	J	ng/l	1.88	0.309	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.88	0.212	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.88	0.354	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.88	0.222	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.88	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.88	0.648	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.88	0.294	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.88	0.475	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.88	0.286	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.88	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.88	0.611	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.88	0.245	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.88	0.924	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.88	0.547	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.88	0.758	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.88	0.351	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.88	0.308	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.88	0.234	1
PFOA/PFOS, Total	ND		ng/l	1.88	0.222	1

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-10
 Client ID: FB
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:40
 Date Received: 11/18/20
 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)	101		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	119		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	110		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	116		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	132		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	95		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	105		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	164		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	91		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	38		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	90		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	115		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		33-143

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/20/20 00:41
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1436184-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/20/20 00:41
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1436184-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/20/20 00:41
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/19/20 10:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1436184-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	100		18-120

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/20/20 15:51
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-07 Batch: WG1436193-1					
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.500	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.500	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.500	0.061
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.500	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.500	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.500	0.130
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.500	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.500	0.204
Perfluorotetradecanoic Acid (PFTa)	ND		ug/kg	0.500	0.054
PFOA/PFOS, Total	ND		ug/kg	0.500	0.042

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/20/20 15:51
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-07 Batch: WG1436193-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	86		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	95		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	143		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	71		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		26-160

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/20/20 04:43
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 11:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1436212-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/20/20 04:43
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 11:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1436212-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/20/20 04:43
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 11:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1436212-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	6.36	J	ug/l
Unknown Organic Acid	1.53	J	ug/l
Unknown Amide	2.76	J	ug/l
Unknown	2.07	J	ug/l

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/20/20 04:43
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 11:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1436212-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	85		41-149

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 11/20/20 12:05
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 11:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08-09 Batch: WG1436214-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 11/20/20 12:05
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 11:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08-09 Batch: WG1436214-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	95		41-149

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 11/20/20 16:55
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 19:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 08-09 Batch: WG1436322-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	54		15-110

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/20/20 18:25
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 21:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 08-10 Batch: WG1436362-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.440	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/20/20 18:25
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 21:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 08-10 Batch: WG1436362-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	114		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	122		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	203		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	222	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	106		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	117		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	105		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	112		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		33-143

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/22/20 12:08
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 11/19/20 21:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 08-10 Batch: WG1436362-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	76		1-87

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1436184-2 WG1436184-3								
Acenaphthene	78		83		31-137	6		50
1,2,4-Trichlorobenzene	76		80		38-107	5		50
Hexachlorobenzene	96		102		40-140	6		50
Bis(2-chloroethyl)ether	74		79		40-140	7		50
2-Chloronaphthalene	82		85		40-140	4		50
1,2-Dichlorobenzene	74		78		40-140	5		50
1,3-Dichlorobenzene	73		78		40-140	7		50
1,4-Dichlorobenzene	72		78		28-104	8		50
3,3'-Dichlorobenzidine	72		73		40-140	1		50
2,4-Dinitrotoluene	84		90		40-132	7		50
2,6-Dinitrotoluene	90		94		40-140	4		50
Fluoranthene	84		88		40-140	5		50
4-Chlorophenyl phenyl ether	84		87		40-140	4		50
4-Bromophenyl phenyl ether	90		96		40-140	6		50
Bis(2-chloroisopropyl)ether	64		69		40-140	8		50
Bis(2-chloroethoxy)methane	83		85		40-117	2		50
Hexachlorobutadiene	79		87		40-140	10		50
Hexachlorocyclopentadiene	83		87		40-140	5		50
Hexachloroethane	72		76		40-140	5		50
Isophorone	79		80		40-140	1		50
Naphthalene	76		82		40-140	8		50
Nitrobenzene	74		76		40-140	3		50
NDPA/DPA	84		88		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1436184-2 WG1436184-3								
n-Nitrosodi-n-propylamine	77		81		32-121	5		50
Bis(2-ethylhexyl)phthalate	90		95		40-140	5		50
Butyl benzyl phthalate	88		91		40-140	3		50
Di-n-butylphthalate	91		96		40-140	5		50
Di-n-octylphthalate	87		91		40-140	4		50
Diethyl phthalate	84		88		40-140	5		50
Dimethyl phthalate	86		90		40-140	5		50
Benzo(a)anthracene	81		85		40-140	5		50
Benzo(a)pyrene	88		91		40-140	3		50
Benzo(b)fluoranthene	84		88		40-140	5		50
Benzo(k)fluoranthene	82		86		40-140	5		50
Chrysene	81		86		40-140	6		50
Acenaphthylene	87		90		40-140	3		50
Anthracene	86		90		40-140	5		50
Benzo(ghi)perylene	85		90		40-140	6		50
Fluorene	82		87		40-140	6		50
Phenanthrene	83		86		40-140	4		50
Dibenzo(a,h)anthracene	89		93		40-140	4		50
Indeno(1,2,3-cd)pyrene	85		90		40-140	6		50
Pyrene	86		88		35-142	2		50
Biphenyl	89		93		37-127	4		50
4-Chloroaniline	64		65		40-140	2		50
2-Nitroaniline	87		90		47-134	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1436184-2 WG1436184-3								
3-Nitroaniline	70		66		26-129	6		50
4-Nitroaniline	76		80		41-125	5		50
Dibenzofuran	81		86		40-140	6		50
2-Methylnaphthalene	80		84		40-140	5		50
1,2,4,5-Tetrachlorobenzene	96		100		40-117	4		50
Acetophenone	77		80		14-144	4		50
2,4,6-Trichlorophenol	91		96		30-130	5		50
p-Chloro-m-cresol	84		87		26-103	4		50
2-Chlorophenol	81		85		25-102	5		50
2,4-Dichlorophenol	88		90		30-130	2		50
2,4-Dimethylphenol	88		89		30-130	1		50
2-Nitrophenol	82		84		30-130	2		50
4-Nitrophenol	76		79		11-114	4		50
2,4-Dinitrophenol	75		81		4-130	8		50
4,6-Dinitro-o-cresol	84		88		10-130	5		50
Pentachlorophenol	88		94		17-109	7		50
Phenol	73		76		26-90	4		50
2-Methylphenol	82		85		30-130.	4		50
3-Methylphenol/4-Methylphenol	83		86		30-130	4		50
2,4,5-Trichlorophenol	91		94		30-130	3		50
Benzoic Acid	62		68		10-110	9		50
Benzyl Alcohol	80		82		40-140	2		50
Carbazole	85		88		54-128	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1436184-2 WG1436184-3								
1,4-Dioxane	52		53		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		87		25-120
Phenol-d6	82		86		10-120
Nitrobenzene-d5	79		80		23-120
2-Fluorobiphenyl	90		92		30-120
2,4,6-Tribromophenol	105		112		10-136
4-Terphenyl-d14	100		104		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 Batch: WG1436193-2 WG1436193-3								
Perfluorobutanoic Acid (PFBA)	108		108		71-135	0		30
Perfluoropentanoic Acid (PFPeA)	112		111		69-132	1		30
Perfluorobutanesulfonic Acid (PFBS)	112		112		72-128	0		30
Perfluorohexanoic Acid (PFHxA)	110		110		70-132	0		30
Perfluoroheptanoic Acid (PFHpA)	108		106		71-131	2		30
Perfluorohexanesulfonic Acid (PFHxS)	112		112		67-130	0		30
Perfluorooctanoic Acid (PFOA)	106		106		69-133	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	119		123		64-140	3		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		105		70-132	1		30
Perfluorononanoic Acid (PFNA)	110		110		72-129	0		30
Perfluorooctanesulfonic Acid (PFOS)	112		114		68-136	2		30
Perfluorodecanoic Acid (PFDA)	107		108		69-133	1		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	117		114		65-137	3		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	107		112		63-144	5		30
Perfluoroundecanoic Acid (PFUnA)	109		111		64-136	2		30
Perfluorodecanesulfonic Acid (PFDS)	119		119		59-134	0		30
Perfluorooctanesulfonamide (FOSA)	102		112		67-137	9		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		112		61-139	3		30
Perfluorododecanoic Acid (PFDoA)	110		112		69-135	2		30
Perfluorotridecanoic Acid (PFTrDA)	103		103		66-139	0		30
Perfluorotetradecanoic Acid (PFTA)	121		121		69-133	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits			Qual	Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 Batch: WG1436193-2 WG1436193-3									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		92		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		99		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		94		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		95		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		101		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		105		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		94		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	120		118		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		90		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		96		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		93		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	138		146		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	84		79		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		104		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		18		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80		79		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		105		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69		71		26-160

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1436212-2 WG1436212-3								
Acenaphthene	79		83		37-111	5		30
1,2,4-Trichlorobenzene	75		78		39-98	4		30
Hexachlorobenzene	82		87		40-140	6		30
Bis(2-chloroethyl)ether	76		80		40-140	5		30
2-Chloronaphthalene	80		83		40-140	4		30
1,2-Dichlorobenzene	72		76		40-140	5		30
1,3-Dichlorobenzene	72		74		40-140	3		30
1,4-Dichlorobenzene	72		74		36-97	3		30
3,3'-Dichlorobenzidine	70		73		40-140	4		30
2,4-Dinitrotoluene	81		88		48-143	8		30
2,6-Dinitrotoluene	82		88		40-140	7		30
Fluoranthene	90		95		40-140	5		30
4-Chlorophenyl phenyl ether	80		84		40-140	5		30
4-Bromophenyl phenyl ether	82		86		40-140	5		30
Bis(2-chloroisopropyl)ether	75		77		40-140	3		30
Bis(2-chloroethoxy)methane	76		79		40-140	4		30
Hexachlorobutadiene	72		75		40-140	4		30
Hexachlorocyclopentadiene	68		70		40-140	3		30
Hexachloroethane	71		72		40-140	1		30
Isophorone	78		83		40-140	6		30
Naphthalene	77		80		40-140	4		30
Nitrobenzene	76		80		40-140	5		30
NDPA/DPA	85		89		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1436212-2 WG1436212-3								
n-Nitrosodi-n-propylamine	80		86		29-132	7		30
Bis(2-ethylhexyl)phthalate	76		79		40-140	4		30
Butyl benzyl phthalate	86		91		40-140	6		30
Di-n-butylphthalate	78		83		40-140	6		30
Di-n-octylphthalate	85		88		40-140	3		30
Diethyl phthalate	83		89		40-140	7		30
Dimethyl phthalate	85		88		40-140	3		30
Benzo(a)anthracene	84		88		40-140	5		30
Benzo(a)pyrene	96		99		40-140	3		30
Benzo(b)fluoranthene	97		92		40-140	5		30
Benzo(k)fluoranthene	91		101		40-140	10		30
Chrysene	89		92		40-140	3		30
Acenaphthylene	84		90		45-123	7		30
Anthracene	88		92		40-140	4		30
Benzo(ghi)perylene	92		95		40-140	3		30
Fluorene	83		89		40-140	7		30
Phenanthrene	85		88		40-140	3		30
Dibenzo(a,h)anthracene	90		93		40-140	3		30
Indeno(1,2,3-cd)pyrene	88		94		40-140	7		30
Pyrene	89		92		26-127	3		30
Biphenyl	82		86		40-140	5		30
4-Chloroaniline	55		56		40-140	2		30
2-Nitroaniline	83		88		52-143	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1436212-2 WG1436212-3								
3-Nitroaniline	77		80		25-145	4		30
4-Nitroaniline	77		82		51-143	6		30
Dibenzofuran	80		84		40-140	5		30
2-Methylnaphthalene	79		83		40-140	5		30
1,2,4,5-Tetrachlorobenzene	78		82		2-134	5		30
Acetophenone	77		83		39-129	8		30
2,4,6-Trichlorophenol	81		86		30-130	6		30
p-Chloro-m-cresol	86		89		23-97	3		30
2-Chlorophenol	78		84		27-123	7		30
2,4-Dichlorophenol	81		86		30-130	6		30
2,4-Dimethylphenol	59		62		30-130	5		30
2-Nitrophenol	80		85		30-130	6		30
4-Nitrophenol	77		87	Q	10-80	12		30
2,4-Dinitrophenol	82		84		20-130	2		30
4,6-Dinitro-o-cresol	84		89		20-164	6		30
Pentachlorophenol	63		64		9-103	2		30
Phenol	56		58		12-110	4		30
2-Methylphenol	75		77		30-130	3		30
3-Methylphenol/4-Methylphenol	81		86		30-130	6		30
2,4,5-Trichlorophenol	85		90		30-130	6		30
Benzoic Acid	53		54		10-164	2		30
Benzyl Alcohol	75		78		26-116	4		30
Carbazole	88		92		55-144	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1436212-2 WG1436212-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		69		21-120
Phenol-d6	60		62		10-120
Nitrobenzene-d5	76		79		23-120
2-Fluorobiphenyl	75		79		15-120
2,4,6-Tribromophenol	111		117		10-120
4-Terphenyl-d14	89		91		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08-09 Batch: WG1436214-2 WG1436214-3								
Acenaphthene	76		80		40-140	5		40
2-Chloronaphthalene	78		81		40-140	4		40
Fluoranthene	96		102		40-140	6		40
Hexachlorobutadiene	69		69		40-140	0		40
Naphthalene	70		71		40-140	1		40
Benzo(a)anthracene	94		99		40-140	5		40
Benzo(a)pyrene	102		109		40-140	7		40
Benzo(b)fluoranthene	94		104		40-140	10		40
Benzo(k)fluoranthene	101		102		40-140	1		40
Chrysene	90		94		40-140	4		40
Acenaphthylene	86		90		40-140	5		40
Anthracene	88		93		40-140	6		40
Benzo(ghi)perylene	92		98		40-140	6		40
Fluorene	85		90		40-140	6		40
Phenanthrene	83		87		40-140	5		40
Dibenzo(a,h)anthracene	97		102		40-140	5		40
Indeno(1,2,3-cd)pyrene	99		105		40-140	6		40
Pyrene	98		102		40-140	4		40
2-Methylnaphthalene	76		79		40-140	4		40
Pentachlorophenol	125		129		40-140	3		40
Hexachlorobenzene	82		86		40-140	5		40
Hexachloroethane	58		56		40-140	4		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08-09 Batch: WG1436214-2 WG1436214-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		56		21-120
Phenol-d6	47		47		10-120
Nitrobenzene-d5	71		70		23-120
2-Fluorobiphenyl	78		82		15-120
2,4,6-Tribromophenol	121	Q	126	Q	10-120
4-Terphenyl-d14	91		94		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 08-09 Batch: WG1436322-2 WG1436322-3								
1,4-Dioxane	116		118		40-140	2		30

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
1,4-Dioxane-d8	52		54		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 08-10 Batch: WG1436362-2 WG1436362-3									
Perfluorobutanoic Acid (PFBA)	107		104		67-148		3		30
Perfluoropentanoic Acid (PFPeA)	110		109		63-161		1		30
Perfluorobutanesulfonic Acid (PFBS)	108		106		65-157		2		30
Perfluorohexanoic Acid (PFHxA)	107		106		69-168		1		30
Perfluoroheptanoic Acid (PFHpA)	103		102		58-159		1		30
Perfluorohexanesulfonic Acid (PFHxS)	107		103		69-177		4		30
Perfluorooctanoic Acid (PFOA)	103		104		63-159		1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	116		109		49-187		6		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		106		61-179		0		30
Perfluorononanoic Acid (PFNA)	106		106		68-171		0		30
Perfluorooctanesulfonic Acid (PFOS)	111		107		52-151		4		30
Perfluorodecanoic Acid (PFDA)	104		104		63-171		0		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	131		122		56-173		7		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	110		104		60-166		6		30
Perfluoroundecanoic Acid (PFUnA)	105		106		60-153		1		30
Perfluorodecanesulfonic Acid (PFDS)	117		113		38-156		3		30
Perfluorooctanesulfonamide (FOSA)	103		102		46-170		1		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		99		45-170		7		30
Perfluorododecanoic Acid (PFDoA)	109		107		67-153		2		30
Perfluorotridecanoic Acid (PFTrDA)	103		100		48-158		3		30
Perfluorotetradecanoic Acid (PFTA)	118		112		59-182		5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 08-10 Batch: WG1436362-2 WG1436362-3									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		99		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112		108		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		103		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		100		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	110		108		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	118		115		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		97		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	147		153		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		93		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	105		101		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		98		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	169		175	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	86		88		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113		109		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	35		35		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	94		92		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	115		108		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		76		33-143

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 08-10 Batch: WG1436362-2 WG1436362-3								
Perfluorooctanesulfonamide (FOSA)	102		103		46-170	1		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	81		79		1-87

Matrix Spike Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436193-4 QC Sample: L2051312-01 Client ID: S-12 (3-4)												
Perfluorobutanoic Acid (PFBA)	ND	5.12	5.72	112		-	-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	ND	5.12	5.96	116		-	-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.55	5.30	116		-	-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	ND	5.12	5.80	113		-	-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.12	5.62	110		-	-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.68	5.21	111		-	-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	0.087JF	5.12	5.87F	113		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	4.88	6.07F	124		-	-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	4.88	5.38	110		-	-		70-132	-		30
Perfluorononanoic Acid (PFNA)	ND	5.12	5.92	116		-	-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	0.946F	4.76	6.44F	116		-	-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	ND	5.12	5.65	110		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	4.92	6.05F	123		-	-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.12	5.86F	114		-	-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.12	5.70	111		-	-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	4.94	6.06	123		-	-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	ND	5.12	5.26F	103		-	-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.12	5.55	108		-	-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	ND	5.12	5.98	117		-	-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.12	5.61	109		-	-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	5.12	6.36	124		-	-		69-133	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436193-4 QC Sample: L2051312-01 Client ID: S-12 (3-4)												

<i>Surrogate (Extracted Internal Standard)</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	125				25-186
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	104				32-182
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64				42-136
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	59				45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91				64-158
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81				65-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	82				61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91				62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	84				63-166
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86				56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63				26-160
Perfluoro[13C4]Butanoic Acid (MPFBA)	82				60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88				65-182
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	36				1-125
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74				65-151
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80				62-152
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	76				61-154
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	75				70-151

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436193-5 QC Sample: L2051312-02 Client ID: S-13 (5-6)						
Perfluorobutanoic Acid (PFBA)	ND	ND	ug/kg	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ug/kg	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ug/kg	NC		30
Perfluorohexanoic Acid (PFHxA)	0.084J	0.089J	ug/kg	NC		30
Perfluoroheptanoic Acid (PFHpA)	0.052J	0.050J	ug/kg	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	0.696	0.605F	ug/kg	14		30
Perfluorooctanoic Acid (PFOA)	0.308JF	0.287JF	ug/kg	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ug/kg	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ug/kg	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ug/kg	NC		30
Perfluorooctanesulfonic Acid (PFOS)	3.47F	3.08F	ug/kg	12		30
Perfluorodecanoic Acid (PFDA)	0.096J	0.104JF	ug/kg	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ug/kg	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ug/kg	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ug/kg	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ug/kg	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ug/kg	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ug/kg	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ug/kg	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ug/kg	NC		30

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436193-5 QC Sample: L2051312-02 Client ID: S-13 (5-6)						
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ug/kg	NC		30
PFOA/PFOS, Total	3.78J	3.37J	ug/kg	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		83		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		92		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		88		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		87		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		98		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		101		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		89		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	132		123		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		84		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		89		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		90		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	159		158		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	90		85		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		103		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	15		13		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		81		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		98		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		70		26-160

PCBS

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
Client ID: S-12 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/19/20 22:02
Analyst: AD
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 08:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	3.18	1	A
Aroclor 1221	ND		ug/kg	35.8	3.58	1	A
Aroclor 1232	ND		ug/kg	35.8	7.58	1	A
Aroclor 1242	ND		ug/kg	35.8	4.82	1	A
Aroclor 1248	ND		ug/kg	35.8	5.37	1	A
Aroclor 1254	16.9	J	ug/kg	35.8	3.91	1	B
Aroclor 1260	ND		ug/kg	35.8	6.61	1	B
Aroclor 1262	ND		ug/kg	35.8	4.54	1	A
Aroclor 1268	ND		ug/kg	35.8	3.71	1	A
PCBs, Total	16.9	J	ug/kg	35.8	3.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02
Client ID: S-13 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/19/20 22:14
Analyst: AD
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 08:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	3.07	1	A
Aroclor 1221	ND		ug/kg	34.6	3.47	1	A
Aroclor 1232	ND		ug/kg	34.6	7.34	1	A
Aroclor 1242	ND		ug/kg	34.6	4.67	1	A
Aroclor 1248	ND		ug/kg	34.6	5.19	1	A
Aroclor 1254	ND		ug/kg	34.6	3.79	1	A
Aroclor 1260	ND		ug/kg	34.6	6.40	1	A
Aroclor 1262	ND		ug/kg	34.6	4.40	1	A
Aroclor 1268	ND		ug/kg	34.6	3.59	1	A
PCBs, Total	ND		ug/kg	34.6	3.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
 Client ID: S-14 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/19/20 22:27
 Analyst: AD
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 11/19/20 08:25
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/19/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	3.07	1	A
Aroclor 1221	ND		ug/kg	34.6	3.46	1	A
Aroclor 1232	ND		ug/kg	34.6	7.33	1	A
Aroclor 1242	ND		ug/kg	34.6	4.66	1	A
Aroclor 1248	ND		ug/kg	34.6	5.19	1	A
Aroclor 1254	44.8		ug/kg	34.6	3.78	1	B
Aroclor 1260	ND		ug/kg	34.6	6.39	1	A
Aroclor 1262	ND		ug/kg	34.6	4.39	1	A
Aroclor 1268	ND		ug/kg	34.6	3.58	1	A
PCBs, Total	44.8		ug/kg	34.6	3.07	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
Client ID: S-15 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/19/20 22:40
Analyst: AD
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 08:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.5	3.15	1	A
Aroclor 1221	ND		ug/kg	35.5	3.56	1	A
Aroclor 1232	ND		ug/kg	35.5	7.53	1	A
Aroclor 1242	ND		ug/kg	35.5	4.79	1	A
Aroclor 1248	ND		ug/kg	35.5	5.33	1	A
Aroclor 1254	12.2	J	ug/kg	35.5	3.88	1	A
Aroclor 1260	ND		ug/kg	35.5	6.56	1	A
Aroclor 1262	ND		ug/kg	35.5	4.51	1	A
Aroclor 1268	ND		ug/kg	35.5	3.68	1	A
PCBs, Total	12.2	J	ug/kg	35.5	3.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
Client ID: S-16 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/19/20 22:53
Analyst: AD
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 08:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	3.22	1	A
Aroclor 1221	ND		ug/kg	36.2	3.63	1	A
Aroclor 1232	ND		ug/kg	36.2	7.68	1	A
Aroclor 1242	ND		ug/kg	36.2	4.88	1	A
Aroclor 1248	ND		ug/kg	36.2	5.44	1	A
Aroclor 1254	60.2		ug/kg	36.2	3.96	1	A
Aroclor 1260	ND		ug/kg	36.2	6.70	1	A
Aroclor 1262	ND		ug/kg	36.2	4.60	1	A
Aroclor 1268	ND		ug/kg	36.2	3.75	1	A
PCBs, Total	60.2		ug/kg	36.2	3.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06
Client ID: S-17 (2-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/19/20 23:05
Analyst: AD
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 08:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.2	3.48	1	A
Aroclor 1221	ND		ug/kg	39.2	3.93	1	A
Aroclor 1232	ND		ug/kg	39.2	8.31	1	A
Aroclor 1242	ND		ug/kg	39.2	5.29	1	A
Aroclor 1248	ND		ug/kg	39.2	5.88	1	A
Aroclor 1254	223		ug/kg	39.2	4.29	1	B
Aroclor 1260	ND		ug/kg	39.2	7.25	1	A
Aroclor 1262	ND		ug/kg	39.2	4.98	1	A
Aroclor 1268	ND		ug/kg	39.2	4.06	1	A
PCBs, Total	223		ug/kg	39.2	3.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
Client ID: S-18 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/19/20 23:18
Analyst: AD
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 08:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.5	3.42	1	A
Aroclor 1221	ND		ug/kg	38.5	3.86	1	A
Aroclor 1232	ND		ug/kg	38.5	8.16	1	A
Aroclor 1242	ND		ug/kg	38.5	5.19	1	A
Aroclor 1248	ND		ug/kg	38.5	5.77	1	A
Aroclor 1254	261		ug/kg	38.5	4.21	1	B
Aroclor 1260	ND		ug/kg	38.5	7.11	1	A
Aroclor 1262	ND		ug/kg	38.5	4.89	1	A
Aroclor 1268	ND		ug/kg	38.5	3.99	1	A
PCBs, Total	261		ug/kg	38.5	3.42	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/20/20 00:17
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 07:51
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 11/19/20

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/20/20 00:25
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 07:51
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 11/19/20

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 11/19/20 23:53
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 07:51
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 08-09 Batch: WG1436074-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 11/19/20 23:31
Analyst: AD

Extraction Method: EPA 3546
Extraction Date: 11/19/20 08:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-07 Batch: WG1436092-1						
Aroclor 1016	ND		ug/kg	32.3	2.87	A
Aroclor 1221	ND		ug/kg	32.3	3.24	A
Aroclor 1232	ND		ug/kg	32.3	6.85	A
Aroclor 1242	ND		ug/kg	32.3	4.35	A
Aroclor 1248	ND		ug/kg	32.3	4.84	A
Aroclor 1254	ND		ug/kg	32.3	3.53	A
Aroclor 1260	ND		ug/kg	32.3	5.97	A
Aroclor 1262	ND		ug/kg	32.3	4.10	A
Aroclor 1268	ND		ug/kg	32.3	3.35	A
PCBs, Total	ND		ug/kg	32.3	2.87	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	55		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 08-09 Batch: WG1436074-2 WG1436074-3									
Aroclor 1016	82		94		40-140	14		50	A
Aroclor 1260	76		87		40-140	14		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		90		30-150	A
Decachlorobiphenyl	82		99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		86		30-150	B
Decachlorobiphenyl	88		97		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1436092-2 WG1436092-3									
Aroclor 1016	60		66		40-140	10		50	A
Aroclor 1260	53		60		40-140	12		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		64		30-150	A
Decachlorobiphenyl	46		53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		66		30-150	B
Decachlorobiphenyl	55		61		30-150	B

PESTICIDES

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
Client ID: S-12 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/20/20 12:45
Analyst: BM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 09:52
Cleanup Method: EPA 3620B
Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.665	1	A
Heptachlor	ND		ug/kg	0.876	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.986	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.767	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	9.75		ug/kg	1.10	0.548	1	B
4,4'-DDE	29.6		ug/kg	1.75	0.405	1	B
4,4'-DDD	8.33		ug/kg	1.75	0.625	1	A
4,4'-DDT	57.4		ug/kg	3.29	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.348	1	A
Methoxychlor	10.5	IP	ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.20	1	A
cis-Chlordane	22.5		ug/kg	2.19	0.611	1	A
trans-Chlordane	20.2		ug/kg	2.19	0.578	1	A
Chlordane	198		ug/kg	14.6	5.81	1	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
 Client ID: S-12 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
 Date Received: 11/18/20
 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	90		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	155	Q	30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02
Client ID: S-13 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/20/20 12:55
Analyst: BM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 09:52
Cleanup Method: EPA 3620B
Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.967	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	17.2	IP	ug/kg	1.07	0.537	1	A
4,4'-DDE	99.3		ug/kg	1.72	0.398	1	A
4,4'-DDD	20.0		ug/kg	1.72	0.613	1	A
4,4'-DDT	447	E	ug/kg	3.22	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	352	PE	ug/kg	3.22	1.00	1	B
Toxaphene	ND		ug/kg	32.2	9.03	1	A
cis-Chlordane	524	E	ug/kg	2.15	0.599	1	A
trans-Chlordane	379	E	ug/kg	2.15	0.567	1	A
Chlordane	2710	E	ug/kg	14.3	5.70	1	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02
 Client ID: S-13 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
 Date Received: 11/18/20
 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	89		30-150	A
Decachlorobiphenyl	442	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	3070	Q	30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02 D
 Client ID: S-13 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 11/20/20 17:13
 Analyst: BM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 11/19/20 09:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	509		ug/kg	32.2	13.8	10	A
Methoxychlor	409		ug/kg	32.2	10.0	10	A
cis-Chlordane	418	IP	ug/kg	21.5	5.99	10	B
trans-Chlordane	479		ug/kg	21.5	5.67	10	A
Chlordane	2500		ug/kg	143	57.0	10	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
Client ID: S-14 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/20/20 13:17
Analyst: BM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 09:52
Cleanup Method: EPA 3620B
Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.317	1	A
Lindane	ND		ug/kg	0.675	0.302	1	A
Alpha-BHC	ND		ug/kg	0.675	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.615	1	A
Heptachlor	ND		ug/kg	0.810	0.363	1	A
Aldrin	ND		ug/kg	1.62	0.571	1	A
Heptachlor epoxide	ND		ug/kg	3.04	0.912	1	A
Endrin	ND		ug/kg	0.675	0.277	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.709	1	A
Endrin ketone	ND		ug/kg	1.62	0.417	1	A
Dieldrin	3.85		ug/kg	1.01	0.506	1	B
4,4'-DDE	180	E	ug/kg	1.62	0.375	1	A
4,4'-DDD	6.68		ug/kg	1.62	0.578	1	B
4,4'-DDT	207	E	ug/kg	3.04	1.30	1	A
Endosulfan I	ND		ug/kg	1.62	0.383	1	A
Endosulfan II	ND		ug/kg	1.62	0.542	1	A
Endosulfan sulfate	ND		ug/kg	0.675	0.322	1	A
Methoxychlor	ND		ug/kg	3.04	0.946	1	A
Toxaphene	ND		ug/kg	30.4	8.51	1	A
cis-Chlordane	5.22		ug/kg	2.03	0.565	1	A
trans-Chlordane	6.07	IP	ug/kg	2.03	0.535	1	A
Chlordane	115	P	ug/kg	13.5	5.37	1	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
 Client ID: S-14 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
 Date Received: 11/18/20
 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	83		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03 D
 Client ID: S-14 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 11/20/20 17:24
 Analyst: BM
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 11/19/20 09:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	180		ug/kg	8.10	1.87	5	B
4,4'-DDT	209		ug/kg	15.2	6.52	5	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
 Client ID: S-15 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 11/20/20 13:27
 Analyst: BM
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 11/19/20 09:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.735	0.328	1	A
Alpha-BHC	ND		ug/kg	0.735	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.668	1	A
Heptachlor	ND		ug/kg	0.882	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.621	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.31	0.992	1	B
Endrin	ND		ug/kg	0.735	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.771	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	6.96		ug/kg	1.10	0.551	1	B
4,4'-DDE	18.3	IP	ug/kg	1.76	0.408	1	A
4,4'-DDD	5.43		ug/kg	1.76	0.629	1	A
4,4'-DDT	95.5		ug/kg	3.31	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.735	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.26	1	A
cis-Chlordane	7.40		ug/kg	2.20	0.614	1	B
trans-Chlordane	8.35		ug/kg	2.20	0.582	1	A
Chlordane	136		ug/kg	14.7	5.84	1	A

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
 Client ID: S-15 (5-6)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
 Date Received: 11/18/20
 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	84		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	242	Q	30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
Client ID: S-16 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/20/20 13:38
Analyst: BM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 09:52
Cleanup Method: EPA 3620B
Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.319	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	4.21		ug/kg	3.21	0.963	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.749	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	12.4		ug/kg	1.07	0.535	1	B
4,4'-DDE	106		ug/kg	1.71	0.396	1	B
4,4'-DDD	16.4		ug/kg	1.71	0.610	1	B
4,4'-DDT	220	E	ug/kg	3.21	1.38	1	B
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	14.9		ug/kg	2.14	0.596	1	A
trans-Chlordane	14.4		ug/kg	2.14	0.565	1	B
Chlordane	139	P	ug/kg	14.3	5.67	1	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
 Client ID: S-16 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
 Date Received: 11/18/20
 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		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05 D
 Client ID: S-16 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
 Date Received: 11/18/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 11/20/20 17:35
 Analyst: BM
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 11/19/20 09:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	340		ug/kg	16.0	6.88	5	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06
Client ID: S-17 (2-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/20/20 13:49
Analyst: BM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 09:52
Cleanup Method: EPA 3620B
Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.81	0.688	1	A
Heptachlor	ND		ug/kg	0.907	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	ND		ug/kg	1.13	0.567	1	A
4,4'-DDE	5.83		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.647	1	A
4,4'-DDT	13.1	IP	ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.52	1	A
cis-Chlordane	5.35		ug/kg	2.27	0.632	1	A
trans-Chlordane	7.08		ug/kg	2.27	0.598	1	B
Chlordane	92.4		ug/kg	15.1	6.01	1	A

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06
 Client ID: S-17 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
 Date Received: 11/18/20
 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	87		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
Client ID: S-18 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/20/20 13:59
Analyst: BM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 11/19/20 09:52
Cleanup Method: EPA 3620B
Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.769	0.344	1	A
Alpha-BHC	ND		ug/kg	0.769	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.700	1	A
Heptachlor	ND		ug/kg	0.923	0.414	1	A
Aldrin	ND		ug/kg	1.84	0.650	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.769	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.808	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	ND		ug/kg	1.15	0.577	1	A
4,4'-DDE	ND		ug/kg	1.84	0.427	1	A
4,4'-DDD	ND		ug/kg	1.84	0.658	1	A
4,4'-DDT	9.36	IP	ug/kg	3.46	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.436	1	A
Endosulfan II	ND		ug/kg	1.84	0.617	1	A
Endosulfan sulfate	ND		ug/kg	0.769	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.69	1	A
cis-Chlordane	6.91		ug/kg	2.31	0.643	1	A
trans-Chlordane	8.52		ug/kg	2.31	0.609	1	B
Chlordane	78.0	IP	ug/kg	15.4	6.11	1	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
 Client ID: S-18 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
 Date Received: 11/18/20
 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	94		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	145		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 11/19/20 20:48
Analyst: JMC

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 07:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	0.010	J	ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
 Client ID: TW-4
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
 Date Received: 11/18/20
 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	75		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 11/19/20 21:00
Analyst: JMC

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 07:49

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

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
 Client ID: TW-5
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
 Date Received: 11/18/20
 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	72		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/19/20 21:12
Analyst: JMC

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 07:49

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08-09 Batch: WG1436069-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/19/20 21:12
Analyst: JMC

Extraction Method: EPA 3510C
Extraction Date: 11/19/20 07:49

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08-09 Batch: WG1436069-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/20/20 11:36
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 11/19/20 09:52
Cleanup Method: EPA 3620B
Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG1436138-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.650	0.291	A
Alpha-BHC	ND		ug/kg	0.650	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.780	0.350	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.878	A
Endrin	ND		ug/kg	0.650	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.683	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.975	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	2.92	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.650	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.910	A
Toxaphene	ND		ug/kg	29.2	8.19	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	13.0	5.17	A

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/20/20 11:36
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 11/19/20 09:52
Cleanup Method: EPA 3620B
Cleanup Date: 11/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG1436138-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08-09 Batch: WG1436069-2 WG1436069-3									
Delta-BHC	66		63		30-150	4		20	A
Lindane	65		63		30-150	3		20	A
Alpha-BHC	73		65		30-150	12		20	A
Beta-BHC	75		75		30-150	0		20	A
Heptachlor	69		63		30-150	10		20	A
Aldrin	62		59		30-150	5		20	A
Heptachlor epoxide	66		64		30-150	3		20	A
Endrin	59		59		30-150	1		20	A
Endrin aldehyde	34		38		30-150	12		20	A
Endrin ketone	54		50		30-150	8		20	A
Dieldrin	62		62		30-150	1		20	A
4,4'-DDE	59		58		30-150	2		20	A
4,4'-DDD	65		64		30-150	1		20	A
4,4'-DDT	58		58		30-150	1		20	A
Endosulfan I	61		61		30-150	1		20	A
Endosulfan II	59		59		30-150	0		20	A
Endosulfan sulfate	54		54		30-150	1		20	A
Methoxychlor	54		57		30-150	7		20	A
cis-Chlordane	57		55		30-150	2		20	A
trans-Chlordane	61		60		30-150	2		20	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08-09 Batch: WG1436069-2 WG1436069-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	63		62		30-150	A
Decachlorobiphenyl	47		53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		55		30-150	B
Decachlorobiphenyl	69		58		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1436138-2 WG1436138-3									
Delta-BHC	81		81		30-150	0		30	A
Lindane	76		74		30-150	3		30	A
Alpha-BHC	80		78		30-150	3		30	A
Beta-BHC	80		83		30-150	4		30	A
Heptachlor	90		89		30-150	1		30	A
Aldrin	77		75		30-150	3		30	A
Heptachlor epoxide	76		74		30-150	3		30	A
Endrin	87		83		30-150	5		30	A
Endrin aldehyde	64		57		30-150	12		30	A
Endrin ketone	72		67		30-150	7		30	A
Dieldrin	80		76		30-150	5		30	A
4,4'-DDE	80		77		30-150	4		30	A
4,4'-DDD	86		82		30-150	5		30	A
4,4'-DDT	80		76		30-150	5		30	A
Endosulfan I	75		72		30-150	4		30	A
Endosulfan II	80		76		30-150	5		30	A
Endosulfan sulfate	65		58		30-150	11		30	A
Methoxychlor	85		80		30-150	6		30	A
cis-Chlordane	74		71		30-150	4		30	A
trans-Chlordane	76		73		30-150	4		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1436138-2 WG1436138-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	71		70		30-150	A
Decachlorobiphenyl	95		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		82		30-150	B
Decachlorobiphenyl	77		71		30-150	B

METALS

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01

Date Collected: 11/18/20 08:40

Client ID: S-12 (3-4)

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6890		mg/kg	8.75	2.36	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.37	0.332	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Arsenic, Total	3.88		mg/kg	0.875	0.182	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Barium, Total	95.6		mg/kg	0.875	0.152	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.437	0.029	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Cadmium, Total	0.647	J	mg/kg	0.875	0.086	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Calcium, Total	53100		mg/kg	87.5	30.6	20	11/21/20 08:11	11/23/20 11:50	EPA 3050B	1,6010D	GD
Chromium, Total	11.2		mg/kg	0.875	0.084	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Cobalt, Total	5.51		mg/kg	1.75	0.145	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Copper, Total	21.8		mg/kg	0.875	0.226	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Iron, Total	10800		mg/kg	4.37	0.790	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Lead, Total	99.2		mg/kg	4.37	0.234	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Magnesium, Total	15800		mg/kg	8.75	1.35	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Manganese, Total	212		mg/kg	0.875	0.139	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.078	0.051	1	11/21/20 09:08	11/23/20 09:11	EPA 7471B	1,7471B	EW
Nickel, Total	10.7		mg/kg	2.19	0.212	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Potassium, Total	1400		mg/kg	219	12.6	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.75	0.226	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.875	0.248	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Sodium, Total	846		mg/kg	175	2.76	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.75	0.276	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Vanadium, Total	24.9		mg/kg	0.875	0.178	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD
Zinc, Total	101		mg/kg	4.37	0.256	2	11/21/20 08:11	11/23/20 10:48	EPA 3050B	1,6010D	GD



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02

Date Collected: 11/18/20 09:00

Client ID: S-13 (5-6)

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6180		mg/kg	8.66	2.34	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.33	0.329	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Arsenic, Total	4.35		mg/kg	0.866	0.180	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Barium, Total	776		mg/kg	0.866	0.151	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.433	0.029	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Cadmium, Total	2.60		mg/kg	0.866	0.085	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Calcium, Total	49600		mg/kg	86.6	30.3	20	11/21/20 08:11	11/23/20 12:08	EPA 3050B	1,6010D	GD
Chromium, Total	19.3		mg/kg	0.866	0.083	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Cobalt, Total	5.64		mg/kg	1.73	0.144	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Copper, Total	25.3		mg/kg	0.866	0.223	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Iron, Total	10600		mg/kg	4.33	0.782	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Lead, Total	964		mg/kg	4.33	0.232	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Magnesium, Total	11800		mg/kg	8.66	1.33	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Manganese, Total	200		mg/kg	0.866	0.138	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Mercury, Total	1.82		mg/kg	0.085	0.055	1	11/21/20 09:08	11/23/20 09:24	EPA 7471B	1,7471B	EW
Nickel, Total	14.1		mg/kg	2.16	0.209	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Potassium, Total	2130		mg/kg	216	12.5	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Selenium, Total	0.805	J	mg/kg	1.73	0.223	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.866	0.245	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Sodium, Total	473		mg/kg	173	2.73	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.73	0.273	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Vanadium, Total	25.0		mg/kg	0.866	0.176	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD
Zinc, Total	1030		mg/kg	4.33	0.254	2	11/21/20 08:11	11/23/20 11:07	EPA 3050B	1,6010D	GD



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03

Date Collected: 11/18/20 09:10

Client ID: S-14 (4-5)

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6600		mg/kg	8.45	2.28	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.22	0.321	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Arsenic, Total	2.83		mg/kg	0.845	0.176	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Barium, Total	70.5		mg/kg	0.845	0.147	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.422	0.028	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Cadmium, Total	0.515	J	mg/kg	0.845	0.083	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Calcium, Total	55500		mg/kg	84.5	29.6	20	11/21/20 08:11	11/23/20 12:13	EPA 3050B	1,6010D	GD
Chromium, Total	11.6		mg/kg	0.845	0.081	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Cobalt, Total	8.29		mg/kg	1.69	0.140	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Copper, Total	35.5		mg/kg	0.845	0.218	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Iron, Total	9620		mg/kg	4.22	0.763	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Lead, Total	16.1		mg/kg	4.22	0.226	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Magnesium, Total	7310		mg/kg	8.45	1.30	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Manganese, Total	266		mg/kg	0.845	0.134	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Mercury, Total	0.068	J	mg/kg	0.087	0.057	1	11/21/20 09:08	11/23/20 09:27	EPA 7471B	1,7471B	EW
Nickel, Total	18.4		mg/kg	2.11	0.204	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Potassium, Total	2080		mg/kg	211	12.2	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Selenium, Total	0.684	J	mg/kg	1.69	0.218	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.845	0.239	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Sodium, Total	338		mg/kg	169	2.66	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.69	0.266	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Vanadium, Total	44.2		mg/kg	0.845	0.172	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD
Zinc, Total	85.9		mg/kg	4.22	0.248	2	11/21/20 08:11	11/23/20 11:12	EPA 3050B	1,6010D	GD



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04

Date Collected: 11/18/20 12:15

Client ID: S-15 (5-6)

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5910		mg/kg	8.77	2.37	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.39	0.333	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Arsenic, Total	4.24		mg/kg	0.877	0.182	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Barium, Total	172		mg/kg	0.877	0.153	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.439	0.029	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Cadmium, Total	0.289	J	mg/kg	0.877	0.086	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Calcium, Total	99000		mg/kg	87.7	30.7	20	11/21/20 08:11	11/23/20 12:18	EPA 3050B	1,6010D	GD
Chromium, Total	9.25		mg/kg	0.877	0.084	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Cobalt, Total	4.00		mg/kg	1.75	0.146	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Copper, Total	9.91		mg/kg	0.877	0.226	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Iron, Total	7160		mg/kg	4.39	0.792	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Lead, Total	128		mg/kg	4.39	0.235	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Magnesium, Total	18900		mg/kg	8.77	1.35	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Manganese, Total	119		mg/kg	0.877	0.139	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Mercury, Total	0.099		mg/kg	0.085	0.055	1	11/21/20 09:08	11/23/20 09:31	EPA 7471B	1,7471B	EW
Nickel, Total	9.13		mg/kg	2.19	0.212	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Potassium, Total	1090		mg/kg	219	12.6	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Selenium, Total	0.491	J	mg/kg	1.75	0.226	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.877	0.248	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Sodium, Total	512		mg/kg	175	2.76	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.75	0.276	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Vanadium, Total	18.5		mg/kg	0.877	0.178	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD
Zinc, Total	441		mg/kg	4.39	0.257	2	11/21/20 08:11	11/23/20 11:17	EPA 3050B	1,6010D	GD



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05

Date Collected: 11/18/20 12:30

Client ID: S-16 (4-5)

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6370		mg/kg	8.93	2.41	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.46	0.339	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Arsenic, Total	4.62		mg/kg	0.893	0.186	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Barium, Total	187		mg/kg	0.893	0.155	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.446	0.030	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Cadmium, Total	0.598	J	mg/kg	0.893	0.088	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Calcium, Total	63300		mg/kg	89.3	31.2	20	11/21/20 08:11	11/23/20 13:27	EPA 3050B	1,6010D	GD
Chromium, Total	11.7		mg/kg	0.893	0.086	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Cobalt, Total	4.53		mg/kg	1.78	0.148	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Copper, Total	24.3		mg/kg	0.893	0.230	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Iron, Total	10300		mg/kg	4.46	0.806	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Lead, Total	251		mg/kg	4.46	0.239	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Magnesium, Total	9400		mg/kg	8.93	1.37	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Manganese, Total	217		mg/kg	0.893	0.142	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Mercury, Total	0.081		mg/kg	0.078	0.051	1	11/21/20 09:08	11/23/20 09:40	EPA 7471B	1,7471B	EW
Nickel, Total	11.0		mg/kg	2.23	0.216	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Potassium, Total	1710		mg/kg	223	12.8	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Selenium, Total	0.759	J	mg/kg	1.78	0.230	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.893	0.253	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Sodium, Total	474		mg/kg	178	2.81	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.78	0.281	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Vanadium, Total	28.0		mg/kg	0.893	0.181	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD
Zinc, Total	186		mg/kg	4.46	0.262	2	11/21/20 08:11	11/23/20 12:22	EPA 3050B	1,6010D	GD



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06

Date Collected: 11/18/20 12:50

Client ID: S-17 (2-3)

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5450		mg/kg	9.30	2.51	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.65	0.353	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Arsenic, Total	3.78		mg/kg	0.930	0.193	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Barium, Total	364		mg/kg	0.930	0.162	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.465	0.031	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Cadmium, Total	1.07		mg/kg	0.930	0.091	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Calcium, Total	73900		mg/kg	93.0	32.6	20	11/21/20 08:11	11/23/20 13:54	EPA 3050B	1,6010D	GD
Chromium, Total	11.1		mg/kg	0.930	0.089	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Cobalt, Total	4.59		mg/kg	1.86	0.154	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Copper, Total	9.13		mg/kg	0.930	0.240	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Iron, Total	8540		mg/kg	4.65	0.840	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Lead, Total	203		mg/kg	4.65	0.249	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Magnesium, Total	11000		mg/kg	9.30	1.43	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Manganese, Total	186		mg/kg	0.930	0.148	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Mercury, Total	0.417		mg/kg	0.085	0.055	1	11/21/20 09:08	11/23/20 09:44	EPA 7471B	1,7471B	EW
Nickel, Total	8.84		mg/kg	2.32	0.225	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Potassium, Total	903		mg/kg	232	13.4	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Selenium, Total	0.670	J	mg/kg	1.86	0.240	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.930	0.263	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Sodium, Total	994		mg/kg	186	2.93	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.86	0.293	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Vanadium, Total	33.8		mg/kg	0.930	0.189	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD
Zinc, Total	246		mg/kg	4.65	0.272	2	11/21/20 08:11	11/23/20 12:27	EPA 3050B	1,6010D	GD



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07

Date Collected: 11/18/20 13:15

Client ID: S-18 (3-4)

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5160		mg/kg	9.34	2.52	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.67	0.355	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Arsenic, Total	2.75		mg/kg	0.934	0.194	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Barium, Total	75.3		mg/kg	0.934	0.162	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.467	0.031	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Cadmium, Total	0.243	J	mg/kg	0.934	0.092	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Calcium, Total	24300		mg/kg	9.34	3.27	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Chromium, Total	15.2		mg/kg	0.934	0.090	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Cobalt, Total	4.14		mg/kg	1.87	0.155	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Copper, Total	4.49		mg/kg	0.934	0.241	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Iron, Total	7390		mg/kg	4.67	0.843	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Lead, Total	21.7		mg/kg	4.67	0.250	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Magnesium, Total	6110		mg/kg	9.34	1.44	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Manganese, Total	160		mg/kg	0.934	0.148	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/21/20 09:08	11/23/20 09:47	EPA 7471B	1,7471B	EW
Nickel, Total	9.52		mg/kg	2.33	0.226	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Potassium, Total	2150		mg/kg	233	13.4	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Selenium, Total	0.458	J	mg/kg	1.87	0.241	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.934	0.264	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Sodium, Total	516		mg/kg	187	2.94	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.87	0.294	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Vanadium, Total	28.2		mg/kg	0.934	0.190	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD
Zinc, Total	33.9		mg/kg	4.67	0.274	2	11/21/20 08:11	11/23/20 12:45	EPA 3050B	1,6010D	GD



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08

Date Collected: 11/18/20 11:15

Client ID: TW-4

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	236.		mg/l	0.100	0.0327	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.04000	0.00429	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Arsenic, Total	0.03043		mg/l	0.00500	0.00165	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Barium, Total	4.612		mg/l	0.00500	0.00173	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Beryllium, Total	0.02189		mg/l	0.00500	0.00107	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00117	J	mg/l	0.00200	0.00059	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Calcium, Total	323.		mg/l	1.00	0.394	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Chromium, Total	0.7479		mg/l	0.01000	0.00178	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Cobalt, Total	0.3013		mg/l	0.00500	0.00163	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Copper, Total	1.617		mg/l	0.01000	0.00384	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Iron, Total	542.		mg/l	0.700	0.191	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Lead, Total	0.3516		mg/l	0.01000	0.00343	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Magnesium, Total	170.		mg/l	0.700	0.242	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Manganese, Total	12.05		mg/l	0.01000	0.00440	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00200	0.00091	1	11/21/20 06:28	11/23/20 11:37	EPA 7470A	1,7470A	EW
Nickel, Total	1.036		mg/l	0.02000	0.00556	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Potassium, Total	184.		mg/l	1.00	0.309	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Selenium, Total	0.0185	J	mg/l	0.0500	0.0173	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00400	0.00163	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Sodium, Total	636.		mg/l	1.00	0.293	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Thallium, Total	0.00689	J	mg/l	0.01000	0.00143	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Vanadium, Total	0.5850		mg/l	0.05000	0.01570	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Zinc, Total	1.016		mg/l	0.1000	0.03410	5	11/21/20 05:44	11/23/20 09:07	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00652	J	mg/l	0.0100	0.00327	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00068	J	mg/l	0.00400	0.00042	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00024	J	mg/l	0.00050	0.00016	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1671		mg/l	0.00050	0.00017	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08

Date Collected: 11/18/20 11:15

Client ID: TW-4

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Calcium, Dissolved	131.		mg/l	0.100	0.0394	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00911		mg/l	0.00050	0.00016	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.0227	J	mg/l	0.0500	0.0191	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	53.2		mg/l	0.0700	0.0242	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Manganese, Dissolved	2.281		mg/l	0.00100	0.00044	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/20/20 21:46	11/23/20 11:00	EPA 7470A	1,7470A	EW
Nickel, Dissolved	0.03449		mg/l	0.00200	0.00055	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Potassium, Dissolved	23.6		mg/l	0.100	0.0309	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Sodium, Dissolved	615.		mg/l	5.00	1.46	50	11/20/20 20:24	11/23/20 10:27	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	11/20/20 20:24	11/23/20 09:21	EPA 3005A	1,6020B	AM



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09

Date Collected: 11/18/20 14:30

Client ID: TW-5

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13.9		mg/l	0.0500	0.0164	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.02000	0.00214	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00158	J	mg/l	0.00250	0.00082	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Barium, Total	0.2887		mg/l	0.00250	0.00086	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00096	J	mg/l	0.00250	0.00053	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00100	0.00029	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Calcium, Total	143.		mg/l	0.500	0.197	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Chromium, Total	0.03503		mg/l	0.00500	0.00089	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Cobalt, Total	0.01262		mg/l	0.00250	0.00081	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Copper, Total	0.03861		mg/l	0.00500	0.00192	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Iron, Total	33.7		mg/l	0.350	0.0955	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Lead, Total	0.01006		mg/l	0.00500	0.00171	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Magnesium, Total	146.		mg/l	0.350	0.121	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Manganese, Total	1.452		mg/l	0.00500	0.00220	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/21/20 06:28	11/23/20 11:39	EPA 7470A	1,7470A	EW
Nickel, Total	0.04679		mg/l	0.01000	0.00278	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Potassium, Total	16.0		mg/l	0.500	0.154	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.0250	0.00865	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00200	0.00081	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Sodium, Total	749.		mg/l	0.500	0.146	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00500	0.00071	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Vanadium, Total	0.02619		mg/l	0.02500	0.00785	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Zinc, Total	0.06552		mg/l	0.05000	0.01705	5	11/21/20 05:44	11/23/20 09:12	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0165	J	mg/l	0.0500	0.0164	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.02000	0.00214	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00250	0.00082	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1208		mg/l	0.00250	0.00086	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00250	0.00053	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09

Date Collected: 11/18/20 14:30

Client ID: TW-5

Date Received: 11/18/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00100	0.00029	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Calcium, Dissolved	134.		mg/l	0.500	0.197	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00500	0.00089	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00191	J	mg/l	0.00250	0.00081	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00500	0.00192	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.250	0.0955	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00500	0.00171	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	158.		mg/l	0.350	0.121	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.8789		mg/l	0.00500	0.00220	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/20/20 21:46	11/23/20 11:07	EPA 7470A	1,7470A	EW
Nickel, Dissolved	0.00641	J	mg/l	0.01000	0.00278	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Potassium, Dissolved	11.4		mg/l	0.500	0.154	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.0250	0.00865	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00200	0.00081	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Sodium, Dissolved	880.		mg/l	0.500	0.146	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00250	0.00071	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.02500	0.00785	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.05000	0.01705	5	11/20/20 20:24	11/23/20 09:16	EPA 3005A	1,6020B	AM



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 08-09 Batch: WG1436766-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Iron, Total	0.0216	J	mg/l	0.0700	0.0191	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Thallium, Total	0.00019	J	mg/l	0.00100	0.00014	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	11/21/20 05:44	11/23/20 08:38	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 08-09 Batch: WG1436767-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/21/20 06:28	11/23/20 11:09	1,7470A	EW



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 08-09 Batch: WG1436769-1										
Aluminum, Dissolved	0.00477	J	mg/l	0.0100	0.00327	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Sodium, Dissolved	0.0456	J	mg/l	0.100	0.0293	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	11/20/20 20:24	11/23/20 08:40	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 08-09 Batch: WG1436771-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/20/20 21:46	11/23/20 10:56	1,7470A	EW

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1436842-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Antimony, Total	0.216	J	mg/kg	2.00	0.152	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Arsenic, Total	0.124	J	mg/kg	0.400	0.083	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Chromium, Total	0.116	J	mg/kg	0.400	0.038	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Iron, Total	ND		mg/kg	2.00	0.361	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Lead, Total	0.116	J	mg/kg	2.00	0.107	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Manganese, Total	ND		mg/kg	0.400	0.064	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Potassium, Total	ND		mg/kg	100	5.76	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Selenium, Total	0.120	J	mg/kg	0.800	0.103	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Sodium, Total	ND		mg/kg	80.0	1.26	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/21/20 08:11	11/23/20 10:39	1,6010D	GD

Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1436844-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	11/21/20 09:08	11/23/20 09:04	1,7471B	EW

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 08-09 Batch: WG1436766-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	97		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	108		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	97		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	108		-		80-120	-		
Manganese, Total	95		-		80-120	-		
Nickel, Total	94		-		80-120	-		
Potassium, Total	108		-		80-120	-		
Selenium, Total	105		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-09 Batch: WG1436766-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 08-09 Batch: WG1436767-2					
Mercury, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08-09 Batch: WG1436769-2					
Aluminum, Dissolved	92	-	80-120	-	
Antimony, Dissolved	91	-	80-120	-	
Arsenic, Dissolved	100	-	80-120	-	
Barium, Dissolved	95	-	80-120	-	
Beryllium, Dissolved	94	-	80-120	-	
Cadmium, Dissolved	100	-	80-120	-	
Calcium, Dissolved	100	-	80-120	-	
Chromium, Dissolved	92	-	80-120	-	
Cobalt, Dissolved	93	-	80-120	-	
Copper, Dissolved	96	-	80-120	-	
Iron, Dissolved	95	-	80-120	-	
Lead, Dissolved	100	-	80-120	-	
Magnesium, Dissolved	100	-	80-120	-	
Manganese, Dissolved	91	-	80-120	-	
Nickel, Dissolved	89	-	80-120	-	
Potassium, Dissolved	98	-	80-120	-	
Selenium, Dissolved	99	-	80-120	-	
Silver, Dissolved	99	-	80-120	-	
Sodium, Dissolved	100	-	80-120	-	
Thallium, Dissolved	98	-	80-120	-	
Vanadium, Dissolved	93	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08-09 Batch: WG1436769-2					
Zinc, Dissolved	100	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 08-09 Batch: WG1436771-2					
Mercury, Dissolved	107	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1436842-2 SRM Lot Number: D109-540					
Aluminum, Total	69	-	50-150	-	
Antimony, Total	140	-	19-250	-	
Arsenic, Total	102	-	70-130	-	
Barium, Total	90	-	75-125	-	
Beryllium, Total	89	-	75-125	-	
Cadmium, Total	99	-	75-125	-	
Calcium, Total	88	-	73-128	-	
Chromium, Total	94	-	70-130	-	
Cobalt, Total	100	-	75-125	-	
Copper, Total	92	-	75-125	-	
Iron, Total	97	-	35-165	-	
Lead, Total	99	-	72-128	-	
Magnesium, Total	89	-	62-138	-	
Manganese, Total	89	-	74-126	-	
Nickel, Total	101	-	70-130	-	
Potassium, Total	81	-	59-141	-	
Selenium, Total	105	-	68-132	-	
Silver, Total	98	-	68-131	-	
Sodium, Total	95	-	35-165	-	
Thallium, Total	96	-	68-131	-	
Vanadium, Total	102	-	59-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1436842-2 SRM Lot Number: D109-540					
Zinc, Total	101	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1436844-2 SRM Lot Number: D109-540					
Mercury, Total	88	-	60-140	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436766-3 WG1436766-4 QC Sample: L2049380-02 Client ID: MS Sample												
Aluminum, Total	0.007J	2	1.91	96		1.98	99		75-125	4		20
Antimony, Total	0.00064J	0.5	0.5354	107		0.5290	106		75-125	1		20
Arsenic, Total	0.00872	0.12	0.1319	103		0.1315	102		75-125	0		20
Barium, Total	0.2135	2	2.176	98		2.176	98		75-125	0		20
Beryllium, Total	0.00040J	0.05	0.05213	104		0.05096	102		75-125	2		20
Cadmium, Total	ND	0.051	0.05444	107		0.05382	106		75-125	1		20
Calcium, Total	57.1	10	63.5	64	Q	64.7	76		75-125	2		20
Chromium, Total	0.00114	0.2	0.1893	94		0.1900	94		75-125	0		20
Cobalt, Total	0.00216	0.5	0.4812	96		0.4796	95		75-125	0		20
Copper, Total	0.00062J	0.25	0.2436	97		0.2484	99		75-125	2		20
Iron, Total	11.9	1	12.3	40	Q	12.2	30	Q	75-125	1		20
Lead, Total	ND	0.51	0.5188	102		0.5191	102		75-125	0		20
Magnesium, Total	18.5	10	27.7	92		28.3	98		75-125	2		20
Manganese, Total	1.129	0.5	1.565	87		1.568	88		75-125	0		20
Nickel, Total	0.00930	0.5	0.4725	93		0.4666	91		75-125	1		20
Potassium, Total	57.8	10	68.5	107		69.7	119		75-125	2		20
Selenium, Total	ND	0.12	0.132	110		0.128	107		75-125	3		20
Silver, Total	ND	0.05	0.05070	101		0.05057	101		75-125	0		20
Sodium, Total	96.3	10	97.0	7	Q	99.4	31	Q	75-125	2		20
Thallium, Total	0.00027J	0.12	0.1268	106		0.1238	103		75-125	2		20
Vanadium, Total	ND	0.5	0.4788	96		0.4771	95		75-125	0		20

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436766-3 WG1436766-4 QC Sample: L2049380-02 Client ID: MS Sample									
Zinc, Total	0.01392	0.5	0.5296	103	0.5241	102	75-125	1	20

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436766-7 WG1436766-8 QC Sample: L2049397-02 Client ID: MS Sample									
Aluminum, Total	0.007J	2	1.91	96	1.98	99	75-125	4	20
Antimony, Total	0.0006J	0.5	0.5354	107	0.5290	106	75-125	1	20
Arsenic, Total	0.00872	0.12	0.1319	103	0.1315	102	75-125	0	20
Barium, Total	0.2135	2	2.176	98	2.176	98	75-125	0	20
Beryllium, Total	0.00040J	0.05	0.05213	104	0.05096	102	75-125	2	20
Cadmium, Total	ND	0.051	0.05444	107	0.05382	106	75-125	1	20
Calcium, Total	57.1	10	63.5	64	Q 64.7	76	75-125	2	20
Chromium, Total	0.00114	0.2	0.1893	94	0.1900	94	75-125	0	20
Cobalt, Total	0.0022	0.5	0.4812	96	0.4796	95	75-125	0	20
Copper, Total	0.0006J	0.25	0.2436	97	0.2484	99	75-125	2	20
Iron, Total	11.9	1	12.3	40	Q 12.2	30	Q 75-125	1	20
Lead, Total	ND	0.51	0.5188	102	0.5191	102	75-125	0	20
Magnesium, Total	18.5	10	27.7	92	28.3	98	75-125	2	20
Manganese, Total	1.129	0.5	1.565	87	1.568	88	75-125	0	20
Nickel, Total	0.00930	0.5	0.4725	93	0.4666	91	75-125	1	20
Potassium, Total	57.8	10	68.5	107	69.7	119	75-125	2	20
Selenium, Total	ND	0.12	0.132	110	0.128	107	75-125	3	20
Silver, Total	ND	0.05	0.05070	101	0.05057	101	75-125	0	20
Sodium, Total	96.3	10	97.0	7	Q 99.4	31	Q 75-125	2	20
Thallium, Total	0.0003J	0.12	0.1268	106	0.1238	103	75-125	2	20
Vanadium, Total	ND	0.5	0.4788	96	0.4771	95	75-125	0	20

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436766-7 WG1436766-8 QC Sample: L2049397-02 Client ID: MS Sample									
Zinc, Total	0.0139	0.5	0.5296	103	0.5241	102	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436767-3 WG1436767-4 QC Sample: L2049380-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00429	86	0.00419	84	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436767-5 WG1436767-6 QC Sample: L2049397-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00429	86	0.00419	84	75-125	2	20

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436769-3 QC Sample: L2051312-09 Client ID: TW-5									
Aluminum, Dissolved	0.0165J	2	1.88	94	-	-	75-125	-	20
Antimony, Dissolved	ND	0.5	0.5446	109	-	-	75-125	-	20
Arsenic, Dissolved	ND	0.12	0.1214	101	-	-	75-125	-	20
Barium, Dissolved	0.1208	2	2.066	97	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.04753	95	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05091	100	-	-	75-125	-	20
Calcium, Dissolved	134.	10	141	70	Q	-	75-125	-	20
Chromium, Dissolved	ND	0.2	0.1868	93	-	-	75-125	-	20
Cobalt, Dissolved	0.00191J	0.5	0.4833	97	-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2373	95	-	-	75-125	-	20
Iron, Dissolved	ND	1	1.00	100	-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.5157	101	-	-	75-125	-	20
Magnesium, Dissolved	158.	10	165	70	Q	-	75-125	-	20
Manganese, Dissolved	0.8789	0.5	1.337	92	-	-	75-125	-	20
Nickel, Dissolved	0.00641J	0.5	0.4624	92	-	-	75-125	-	20
Potassium, Dissolved	11.4	10	21.7	103	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.126	105	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04965	99	-	-	75-125	-	20
Sodium, Dissolved	880.	10	874	0	Q	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1212	101	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4670	93	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436769-3 QC Sample: L2051312-09 Client ID: TW-5									
Zinc, Dissolved	ND	0.5	0.4818	96	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436771-3 QC Sample: L2051312-08 Client ID: TW-4									
Mercury, Dissolved	ND	0.005	0.00498	100	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436842-3 QC Sample: L2051312-01 Client ID: S-12 (3-4)									
Aluminum, Total	6890	177	8000	628	Q	-	75-125	-	20
Antimony, Total	ND	44.2	34.2	77		-	75-125	-	20
Arsenic, Total	3.88	10.6	13.4	90		-	75-125	-	20
Barium, Total	95.6	177	293	112		-	75-125	-	20
Beryllium, Total	ND	4.42	3.69	84		-	75-125	-	20
Cadmium, Total	0.647J	4.5	4.94	110		-	75-125	-	20
Calcium, Total	53100	883	41700	0	Q	-	75-125	-	20
Chromium, Total	11.2	17.7	27.5	92		-	75-125	-	20
Cobalt, Total	5.51	44.2	43.0	85		-	75-125	-	20
Copper, Total	21.8	22.1	43.2	97		-	75-125	-	20
Iron, Total	10800	88.3	9870	0	Q	-	75-125	-	20
Lead, Total	99.2	45	158	130	Q	-	75-125	-	20
Magnesium, Total	15800	883	11800	0	Q	-	75-125	-	20
Manganese, Total	212	44.2	208	0	Q	-	75-125	-	20
Nickel, Total	10.7	44.2	45.5	79		-	75-125	-	20
Potassium, Total	1400	883	2560	131	Q	-	75-125	-	20
Selenium, Total	ND	10.6	10.8	102		-	75-125	-	20
Silver, Total	ND	26.5	27.3	103		-	75-125	-	20
Sodium, Total	846	883	1830	111		-	75-125	-	20
Thallium, Total	ND	10.6	9.07	86		-	75-125	-	20
Vanadium, Total	24.9	44.2	65.4	92		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436842-3 QC Sample: L2051312-01 Client ID: S-12 (3-4)									
Zinc, Total	101	44.2	144	97	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436844-3 QC Sample: L2051312-01 Client ID: S-12 (3-4)									
Mercury, Total	ND	0.151	0.157	104	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436769-4 QC Sample: L2051312-09 Client ID: TW-5						
Aluminum, Dissolved	0.0165J	ND	mg/l	NC		20
Antimony, Dissolved	ND	0.00259J	mg/l	NC		20
Arsenic, Dissolved	ND	ND	mg/l	NC		20
Barium, Dissolved	0.1208	0.1192	mg/l	1		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	134.	133	mg/l	1		20
Chromium, Dissolved	ND	ND	mg/l	NC		20
Cobalt, Dissolved	0.00191J	0.00152J	mg/l	NC		20
Copper, Dissolved	ND	ND	mg/l	NC		20
Iron, Dissolved	ND	ND	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Magnesium, Dissolved	158.	153	mg/l	3		20
Manganese, Dissolved	0.8789	0.8512	mg/l	3		20
Nickel, Dissolved	0.00641J	0.00623J	mg/l	NC		20
Potassium, Dissolved	11.4	11.2	mg/l	2		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	880.	859	mg/l	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436769-4 QC Sample: L2051312-09 Client ID: TW-5					
Thallium, Dissolved	ND	0.00159J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 08-09 QC Batch ID: WG1436771-4 QC Sample: L2051312-08 Client ID: TW-4					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436842-4 QC Sample: L2051312-01 Client ID: S-12 (3-4)					
Aluminum, Total	6890	7990	mg/kg	15	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	3.88	2.65	mg/kg	38 Q	20
Barium, Total	95.6	107	mg/kg	11	20
Beryllium, Total	ND	ND	mg/kg	NC	20
Cadmium, Total	0.647J	0.615J	mg/kg	NC	20
Chromium, Total	11.2	13.7	mg/kg	20	20
Cobalt, Total	5.51	8.21	mg/kg	39 Q	20
Copper, Total	21.8	24.1	mg/kg	10	20
Iron, Total	10800	12700	mg/kg	16	20
Lead, Total	99.2	67.8	mg/kg	38 Q	20
Magnesium, Total	15800	13500	mg/kg	16	20
Manganese, Total	212	254	mg/kg	18	20
Nickel, Total	10.7	14.2	mg/kg	28 Q	20
Potassium, Total	1400	2540	mg/kg	58 Q	20
Selenium, Total	ND	0.496J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	846	671	mg/kg	23 Q	20
Thallium, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436842-4 QC Sample: L2051312-01 Client ID: S-12 (3-4)					
Vanadium, Total	24.9	26.8	mg/kg	7	20
Zinc, Total	101	88.2	mg/kg	14	20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436842-4 QC Sample: L2051312-01 Client ID: S-12 (3-4)					
Calcium, Total	53100	46000	mg/kg	14	20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1436844-4 QC Sample: L2051312-01 Client ID: S-12 (3-4)					
Mercury, Total	ND	0.070J	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-01
Client ID: S-12 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 08:40
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	11/19/20 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	11/19/20 17:50	11/20/20 14:15	1,9010C/9012B	CR



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-02
Client ID: S-13 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:00
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	11/19/20 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	11/19/20 17:50	11/20/20 14:18	1,9010C/9012B	CR



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-03
Client ID: S-14 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 09:10
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	11/19/20 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	11/19/20 17:50	11/20/20 14:19	1,9010C/9012B	CR



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-04
Client ID: S-15 (5-6)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	11/19/20 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	11/19/20 17:50	11/20/20 14:20	1,9010C/9012B	CR



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-05
Client ID: S-16 (4-5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	11/19/20 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	11/19/20 17:50	11/20/20 14:47	1,9010C/9012B	CR



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-06
Client ID: S-17 (2-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 12:50
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	11/19/20 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	11/19/20 17:50	11/20/20 14:48	1,9010C/9012B	CR



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-07
Client ID: S-18 (3-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 13:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	11/19/20 09:51	121,2540G	RI
Cyanide, Total	0.37	J	mg/kg	1.1	0.24	1	11/19/20 17:50	11/20/20 14:23	1,9010C/9012B	CR



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-08
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 11:15
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	11/19/20 21:20	11/20/20 13:24	1,9010C/9012B	CR



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

SAMPLE RESULTS

Lab ID: L2051312-09
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 11/18/20 14:30
Date Received: 11/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.004	J	mg/l	0.005	0.001	1	11/19/20 21:20	11/20/20 13:25	1,9010C/9012B	CR



Project Name: 329 HUGUENOT ST

Lab Number: L2051312

Project Number: 11571

Report Date: 11/23/20

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1436277-1									
Cyanide, Total	ND	mg/kg	0.98	0.21	1	11/19/20 17:50	11/20/20 14:44	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 08-09 Batch: WG1436376-1									
Cyanide, Total	ND	mg/l	0.005	0.001	1	11/19/20 21:20	11/20/20 14:43	1,9010C/9012B	CR

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1436277-2 WG1436277-3								
Cyanide, Total	85		92		80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 08-09 Batch: WG1436376-2 WG1436376-3								
Cyanide, Total	100		100		85-115	0		20

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1436277-4 WG1436277-5 QC Sample: L2051312-01 Client ID: S-12 (3-4)												
Cyanide, Total	ND	11	10	91		9.7	89		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 08-09 QC Batch ID: WG1436376-4 WG1436376-5 QC Sample: L2051055-03 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.123	62	Q	0.121	60	Q	80-120	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT ST

Project Number: 11571

Lab Number: L2051312

Report Date: 11/23/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1436057-1 QC Sample: L2051181-01 Client ID: DUP Sample						
Solids, Total	86.6	86.4	%	0		20

Project Name: 329 HUGUENOT ST
Project Number: 11571

Serial_No:11232018:59
Lab Number: L2051312
Report Date: 11/23/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2051312-01A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-01B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-01C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-01D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2051312-01E	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		TS(7)
L2051312-01F	Plastic 8oz unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051312-01G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2051312-01H	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2051312-01X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-01Y	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-01Z	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-02A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-02B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-02C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-02D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2051312-02E	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		TS(7)
L2051312-02F	Plastic 8oz unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days



Project Name: 329 HUGUENOT ST
Project Number: 11571

Serial_No:11232018:59
Lab Number: L2051312
Report Date: 11/23/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2051312-02G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2051312-02H	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2051312-02X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-02Y	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-02Z	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-03A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-03B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-03C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-03D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2051312-03E	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		TS(7)
L2051312-03F	Plastic 8oz unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051312-03G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2051312-03H	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2051312-03X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-03Y	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-03Z	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-04A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-04B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-04C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-04D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2051312-04E	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		TS(7)
L2051312-04F	Plastic 8oz unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2051312-04G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2051312-04H	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2051312-04X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-04Y	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-04Z	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-05A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-05B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-05C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-05D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2051312-05E	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		TS(7)
L2051312-05F	Plastic 8oz unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051312-05G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2051312-05H	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2051312-05X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-05Y	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-05Z	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-06A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-06B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-06C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-06D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2051312-06E	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		TS(7)
L2051312-06F	Plastic 8oz unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2051312-06G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2051312-06H	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2051312-06X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-06Y	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-06Z	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-07A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-07B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-07C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-07D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2051312-07E	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		TS(7)
L2051312-07F	Plastic 8oz unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051312-07G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2051312-07H	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2051312-07X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2051312-07Y	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-07Z	Vial Water preserved split	A	NA		5.4	Y	Absent	19-NOV-20 07:31	NYTCL-8260HLW(14)
L2051312-08A	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)
L2051312-08B	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)
L2051312-08C	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)
L2051312-08D	Plastic 250ml unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051312-08E	Plastic 250ml unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051312-08F	Plastic 250ml NaOH preserved	A	>12	>12	5.4	Y	Absent		TCN-9010(14)
L2051312-08G	Plastic 250ml unpreserved	A	7	7	5.4	Y	Absent		-

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2051312-08H	Plastic 250ml HNO3 preserved	A	<2	<2	5.4	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2051312-08I	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8082-LVI(7)
L2051312-08J	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8082-LVI(7)
L2051312-08K	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8081(7)
L2051312-08L	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8081(7)
L2051312-08M	Amber 250ml unpreserved	A	7	7	5.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2051312-08N	Amber 250ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2051312-08X	Plastic 120ml HNO3 preserved Filtrates	A	NA		5.4	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),CO-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),PB-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2051312-09A	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)
L2051312-09B	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)
L2051312-09C	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)
L2051312-09D	Plastic 250ml unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051312-09E	Plastic 250ml unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051312-09F	Plastic 250ml NaOH preserved	A	>12	>12	5.4	Y	Absent		TCN-9010(14)
L2051312-09G	Plastic 250ml unpreserved	A	7	7	5.4	Y	Absent		-
L2051312-09H	Plastic 250ml HNO3 preserved	A	<2	<2	5.4	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2051312-09I	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8082-LVI(7)
L2051312-09J	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8082-LVI(7)
L2051312-09K	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8081(7)
L2051312-09L	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8081(7)
L2051312-09M	Amber 250ml unpreserved	A	7	7	5.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2051312-09N	Amber 250ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2051312-09X	Plastic 120ml HNO3 preserved Filtrates	A	NA		5.4	Y	Absent		K-6020S(180),V-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),NI-6020S(180),NA-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2051312-10A	Plastic 250ml unpreserved	B	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)

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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-Chloroeicosafuoro-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	PFEEESA	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.

Report Format: DU Report with 'J' Qualifiers



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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. 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.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers



Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

Data Qualifiers

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.

Project Name: 329 HUGUENOT ST
Project Number: 11571

Lab Number: L2051312
Report Date: 11/23/20

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



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 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

EPA TO-12 Non-methane organics

EPA 3C Fixed gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 <p>NEW YORK CHAIN OF CUSTODY</p> <p>Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193</p> <p>Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288</p>	<p>Service Centers</p> <p>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105</p>	<p>Page</p> <p>1 of 1</p>	<p>Date Rec'd in Lab</p> <p>11/19/20</p>	<p>ALPHA Job #</p> <p>L 2051312</p>																																																																																																																								
	<p>Project Information</p> <p>Project Name: 329 Huguenot St Project Location: New Rochelle, NY Project # 11571 (Use Project name as Project #) <input type="checkbox"/></p> <p>Project Manager: Jesse Mausner ALPHAQuote #: Turn-Around Time Standard <input type="checkbox"/> Due Date: 3 DAY Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: 3 DAY</p>	<p>Deliverables</p> <p><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQuIS (1 File) <input type="checkbox"/> EQuIS (4 File) <input type="checkbox"/> Other</p>	<p>Billing Information</p> <p><input checked="" type="checkbox"/> Same as Client Info PO # 11571 Phase 1</p>																																																																																																																									
<p>Client Information</p> <p>Client: SESI Address: 129 Maple Ave Pine Brook, NJ Phone: 973 808 9050 Fax: Email: JAM@sesi.org</p>	<p>Regulatory Requirement</p> <p><input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input checked="" type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge</p>	<p>Disposal Site Information</p> <p>Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:</p>																																																																																																																										
<p>These samples have been previously analyzed by Alpha <input type="checkbox"/></p> <p>Other project specific requirements/comments:</p> <p>Please specify Metals or TAL.</p>	<p>ANALYSIS</p> <p>T(L+30)/TAL PFAS(537) 1.4 Dioxane (8270 S.M.) Dissolved Metals TAL</p>		<p>Sample Filtration</p> <p><input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)</p>																																																																																																																									
<table border="1"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">T(L+30)/TAL</th> <th rowspan="2">PFAS(537)</th> <th rowspan="2">1.4 Dioxane (8270 S.M.)</th> <th rowspan="2">Dissolved Metals TAL</th> <th rowspan="2">Total Bottle</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>51312-01</td><td>S-12 (3-4)</td><td>11/18/20</td><td>840</td><td>Soil</td><td>JCS</td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>-02</td><td>S-13 (5-6)</td><td></td><td>900</td><td></td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>-03</td><td>S-14 (4-5)</td><td></td><td>910</td><td></td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>-04</td><td>S-15 (5-6)</td><td></td><td>1215</td><td></td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>-05</td><td>S-16 (4-5)</td><td></td><td>1230</td><td></td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>-06</td><td>S-17 (2-3)</td><td></td><td>1250</td><td></td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>-07</td><td>S-18 (3-4)</td><td></td><td>1315</td><td></td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>-08</td><td>TW-4</td><td></td><td>1115</td><td>GW</td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr> <tr><td>-09</td><td>TW-5</td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr> <tr><td>-10</td><td>FB</td><td></td><td>1340</td><td>DI</td><td></td><td></td><td>X</td><td></td><td></td><td></td></tr> </tbody> </table>	ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	T(L+30)/TAL	PFAS(537)	1.4 Dioxane (8270 S.M.)	Dissolved Metals TAL	Total Bottle	Date	Time	51312-01	S-12 (3-4)	11/18/20	840	Soil	JCS	X	X	X			-02	S-13 (5-6)		900			X	X	X			-03	S-14 (4-5)		910			X	X	X			-04	S-15 (5-6)		1215			X	X	X			-05	S-16 (4-5)		1230			X	X	X			-06	S-17 (2-3)		1250			X	X	X			-07	S-18 (3-4)		1315			X	X	X			-08	TW-4		1115	GW		X	X	X	X		-09	TW-5					X	X	X	X		-10	FB		1340	DI			X				<p>Sample Specific Comments</p>
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<p>Preservative Code: A = None B = HCl C = HNO₃ D = H₂SO₄ E = NaOH F = MeOH G = NaHSO₄ H = Na₂S₂O₃ K/E = Zn Ac/NaOH O = Other</p> <p>Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle</p> <p>Westboro: Certification No: MA935 Mansfield: Certification No: MA015</p>	<p>Container Type</p> <p>AE P</p> <p>Preservative</p> <p>AB CF</p>	<p>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.)</p>																																																																																																																										
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ANALYTICAL REPORT

Lab Number:	L2051740
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Jesse Mausner
Phone:	(973) 808-9050
Project Name:	329 HUGUENOT
Project Number:	11571
Report Date:	11/30/20

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-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: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2051740-01	S-19 (2-3)	SOIL	NEW ROCHELLE, NY	11/19/20 08:45	11/19/20
L2051740-02	S-20 (4-5)	SOIL	NEW ROCHELLE, NY	11/19/20 09:00	11/19/20
L2051740-03	S-21 (3-4)	SOIL	NEW ROCHELLE, NY	11/19/20 09:20	11/19/20
L2051740-04	TW-6	WATER	NEW ROCHELLE, NY	11/19/20 12:00	11/19/20
L2051740-05	FB	FIELD BLANK	NEW ROCHELLE, NY	11/19/20 12:15	11/19/20

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Case Narrative

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

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

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

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

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

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

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Case Narrative (continued)

Report Submission

November 30, 2020: This final report includes the results of all requested analyses.

November 24, 2020: This is a preliminary report.

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

Volatile Organics

L2051740-04: The pH of the sample was greater than two; however, the sample was analyzed within the method required holding time.

Semivolatile Organics

The WG1436954-3 LCSD recovery, associated with L2051740-04, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Perfluorinated Alkyl Acids by Isotope Dilution

L2051740-04: The sample was re-extracted within holding time due to QC failures in the original extraction.

The results of the re-extraction are reported.

L2051740-04: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2051740-04, -05, WG1436741-1, and WG1436741-2/-3: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).

The Extracted Internal Standard recovery for the WG1437404-1 Method Blank, associated with L2051740-01 through -03, is below the acceptance criteria for Perfluoro[13C8]Octanesulfonamide (M8FOSA) (less than 10%); however, all associated samples are non-detect for Perfluorooctanesulfonamide (FOSA) and have an

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Case Narrative (continued)

acceptable Extracted Internal Standard recovery for M8FOSA; therefore, no further actions were taken.

The WG1437404-2/-3 LCS/LCSD recoveries, associated with L2051740-01 through -03, are above the acceptance criteria for 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2fts) (LCSD 138%) and perfluorotetradecanoic acid (pfta) (LCS 136%); however, the associated samples are non-detect to the RL for these target analytes. The results of the original analysis are reported.

WG1437404-2/-3: The Extracted Internal Standard recoveries are below the acceptance criteria for Perfluoro[13C8]Octanesulfonamide (M8FOSA) (less than 10%).

Total Metals

L2051740-01, -02, and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

L2051740-04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the high concentrations of target elements.

The WG1437599-1 Method Blank, associated with L2051740-01 through -03, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

The WG1437553-3 MS recoveries for aluminum (1320%), calcium (415%), iron (3220%), lead (233%), magnesium (210%), and sodium (250%), performed on L2051740-04, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1437553-3 MS recoveries, performed on L2051740-04, are outside the acceptance criteria for antimony (27%), chromium (129%), manganese (171%), potassium (168%), selenium (70%), and zinc (285%). A post digestion spike was performed and was within acceptance criteria.

The WG1437553-4 Laboratory Duplicate RPDs for aluminum (89%), arsenic (78%), barium (107%), beryllium (63%), cadmium (27%), chromium (60%), cobalt (53%), copper (59%), iron (94%), manganese (32%), nickel (57%), potassium (59%), vanadium (52%), and zinc (47%), performed on L2051740-04, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Case Narrative (continued)

Dissolved Metals

The WG1437555-3 MS recoveries for calcium (200%), magnesium (60%), and sodium (0%), performed on L2051740-04, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1437555-4 Laboratory Duplicate RPD for copper (108%), performed on L2051740-04, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Cyanide, Total

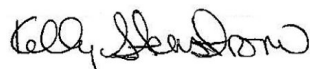
The WG1437608-2/-3 LCS/LCSD recoveries for cyanide, total (31%/57%), associated with L2051740-01 and -02, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD is above the acceptance criteria for cyanide, total (55%).

The WG1437609-2/-3 LCS/LCSD recoveries for cyanide, total (31%/56%), associated with L2051740-03, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD is above the acceptance criteria for cyanide, total (55%).

WG1437609: A Matrix Spike and Laboratory Duplicate were prepared with the sample batch, however, the native sample was not available for reporting; therefore, the results could not be reported.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 11/30/20

ORGANICS

VOLATILES

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-01
 Client ID: S-19 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 08:45
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/21/20 15:14
 Analyst: JC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-01
 Client ID: S-19 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 08:45
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-01
 Client ID: S-19 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 08:45
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02
 Client ID: S-20 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/21/20 15:40
 Analyst: JC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02
 Client ID: S-20 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.79	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02
 Client ID: S-20 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	97	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-03
 Client ID: S-21 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:20
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/21/20 16:06
 Analyst: JC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-03
 Client ID: S-21 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:20
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	2.6	J	ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-03
 Client ID: S-21 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:20
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

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

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04
 Client ID: TW-6
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 11/21/20 19:39
 Analyst: AJK

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

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04
 Client ID: TW-6
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	8.3		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04
 Client ID: TW-6
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

Total TIC Compounds	1.30	J	ug/l			1
Nonanal	1.30	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/21/20 10:29
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1437376-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/21/20 10:29
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1437376-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/21/20 10:29
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1437376-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	18.0	J	ug/kg
Unknown	18.0	J	ug/kg

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/21/20 10:29
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1437376-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/21/20 19:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1437699-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/21/20 19:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1437699-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	2.4	J	ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/21/20 19:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1437699-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/21/20 19:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1437699-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1437376-3 WG1437376-4								
Methylene chloride	102		99		70-130	3		30
1,1-Dichloroethane	106		104		70-130	2		30
Chloroform	103		101		70-130	2		30
Carbon tetrachloride	105		102		70-130	3		30
1,2-Dichloropropane	101		101		70-130	0		30
Dibromochloromethane	93		93		70-130	0		30
1,1,2-Trichloroethane	92		92		70-130	0		30
Tetrachloroethene	109		105		70-130	4		30
Chlorobenzene	100		97		70-130	3		30
Trichlorofluoromethane	77		74		70-139	4		30
1,2-Dichloroethane	100		100		70-130	0		30
1,1,1-Trichloroethane	100		98		70-130	2		30
Bromodichloromethane	90		90		70-130	0		30
trans-1,3-Dichloropropene	97		96		70-130	1		30
cis-1,3-Dichloropropene	99		99		70-130	0		30
1,1-Dichloropropene	111		108		70-130	3		30
Bromoform	88		89		70-130	1		30
1,1,2,2-Tetrachloroethane	86		87		70-130	1		30
Benzene	104		102		70-130	2		30
Toluene	103		99		70-130	4		30
Ethylbenzene	100		97		70-130	3		30
Chloromethane	123		116		52-130	6		30
Bromomethane	112		108		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1437376-3 WG1437376-4								
Vinyl chloride	92		88		67-130	4		30
Chloroethane	81		78		50-151	4		30
1,1-Dichloroethene	119		114		65-135	4		30
trans-1,2-Dichloroethene	110		106		70-130	4		30
Trichloroethene	102		100		70-130	2		30
1,2-Dichlorobenzene	97		95		70-130	2		30
1,3-Dichlorobenzene	98		96		70-130	2		30
1,4-Dichlorobenzene	97		95		70-130	2		30
Methyl tert butyl ether	100		101		66-130	1		30
p/m-Xylene	101		98		70-130	3		30
o-Xylene	99		96		70-130	3		30
cis-1,2-Dichloroethene	102		101		70-130	1		30
Dibromomethane	96		97		70-130	1		30
Styrene	97		95		70-130	2		30
Dichlorodifluoromethane	130		124		30-146	5		30
Acetone	109		96		54-140	13		30
Carbon disulfide	118		113		59-130	4		30
2-Butanone	91		93		70-130	2		30
Vinyl acetate	99		99		70-130	0		30
4-Methyl-2-pentanone	82		84		70-130	2		30
1,2,3-Trichloropropane	92		93		68-130	1		30
2-Hexanone	74		77		70-130	4		30
Bromochloromethane	106		105		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1437376-3 WG1437376-4								
2,2-Dichloropropane	104		101		70-130	3		30
1,2-Dibromoethane	97		97		70-130	0		30
1,3-Dichloropropane	99		99		69-130	0		30
1,1,1,2-Tetrachloroethane	97		94		70-130	3		30
Bromobenzene	96		95		70-130	1		30
n-Butylbenzene	98		95		70-130	3		30
sec-Butylbenzene	98		95		70-130	3		30
tert-Butylbenzene	96		93		70-130	3		30
o-Chlorotoluene	96		94		70-130	2		30
p-Chlorotoluene	98		95		70-130	3		30
1,2-Dibromo-3-chloropropane	88		88		68-130	0		30
Hexachlorobutadiene	100		99		67-130	1		30
Isopropylbenzene	97		94		70-130	3		30
p-Isopropyltoluene	97		94		70-130	3		30
Naphthalene	87		90		70-130	3		30
Acrylonitrile	102		107		70-130	5		30
n-Propylbenzene	97		95		70-130	2		30
1,2,3-Trichlorobenzene	97		97		70-130	0		30
1,2,4-Trichlorobenzene	98		97		70-130	1		30
1,3,5-Trimethylbenzene	96		94		70-130	2		30
1,2,4-Trimethylbenzene	96		93		70-130	3		30
1,4-Dioxane	98		97		65-136	1		30
p-Diethylbenzene	98		94		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Project Number: 11571

Lab Number: L2051740

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1437376-3 WG1437376-4								
p-Ethyltoluene	99		96		70-130	3		30
1,2,4,5-Tetramethylbenzene	93		91		70-130	2		30
Ethyl ether	72		71		67-130	1		30
trans-1,4-Dichloro-2-butene	92		93		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	95		98		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1437699-3 WG1437699-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	120		120		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	100		99		70-130	1		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	99		98		70-130	1		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	100		100		54-136	0		20
1,1,1,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		99		70-130	1		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	120		110		64-130	9		20
Bromomethane	150	Q	180	Q	39-139	18		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1437699-3 WG1437699-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		99		55-138	11		20
1,1-Dichloroethene	100		97		61-145	3		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	120		120		70-130	0		20
1,4-Dichlorobenzene	120		110		70-130	9		20
Methyl tert butyl ether	97		95		63-130	2		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Dibromomethane	99		97		70-130	2		20
1,2,3-Trichloropropane	93		96		64-130	3		20
Acrylonitrile	97		100		70-130	3		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	100		87		58-148	14		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	90		84		63-138	7		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	83		83		59-130	0		20
2-Hexanone	86		89		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1437699-3 WG1437699-4								
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	100		110		63-133	10		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	110		110		70-130	0		20
n-Butylbenzene	120		120		53-136	0		20
sec-Butylbenzene	120		110		70-130	9		20
tert-Butylbenzene	120		120		70-130	0		20
o-Chlorotoluene	120		120		70-130	0		20
p-Chlorotoluene	120		120		70-130	0		20
1,2-Dibromo-3-chloropropane	78		82		41-144	5		20
Hexachlorobutadiene	130		130		63-130	0		20
Isopropylbenzene	120		110		70-130	9		20
p-Isopropyltoluene	120		120		70-130	0		20
Naphthalene	90		93		70-130	3		20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	120		110		70-130	9		20
1,3,5-Trimethylbenzene	120		110		64-130	9		20
1,2,4-Trimethylbenzene	120		110		70-130	9		20
1,4-Dioxane	84		56		56-162	40	Q	20
p-Diethylbenzene	120		120		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Project Number: 11571

Lab Number: L2051740

Report Date: 11/30/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1437699-3 WG1437699-4								
p-Ethyltoluene	120		120		70-130	0		20
1,2,4,5-Tetramethylbenzene	120		110		70-130	9		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	110		120		70-130	9		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	98		96		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	100		98		70-130

SEMIVOLATILES

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-01
 Client ID: S-19 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 08:45
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/23/20 15:13
 Analyst: EK
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 11/20/20 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	640		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-01
 Client ID: S-19 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 08:45
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	510		ug/kg	120	22.	1
Benzo(a)pyrene	450		ug/kg	160	48.	1
Benzo(b)fluoranthene	530		ug/kg	120	33.	1
Benzo(k)fluoranthene	140		ug/kg	120	31.	1
Chrysene	630		ug/kg	120	20.	1
Acenaphthylene	71	J	ug/kg	160	30.	1
Anthracene	60	J	ug/kg	120	38.	1
Benzo(ghi)perylene	290		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	370		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	73	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	160	27.	1
Pyrene	970		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-01
 Client ID: S-19 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 08:45
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	25	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.0	1

Tentatively Identified Compounds

Total TIC Compounds	2140	J	ug/kg			1
Unknown PAH	214	J	ug/kg			1
Unknown Ketone	179	J	ug/kg			1
Unknown	248	J	ug/kg			1
Unknown PAH	227	J	ug/kg			1
Unknown	261	J	ug/kg			1
Unknown PAH	210	J	ug/kg			1
Unknown	165	J	ug/kg			1
Unknown PAH	190	J	ug/kg			1
Unknown	256	J	ug/kg			1
Unknown PAH	189	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	75		18-120

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-01
 Client ID: S-19 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 08:45
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 11/24/20 01:16
 Analyst: SG
 Percent Solids: 85%

Extraction Method: ALPHA 23528
 Extraction Date: 11/23/20 09:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.517	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.517	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.517	0.040	1
Perfluorohexanoic Acid (PFHxA)	0.063	J	ug/kg	0.517	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.517	0.047	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.517	0.063	1
Perfluorooctanoic Acid (PFOA)	0.145	JF	ug/kg	0.517	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.517	0.186	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.517	0.141	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.517	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	2.02	F	ug/kg	0.517	0.134	1
Perfluorodecanoic Acid (PFDA)	0.125	J	ug/kg	0.517	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.517	0.297	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.517	0.208	1
Perfluoroundecanoic Acid (PFUnA)	0.068	J	ug/kg	0.517	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	0.784		ug/kg	0.517	0.158	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.517	0.101	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.517	0.087	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.517	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.517	0.211	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.517	0.056	1
PFOA/PFOS, Total	2.17	J	ug/kg	0.517	0.043	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-01

Date Collected: 11/19/20 08:45

Client ID: S-19 (2-3)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C4]Butanoic Acid (MPFBA)			92		60-153	
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)			104		65-182	
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)			91		70-151	
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)			95		61-147	
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)			102		62-149	
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)			105		63-166	
Perfluoro[13C8]Octanoic Acid (M8PFOA)			93		62-152	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)			134		32-182	
Perfluoro[13C9]Nonanoic Acid (M9PFNA)			92		61-154	
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)			94		65-151	
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)			92		65-150	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)			159		25-186	
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)			78		45-137	
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)			104		64-158	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			53		1-125	
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)			74		42-136	
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)			101		56-148	
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)			69		26-160	

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02
 Client ID: S-20 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/23/20 15:35
 Analyst: EK
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 11/20/20 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	45	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	1800		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	91	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	400		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02
 Client ID: S-20 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1000		ug/kg	110	22.	1
Benzo(a)pyrene	940		ug/kg	150	47.	1
Benzo(b)fluoranthene	1100		ug/kg	110	32.	1
Benzo(k)fluoranthene	370		ug/kg	110	30.	1
Chrysene	1200		ug/kg	110	20.	1
Acenaphthylene	320		ug/kg	150	29.	1
Anthracene	250		ug/kg	110	37.	1
Benzo(ghi)perylene	650		ug/kg	150	22.	1
Fluorene	85	J	ug/kg	190	18.	1
Phenanthrene	1300		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	150		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	600		ug/kg	150	27.	1
Pyrene	2000		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	51	J	ug/kg	190	18.	1
2-Methylnaphthalene	44	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02
 Client ID: S-20 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	120	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Tentatively Identified Compounds

Total TIC Compounds	4410	J	ug/kg			1
Unknown	480	J	ug/kg			1
Unknown Ketone	463	J	ug/kg			1
Unknown	383	J	ug/kg			1
Unknown PAH	374	J	ug/kg			1
Unknown	466	J	ug/kg			1
Unknown PAH	366	J	ug/kg			1
Unknown	188	J	ug/kg			1
Unknown	194	J	ug/kg			1
Unknown Ketone	193	J	ug/kg			1
Unknown PAH	179	J	ug/kg			1
Unknown PAH	237	J	ug/kg			1
Unknown PAH	257	J	ug/kg			1
Unknown PAH	187	J	ug/kg			1
Unknown Ketone	193	J	ug/kg			1
Unknown	249	J	ug/kg			1

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-02

Date Collected: 11/19/20 09:00

Client ID: S-20 (4-5)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	59		18-120

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02
 Client ID: S-20 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 11/24/20 01:33
 Analyst: SG
 Percent Solids: 86%

Extraction Method: ALPHA 23528
 Extraction Date: 11/23/20 09:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.533	0.024	1
Perfluoropentanoic Acid (PFPeA)	0.051	J	ug/kg	0.533	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.533	0.042	1
Perfluorohexanoic Acid (PFHxA)	0.077	J	ug/kg	0.533	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.533	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.533	0.065	1
Perfluorooctanoic Acid (PFOA)	0.141	JF	ug/kg	0.533	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.533	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.533	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.533	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	1.45	F	ug/kg	0.533	0.139	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.533	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.533	0.306	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.533	0.215	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.533	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.533	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.533	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.182	JF	ug/kg	0.533	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.533	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.533	0.218	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.533	0.058	1
PFOA/PFOS, Total	1.59	J	ug/kg	0.533	0.045	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02
 Client ID: S-20 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:00
 Date Received: 11/19/20
 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		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	126		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	152		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	54		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	104		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		26-160

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-03
 Client ID: S-21 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:20
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/23/20 15:58
 Analyst: EK
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 11/20/20 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	20	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1500		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	43	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	92	J	ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-03
 Client ID: S-21 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:20
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	1200		ug/kg	120	22.	1
Benzo(a)pyrene	1200		ug/kg	160	48.	1
Benzo(b)fluoranthene	1300		ug/kg	120	33.	1
Benzo(k)fluoranthene	420		ug/kg	120	32.	1
Chrysene	1500		ug/kg	120	20.	1
Acenaphthylene	190		ug/kg	160	30.	1
Anthracene	150		ug/kg	120	38.	1
Benzo(ghi)perylene	710		ug/kg	160	23.	1
Fluorene	38	J	ug/kg	200	19.	1
Phenanthrene	930		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	180		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	630		ug/kg	160	28.	1
Pyrene	2100		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	24	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-03
 Client ID: S-21 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:20
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	75	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Tentatively Identified Compounds

Total TIC Compounds	5170	J	ug/kg			1
Unknown PAH	466	J	ug/kg			1
Unknown PAH	394	J	ug/kg			1
Unknown PAH	358	J	ug/kg			1
Unknown Ketone	506	J	ug/kg			1
Unknown	296	J	ug/kg			1
Unknown PAH	474	J	ug/kg			1
Unknown	349	J	ug/kg			1
Unknown PAH	354	J	ug/kg			1
Unknown Thiophene	237	J	ug/kg			1
Unknown Ketone	293	J	ug/kg			1
Unknown	230	J	ug/kg			1
Unknown Ketone	288	J	ug/kg			1
Unknown PAH	311	J	ug/kg			1
Unknown PAH	239	J	ug/kg			1
Unknown PAH	373	J	ug/kg			1

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-03

Date Collected: 11/19/20 09:20

Client ID: S-21 (3-4)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	70		18-120

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-03
 Client ID: S-21 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:20
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 11/24/20 01:50
 Analyst: SG
 Percent Solids: 84%

Extraction Method: ALPHA 23528
 Extraction Date: 11/23/20 09:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.561	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.561	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.561	0.044	1
Perfluorohexanoic Acid (PFHxA)	0.066	J	ug/kg	0.561	0.059	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.561	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.561	0.068	1
Perfluorooctanoic Acid (PFOA)	0.074	JF	ug/kg	0.561	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.561	0.201	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.561	0.153	1
Perfluorononanoic Acid (PFNA)	0.398	J	ug/kg	0.561	0.084	1
Perfluorooctanesulfonic Acid (PFOS)	0.983	F	ug/kg	0.561	0.146	1
Perfluorodecanoic Acid (PFDA)	0.146	J	ug/kg	0.561	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.561	0.322	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.561	0.226	1
Perfluoroundecanoic Acid (PFUnA)	0.053	JF	ug/kg	0.561	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.561	0.172	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.561	0.110	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.561	0.095	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.561	0.079	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.561	0.229	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.561	0.061	1
PFOA/PFOS, Total	1.06	J	ug/kg	0.561	0.047	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-03
 Client ID: S-21 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:20
 Date Received: 11/19/20
 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)	97		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	110		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	115		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	98		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	155		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	100		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	185		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	89		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	109		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	108		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69		26-160

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-04
 Client ID: TW-6
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 11/22/20 05:02
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 11/21/20 04:07

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

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04
 Client ID: TW-6
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	1.9	J	ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04
 Client ID: TW-6
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

Total TIC Compounds	144	J	ug/l			1
Unknown Organic Acid	20.4	J	ug/l			1
Unknown Phenol	4.54	J	ug/l			1
Unknown	3.49	J	ug/l			1
Unknown	4.44	J	ug/l			1
Unknown	5.24	J	ug/l			1
Unknown Alcohol	3.93	J	ug/l			1
Unknown Organic Acid	8.18	J	ug/l			1
Unknown Organic Acid	22.8	J	ug/l			1
Unknown Thiazole	3.64	J	ug/l			1
Unknown	3.96	J	ug/l			1
Unknown	4.91	J	ug/l			1
Unknown Organic Acid	4.98	J	ug/l			1
Unknown	36.6	J	ug/l			1
Unknown Organic Acid	16.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	93		41-149

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04
 Client ID: TW-6
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 11/21/20 14:12
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 11/21/20 04:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.08	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.09	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.07	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.05	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.09	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.01	1
Pyrene	0.10		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.24		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-04

Date Collected: 11/19/20 12:00

Client ID: TW-6

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	150	Q	10-120
4-Terphenyl-d14	104		41-149

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-04
 Client ID: TW-6
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 11/23/20 10:55
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 11/21/20 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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1,4 Dioxane by 8270D-SIM - Mansfield Lab						
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1,4-Dioxane	ND		ng/l	163	36.8	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
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1,4-Dioxane-d8	40		15-110
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Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04 RE

Date Collected: 11/19/20 12:00

Client ID: TW-6

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: ALPHA 23528

Analytical Method: 134,LCMSMS-ID

Extraction Date: 11/25/20 15:30

Analytical Date: 11/27/20 17:10

Analyst: :RS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	24.1		ng/l	2.02	0.411	1
Perfluoropentanoic Acid (PFPeA)	55.7		ng/l	2.02	0.399	1
Perfluorobutanesulfonic Acid (PFBS)	11.4		ng/l	2.02	0.240	1
Perfluorohexanoic Acid (PFHxA)	50.6		ng/l	2.02	0.330	1
Perfluoroheptanoic Acid (PFHpA)	51.0		ng/l	2.02	0.227	1
Perfluorohexanesulfonic Acid (PFHxS)	11.6		ng/l	2.02	0.379	1
Perfluorooctanoic Acid (PFOA)	92.6		ng/l	2.02	0.238	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.02	1.34	1
Perfluoroheptanesulfonic Acid (PFHpS)	2.20		ng/l	2.02	0.693	1
Perfluorononanoic Acid (PFNA)	28.2		ng/l	2.02	0.314	1
Perfluorooctanesulfonic Acid (PFOS)	522		ng/l	2.02	0.508	1
Perfluorodecanoic Acid (PFDA)	23.4		ng/l	2.02	0.306	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.02	1.22	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.02	0.653	1
Perfluoroundecanoic Acid (PFUnA)	5.72		ng/l	2.02	0.262	1
Perfluorodecanesulfonic Acid (PFDS)	6.46		ng/l	2.02	0.988	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	46.8		ng/l	2.02	0.810	1
Perfluorododecanoic Acid (PFDoA)	4.91		ng/l	2.02	0.375	1
Perfluorotridecanoic Acid (PFTTrDA)	2.64	F	ng/l	2.02	0.330	1
Perfluorotetradecanoic Acid (PFTTA)	1.99	J	ng/l	2.02	0.250	1
PFOA/PFOS, Total	615		ng/l	2.02	0.238	1

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04 RE

Date Collected: 11/19/20 12:00

Client ID: TW-6

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	70		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	75		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	55		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	179		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	137		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	301	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	156		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	121		40-144
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	131		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	114		33-143

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-04 RE

Date Collected: 11/19/20 12:00

Client ID: TW-6

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: ALPHA 23528

Analytical Method: 134,LCMSMS-ID

Extraction Date: 11/25/20 15:30

Analytical Date: 11/28/20 16:25

Analyst: RS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Perfluorooctanesulfonamide (FOSA)	7.79		ng/l	2.02	0.584	1
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Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
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Perfluoro[13C8]Octanesulfonamide (M8FOSA)	47		1-87
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Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-05
 Client ID: FB
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:15
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 11/23/20 19:41
 Analyst: :RS

Extraction Method: ALPHA 23528
 Extraction Date: 11/20/20 15:38

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	0.375	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.90	0.226	1
Perfluorohexanoic Acid (PFHxA)	0.326	JF	ng/l	1.90	0.311	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.90	0.213	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.90	0.356	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	0.652	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	0.288	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	0.614	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.90	0.246	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.90	0.929	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.90	0.762	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.90	0.353	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.90	0.310	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: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-05
 Client ID: FB
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:15
 Date Received: 11/19/20
 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)	101		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	128		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	103		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	109		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	118		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	124		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	101		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	131		40-144
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	136		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	137		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	141		33-143

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-05
 Client ID: FB
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:15
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 11/24/20 13:02
 Analyst: RS

Extraction Method: ALPHA 23528
 Extraction Date: 11/20/20 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.90	0.550	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			64		1-87	

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/20/20 09:56
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 11/19/20 18:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1436359-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/20/20 09:56
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 11/19/20 18:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1436359-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/20/20 09:56
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 11/19/20 18:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1436359-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	93		18-120

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/23/20 18:35
Analyst: :RS

Extraction Method: ALPHA 23528
Extraction Date: 11/20/20 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 05 Batch: WG1436741-1					
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
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: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/23/20 18:35
Analyst: :RS

Extraction Method: ALPHA 23528
Extraction Date: 11/20/20 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 05 Batch: WG1436741-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	121		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	103		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	117		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	115		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	113		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	131		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	128		40-144
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	130		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	127		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	137		33-143

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/24/20 12:34
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 11/20/20 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 05 Batch: WG1436741-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	61		1-87

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/22/20 03:52
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/21/20 04:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1436954-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/22/20 03:52
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/21/20 04:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1436954-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/22/20 03:52
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/21/20 04:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1436954-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	16.1	J	ug/l
Unknown	1.93	J	ug/l
Unknown	1.71	J	ug/l
Unknown Organic Acid	1.64	J	ug/l
Unknown Alcohol	2.73	J	ug/l
Unknown	4.25	J	ug/l
Unknown	3.82	J	ug/l

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/22/20 03:52
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/21/20 04:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1436954-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	89		41-149

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 11/21/20 13:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/21/20 04:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04 Batch: WG1436955-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 11/21/20 13:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/21/20 04:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04 Batch: WG1436955-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	128	Q	10-120
4-Terphenyl-d14	102		41-149

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 11/23/20 09:01
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 11/21/20 09:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 04 Batch: WG1437011-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/24/20 00:27
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 11/23/20 09:05

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1437404-1					
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.500	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.500	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.500	0.061
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.500	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.500	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.500	0.130
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.500	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.500	0.054
PFOA/PFOS, Total	ND		ug/kg	0.500	0.042

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/24/20 00:27
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 11/23/20 09:05

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1437404-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	109		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	143		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	166		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	95		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	9		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68		26-160

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/29/20 13:05
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 11/23/20 09:05

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1437404-1					
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	81		1-125

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/27/20 16:20
Analyst: :RS

Extraction Method: ALPHA 23528
Extraction Date: 11/25/20 15:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04 Batch: WG1438561-1					
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: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/27/20 16:20
Analyst: :RS

Extraction Method: ALPHA 23528
Extraction Date: 11/25/20 15:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04 Batch: WG1438561-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	119		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	142		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	108		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	115		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	115		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	106		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	129		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	117		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	130		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	21		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	111		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	129		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	123		33-143

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/28/20 16:04
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 11/25/20 15:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04 Batch: WG1438561-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	65		1-87

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1436359-2 WG1436359-3								
Acenaphthene	70		68		31-137	3		50
1,2,4-Trichlorobenzene	78		75		38-107	4		50
Hexachlorobenzene	86		86		40-140	0		50
Bis(2-chloroethyl)ether	58		55		40-140	5		50
2-Chloronaphthalene	84		80		40-140	5		50
1,2-Dichlorobenzene	65		66		40-140	2		50
1,3-Dichlorobenzene	69		68		40-140	1		50
1,4-Dichlorobenzene	64		62		28-104	3		50
3,3'-Dichlorobenzidine	70		68		40-140	3		50
2,4-Dinitrotoluene	91		92		40-132	1		50
2,6-Dinitrotoluene	95		97		40-140	2		50
Fluoranthene	82		81		40-140	1		50
4-Chlorophenyl phenyl ether	81		80		40-140	1		50
4-Bromophenyl phenyl ether	92		91		40-140	1		50
Bis(2-chloroisopropyl)ether	57		54		40-140	5		50
Bis(2-chloroethoxy)methane	72		67		40-117	7		50
Hexachlorobutadiene	78		75		40-140	4		50
Hexachlorocyclopentadiene	84		82		40-140	2		50
Hexachloroethane	56		55		40-140	2		50
Isophorone	64		61		40-140	5		50
Naphthalene	70		69		40-140	1		50
Nitrobenzene	69		68		40-140	1		50
NDPA/DPA	82		81		36-157	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1436359-2 WG1436359-3								
n-Nitrosodi-n-propylamine	72		68		32-121	6		50
Bis(2-ethylhexyl)phthalate	78		75		40-140	4		50
Butyl benzyl phthalate	86		86		40-140	0		50
Di-n-butylphthalate	81		79		40-140	3		50
Di-n-octylphthalate	77		76		40-140	1		50
Diethyl phthalate	78		77		40-140	1		50
Dimethyl phthalate	87		87		40-140	0		50
Benzo(a)anthracene	78		76		40-140	3		50
Benzo(a)pyrene	91		90		40-140	1		50
Benzo(b)fluoranthene	86		85		40-140	1		50
Benzo(k)fluoranthene	75		73		40-140	3		50
Chrysene	72		70		40-140	3		50
Acenaphthylene	82		79		40-140	4		50
Anthracene	76		73		40-140	4		50
Benzo(ghi)perylene	78		77		40-140	1		50
Fluorene	80		79		40-140	1		50
Phenanthrene	78		76		40-140	3		50
Dibenzo(a,h)anthracene	79		76		40-140	4		50
Indeno(1,2,3-cd)pyrene	86		84		40-140	2		50
Pyrene	81		81		35-142	0		50
Biphenyl	88		86		37-127	2		50
4-Chloroaniline	53		52		40-140	2		50
2-Nitroaniline	91		91		47-134	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1436359-2 WG1436359-3								
3-Nitroaniline	68		67		26-129	1		50
4-Nitroaniline	83		82		41-125	1		50
Dibenzofuran	81		78		40-140	4		50
2-Methylnaphthalene	80		78		40-140	3		50
1,2,4,5-Tetrachlorobenzene	94		92		40-117	2		50
Acetophenone	84		83		14-144	1		50
2,4,6-Trichlorophenol	104		101		30-130	3		50
p-Chloro-m-cresol	88		86		26-103	2		50
2-Chlorophenol	75		73		25-102	3		50
2,4-Dichlorophenol	91		89		30-130	2		50
2,4-Dimethylphenol	80		77		30-130	4		50
2-Nitrophenol	83		81		30-130	2		50
4-Nitrophenol	82		85		11-114	4		50
2,4-Dinitrophenol	82		84		4-130	2		50
4,6-Dinitro-o-cresol	90		90		10-130	0		50
Pentachlorophenol	88		87		17-109	1		50
Phenol	71		68		26-90	4		50
2-Methylphenol	73		70		30-130.	4		50
3-Methylphenol/4-Methylphenol	79		78		30-130	1		50
2,4,5-Trichlorophenol	90		90		30-130	0		50
Benzoic Acid	53		54		10-110	2		50
Benzyl Alcohol	82		80		40-140	2		50
Carbazole	81		80		54-128	1		50

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1436359-2 WG1436359-3								
1,4-Dioxane	48		46		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		73		25-120
Phenol-d6	76		74		10-120
Nitrobenzene-d5	76		72		23-120
2-Fluorobiphenyl	86		81		30-120
2,4,6-Tribromophenol	100		99		10-136
4-Terphenyl-d14	91		90		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 Batch: WG1436741-2 WG1436741-3								
Perfluorobutanoic Acid (PFBA)	94		100		67-148	6		30
Perfluoropentanoic Acid (PFPeA)	95		100		63-161	5		30
Perfluorobutanesulfonic Acid (PFBS)	100		104		65-157	4		30
Perfluorohexanoic Acid (PFHxA)	99		102		69-168	3		30
Perfluoroheptanoic Acid (PFHpA)	93		98		58-159	5		30
Perfluorohexanesulfonic Acid (PFHxS)	98		109		69-177	11		30
Perfluorooctanoic Acid (PFOA)	98		101		63-159	3		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	97		96		49-187	1		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		107		61-179	7		30
Perfluorononanoic Acid (PFNA)	92		97		68-171	5		30
Perfluorooctanesulfonic Acid (PFOS)	105		110		52-151	5		30
Perfluorodecanoic Acid (PFDA)	94		102		63-171	8		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		126		56-173	11		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	80		77		60-166	4		30
Perfluoroundecanoic Acid (PFUnA)	94		98		60-153	4		30
Perfluorodecanesulfonic Acid (PFDS)	118		109		38-156	8		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	92		89		45-170	3		30
Perfluorododecanoic Acid (PFDoA)	90		94		67-153	4		30
Perfluorotridecanoic Acid (PFTTrDA)	101		105		48-158	4		30
Perfluorotetradecanoic Acid (PFTA)	95		99		59-182	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

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

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 Batch: WG1436741-2 WG1436741-3

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		96		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	117		114		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		94		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81		81		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		91		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		95		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		99		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	119		113		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	113		109		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115		108		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		98		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	116		102		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	109		103		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	129		122		40-144
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	123		118		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	132		120		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	136		121		33-143

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 Batch: WG1436741-2 WG1436741-3								
Perfluorooctanesulfonamide (FOSA)	107		113		46-170	12		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	66		66		1-87

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1436954-2 WG1436954-3								
Acenaphthene	91		86		37-111	6		30
1,2,4-Trichlorobenzene	84		83		39-98	1		30
Hexachlorobenzene	93		89		40-140	4		30
Bis(2-chloroethyl)ether	88		84		40-140	5		30
2-Chloronaphthalene	88		86		40-140	2		30
1,2-Dichlorobenzene	82		80		40-140	2		30
1,3-Dichlorobenzene	83		80		40-140	4		30
1,4-Dichlorobenzene	83		81		36-97	2		30
3,3'-Dichlorobenzidine	61		69		40-140	12		30
2,4-Dinitrotoluene	94		91		48-143	3		30
2,6-Dinitrotoluene	93		91		40-140	2		30
Fluoranthene	100		99		40-140	1		30
4-Chlorophenyl phenyl ether	92		87		40-140	6		30
4-Bromophenyl phenyl ether	94		92		40-140	2		30
Bis(2-chloroisopropyl)ether	86		83		40-140	4		30
Bis(2-chloroethoxy)methane	89		86		40-140	3		30
Hexachlorobutadiene	80		81		40-140	1		30
Hexachlorocyclopentadiene	69		70		40-140	1		30
Hexachloroethane	82		76		40-140	8		30
Isophorone	94		92		40-140	2		30
Naphthalene	84		83		40-140	1		30
Nitrobenzene	90		87		40-140	3		30
NDPA/DPA	95		94		40-140	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1436954-2 WG1436954-3								
n-Nitrosodi-n-propylamine	96		94		29-132	2		30
Bis(2-ethylhexyl)phthalate	87		85		40-140	2		30
Butyl benzyl phthalate	97		97		40-140	0		30
Di-n-butylphthalate	90		89		40-140	1		30
Di-n-octylphthalate	97		94		40-140	3		30
Diethyl phthalate	96		91		40-140	5		30
Dimethyl phthalate	93		92		40-140	1		30
Benzo(a)anthracene	94		92		40-140	2		30
Benzo(a)pyrene	102		99		40-140	3		30
Benzo(b)fluoranthene	97		94		40-140	3		30
Benzo(k)fluoranthene	105		101		40-140	4		30
Chrysene	95		92		40-140	3		30
Acenaphthylene	94		94		45-123	0		30
Anthracene	97		95		40-140	2		30
Benzo(ghi)perylene	99		95		40-140	4		30
Fluorene	96		91		40-140	5		30
Phenanthrene	92		91		40-140	1		30
Dibenzo(a,h)anthracene	97		93		40-140	4		30
Indeno(1,2,3-cd)pyrene	99		96		40-140	3		30
Pyrene	98		98		26-127	0		30
Biphenyl	91		90		40-140	1		30
4-Chloroaniline	36	Q	65		40-140	57	Q	30
2-Nitroaniline	94		93		52-143	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1436954-2 WG1436954-3								
3-Nitroaniline	76		79		25-145	4		30
4-Nitroaniline	86		85		51-143	1		30
Dibenzofuran	92		87		40-140	6		30
2-Methylnaphthalene	86		85		40-140	1		30
1,2,4,5-Tetrachlorobenzene	88		86		2-134	2		30
Acetophenone	92		88		39-129	4		30
2,4,6-Trichlorophenol	91		93		30-130	2		30
p-Chloro-m-cresol	96		95		23-97	1		30
2-Chlorophenol	91		89		27-123	2		30
2,4-Dichlorophenol	96		92		30-130	4		30
2,4-Dimethylphenol	54		80		30-130	39	Q	30
2-Nitrophenol	94		91		30-130	3		30
4-Nitrophenol	94	Q	88	Q	10-80	7		30
2,4-Dinitrophenol	82		55		20-130	39	Q	30
4,6-Dinitro-o-cresol	93		80		20-164	15		30
Pentachlorophenol	76		54		9-103	34	Q	30
Phenol	64		65		12-110	2		30
2-Methylphenol	85		89		30-130	5		30
3-Methylphenol/4-Methylphenol	90		96		30-130	6		30
2,4,5-Trichlorophenol	95		94		30-130	1		30
Benzoic Acid	46		0	Q	10-164	NC		30
Benzyl Alcohol	86		84		26-116	2		30
Carbazole	98		96		55-144	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1436954-2 WG1436954-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		79		21-120
Phenol-d6	69		72		10-120
Nitrobenzene-d5	89		88		23-120
2-Fluorobiphenyl	85		82		15-120
2,4,6-Tribromophenol	129	Q	125	Q	10-120
4-Terphenyl-d14	98		99		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 Batch: WG1436955-2 WG1436955-3								
Acenaphthene	77		91		40-140	17		40
2-Chloronaphthalene	79		94		40-140	17		40
Fluoranthene	109		112		40-140	3		40
Hexachlorobutadiene	66		81		40-140	20		40
Naphthalene	68		84		40-140	21		40
Benzo(a)anthracene	110		113		40-140	3		40
Benzo(a)pyrene	121		123		40-140	2		40
Benzo(b)fluoranthene	112		113		40-140	1		40
Benzo(k)fluoranthene	106		111		40-140	5		40
Chrysene	96		102		40-140	6		40
Acenaphthylene	92		106		40-140	14		40
Anthracene	100		107		40-140	7		40
Benzo(ghi)perylene	116		118		40-140	2		40
Fluorene	88		101		40-140	14		40
Phenanthrene	90		96		40-140	6		40
Dibenzo(a,h)anthracene	124		126		40-140	2		40
Indeno(1,2,3-cd)pyrene	129		128		40-140	1		40
Pyrene	108		112		40-140	4		40
2-Methylnaphthalene	76		93		40-140	20		40
Pentachlorophenol	64		33	Q	40-140	64	Q	40
Hexachlorobenzene	86		93		40-140	8		40
Hexachloroethane	54		70		40-140	26		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Project Number: 11571

Lab Number: L2051740

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 Batch: WG1436955-2 WG1436955-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		66		21-120
Phenol-d6	44		53		10-120
Nitrobenzene-d5	69		85		23-120
2-Fluorobiphenyl	78		93		15-120
2,4,6-Tribromophenol	132	Q	132	Q	10-120
4-Terphenyl-d14	98		99		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 04 Batch: WG1437011-2 WG1437011-3								
1,4-Dioxane	113		113		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	42		41		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1437404-2 WG1437404-3								
Perfluorobutanoic Acid (PFBA)	107		108		71-135	1		30
Perfluoropentanoic Acid (PFPeA)	113		114		69-132	1		30
Perfluorobutanesulfonic Acid (PFBS)	112		117		72-128	4		30
Perfluorohexanoic Acid (PFHxA)	110		110		70-132	0		30
Perfluoroheptanoic Acid (PFHpA)	106		107		71-131	1		30
Perfluorohexanesulfonic Acid (PFHxS)	112		111		67-130	1		30
Perfluorooctanoic Acid (PFOA)	108		109		69-133	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	118		122		64-140	3		30
Perfluoroheptanesulfonic Acid (PFHpS)	111		114		70-132	3		30
Perfluorononanoic Acid (PFNA)	105		105		72-129	0		30
Perfluorooctanesulfonic Acid (PFOS)	112		117		68-136	4		30
Perfluorodecanoic Acid (PFDA)	106		110		69-133	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	122		138	Q	65-137	12		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	114		105		63-144	8		30
Perfluoroundecanoic Acid (PFUnA)	115		112		64-136	3		30
Perfluorodecanesulfonic Acid (PFDS)	126		121		59-134	4		30
Perfluorooctanesulfonamide (FOSA)	103		106		67-137	3		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	114		106		61-139	7		30
Perfluorododecanoic Acid (PFDoA)	110		110		69-135	0		30
Perfluorotridecanoic Acid (PFTrDA)	102		102		66-139	0		30
Perfluorotetradecanoic Acid (PFTA)	136	Q	133		69-133	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1437404-2 WG1437404-3									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	98		97		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	110		109		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		98		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101		102		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	108		109		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		111		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		99		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	149		155		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101		99		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		96		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		98		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	174		176		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83		88		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		108		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	8		6		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	79		86		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		109		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		68		26-160

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1437404-2 WG1437404-3								
Perfluorooctanesulfonamide (FOSA)	105		108		67-137	3		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	84		86		1-125

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04 Batch: WG1438561-2 WG1438561-3								
Perfluorobutanoic Acid (PFBA)	94		94		67-148	0		30
Perfluoropentanoic Acid (PFPeA)	94		94		63-161	0		30
Perfluorobutanesulfonic Acid (PFBS)	98		97		65-157	1		30
Perfluorohexanoic Acid (PFHxA)	95		96		69-168	1		30
Perfluoroheptanoic Acid (PFHpA)	90		91		58-159	1		30
Perfluorohexanesulfonic Acid (PFHxS)	91		95		69-177	4		30
Perfluorooctanoic Acid (PFOA)	95		95		63-159	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	95		94		49-187	1		30
Perfluoroheptanesulfonic Acid (PFHpS)	105		101		61-179	4		30
Perfluorononanoic Acid (PFNA)	94		91		68-171	3		30
Perfluorooctanesulfonic Acid (PFOS)	109		105		52-151	4		30
Perfluorodecanoic Acid (PFDA)	96		96		63-171	0		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	120		102		56-173	16		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	69		82		60-166	17		30
Perfluoroundecanoic Acid (PFUnA)	96		102		60-153	6		30
Perfluorodecanesulfonic Acid (PFDS)	107		99		38-156	8		30
Perfluorooctanesulfonamide (FOSA)	91		94		46-170	3		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		96		45-170	2		30
Perfluorododecanoic Acid (PFDoA)	88		91		67-153	3		30
Perfluorotridecanoic Acid (PFTrDA)	99		102		48-158	3		30
Perfluorotetradecanoic Acid (PFTA)	95		93		59-182	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits			Qual	Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04 Batch: WG1438561-2 WG1438561-3									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	116		116		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	135		120		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		111		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		95		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		107		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	118		117		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	114		115		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	130		117		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	126		129		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	118		122		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	112		112		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	132		140		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	116		100		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	139		128		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27		31		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	121		118		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	136		125		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	130		127		33-143

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04 Batch: WG1438561-2 WG1438561-3								
Perfluorooctanesulfonamide (FOSA)	105		107		46-170	16		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	67		65		1-87

PCBS

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-01
 Client ID: S-19 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 08:45
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/21/20 13:10
 Analyst: CW
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 11/20/20 14:13
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/20/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/21/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	3.46	1	A
Aroclor 1221	ND		ug/kg	38.9	3.90	1	A
Aroclor 1232	ND		ug/kg	38.9	8.25	1	A
Aroclor 1242	ND		ug/kg	38.9	5.25	1	A
Aroclor 1248	ND		ug/kg	38.9	5.84	1	A
Aroclor 1254	42.4		ug/kg	38.9	4.26	1	A
Aroclor 1260	ND		ug/kg	38.9	7.19	1	A
Aroclor 1262	ND		ug/kg	38.9	4.94	1	A
Aroclor 1268	ND		ug/kg	38.9	4.03	1	A
PCBs, Total	42.4		ug/kg	38.9	3.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-02
 Client ID: S-20 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/21/20 13:23
 Analyst: CW
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 11/20/20 14:13
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/20/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/21/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	3.30	1	A
Aroclor 1221	ND		ug/kg	37.2	3.73	1	A
Aroclor 1232	ND		ug/kg	37.2	7.89	1	A
Aroclor 1242	ND		ug/kg	37.2	5.02	1	A
Aroclor 1248	ND		ug/kg	37.2	5.58	1	A
Aroclor 1254	24.1	J	ug/kg	37.2	4.07	1	A
Aroclor 1260	ND		ug/kg	37.2	6.88	1	A
Aroclor 1262	ND		ug/kg	37.2	4.72	1	A
Aroclor 1268	ND		ug/kg	37.2	3.85	1	A
PCBs, Total	24.1	J	ug/kg	37.2	3.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	38		30-150	A
Decachlorobiphenyl	28	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	40		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-03
 Client ID: S-21 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:20
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/21/20 13:36
 Analyst: CW
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 11/20/20 14:13
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/20/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/21/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.1	3.39	1	A
Aroclor 1221	ND		ug/kg	38.1	3.82	1	A
Aroclor 1232	ND		ug/kg	38.1	8.08	1	A
Aroclor 1242	ND		ug/kg	38.1	5.14	1	A
Aroclor 1248	ND		ug/kg	38.1	5.72	1	A
Aroclor 1254	4.32	J	ug/kg	38.1	4.17	1	A
Aroclor 1260	ND		ug/kg	38.1	7.05	1	A
Aroclor 1262	ND		ug/kg	38.1	4.84	1	A
Aroclor 1268	ND		ug/kg	38.1	3.95	1	A
PCBs, Total	4.32	J	ug/kg	38.1	3.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04
 Client ID: TW-6
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 11/21/20 13:39
 Analyst: AD

Extraction Method: EPA 3510C
 Extraction Date: 11/20/20 20:15
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/21/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/21/20

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 11/21/20 11:41
Analyst: JAW

Extraction Method: EPA 3546
Extraction Date: 11/20/20 14:13
Cleanup Method: EPA 3665A
Cleanup Date: 11/20/20
Cleanup Method: EPA 3660B
Cleanup Date: 11/21/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1436742-1						
Aroclor 1016	ND		ug/kg	32.7	2.90	A
Aroclor 1221	ND		ug/kg	32.7	3.28	A
Aroclor 1232	ND		ug/kg	32.7	6.93	A
Aroclor 1242	ND		ug/kg	32.7	4.41	A
Aroclor 1248	ND		ug/kg	32.7	4.90	A
Aroclor 1254	ND		ug/kg	32.7	3.58	A
Aroclor 1260	ND		ug/kg	32.7	6.04	A
Aroclor 1262	ND		ug/kg	32.7	4.15	A
Aroclor 1268	ND		ug/kg	32.7	3.39	A
PCBs, Total	ND		ug/kg	32.7	2.90	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 11/21/20 13:07
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 11/20/20 18:56
Cleanup Method: EPA 3665A
Cleanup Date: 11/21/20
Cleanup Method: EPA 3660B
Cleanup Date: 11/21/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04 Batch: WG1436892-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1436742-2 WG1436742-3									
Aroclor 1016	63		69		40-140	9		50	A
Aroclor 1260	58		63		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		68		30-150	A
Decachlorobiphenyl	48		53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		70		30-150	B
Decachlorobiphenyl	61		64		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04 Batch: WG1436892-2 WG1436892-3									
Aroclor 1016	110		122		40-140	10		50	A
Aroclor 1260	100		114		40-140	13		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		114		30-150	A
Decachlorobiphenyl	111		121		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		109		30-150	B
Decachlorobiphenyl	113		119		30-150	B

PESTICIDES

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-01
 Client ID: S-19 (2-3)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 08:45
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 11/23/20 08:25
 Analyst: BM
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 11/20/20 10:20
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/20/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.759	0.339	1	A
Alpha-BHC	ND		ug/kg	0.759	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.690	1	A
Heptachlor	ND		ug/kg	0.910	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.641	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.759	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.796	1	A
Endrin ketone	ND		ug/kg	1.82	0.469	1	A
Dieldrin	10.3		ug/kg	1.14	0.569	1	A
4,4'-DDE	28.4		ug/kg	1.82	0.421	1	B
4,4'-DDD	ND		ug/kg	1.82	0.649	1	A
4,4'-DDT	100		ug/kg	3.41	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.759	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.56	1	A
cis-Chlordane	17.4		ug/kg	2.28	0.634	1	A
trans-Chlordane	21.6		ug/kg	2.28	0.601	1	A
Chlordane	137		ug/kg	15.2	6.03	1	B

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-01

Date Collected: 11/19/20 08:45

Client ID: S-19 (2-3)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	126		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	136		30-150	B

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02
 Client ID: S-20 (4-5)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 11/23/20 08:35
 Analyst: BM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 11/20/20 10:20
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/20/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.350	1	A
Lindane	ND		ug/kg	0.744	0.333	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.677	1	A
Heptachlor	ND		ug/kg	0.893	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.629	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.781	1	A
Endrin ketone	ND		ug/kg	1.78	0.460	1	A
Dieldrin	144		ug/kg	1.12	0.558	1	B
4,4'-DDE	2190	E	ug/kg	1.78	0.413	1	B
4,4'-DDD	505	E	ug/kg	1.78	0.637	1	B
4,4'-DDT	3560	E	ug/kg	3.35	1.44	1	B
Endosulfan I	ND		ug/kg	1.78	0.422	1	A
Endosulfan II	ND		ug/kg	1.78	0.597	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.38	1	A
cis-Chlordane	261	E	ug/kg	2.23	0.622	1	A
trans-Chlordane	234	E	ug/kg	2.23	0.589	1	B
Chlordane	1480	E	ug/kg	14.9	5.92	1	B

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-02

Date Collected: 11/19/20 09:00

Client ID: S-20 (4-5)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, 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	78		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	122		30-150	B

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-02 D3

Date Collected: 11/19/20 09:00

Client ID: S-20 (4-5)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 11/20/20 10:20

Analytical Date: 11/24/20 14:33

Cleanup Method: EPA 3620B

Analyst: BM

Cleanup Date: 11/20/20

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	19400		ug/kg	670	287.	200	A

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-02 D2

Date Collected: 11/19/20 09:00

Client ID: S-20 (4-5)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 11/20/20 10:20

Analytical Date: 11/24/20 13:27

Cleanup Method: EPA 3620B

Analyst: BM

Cleanup Date: 11/20/20

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	5240		ug/kg	89.3	20.6	50	A

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-02 D

Date Collected: 11/19/20 09:00

Client ID: S-20 (4-5)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 11/20/20 10:20

Analytical Date: 11/24/20 13:15

Cleanup Method: EPA 3620B

Analyst: BM

Cleanup Date: 11/20/20

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDD	948		ug/kg	17.8	6.37	10	B
cis-Chlordane	330	IP	ug/kg	22.3	6.22	10	B
trans-Chlordane	412		ug/kg	22.3	5.89	10	A
Chlordane	2250		ug/kg	149	59.2	10	B

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-03
 Client ID: S-21 (3-4)
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 09:20
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 11/23/20 08:46
 Analyst: BM
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 11/20/20 10:20
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/20/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.369	1	A
Lindane	ND		ug/kg	0.786	0.351	1	A
Alpha-BHC	ND		ug/kg	0.786	0.223	1	A
Beta-BHC	ND		ug/kg	1.88	0.715	1	A
Heptachlor	ND		ug/kg	0.943	0.423	1	A
Aldrin	ND		ug/kg	1.88	0.664	1	A
Heptachlor epoxide	ND		ug/kg	3.54	1.06	1	A
Endrin	ND		ug/kg	0.786	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.825	1	A
Endrin ketone	ND		ug/kg	1.88	0.486	1	A
Dieldrin	5.58		ug/kg	1.18	0.589	1	A
4,4'-DDE	10.3		ug/kg	1.88	0.436	1	A
4,4'-DDD	ND		ug/kg	1.88	0.673	1	A
4,4'-DDT	44.0		ug/kg	3.54	1.52	1	A
Endosulfan I	ND		ug/kg	1.88	0.446	1	A
Endosulfan II	ND		ug/kg	1.88	0.630	1	A
Endosulfan sulfate	ND		ug/kg	0.786	0.374	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.90	1	A
cis-Chlordane	6.08		ug/kg	2.36	0.657	1	A
trans-Chlordane	8.47		ug/kg	2.36	0.622	1	A
Chlordane	65.4		ug/kg	15.7	6.25	1	B

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-03

Date Collected: 11/19/20 09:20

Client ID: S-21 (3-4)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, 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	98		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04
 Client ID: TW-6
 Sample Location: NEW ROCHELLE, NY

Date Collected: 11/19/20 12:00
 Date Received: 11/19/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 11/23/20 11:04
 Analyst: BM

Extraction Method: EPA 3510C
 Extraction Date: 11/20/20 17:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	0.009	JIP	ug/l	0.014	0.003	1	B
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.136		ug/l	0.029	0.003	1	B
4,4'-DDE	0.556		ug/l	0.029	0.003	1	B
4,4'-DDD	0.059		ug/l	0.029	0.003	1	B
4,4'-DDT	1.04		ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	0.309		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	0.098		ug/l	0.014	0.005	1	A
trans-Chlordane	0.092		ug/l	0.014	0.004	1	B
Chlordane	1.20	P	ug/l	0.143	0.033	1	A

Project Name: 329 HUGUENOT**Lab Number:** L2051740**Project Number:** 11571**Report Date:** 11/30/20**SAMPLE RESULTS**

Lab ID: L2051740-04

Date Collected: 11/19/20 12:00

Client ID: TW-6

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/23/20 07:56
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 11/20/20 10:20
Cleanup Method: EPA 3620B
Cleanup Date: 11/20/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1436649-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.650	0.291	A
Alpha-BHC	ND		ug/kg	0.650	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.780	0.350	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.878	A
Endrin	ND		ug/kg	0.650	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.683	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.975	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	2.92	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.650	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.910	A
Toxaphene	ND		ug/kg	29.2	8.19	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	13.0	5.17	A

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/23/20 07:56
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 11/20/20 10:20
Cleanup Method: EPA 3620B
Cleanup Date: 11/20/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1436649-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	140		30-150	B

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/23/20 10:34
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 11/20/20 17:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04 Batch: WG1436847-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/23/20 10:34
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 11/20/20 17:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04 Batch: WG1436847-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	54		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1436649-2 WG1436649-3									
Delta-BHC	77		68		30-150	12		30	A
Lindane	80		70		30-150	13		30	A
Alpha-BHC	85		74		30-150	14		30	A
Beta-BHC	94		84		30-150	11		30	A
Heptachlor	90		79		30-150	13		30	A
Aldrin	78		67		30-150	15		30	A
Heptachlor epoxide	74		66		30-150	11		30	A
Endrin	78		69		30-150	12		30	A
Endrin aldehyde	58		52		30-150	11		30	A
Endrin ketone	70		65		30-150	7		30	A
Dieldrin	80		72		30-150	11		30	A
4,4'-DDE	81		70		30-150	15		30	A
4,4'-DDD	78		70		30-150	11		30	A
4,4'-DDT	74		66		30-150	11		30	A
Endosulfan I	88		76		30-150	15		30	A
Endosulfan II	89		80		30-150	11		30	A
Endosulfan sulfate	70		64		30-150	9		30	A
Methoxychlor	84		78		30-150	7		30	A
cis-Chlordane	84		78		30-150	7		30	A
trans-Chlordane	85		75		30-150	13		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1436649-2 WG1436649-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		71		30-150	A
Decachlorobiphenyl	97		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		81		30-150	B
Decachlorobiphenyl	150		129		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04 Batch: WG1436847-2 WG1436847-3									
Delta-BHC	75		70		30-150	7		20	A
Lindane	76		71		30-150	6		20	A
Alpha-BHC	80		77		30-150	4		20	A
Beta-BHC	80		77		30-150	3		20	A
Heptachlor	90		85		30-150	5		20	A
Aldrin	77		73		30-150	4		20	A
Heptachlor epoxide	77		74		30-150	4		20	A
Endrin	87		84		30-150	4		20	A
Endrin aldehyde	48		52		30-150	7		20	A
Endrin ketone	74		71		30-150	4		20	A
Dieldrin	80		76		30-150	5		20	A
4,4'-DDE	81		77		30-150	4		20	A
4,4'-DDD	89		83		30-150	6		20	A
4,4'-DDT	77		72		30-150	6		20	A
Endosulfan I	76		73		30-150	4		20	A
Endosulfan II	80		76		30-150	5		20	A
Endosulfan sulfate	76		72		30-150	5		20	A
Methoxychlor	84		80		30-150	4		20	A
cis-Chlordane	75		72		30-150	4		20	A
trans-Chlordane	76		73		30-150	5		20	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04 Batch: WG1436847-2 WG1436847-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	76		81		30-150	A
Decachlorobiphenyl	87		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		79		30-150	B
Decachlorobiphenyl	63		61		30-150	B

METALS

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-01

Date Collected: 11/19/20 08:45

Client ID: S-19 (2-3)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4750		mg/kg	9.02	2.44	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Antimony, Total	3.80	J	mg/kg	4.51	0.343	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Arsenic, Total	16.1		mg/kg	0.902	0.188	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Barium, Total	713		mg/kg	0.902	0.157	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.451	0.030	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Cadmium, Total	1.94		mg/kg	0.902	0.088	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Calcium, Total	46200		mg/kg	90.2	31.6	20	11/23/20 18:07	11/24/20 11:46	EPA 3050B	1,6010D	GD
Chromium, Total	15.4		mg/kg	0.902	0.087	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Cobalt, Total	6.03		mg/kg	1.80	0.150	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Copper, Total	19.7		mg/kg	0.902	0.233	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Iron, Total	27500		mg/kg	4.51	0.814	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Lead, Total	2530		mg/kg	4.51	0.242	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Magnesium, Total	8250		mg/kg	9.02	1.39	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Manganese, Total	207		mg/kg	0.902	0.143	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Mercury, Total	0.430		mg/kg	0.079	0.052	1	11/23/20 18:08	11/24/20 10:16	EPA 7471B	1,7471B	EW
Nickel, Total	13.2		mg/kg	2.26	0.218	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Potassium, Total	1370		mg/kg	226	13.0	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Selenium, Total	0.595	J	mg/kg	1.80	0.233	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.902	0.255	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Sodium, Total	736		mg/kg	180	2.84	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Thallium, Total	0.532	J	mg/kg	1.80	0.284	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Vanadium, Total	20.0		mg/kg	0.902	0.183	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV
Zinc, Total	997		mg/kg	4.51	0.264	2	11/23/20 18:07	11/23/20 23:59	EPA 3050B	1,6010D	BV



Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02

Date Collected: 11/19/20 09:00

Client ID: S-20 (4-5)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4850		mg/kg	9.01	2.43	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.50	0.342	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Arsenic, Total	3.94		mg/kg	0.901	0.187	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Barium, Total	411		mg/kg	0.901	0.157	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.450	0.030	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Cadmium, Total	0.720	J	mg/kg	0.901	0.088	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Calcium, Total	51400		mg/kg	90.1	31.5	20	11/23/20 18:07	11/24/20 11:51	EPA 3050B	1,6010D	GD
Chromium, Total	10.7		mg/kg	0.901	0.087	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Cobalt, Total	3.97		mg/kg	1.80	0.150	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Copper, Total	15.0		mg/kg	0.901	0.232	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Iron, Total	7580		mg/kg	4.50	0.813	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Lead, Total	615		mg/kg	4.50	0.241	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Magnesium, Total	9490		mg/kg	9.01	1.39	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Manganese, Total	152		mg/kg	0.901	0.143	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Mercury, Total	0.119		mg/kg	0.077	0.050	1	11/23/20 18:08	11/24/20 10:19	EPA 7471B	1,7471B	EW
Nickel, Total	8.82		mg/kg	2.25	0.218	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Potassium, Total	915		mg/kg	225	13.0	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.80	0.232	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.901	0.255	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Sodium, Total	778		mg/kg	180	2.84	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.80	0.284	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Vanadium, Total	26.6		mg/kg	0.901	0.183	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV
Zinc, Total	313		mg/kg	4.50	0.264	2	11/23/20 18:07	11/24/20 00:04	EPA 3050B	1,6010D	BV



Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-03

Date Collected: 11/19/20 09:20

Client ID: S-21 (3-4)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5490		mg/kg	9.17	2.48	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.58	0.348	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Arsenic, Total	7.13		mg/kg	0.917	0.191	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Barium, Total	312		mg/kg	0.917	0.160	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.458	0.030	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Cadmium, Total	0.779	J	mg/kg	0.917	0.090	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Calcium, Total	76800		mg/kg	91.7	32.1	20	11/23/20 18:07	11/24/20 11:55	EPA 3050B	1,6010D	GD
Chromium, Total	10.0		mg/kg	0.917	0.088	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Cobalt, Total	4.19		mg/kg	1.83	0.152	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Copper, Total	15.9		mg/kg	0.917	0.236	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Iron, Total	7210		mg/kg	4.58	0.828	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Lead, Total	293		mg/kg	4.58	0.246	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Magnesium, Total	9240		mg/kg	9.17	1.41	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Manganese, Total	92.5		mg/kg	0.917	0.146	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Mercury, Total	0.203		mg/kg	0.076	0.049	1	11/23/20 18:08	11/24/20 10:22	EPA 7471B	1,7471B	EW
Nickel, Total	9.92		mg/kg	2.29	0.222	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Potassium, Total	966		mg/kg	229	13.2	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.83	0.236	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.917	0.260	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Sodium, Total	949		mg/kg	183	2.89	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.83	0.289	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Vanadium, Total	17.5		mg/kg	0.917	0.186	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV
Zinc, Total	231		mg/kg	4.58	0.269	2	11/23/20 18:07	11/24/20 00:09	EPA 3050B	1,6010D	BV



Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04

Date Collected: 11/19/20 12:00

Client ID: TW-6

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	40.8		mg/l	0.0500	0.0164	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Antimony, Total	0.00554	J	mg/l	0.02000	0.00214	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Arsenic, Total	0.02566		mg/l	0.00250	0.00082	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Barium, Total	3.515		mg/l	0.00250	0.00086	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00279		mg/l	0.00250	0.00053	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00481		mg/l	0.00100	0.00029	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Calcium, Total	583.		mg/l	0.500	0.197	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Chromium, Total	0.1818		mg/l	0.00500	0.00089	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Cobalt, Total	0.04733		mg/l	0.00250	0.00081	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Copper, Total	0.1873		mg/l	0.00500	0.00192	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Iron, Total	63.7		mg/l	0.250	0.0955	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Lead, Total	10.66		mg/l	0.00500	0.00171	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Magnesium, Total	162.		mg/l	0.350	0.121	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Manganese, Total	2.821		mg/l	0.00500	0.00220	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Mercury, Total	0.00090		mg/l	0.00020	0.00009	1	11/23/20 17:30	11/24/20 08:33	EPA 7470A	1,7470A	EW
Nickel, Total	0.1426		mg/l	0.01000	0.00278	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Potassium, Total	30.1		mg/l	0.500	0.154	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.0250	0.00865	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00200	0.00081	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Sodium, Total	728.		mg/l	0.500	0.146	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Thallium, Total	0.00179	J	mg/l	0.00500	0.00071	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Vanadium, Total	0.2728		mg/l	0.02500	0.00785	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Zinc, Total	2.693		mg/l	0.05000	0.01705	5	11/23/20 17:00	11/24/20 11:16	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0317		mg/l	0.0100	0.00327	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00264	J	mg/l	0.00400	0.00042	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00138		mg/l	0.00050	0.00016	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1156		mg/l	0.00050	0.00017	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM



Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04

Date Collected: 11/19/20 12:00

Client ID: TW-6

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Calcium, Dissolved	102.		mg/l	0.100	0.0394	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00322		mg/l	0.00100	0.00017	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00171		mg/l	0.00050	0.00016	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00591		mg/l	0.00100	0.00038	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.0467	J	mg/l	0.0500	0.0191	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00816		mg/l	0.00100	0.00034	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	117.		mg/l	0.0700	0.0242	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.1711		mg/l	0.00100	0.00044	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/23/20 17:36	11/24/20 08:21	EPA 7470A	1,7470A	EW
Nickel, Dissolved	0.02053		mg/l	0.00200	0.00055	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Potassium, Dissolved	21.6		mg/l	0.100	0.0309	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Selenium, Dissolved	0.00567		mg/l	0.00500	0.00173	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Sodium, Dissolved	946.		mg/l	1.00	0.293	10	11/23/20 13:44	11/23/20 19:02	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	0.00363	J	mg/l	0.00500	0.00157	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.00674	J	mg/l	0.01000	0.00341	1	11/23/20 13:44	11/23/20 18:06	EPA 3005A	1,6020B	AM



Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04 Batch: WG1437553-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Antimony, Total	ND	mg/l	0.00400	0.00042	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Barium, Total	ND	mg/l	0.00050	0.00017	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Calcium, Total	ND	mg/l	0.100	0.0394	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Chromium, Total	ND	mg/l	0.00100	0.00017	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Copper, Total	ND	mg/l	0.00100	0.00038	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Iron, Total	ND	mg/l	0.0500	0.0191	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Lead, Total	ND	mg/l	0.00100	0.00034	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Manganese, Total	ND	mg/l	0.00100	0.00044	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Nickel, Total	ND	mg/l	0.00200	0.00055	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Potassium, Total	ND	mg/l	0.100	0.0309	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Selenium, Total	ND	mg/l	0.00500	0.00173	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Silver, Total	ND	mg/l	0.00040	0.00016	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Sodium, Total	ND	mg/l	0.100	0.0293	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Thallium, Total	0.00015	J mg/l	0.00100	0.00014	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM
Zinc, Total	ND	mg/l	0.01000	0.00341	1	11/23/20 17:00	11/24/20 09:50	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 04 Batch: WG1437555-1									
Aluminum, Dissolved	ND	mg/l	0.0100	0.00327	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Antimony, Dissolved	ND	mg/l	0.00400	0.00042	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Arsenic, Dissolved	ND	mg/l	0.00050	0.00016	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM



Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis Batch Quality Control

Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Sodium, Dissolved	0.0558	J	mg/l	0.100	0.0293	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	11/23/20 13:44	11/23/20 17:25	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04 Batch: WG1437559-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/23/20 17:30	11/24/20 08:28	1,7470A	EW

Prep Information

Digestion Method: EPA 7470A



Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1437599-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Antimony, Total	ND		mg/kg	2.00	0.152	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Arsenic, Total	0.112	J	mg/kg	0.400	0.083	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Calcium, Total	ND		mg/kg	4.00	1.40	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Chromium, Total	0.100	J	mg/kg	0.400	0.038	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Iron, Total	2.13		mg/kg	2.00	0.361	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Manganese, Total	0.068	J	mg/kg	0.400	0.064	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Potassium, Total	ND		mg/kg	100	5.76	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Sodium, Total	6.09	J	mg/kg	80.0	1.26	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/23/20 18:07	11/23/20 22:41	1,6010D	BV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1437600-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/23/20 18:08	11/24/20 09:29	1,7471B	EW



Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 04 Batch: WG1437637-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00009	1	11/23/20 17:36	11/24/20 08:17	1,7470A	EW

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Project Number: 11571

Lab Number: L2051740

Report Date: 11/30/20

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1437553-2								
Aluminum, Total	100		-		80-120	-		
Antimony, Total	84		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	95		-		80-120	-		
Cadmium, Total	112		-		80-120	-		
Calcium, Total	98		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	104		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	99		-		80-120	-		
Potassium, Total	98		-		80-120	-		
Selenium, Total	97		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1437553-2					
Zinc, Total	105	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1437555-2					
Aluminum, Dissolved	98	-	80-120	-	
Antimony, Dissolved	98	-	80-120	-	
Arsenic, Dissolved	104	-	80-120	-	
Barium, Dissolved	102	-	80-120	-	
Beryllium, Dissolved	103	-	80-120	-	
Cadmium, Dissolved	107	-	80-120	-	
Calcium, Dissolved	106	-	80-120	-	
Chromium, Dissolved	97	-	80-120	-	
Cobalt, Dissolved	99	-	80-120	-	
Copper, Dissolved	99	-	80-120	-	
Iron, Dissolved	102	-	80-120	-	
Lead, Dissolved	103	-	80-120	-	
Magnesium, Dissolved	107	-	80-120	-	
Manganese, Dissolved	98	-	80-120	-	
Nickel, Dissolved	96	-	80-120	-	
Potassium, Dissolved	108	-	80-120	-	
Selenium, Dissolved	101	-	80-120	-	
Silver, Dissolved	103	-	80-120	-	
Sodium, Dissolved	104	-	80-120	-	
Thallium, Dissolved	100	-	80-120	-	
Vanadium, Dissolved	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1437555-2					
Zinc, Dissolved	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1437559-2					
Mercury, Total	110	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1437599-2 SRM Lot Number: D109-540					
Aluminum, Total	71	-	50-150	-	
Antimony, Total	164	-	19-250	-	
Arsenic, Total	99	-	70-130	-	
Barium, Total	97	-	75-125	-	
Beryllium, Total	97	-	75-125	-	
Cadmium, Total	94	-	75-125	-	
Calcium, Total	92	-	73-128	-	
Chromium, Total	97	-	70-130	-	
Cobalt, Total	95	-	75-125	-	
Copper, Total	97	-	75-125	-	
Iron, Total	95	-	35-165	-	
Lead, Total	95	-	72-128	-	
Magnesium, Total	85	-	62-138	-	
Manganese, Total	96	-	74-126	-	
Nickel, Total	95	-	70-130	-	
Potassium, Total	87	-	59-141	-	
Selenium, Total	96	-	68-132	-	
Silver, Total	97	-	68-131	-	
Sodium, Total	102	-	35-165	-	
Thallium, Total	97	-	68-131	-	
Vanadium, Total	97	-	59-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Project Number: 11571

Lab Number: L2051740

Report Date: 11/30/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1437599-2 SRM Lot Number: D109-540					
Zinc, Total	97	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1437600-2 SRM Lot Number: D109-540					
Mercury, Total	98	-	60-140	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1437637-2					
Mercury, Dissolved	107	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437553-3 QC Sample: L2051740-04 Client ID: TW-6												
Aluminum, Total	40.8	4	93.7	1320	Q	-	-		75-125	-		20
Antimony, Total	0.00554J	1	0.2680	27	Q	-	-		75-125	-		20
Arsenic, Total	0.02566	0.24	0.2364	88		-	-		75-125	-		20
Barium, Total	3.515	4	8.155	116		-	-		75-125	-		20
Beryllium, Total	0.00279	0.1	0.09906	96		-	-		75-125	-		20
Cadmium, Total	0.00481	0.102	0.1140	107		-	-		75-125	-		20
Calcium, Total	583.	20	666	415	Q	-	-		75-125	-		20
Chromium, Total	0.1818	0.4	0.6986	129	Q	-	-		75-125	-		20
Cobalt, Total	0.04733	1	1.046	100		-	-		75-125	-		20
Copper, Total	0.1873	0.5	0.7978	122		-	-		75-125	-		20
Iron, Total	63.7	2	128	3220	Q	-	-		75-125	-		20
Lead, Total	10.66	1.02	13.04	233	Q	-	-		75-125	-		20
Magnesium, Total	162.	20	204	210	Q	-	-		75-125	-		20
Manganese, Total	2.821	1	4.533	171	Q	-	-		75-125	-		20
Nickel, Total	0.1426	1	1.150	101		-	-		75-125	-		20
Potassium, Total	30.1	20	63.8	168	Q	-	-		75-125	-		20
Selenium, Total	ND	0.24	0.169	70	Q	-	-		75-125	-		20
Silver, Total	ND	0.1	0.1032	103		-	-		75-125	-		20
Sodium, Total	728.	20	778	250	Q	-	-		75-125	-		20
Thallium, Total	0.00179J	0.24	0.2342	98		-	-		75-125	-		20
Vanadium, Total	0.2728	1	1.392	112		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437553-3 QC Sample: L2051740-04 Client ID: TW-6										
Zinc, Total	2.693	1	5.541	285	Q	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437555-3 QC Sample: L2051740-04 Client ID: TW-6									
Aluminum, Dissolved	0.0317	2	1.97	97	-	-	75-125	-	20
Antimony, Dissolved	0.00264J	0.5	0.5411	108	-	-	75-125	-	20
Arsenic, Dissolved	0.00138	0.12	0.1219	100	-	-	75-125	-	20
Barium, Dissolved	0.1156	2	2.138	101	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05093	102	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05113	100	-	-	75-125	-	20
Calcium, Dissolved	102.	10	122	200	Q	-	75-125	-	20
Chromium, Dissolved	0.00322	0.2	0.1896	93	-	-	75-125	-	20
Cobalt, Dissolved	0.00171	0.5	0.4757	95	-	-	75-125	-	20
Copper, Dissolved	0.00591	0.25	0.2389	93	-	-	75-125	-	20
Iron, Dissolved	0.0467J	1	0.966	97	-	-	75-125	-	20
Lead, Dissolved	0.00816	0.51	0.5366	104	-	-	75-125	-	20
Magnesium, Dissolved	117.	10	123	60	Q	-	75-125	-	20
Manganese, Dissolved	0.1711	0.5	0.6615	98	-	-	75-125	-	20
Nickel, Dissolved	0.02053	0.5	0.4855	93	-	-	75-125	-	20
Potassium, Dissolved	21.6	10	33.0	114	-	-	75-125	-	20
Selenium, Dissolved	0.00567	0.12	0.124	99	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05036	101	-	-	75-125	-	20
Sodium, Dissolved	946.	10	886	0	Q	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1239	103	-	-	75-125	-	20
Vanadium, Dissolved	0.00363J	0.5	0.4868	97	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437555-3 QC Sample: L2051740-04 Client ID: TW-6									
Zinc, Dissolved	0.00674J	0.5	0.4877	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437559-3 QC Sample: L2051740-04 Client ID: TW-6									
Mercury, Total	0.00090	0.005	0.00596	101	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1437599-3 QC Sample: L2051528-01 Client ID: MS Sample									
Aluminum, Total	1550	160	1590	25	Q	-	75-125	-	20
Antimony, Total	ND	40	38.1	95	-	-	75-125	-	20
Arsenic, Total	0.786	9.6	10.6	102	-	-	75-125	-	20
Barium, Total	6.26	160	159	95	-	-	75-125	-	20
Beryllium, Total	0.087J	4	3.81	95	-	-	75-125	-	20
Cadmium, Total	0.147J	4.08	4.13	101	-	-	75-125	-	20
Calcium, Total	176	800	860	86	-	-	75-125	-	20
Chromium, Total	3.07	16	17.1	88	-	-	75-125	-	20
Cobalt, Total	1.89	40	38.4	91	-	-	75-125	-	20
Copper, Total	3.50	20	22.0	92	-	-	75-125	-	20
Iron, Total	5060	80	4530	0	Q	-	75-125	-	20
Lead, Total	1.49J	40.8	39.3	96	-	-	75-125	-	20
Magnesium, Total	406	800	1050	80	-	-	75-125	-	20
Manganese, Total	72.6	40	110	94	-	-	75-125	-	20
Nickel, Total	3.70	40	38.8	88	-	-	75-125	-	20
Potassium, Total	220	800	962	93	-	-	75-125	-	20
Selenium, Total	0.131J	9.6	9.63	100	-	-	75-125	-	20
Silver, Total	ND	24	23.2	97	-	-	75-125	-	20
Sodium, Total	30.7J	800	831	104	-	-	75-125	-	20
Thallium, Total	ND	9.6	8.84	92	-	-	75-125	-	20
Vanadium, Total	3.21	40	39.8	91	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 329 HUGUENOT
Project Number: 11571

Lab Number: L2051740
Report Date: 11/30/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1437599-3 QC Sample: L2051528-01 Client ID: MS Sample									
Zinc, Total	6.77	40	43.0	90	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1437600-3 QC Sample: L2051528-01 Client ID: MS Sample									
Mercury, Total	ND	0.132	0.137	103	-	-	80-120	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437637-3 QC Sample: L2051740-04 Client ID: TW-6									
Mercury, Dissolved	ND	0.005	0.00503	101	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Project Number: 11571

Lab Number: L2051740

Report Date: 11/30/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437553-4 QC Sample: L2051740-04 Client ID: TW-6						
Aluminum, Total	40.8	106	mg/l	89	Q	20
Antimony, Total	0.00554J	0.01025J	mg/l	NC		20
Arsenic, Total	0.02566	0.05828	mg/l	78	Q	20
Barium, Total	3.515	11.67	mg/l	107	Q	20
Beryllium, Total	0.00279	0.00535	mg/l	63	Q	20
Cadmium, Total	0.00481	0.00629	mg/l	27	Q	20
Calcium, Total	583.	652	mg/l	11		20
Chromium, Total	0.1818	0.3392	mg/l	60	Q	20
Cobalt, Total	0.04733	0.08174	mg/l	53	Q	20
Copper, Total	0.1873	0.3439	mg/l	59	Q	20
Iron, Total	63.7	176	mg/l	94	Q	20
Lead, Total	10.66	12.33	mg/l	15		20
Magnesium, Total	162.	194	mg/l	18		20
Manganese, Total	2.821	3.915	mg/l	32	Q	20
Nickel, Total	0.1426	0.2557	mg/l	57	Q	20
Potassium, Total	30.1	55.2	mg/l	59	Q	20
Selenium, Total	ND	0.0136J	mg/l	NC		20
Silver, Total	ND	0.00237	mg/l	NC		20
Sodium, Total	728.	784	mg/l	7		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Project Number: 11571

Lab Number: L2051740

Report Date: 11/30/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437553-4 QC Sample: L2051740-04 Client ID: TW-6					
Thallium, Total	0.00179J	0.00594	mg/l	NC	20
Vanadium, Total	0.2728	0.4641	mg/l	52 Q	20
Zinc, Total	2.693	4.349	mg/l	47 Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Project Number: 11571

Lab Number: L2051740

Report Date: 11/30/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437555-4 QC Sample: L2051740-04 Client ID: TW-6					
Aluminum, Dissolved	0.0317	0.0297	mg/l	7	20
Antimony, Dissolved	0.00264J	0.00353J	mg/l	NC	20
Arsenic, Dissolved	0.00138	0.00135	mg/l	2	20
Barium, Dissolved	0.1156	0.1142	mg/l	1	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	102.	103	mg/l	1	20
Chromium, Dissolved	0.00322	0.00345	mg/l	7	20
Cobalt, Dissolved	0.00171	0.00170	mg/l	1	20
Copper, Dissolved	0.00591	0.00175	mg/l	108	Q 20
Iron, Dissolved	0.0467J	0.0389J	mg/l	NC	20
Lead, Dissolved	0.00816	0.00821	mg/l	1	20
Magnesium, Dissolved	117.	118	mg/l	1	20
Manganese, Dissolved	0.1711	0.1734	mg/l	1	20
Nickel, Dissolved	0.02053	0.01997	mg/l	3	20
Potassium, Dissolved	21.6	21.8	mg/l	1	20
Selenium, Dissolved	0.00567	0.00513	mg/l	10	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Thallium, Dissolved	ND	0.00031J	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Project Number: 11571

Lab Number: L2051740

Report Date: 11/30/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437555-4 QC Sample: L2051740-04 Client ID: TW-6					
Vanadium, Dissolved	0.00363J	0.00372J	mg/l	NC	20
Zinc, Dissolved	0.00674J	0.00682J	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437555-4 QC Sample: L2051740-04 Client ID: TW-6					
Sodium, Dissolved	946.	889	mg/l	6	20
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437559-4 QC Sample: L2051740-04 Client ID: TW-6					
Mercury, Total	0.00090	0.00095	mg/l	5	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1437599-4 QC Sample: L2051528-01 Client ID: DUP Sample					
Arsenic, Total	0.786	0.362J	mg/kg	NC	20
Barium, Total	6.26	7.68	mg/kg	20	20
Cadmium, Total	0.147J	0.323J	mg/kg	NC	20
Chromium, Total	3.07	2.69	mg/kg	13	20
Lead, Total	1.49J	1.95	mg/kg	NC	20
Selenium, Total	0.131J	0.385J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1437600-4 QC Sample: L2051528-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1437637-4 QC Sample: L2051740-04 Client ID: TW-6					
Mercury, Dissolved	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-01

Date Collected: 11/19/20 08:45

Client ID: S-19 (2-3)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	11/20/20 12:08	121,2540G	RI
Cyanide, Total	3.8		mg/kg	1.2	0.25	1	11/24/20 09:40	11/24/20 12:54	1,9010C/9012B	CR



Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-02

Date Collected: 11/19/20 09:00

Client ID: S-20 (4-5)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	11/20/20 12:08	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	11/24/20 09:40	11/24/20 12:55	1,9010C/9012B	CR



Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-03

Date Collected: 11/19/20 09:20

Client ID: S-21 (3-4)

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	11/20/20 12:08	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	11/24/20 09:40	11/24/20 13:03	1,9010C/9012B	CR



Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

SAMPLE RESULTS

Lab ID: L2051740-04

Date Collected: 11/19/20 12:00

Client ID: TW-6

Date Received: 11/19/20

Sample Location: NEW ROCHELLE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.005		mg/l	0.005	0.001	1	11/24/20 11:40	11/24/20 16:16	1,9010C/9012B	CR



Project Name: 329 HUGUENOT

Lab Number: L2051740

Project Number: 11571

Report Date: 11/30/20

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1437608-1									
Cyanide, Total	ND	mg/kg	0.94	0.20	1	11/24/20 09:40	11/24/20 12:35	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1437609-1									
Cyanide, Total	ND	mg/kg	0.94	0.20	1	11/24/20 09:40	11/24/20 12:38	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 04 Batch: WG1437951-1									
Cyanide, Total	ND	mg/l	0.005	0.001	1	11/24/20 11:40	11/24/20 16:08	1,9010C/9012B	CR

Lab Control Sample Analysis

Batch Quality Control

Project Name: 329 HUGUENOT

Project Number: 11571

Lab Number: L2051740

Report Date: 11/30/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1437608-2 WG1437608-3								
Cyanide, Total	31	Q	57	Q	80-120	55	Q	35
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1437609-2 WG1437609-3								
Cyanide, Total	31	Q	56	Q	80-120	59	Q	35
General Chemistry - Westborough Lab Associated sample(s): 04 Batch: WG1437951-2 WG1437951-3								
Cyanide, Total	93		91		85-115	2		20

Matrix Spike Analysis Batch Quality Control

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Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1437608-4 WG1437608-5 QC Sample: L2051163-03 Client ID: MS Sample												
Cyanide, Total	ND	16	14	84		15	88		75-125	7		35
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1437951-4 WG1437951-5 QC Sample: L2052146-02 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.109	54	Q	0.196	98		80-120	57	Q	20

Lab Duplicate Analysis

Batch Quality Control

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Lab Number: L2051740

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Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1436620-1 QC Sample: L2051595-07 Client ID: DUP Sample						
Solids, Total	71.4	70.8	%	1		20

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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2051740-01A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-01B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-01C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-01D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2051740-01D1	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2051740-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2051740-01F	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051740-01G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2051740-01X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-01Y	Vial Water preserved split	A	NA		2.8	Y	Absent	20-NOV-20 14:32	NYTCL-8260HLW(14)
L2051740-01Z	Vial Water preserved split	A	NA		2.8	Y	Absent	20-NOV-20 14:32	NYTCL-8260HLW(14)
L2051740-02A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-02B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-02C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-02D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2051740-02D1	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2051740-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2051740-02F	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2051740-02G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L2051740-02X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-02Y	Vial Water preserved split	A	NA		2.8	Y	Absent	20-NOV-20 14:32	NYTCL-8260HLW(14)
L2051740-02Z	Vial Water preserved split	A	NA		2.8	Y	Absent	20-NOV-20 14:32	NYTCL-8260HLW(14)
L2051740-03A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-03B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-03C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-03D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2051740-03D1	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2051740-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2051740-03F	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051740-03G	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2051740-03X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2051740-03Y	Vial Water preserved split	A	NA		2.8	Y	Absent	20-NOV-20 14:32	NYTCL-8260HLW(14)
L2051740-03Z	Vial Water preserved split	A	NA		2.8	Y	Absent	20-NOV-20 14:32	NYTCL-8260HLW(14)
L2051740-04A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2051740-04B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2051740-04C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2051740-04D	Plastic 250ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051740-04E	Plastic 250ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2051740-04F	Plastic 250ml unpreserved	A	7	7	2.8	Y	Absent		-

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2051740-04G	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2051740-04H	Plastic 250ml NaOH preserved	A	>12	>12	2.8	Y	Absent		TCN-9010(14)
L2051740-04I	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8082-LVI(7)
L2051740-04J	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8082-LVI(7)
L2051740-04K	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2051740-04L	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2051740-04M	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2051740-04N	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2051740-04X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.8	Y	Absent		SE-6020S(180),CU-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),ZN-6020S(180),MG-6020S(180),CO-6020S(180),BE-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),PB-6020S(180),NA-6020S(180),BA-6020S(180),TL-6020S(180),NI-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2051740-05A	Plastic 250ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(14)

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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-Chloroeicosafuoro-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	PFEEESA	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. 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.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

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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.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



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 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

EPA TO-12 Non-methane organics

EPA 3C Fixed gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg. **EPA 522.**

Non-Potable Water


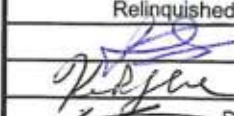
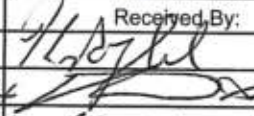

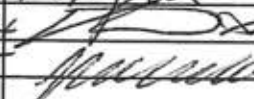

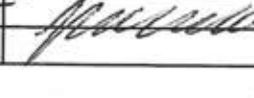
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 ALPHA <small>ANALYTICAL</small>	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 1	Date Rec'd in Lab 11/20/20 11/16/20	ALPHA Job # 120 51740															
			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: <u>329 Huguenot</u> Project Location: <u>New Rochelle, NY</u> Project # <u>11571</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO# <u>11571</u> <u>Phase 1</u>																
Client Information Client: <u>Ses:</u> Address: <u>12a Maple ave</u> <u>Pine Brook, NJ</u> Phone: <u>973 828 9050</u> Fax: Email: <u>JAM@ses.org</u>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input checked="" type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:																
Turn-Around Time Standard <input type="checkbox"/> Rush (only if pre approved) <input checked="" type="checkbox"/> <u>BY</u> Due Date: <u>3 DAY</u> # of Days: <u>3 DAY</u>		ANALYSIS These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Please specify Metals or TAL.																		
				Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)																
				Total Bottles																
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TAL (130/TAL) PFAS (537) 1.4 JOURNAL (820) m Dissolved Metals TAL														
		Date	Time																	
<u>51740-01</u>	<u>S-19 (2-3)</u>	<u>11/19/20</u>	<u>845</u>	<u>Soil</u>	<u>JCS</u>	<u>X</u>	<u>X</u>	<u>X</u>												
<u>-02</u>	<u>S-20 (4-5)</u>		<u>900</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>												
<u>03</u>	<u>S-21 (3-4)</u>		<u>920</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>												
<u>-04</u>	<u>TW-6</u>		<u>1200</u>	<u>6W</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>												
<u>-05</u>	<u>FB</u>		<u>1215</u>	<u>DI</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>												
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		FA P A P AB A A A KE		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)										
		Relinquished By:		Date/Time		Received By:		Date/Time												
				<u>11/19/20</u>				<u>11/19/20 16:50</u>												
				<u>11/19/20 17:54</u>				<u>11/19/20 2000</u>												
				<u>11/20/20 0015</u>				<u>11/20/20 0015</u>												