NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

Site Name: Nassau Metals OU-2

Site Number: V00159

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? yes

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 100-200

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

All samples collected from a "Post-Treatment" stockpile.

Three (3) 5-point composite samples analyzed for Part 375 SVOCs, inorganics, PCBs, Pesticides, Herbicides, Cyanide, and PFAS.

Nine (9) discrete grab samples analyzed for Part 375 VOCs.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

No VOC detections above MDLS.
No PFAS or 1,4-Dioxane detections above MDLs.
Several SVOC detections but all concentrations were below Unrestricted Use SCOs.
No Pesticides, Herbicides, or PCB detections above MDLs
Several heavy metal detections but all concentrations were below Unrestricted Use SCOs.
Cyanide detected in one (1) sample but concentrations were below Unrestricted Use SCOs.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Posillico Materials, LLC; vendor

Name and address of fill source:

1610 New Highway, Farmingdale, NY 11735

Location where fill was obtained:

Post-Treatment On-site Stockpile

Identification of any state or local approvals as a fill source:

NYSDEC Registered Facility (ID # 1-4720-00695)

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

1. Laboratory Analytical Report
2. Laboratory Data Comparison Table
3. Gradation Report
4. NYSDEC Facility Operating Permit

The information provided on this form is accurate and complete.

Digitally signed by Jamie Burgher
Date: 2025.07.14 11:50:23 -04'00'

Signature

7/14/2025

Date

Jamie Burgher

Print Name

Laurel Environmental Geosciences, DPC.

Firm

Technical Report

prepared for:

Posillico Materials
1750 New Highway
Farmingdale NY, 11735
Attention: Albert Kim

Report Date: 06/30/2025
Client Project ID: Granular Fill
York Project (SDG) No.: 25F1107

Revision No. 1.0

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 06/30/2025
Client Project ID: Granular Fill
York Project (SDG) No.: 25F1107

Posillico Materials
1750 New Highway
Farmingdale NY, 11735
Attention: Albert Kim

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 17, 2025 and listed below. The project was identified as your project: **Granular Fill**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25F1107-01	GF-COMP-01	Soil	06/17/2025	06/17/2025
25F1107-02	GF-COMP-02	Soil	06/17/2025	06/17/2025
25F1107-03	GF-COMP-03	Soil	06/17/2025	06/17/2025
25F1107-04	GF-PFAS-01	Soil	06/17/2025	06/17/2025
25F1107-05	GF-PFAS-02	Soil	06/17/2025	06/17/2025
25F1107-06	GF-PFAS-03	Soil	06/17/2025	06/17/2025
25F1107-07	GF-1,4 Dioxane-01	Soil	06/17/2025	06/17/2025
25F1107-08	GF-1,4 Dioxane-02	Soil	06/17/2025	06/17/2025
25F1107-09	GF-1,4 Dioxane-03	Soil	06/17/2025	06/17/2025
25F1107-10	GF-01	Soil	06/17/2025	06/17/2025
25F1107-11	GF-02	Soil	06/17/2025	06/17/2025
25F1107-12	GF-03	Soil	06/17/2025	06/17/2025
25F1107-13	GF-04	Soil	06/17/2025	06/17/2025
25F1107-14	GF-05	Soil	06/17/2025	06/17/2025
25F1107-15	GF-06	Soil	06/17/2025	06/17/2025
25F1107-16	GF-07	Soil	06/17/2025	06/17/2025
25F1107-17	GF-08	Soil	06/17/2025	06/17/2025
25F1107-18	GF-09	Soil	06/17/2025	06/17/2025
25F1107-19	FB-01	Water	06/17/2025	06/17/2025
25F1107-20	FB-02	Water	06/17/2025	06/17/2025
25F1107-21	Trip Blank	Water	06/17/2025	06/17/2025

General Notes for York Project (SDG) No.: 25F1107

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 06/30/2025

Sample Information

Client Sample ID: **GF-COMP-01** **York Sample ID:** **25F1107-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:29 am	06/17/2025

SVOA, 8270 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 09:18	06/20/2025 00:25	AK
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 09:18	06/20/2025 00:25	AK
83-32-9	**Acenaphthene**	**65.5**	J	ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
208-96-8	**Acenaphthylene**	**67.6**	J	ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
120-12-7	**Anthracene**	**293**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
56-55-3	**Benzo(a)anthracene**	**415**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
50-32-8	**Benzo(a)pyrene**	**299**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
205-99-2	**Benzo(b)fluoranthene**	**323**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
191-24-2	**Benzo(g,h,i)perylene**	**259**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
207-08-9	**Benzo(k)fluoranthene**	**240**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
218-01-9	**Chrysene**	**354**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
53-70-3	**Dibenzo(a,h)anthracene**	**63.4**	J	ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
132-64-9	**Dibenzofuran**	**77.4**	J	ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
206-44-0	**Fluoranthene**	**961**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
86-73-7	**Fluorene**	**131**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 09:18	06/20/2025 00:25	AK
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 09:18	06/20/2025 00:25	AK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 09:18	06/20/2025 00:25	AK
91-20-3	**Naphthalene**	**2720**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 09:18	06/20/2025 00:25	AK
85-01-8	**Phenanthrene**	**958**		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 00:25	AK
108-95-2	Phenol	ND		ug/kg dry	43.7	87.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 09:18	06/20/2025 00:25	AK

Sample Information

Client Sample ID: **GF-COMP-01** **York Sample ID:** **25F1107-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:29 am	06/17/2025

SVOA, 8270 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	**Pyrene**	**820**		ug/kg dry	43.7	87.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:25	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*99.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*79.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*83.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.9 %*	*24-116*

PEST, 8081 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
309-00-2	Aldrin	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-86-8	delta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
60-57-1	Dieldrin	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-20-8	Endrin	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
76-44-8	Heptachlor	ND		ug/kg dry	1.72	5	EPA 8081B	06/18/2025 07:00	06/18/2025 22:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: **GF-COMP-01** **York Sample ID:** **25F1107-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:29 am	06/17/2025

PEST, 8081 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.6 %*	*30-150*

PCB, 8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:25	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:25	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:25	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:25	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:25	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:25	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:25	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	06/18/2025 08:00	06/18/2025 21:25	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.0 %*	*30-120*

HERB, 8151 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.0	1	EPA 8151A Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2025 11:26	GXB

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*73.4 %*	*21-150*

Metals, NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **GF-COMP-01** **York Sample ID:** **25F1107-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:29 am	06/17/2025

Metals, NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.32**		mg/kg dry	1.32	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**26.7**		mg/kg dry	2.20	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.264	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-47-3	**Chromium**	**7.27**		mg/kg dry	0.440	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**29.4**		mg/kg dry	1.76	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**41.9**		mg/kg dry	0.440	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**110**		mg/kg dry	0.440	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**7.99**		mg/kg dry	0.876	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.20	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.443	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**80.8**		mg/kg dry	2.19	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.134**		mg/kg dry	0.0317	1	EPA 7473	06/19/2025 13:10	06/20/2025 12:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A	06/18/2025 09:48	06/18/2025 18:17	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: GF-COMP-01 **York Sample ID:** 25F1107-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:29 am	06/17/2025

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**7.27**		mg/kg	0.500	1	Calculation	06/20/2025 14:48	06/20/2025 15:24	SL
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.648**		mg/kg dry	0.528	1	EPA 9014/9010C	06/19/2025 09:03	06/19/2025 14:32	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444(		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.7**		%	0.100	1	SM 2540G	06/18/2025 09:10	06/18/2025 10:28	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GF-COMP-02 **York Sample ID:** 25F1107-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:37 am	06/17/2025

SVOA, 8270 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
83-32-9	Acenaphthene	ND		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	Acenaphthylene	ND		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**86.1**	J	ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
56-55-3	**Benzo(a)anthracene**	**242**		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
50-32-8	**Benzo(a)pyrene**	**236**		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
205-99-2	**Benzo(b)fluoranthene**	**211**		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: GF-COMP-02 **York Sample ID:** 25F1107-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:37 am	06/17/2025

SVOA, 8270 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**178**		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
207-08-9	**Benzo(k)fluoranthene**	**188**		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
218-01-9	**Chrysene**	**231**		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	**Dibenzo(a,h)anthracene**	**46.8**	J	ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
132-64-9	Dibenzofuran	ND		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**636**		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	Fluorene	ND		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**128**		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
91-20-3	Naphthalene	ND		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	**Phenanthrene**	**308**		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
108-95-2	Phenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	**Pyrene**	**568**		ug/kg dry	43.2	86.2	2	EPA 8270E	06/18/2025 09:18	06/20/2025 00:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.5 %*	*24-116*

PEST, 8081 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.70	5	EPA 8081B	06/18/2025 07:00	06/18/2025 23:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: GF-COMP-02 **York Sample ID:** 25F1107-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:37 am	06/17/2025

PEST, 8081 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
309-00-2	Aldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 NELAC-NY10854,NJDEP-CT005	06/18/2025 23:16	RJ
319-85-7	beta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
319-86-8	delta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
60-57-1	Dieldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854	06/18/2025 23:16	RJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
72-20-8	Endrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ
76-44-8	Heptachlor	ND		ug/kg dry	1.70	5	EPA 8081B Certifications:	06/18/2025 07:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 23:16	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.3 %*	*30-150*

PCB, 8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:39	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:39	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:39	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	06/18/2025 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 21:39	NF

Sample Information

Client Sample ID: GF-COMP-02 | **York Sample ID:** 25F1107-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:37 am	06/17/2025

PCB, 8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 08:00	06/18/2025 21:39	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 08:00	06/18/2025 21:39	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 08:00	06/18/2025 21:39	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	06/18/2025 08:00	06/18/2025 21:39	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.0 %*	*30-120*

HERB, 8151 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.5	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/19/2025 11:33	GXB

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*75.8 %*	*21-150*

Metals, NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.30**		mg/kg dry	1.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/19/2025 14:41	06/20/2025 11:35	AGNR
7440-39-3	**Barium**	**29.9**		mg/kg dry	2.17	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/19/2025 14:41	06/20/2025 11:35	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2025 14:41	06/20/2025 11:35	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.261	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2025 14:41	06/20/2025 11:35	AGNR
7440-47-3	**Chromium**	**11.4**		mg/kg dry	0.435	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/19/2025 14:41	06/20/2025 11:35	AGNR
7440-50-8	**Copper**	**43.3**		mg/kg dry	1.74	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/19/2025 14:41	06/20/2025 11:35	AGNR
7439-92-1	**Lead**	**38.1**		mg/kg dry	0.435	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/19/2025 14:41	06/20/2025 11:35	AGNR
7439-96-5	**Manganese**	**97.9**		mg/kg dry	0.435	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/19/2025 14:41	06/20/2025 11:35	AGNR

Sample Information

Client Sample ID: GF-COMP-02 **York Sample ID:** 25F1107-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:37 am	06/17/2025

Metals, NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**9.89**		mg/kg dry	0.866	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.17	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.438	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**49.0**		mg/kg dry	2.17	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0426**		mg/kg dry	0.0313	1	EPA 7473	06/19/2025 13:10	06/20/2025 12:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A	06/19/2025 09:51	06/19/2025 17:22	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.4**		mg/kg	0.500	1	Calculation	06/20/2025 14:48	06/20/2025 15:24	SL
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.522	1	EPA 9014/9010C	06/19/2025 09:03	06/19/2025 14:32	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.8**		%	0.100	1	SM 2540G	06/18/2025 09:10	06/18/2025 10:28	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **GF-COMP-02** **York Sample ID:** **25F1107-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:37 am	06/17/2025

Sample Information

Client Sample ID: **GF-COMP-03** **York Sample ID:** **25F1107-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:45 am	06/17/2025

SVOA, 8270 NYSDEC Part 375 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2025 01:26	AK
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2025 01:26	AK
83-32-9	**Acenaphthene**	**80.5**	J	ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK
208-96-8	Acenaphthylene	ND		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2025 01:26	AK
120-12-7	**Anthracene**	**151**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK
56-55-3	**Benzo(a)anthracene**	**348**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK
50-32-8	**Benzo(a)pyrene**	**313**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK
205-99-2	**Benzo(b)fluoranthene**	**341**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK
191-24-2	**Benzo(g,h,i)perylene**	**218**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK
207-08-9	**Benzo(k)fluoranthene**	**276**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK
218-01-9	**Chrysene**	**335**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK
53-70-3	**Dibenzo(a,h)anthracene**	**62.1**	J	ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK
132-64-9	Dibenzofuran	ND		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2025 01:26	AK
206-44-0	**Fluoranthene**	**648**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK
86-73-7	**Fluorene**	**78.5**	J	ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2025 01:26	AK
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2025 01:26	AK
193-39-5	**Indeno(1,2,3-cd)pyrene**	**199**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications:	06/18/2025 09:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/20/2025 01:26	AK

Sample Information

Client Sample ID: **GF-COMP-03** **York Sample ID:** **25F1107-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:45 am	06/17/2025

SVOA, 8270 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**62.1**	J	ug/kg dry	42.8	85.4	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 01:26	AK
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	42.8	85.4	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 09:18	06/20/2025 01:26	AK
85-01-8	**Phenanthrene**	**717**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 01:26	AK
108-95-2	Phenol	ND		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 09:18	06/20/2025 01:26	AK
129-00-0	**Pyrene**	**699**		ug/kg dry	42.8	85.4	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	06/18/2025 09:18	06/20/2025 01:26	AK

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.0 %*	*24-116*

PEST, 8081 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
309-00-2	Aldrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	06/18/2025 07:00	06/18/2025 23:33	RJ
319-85-7	beta-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
319-86-8	delta-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
60-57-1	Dieldrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ

Sample Information

Client Sample ID: GF-COMP-03 | **York Sample ID:** 25F1107-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:45 am	06/17/2025

PEST, 8081 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	06/18/2025 07:00	06/18/2025 23:33	RJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
72-20-8	Endrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ
76-44-8	Heptachlor	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/18/2025 07:00	06/18/2025 23:33	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.8 %*	*30-150*

PCB, 8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 08:00	06/18/2025 21:53	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 08:00	06/18/2025 21:53	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 08:00	06/18/2025 21:53	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 08:00	06/18/2025 21:53	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 08:00	06/18/2025 21:53	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 08:00	06/18/2025 21:53	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	06/18/2025 08:00	06/18/2025 21:53	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	06/18/2025 08:00	06/18/2025 21:53	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.5 %*	*30-120*

HERB, 8151 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: GF-COMP-03 **York Sample ID:** 25F1107-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:45 am	06/17/2025

HERB, 8151 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.6	1	EPA 8151A	06/18/2025 07:00	06/19/2025 12:09	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*68.2 %*	*21-150*

Metals, NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.19**		mg/kg dry	1.29	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**19.3**		mg/kg dry	2.15	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	Beryllium	ND		mg/kg dry	0.043	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.258	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-47-3	**Chromium**	**9.55**		mg/kg dry	0.431	1	EPA 6010D	06/25/2025 13:13	06/26/2025 10:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**24.1**		mg/kg dry	1.72	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**27.9**		mg/kg dry	0.431	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**107**		mg/kg dry	0.431	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**21.4**		mg/kg dry	0.858	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.15	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.434	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**38.0**		mg/kg dry	2.15	1	EPA 6010D	06/19/2025 14:41	06/20/2025 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0310	1	EPA 7473	06/19/2025 13:10	06/20/2025 12:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: GF-COMP-03 **York Sample ID:** 25F1107-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:45 am	06/17/2025

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.517	1	EPA 7196A	06/19/2025 09:51	06/19/2025 17:22	JMT
							Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**9.55**		mg/kg	0.500	1	Calculation	06/20/2025 14:48	06/20/2025 15:24	SL
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.517	1	EPA 9014/9010C	06/19/2025 09:03	06/19/2025 14:32	LJM
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G	06/18/2025 11:13	06/18/2025 11:26	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: GF-PFAS-01 **York Sample ID:** 25F1107-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:10 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	06/19/2025 12:23	06/22/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0559	0.211	1	EPA 1633 Draft 3	06/19/2025 12:23	06/22/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	06/19/2025 12:23	06/22/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **GF-PFAS-01** **York Sample ID:** **25F1107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:10 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.791	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.797	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.376	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0654	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM

Sample Information

Client Sample ID: **GF-PFAS-01** **York Sample ID:** **25F1107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:10 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.628	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.641	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.260	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:18	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.669	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.645	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.735	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:18	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*112 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*105 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*98.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*20.2 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: **GF-PFAS-01** **York Sample ID:** **25F1107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:10 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*102 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*93.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*75.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*107 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*103 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*100 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*62.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*50.1 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*47.9 %*			*25-150*						

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.4**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 12:12	06/19/2025 14:21	AC

Sample Information

Client Sample ID: **GF-PFAS-02** **York Sample ID:** **25F1107-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:16 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0564	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM

Sample Information

Client Sample ID: GF-PFAS-02

York Sample ID: 25F1107-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:16 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.798	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.803	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0660	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM

Sample Information

Client Sample ID: **GF-PFAS-02** **York Sample ID:** **25F1107-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:16 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.633	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.647	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.675	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.650	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.742	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:31	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*110 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*84.1 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*118 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*91.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.9 %*	*10-150*

Sample Information

Client Sample ID: **GF-PFAS-02** **York Sample ID:** **25F1107-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:16 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.75 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*108 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*41.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*71.0 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*114 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*131 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*102 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*106 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*104 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*46.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*64.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*48.9 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*46.3 %*			*25-150*						

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.8**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 12:12	06/19/2025 14:21	AC

Sample Information

Client Sample ID: **GF-PFAS-03** **York Sample ID:** **25F1107-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:26 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM

Sample Information

Client Sample ID: GF-PFAS-03

York Sample ID: 25F1107-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:26 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0562	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.796	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.801	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.378	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0658	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM

Sample Information

Client Sample ID: **GF-PFAS-03** **York Sample ID:** **25F1107-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:26 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.631	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.645	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.330	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.261	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/19/2025 12:23	06/22/2025 15:43	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.673	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.648	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.739	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/19/2025 12:23	06/22/2025 15:43	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*102 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*96.0 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*104 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*87.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.3 %*	*10-150*

Sample Information

Client Sample ID: **GF-PFAS-03** **York Sample ID:** **25F1107-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:26 am	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.80 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*101 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*60.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*75.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*126 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*122 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*104 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*95.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*109 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*52.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*46.9 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*43.7 %*			*25-150*						

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.3**		%	0.100	1	SM 2540G	06/19/2025 12:12	06/19/2025 14:21	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **GF-1,4 Dioxane-01** **York Sample ID:** **25F1107-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:38 am	06/17/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	06/19/2025 07:00	06/19/2025 17:03	SS
							Certifications: NELAC-NY10854			

Sample Information

Client Sample ID: GF-1,4 Dioxane-01 **York Sample ID:** 25F1107-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:38 am	06/17/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.2**		%	0.100	1	SM 2540G	06/18/2025 11:13	06/18/2025 11:26	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: GF-1,4 Dioxane-02 **York Sample ID:** 25F1107-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:47 am	06/17/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	06/19/2025 07:00	06/19/2025 17:19	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.3**		%	0.100	1	SM 2540G	06/18/2025 11:13	06/18/2025 11:26	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **GF-1,4 Dioxane-03** **York Sample ID:** **25F1107-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 9:31 am	06/17/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	06/19/2025 07:00	06/19/2025 17:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.6**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/18/2025 09:10	06/18/2025 10:28	BF

Sample Information

Client Sample ID: **GF-01** **York Sample ID:** **25F1107-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:01 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:18	PRS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:18	PRS
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:18	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:18	PRS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:18	PRS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:18	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:18	PRS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:18	PRS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:18	PRS

Sample Information

Client Sample ID: GF-01

York Sample ID: 25F1107-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:01 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	63	130	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 10:18	PRS
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
67-64-1	Acetone	ND		ug/kg dry	6.3	13	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
71-43-2	Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
100-41-4	Ethyl Benzene	ND	QL-02	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	6.3	13	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
91-20-3	Naphthalene	ND		ug/kg dry	3.1	13	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 10:18	PRS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
95-47-6	o-Xylene	ND	QL-02	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 10:18	PRS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.3	13	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 10:18	PRS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
108-88-3	Toluene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:18	PRS

Sample Information

Client Sample ID: **GF-01** **York Sample ID:** **25F1107-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:01 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.4	19	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2025 13:25	06/20/2025 10:18	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.5**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 08:00	06/19/2025 12:43	BF

Sample Information

Client Sample ID: **GF-02** **York Sample ID:** **25F1107-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:09 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:46	PRS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:46	PRS
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:46	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:46	PRS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:46	PRS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:46	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:46	PRS

Sample Information

Client Sample ID: GF-02

York Sample ID: 25F1107-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:09 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 10:46	PRS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
100-41-4	Ethyl Benzene	ND	QL-02	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	5.8	12	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 10:46	PRS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
95-47-6	o-Xylene	ND	QL-02	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 10:46	PRS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 10:46	PRS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 10:46	PRS

Sample Information

Client Sample ID: **GF-02** **York Sample ID:** **25F1107-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:09 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:46	PRS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 10:46	PRS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2025 13:25	06/20/2025 10:46	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.6**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 08:00	06/19/2025 12:43	BF

Sample Information

Client Sample ID: **GF-03** **York Sample ID:** **25F1107-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:15 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:13	PRS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:13	PRS
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/kg dry	3.3	6.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:13	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:13	PRS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:13	PRS

Sample Information

Client Sample ID: GF-03

York Sample ID: 25F1107-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:15 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 11:13	PRS
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
67-64-1	Acetone	ND		ug/kg dry	6.5	13	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
100-41-4	Ethyl Benzene	ND	QL-02	ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	6.5	13	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 11:13	PRS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
95-47-6	o-Xylene	ND	QL-02	ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 11:13	PRS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 11:13	PRS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	3.3	6.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:13	PRS

Sample Information

Client Sample ID: GF-03 **York Sample ID:** 25F1107-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:15 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:13	PRS
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/kg dry	3.3	6.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:13	PRS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:13	PRS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:13	PRS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2025 13:25	06/20/2025 11:13	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 08:00	06/19/2025 12:43	BF

Sample Information

Client Sample ID: GF-04 **York Sample ID:** 25F1107-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:19 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:41	PRS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:41	PRS
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:41	PRS

Sample Information

Client Sample ID: GF-04 **York Sample ID:** 25F1107-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:19 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
123-91-1	1,4-Dioxane	ND		ug/kg dry	63	130	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 11:41	PRS
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
67-64-1	Acetone	ND		ug/kg dry	6.3	13	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
71-43-2	Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
100-41-4	Ethyl Benzene	ND	QL-02	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	6.3	13	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
91-20-3	Naphthalene	ND		ug/kg dry	3.1	13	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 11:41	PRS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS
95-47-6	o-Xylene	ND	QL-02	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 11:41	PRS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.3	13	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 11:41	PRS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 11:41	PRS

Sample Information

Client Sample ID: GF-04 **York Sample ID:** 25F1107-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:19 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:41	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:41	PRS
108-88-3	Toluene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:41	PRS
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:41	PRS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:41	PRS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 11:41	PRS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.4	19	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2025 13:25	06/20/2025 11:41	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.0**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 08:00	06/19/2025 12:43	BF

Sample Information

Client Sample ID: GF-05 **York Sample ID:** 25F1107-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:25 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:08	PRS

Sample Information

Client Sample ID: GF-05

York Sample ID: 25F1107-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:25 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 12:08	PRS
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
67-64-1	Acetone	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
100-41-4	Ethyl Benzene	ND	QL-02	ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	6.0	12	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 12:08	PRS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:08	PRS
95-47-6	o-Xylene	ND	QL-02	ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 12:08	PRS

Sample Information

Client Sample ID: GF-05 **York Sample ID:** 25F1107-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:25 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/18/2025 13:25	06/20/2025 12:08	PRS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:08	PRS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:08	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:08	PRS
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:08	PRS
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:08	PRS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:08	PRS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:08	PRS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2025 13:25	06/20/2025 12:08	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.0**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 08:00	06/19/2025 12:43	BF

Sample Information

Client Sample ID: GF-06 **York Sample ID:** 25F1107-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:30 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **GF-06** **York Sample ID:** **25F1107-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:30 am	06/17/2025

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 12:35	PRS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
100-41-4	Ethyl Benzene	ND	QL-02	ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	5.5	11	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 12:35	PRS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 12:35	PRS
95-47-6	o-Xylene	ND	QL-02	ug/kg dry	2.8	5.5	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 12:35	PRS

Sample Information

Client Sample ID: GF-06 **York Sample ID:** 25F1107-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:30 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/18/2025 13:25	06/20/2025 12:35	PRS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:35	PRS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:35	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	2.8	5.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:35	PRS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:35	PRS
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/kg dry	2.8	5.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:35	PRS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:35	PRS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 12:35	PRS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2025 13:25	06/20/2025 12:35	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.1**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 08:00	06/19/2025 12:43	BF

Sample Information

Client Sample ID: GF-07 **York Sample ID:** 25F1107-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:40 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **GF-07** **York Sample ID:** **25F1107-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:40 am	06/17/2025

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 13:03	PRS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
100-41-4	Ethyl Benzene	ND	QL-02	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	5.8	12	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 13:03	PRS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:03	PRS
95-47-6	o-Xylene	ND	QL-02	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 13:03	PRS

Sample Information

Client Sample ID: GF-07 **York Sample ID:** 25F1107-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:40 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/18/2025 13:25	06/20/2025 13:03	PRS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:03	PRS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:03	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:03	PRS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:03	PRS
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:03	PRS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:03	PRS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:03	PRS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2025 13:25	06/20/2025 13:03	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.6**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 08:00	06/19/2025 12:43	BF

Sample Information

Client Sample ID: GF-08 **York Sample ID:** 25F1107-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:45 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **GF-08** **York Sample ID:** **25F1107-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:45 am	06/17/2025

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/18/2025 13:25	06/20/2025 13:30	PRS
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
67-64-1	Acetone	ND		ug/kg dry	6.4	13	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
100-41-4	Ethyl Benzene	ND	QL-02	ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	6.4	13	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
91-20-3	Naphthalene	ND		ug/kg dry	3.2	13	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/18/2025 13:25	06/20/2025 13:30	PRS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
95-47-6	o-Xylene	ND	QL-02	ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/18/2025 13:25	06/20/2025 13:30	PRS

Sample Information

Client Sample ID: GF-08 **York Sample ID:** 25F1107-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:45 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/18/2025 13:25	06/20/2025 13:30	PRS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:30	PRS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.6	19	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2025 13:25	06/20/2025 13:30	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.7**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 08:00	06/19/2025 12:43	BF

Sample Information

Client Sample ID: GF-09 **York Sample ID:** 25F1107-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:51 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **GF-09** **York Sample ID:** **25F1107-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:51 am	06/17/2025

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 13:58	PRS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
100-41-4	Ethyl Benzene	ND	QL-02	ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	5.7	11	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260D Certifications:	06/18/2025 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2025 13:58	PRS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/20/2025 13:58	PRS
95-47-6	o-Xylene	ND	QL-02	ug/kg dry	2.8	5.7	1	EPA 8260D Certifications:	06/18/2025 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/20/2025 13:58	PRS

Sample Information

Client Sample ID: GF-09 **York Sample ID:** 25F1107-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Soil	June 17, 2025 10:51 am	06/17/2025

VOA, 8260 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/18/2025 13:25	06/20/2025 13:58	PRS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:58	PRS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:58	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	2.8	5.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:58	PRS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:58	PRS
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/kg dry	2.8	5.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:58	PRS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:58	PRS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 13:25	06/20/2025 13:58	PRS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2025 13:25	06/20/2025 13:58	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.2**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2025 08:00	06/19/2025 12:43	BF

Sample Information

Client Sample ID: FB-01 **York Sample ID:** 25F1107-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Water	June 17, 2025 2:15 pm	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **FB-01** **York Sample ID:** **25F1107-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Water	June 17, 2025 2:15 pm	06/17/2025

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.436	1.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.324	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.658	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.630	1.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.389	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.760	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.482	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.695	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.05	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.816	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.686	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.640	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.732	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.955	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.213	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.816	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.844	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.95	7.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.90	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.306	7.42	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.464	3.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/19/2025 11:18	06/20/2025 23:03	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.98	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/19/2025 11:18	06/20/2025 23:03	AM

Sample Information

Client Sample ID: **FB-01** **York Sample ID:** **25F1107-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Water	June 17, 2025 2:15 pm	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.232	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/19/2025 11:18	06/20/2025 23:03	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.343	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/19/2025 11:18	06/20/2025 23:03	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.705	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.66	6.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.99	7.42	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.28	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.649	6.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
919005-14-4	ADONA	ND		ng/L	0.491	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.862	1.80	1	EPA 1633 Draft 3 Certifications:	06/19/2025 11:18	06/20/2025 23:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.797	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/19/2025 11:18	06/20/2025 23:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.88	4.64	1	EPA 1633 Draft 3 Certifications:	06/19/2025 11:18	06/20/2025 23:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.80	23.2	1	EPA 1633 Draft 3 Certifications:	06/19/2025 11:18	06/20/2025 23:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.78	23.2	1	EPA 1633 Draft 3 Certifications:	06/19/2025 11:18	06/20/2025 23:03	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.70	18.5	1	EPA 1633 Draft 3 Certifications:	06/19/2025 11:18	06/20/2025 23:03	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.85	1	EPA 1633 Draft 3 Certifications:	06/19/2025 11:18	06/20/2025 23:03	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.70	18.5	1	EPA 1633 Draft 3 Certifications:	06/19/2025 11:18	06/20/2025 23:03	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.67	1.85	1	EPA 1633 Draft 3 Certifications:	06/19/2025 11:18	06/20/2025 23:03	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*122 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*120 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*156 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*123 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*135 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*132 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*114 %*		*25-150*

Sample Information

Client Sample ID: **FB-01** **York Sample ID:** **25F1107-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Water	June 17, 2025 2:15 pm	06/17/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C2PFTEDA	*Surrogate: M2PFTeDA*	*91.1 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.79 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*124 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*51.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*109 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*147 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*126 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*126 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*99.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*92.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*134 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*80.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*82.7 %*			*25-150*						

Sample Information

Client Sample ID: **FB-02** **York Sample ID:** **25F1107-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Water	June 17, 2025 2:15 pm	06/17/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	06/19/2025 15:59	06/20/2025 00:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.0 %*	*36.6-118*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **25F1107-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Water	June 17, 2025 12:00 am	06/17/2025

VOA, 8260 Low NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2025 07:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/18/2025 17:21	AC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2025 07:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/18/2025 17:21	AC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/18/2025 07:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 17:21	AC

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **25F1107-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1107	Granular Fill	Water	June 17, 2025 12:00 am	06/17/2025

VOA, 8260 Low NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 07:05	06/18/2025 17:21	AC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/18/2025 07:05	06/18/2025 17:21	AC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	06/18/2025 07:05	06/18/2025 17:21	AC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 07:05	06/18/2025 17:21	AC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 07:05	06/18/2025 17:21	AC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 07:05	06/18/2025 17:21	AC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 07:05	06/18/2025 17:21	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 07:05	06/18/2025 17:21	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 07:05	06/18/2025 17:21	AC
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	06/18/2025 07:05	06/18/2025 17:21	AC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2025 07:05	06/18/2025 17:21	AC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*79-122*

Analytical Batch Summary

Batch ID: BF51232 **Preparation Method** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-01	GF-COMP-01	06/18/25
25F1107-02	GF-COMP-02	06/18/25
25F1107-03	GF-COMP-03	06/18/25
BF51232-BLK1	Blank	06/18/25
BF51232-BS2	LCS	06/18/25

Batch ID: BF51233 **Preparation Method** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-01	GF-COMP-01	06/18/25
25F1107-02	GF-COMP-02	06/18/25
25F1107-03	GF-COMP-03	06/18/25
BF51233-BLK1	Blank	06/18/25
BF51233-BS1	LCS	06/18/25

Batch ID: BF51234 **Preparation Method** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-01	GF-COMP-01	06/18/25
25F1107-02	GF-COMP-02	06/18/25
25F1107-03	GF-COMP-03	06/18/25
BF51234-BLK1	Blank	06/18/25
BF51234-BS1	LCS	06/18/25

Batch ID: BF51270 **Preparation Method** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-01	GF-COMP-01	06/18/25
25F1107-02	GF-COMP-02	06/18/25
25F1107-09	GF-1,4 Dioxane-03	06/18/25

Batch ID: BF51273 **Preparation Method** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-01	GF-COMP-01	06/18/25
25F1107-02	GF-COMP-02	06/18/25
25F1107-03	GF-COMP-03	06/18/25
BF51273-BLK1	Blank	06/18/25
BF51273-BS1	LCS	06/18/25

Batch ID: BF51284 **Preparation Method** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-01	GF-COMP-01	06/18/25
BF51284-BLK1	Blank	06/18/25
BF51284-SRM1	Reference	06/18/25

Batch ID: BF51296 **Preparation Method** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-03	GF-COMP-03	06/18/25
25F1107-07	GF-1,4 Dioxane-01	06/18/25
25F1107-08	GF-1,4 Dioxane-02	06/18/25
BF51296-DUP1	Duplicate	06/18/25

Batch ID: BF51309 **Preparation Method** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-10	GF-01	06/18/25
25F1107-11	GF-02	06/18/25
25F1107-12	GF-03	06/18/25
25F1107-13	GF-04	06/18/25
25F1107-14	GF-05	06/18/25
25F1107-15	GF-06	06/18/25
25F1107-16	GF-07	06/18/25
25F1107-17	GF-08	06/18/25
25F1107-18	GF-09	06/18/25
BF51309-BLK1	Blank	06/20/25
BF51309-BS1	LCS	06/20/25
BF51309-BSD1	LCS Dup	06/20/25

Batch ID: BF51312 **Preparation Method** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-07	GF-1,4 Dioxane-01	06/19/25
25F1107-08	GF-1,4 Dioxane-02	06/19/25
25F1107-09	GF-1,4 Dioxane-03	06/19/25
BF51312-BLK1	Blank	06/19/25
BF51312-BS1	LCS	06/19/25
BF51312-MS1	Matrix Spike	06/19/25
BF51312-MSD1	Matrix Spike Dup	06/19/25

Batch ID: BF51353 **Preparation Method** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-10	GF-01	06/19/25
25F1107-11	GF-02	06/19/25
25F1107-12	GF-03	06/19/25
25F1107-13	GF-04	06/19/25
25F1107-14	GF-05	06/19/25
25F1107-15	GF-06	06/19/25

25F1107-16	GF-07	06/19/25
25F1107-17	GF-08	06/19/25
25F1107-18	GF-09	06/19/25

Batch ID: BF51369 **Preparation Method** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-01	GF-COMP-01	06/19/25
25F1107-02	GF-COMP-02	06/19/25
25F1107-03	GF-COMP-03	06/19/25
BF51369-BLK1	Blank	06/19/25
BF51369-SRM1	Reference	06/19/25

Batch ID: BF51375 **Preparation Method** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-02	GF-COMP-02	06/19/25
25F1107-03	GF-COMP-03	06/19/25
BF51375-BLK1	Blank	06/19/25
BF51375-DUP1	Duplicate	06/19/25
BF51375-MS1	Matrix Spike	06/19/25
BF51375-MSD1	Matrix Spike Dup	06/19/25
BF51375-SRM1	Reference	06/19/25

Batch ID: BF51384 **Preparation Method** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-19	FB-01	06/19/25
BF51384-BLK1	Blank	06/19/25
BF51384-BS1	LCS	06/19/25
BF51384-BS2	LCS	06/19/25

Batch ID: BF51387 **Preparation Method** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-21	Trip Blank	06/18/25
BF51387-BLK1	Blank	06/18/25
BF51387-BS1	LCS	06/18/25
BF51387-BSD1	LCS Dup	06/18/25

Batch ID: BF51400 **Preparation Method** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-04	GF-PFAS-01	06/19/25
25F1107-05	GF-PFAS-02	06/19/25
25F1107-06	GF-PFAS-03	06/19/25
BF51400-BLK1	Blank	06/19/25
BF51400-BS1	LCS	06/19/25

BF51400-BS2	LCS	06/19/25

Batch ID: BF51406 **Preparation Method** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-01	GF-COMP-01	06/19/25
25F1107-02	GF-COMP-02	06/19/25
25F1107-03	GF-COMP-03	06/19/25
BF51406-BLK1	Blank	06/19/25
BF51406-SRM1	Reference	06/19/25

Batch ID: BF51408 **Preparation Method** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-04	GF-PFAS-01	06/19/25
25F1107-05	GF-PFAS-02	06/19/25
25F1107-06	GF-PFAS-03	06/19/25
BF51408-DUP1	Duplicate	06/19/25

Batch ID: BF51412 **Preparation Method** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-01	GF-COMP-01	06/19/25
25F1107-02	GF-COMP-02	06/19/25
25F1107-03	GF-COMP-03	06/19/25
BF51412-BLK1	Blank	06/19/25
BF51412-SRM1	Reference	06/19/25

Batch ID: BF51430 **Preparation Method** EPA 3535A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-20	FB-02	06/19/25
BF51430-BLK1	Blank	06/19/25
BF51430-BS1	LCS	06/19/25
BF51430-BSD1	LCS Dup	06/19/25

Batch ID: BF51507 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-01	GF-COMP-01	06/20/25
25F1107-02	GF-COMP-02	06/20/25
25F1107-03	GF-COMP-03	06/20/25

Batch ID: BF51825 **Preparation Method** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-03RE1	GF-COMP-03	06/25/25

BF51825-BLK1	Blank	06/25/25
BF51825-SRM1	Reference	06/25/25

Batch ID: BF51990 **Preparation Method** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25F1107-03RE1	GF-COMP-03	06/19/25
BF51990-BLK1	Blank	06/27/25
BF51990-SRM1	Reference	06/27/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51309 - EPA 5035A											
Blank (BF51309-BLK1)								Prepared & Analyzed: 06/20/2025			
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.8*		*ug/L*	*50.0*		*91.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.2*		*"*	*50.0*		*108*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.2*		*"*	*50.0*		*108*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51309 - EPA 5035A											
LCS (BF51309-BS1)							Prepared & Analyzed: 06/20/2025				
1,1,1-Trichloroethane	41.4		ug/L	50.0		82.7	71-137				
1,1-Dichloroethane	42.0		"	50.0		84.0	75-130				
1,1-Dichloroethylene	44.3		"	50.0		88.6	64-137				
1,2,4-Trimethylbenzene	51.6		"	50.0		103	84-125				
1,2-Dichlorobenzene	46.4		"	50.0		92.9	85-122				
1,2-Dichloroethane	41.1		"	50.0		82.2	71-133				
1,3,5-Trimethylbenzene	47.0		"	50.0		94.0	82-126				
1,3-Dichlorobenzene	46.8		"	50.0		93.5	84-124				
1,4-Dichlorobenzene	48.0		"	50.0		96.0	84-124				
1,4-Dioxane	697		"	1050		66.4	10-228				
2-Butanone	43.0		"	50.0		86.0	58-147				
Acetone	40.2		"	50.0		80.4	36-155				
Benzene	43.6		"	50.0		87.2	77-127				
Carbon tetrachloride	48.2		"	50.0		96.4	66-143				
Chlorobenzene	45.9		"	50.0		91.8	86-120				
Chloroform	44.0		"	50.0		88.0	76-131				
cis-1,2-Dichloroethylene	43.6		"	50.0		87.2	74-132				
Ethyl Benzene	41.7		"	50.0		83.4	84-125	Low Bias			
Methyl tert-butyl ether (MTBE)	38.3		"	50.0		76.5	74-131				
Methylene chloride	39.6		"	50.0		79.2	57-141				
Naphthalene	44.3		"	50.0		88.5	86-141				
n-Butylbenzene	47.2		"	50.0		94.4	80-130				
n-Propylbenzene	47.2		"	50.0		94.4	74-136				
o-Xylene	41.8		"	50.0		83.6	83-123				
p- & m- Xylenes	105		"	100		105	82-128				
sec-Butylbenzene	47.0		"	50.0		93.9	83-125				
tert-Butylbenzene	45.7		"	50.0		91.3	80-127				
Tetrachloroethylene	37.6		"	50.0		75.2	80-129	Low Bias			
Toluene	46.2		"	50.0		92.4	85-121				
trans-1,2-Dichloroethylene	42.5		"	50.0		85.0	72-132				
Trichloroethylene	43.8		"	50.0		87.5	84-123				
Vinyl Chloride	49.9		"	50.0		99.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.2*		*"*	*50.0*		*94.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51309 - EPA 5035A											
LCS Dup (BF51309-BSD1)							Prepared & Analyzed: 06/20/2025				
1,1,1-Trichloroethane	45.6		ug/L	50.0		91.1	71-137		9.71	30	
1,1-Dichloroethane	45.2		"	50.0		90.5	75-130		7.45	30	
1,1-Dichloroethylene	48.0		"	50.0		96.0	64-137		7.99	30	
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125		2.89	30	
1,2-Dichlorobenzene	46.2		"	50.0		92.4	85-122		0.540	30	
1,2-Dichloroethane	44.7		"	50.0		89.3	71-133		8.25	30	
1,3,5-Trimethylbenzene	46.1		"	50.0		92.2	82-126		1.95	30	
1,3-Dichlorobenzene	46.2		"	50.0		92.4	84-124		1.14	30	
1,4-Dichlorobenzene	48.7		"	50.0		97.4	84-124		1.49	30	
1,4-Dioxane	901		"	1050		85.8	10-228		25.5	30	
2-Butanone	47.3		"	50.0		94.5	58-147		9.42	30	
Acetone	44.1		"	50.0		88.2	36-155		9.23	30	
Benzene	46.8		"	50.0		93.6	77-127		7.08	30	
Carbon tetrachloride	50.9		"	50.0		102	66-143		5.57	30	
Chlorobenzene	45.3		"	50.0		90.5	86-120		1.38	30	
Chloroform	45.0		"	50.0		89.9	76-131		2.14	30	
cis-1,2-Dichloroethylene	46.6		"	50.0		93.2	74-132		6.63	30	
Ethyl Benzene	40.8		"	50.0		81.6	84-125	Low Bias	2.16	30	
Methyl tert-butyl ether (MTBE)	42.1		"	50.0		84.2	74-131		9.55	30	
Methylene chloride	41.9		"	50.0		83.9	57-141		5.79	30	
Naphthalene	45.7		"	50.0		91.4	86-141		3.18	30	
n-Butylbenzene	46.4		"	50.0		92.8	80-130		1.69	30	
n-Propylbenzene	45.9		"	50.0		91.8	74-136		2.79	30	
o-Xylene	40.6		"	50.0		81.1	83-123	Low Bias	2.99	30	
p- & m- Xylenes	103		"	100		103	82-128		2.54	30	
sec-Butylbenzene	46.1		"	50.0		92.3	83-125		1.76	30	
tert-Butylbenzene	45.1		"	50.0		90.2	80-127		1.23	30	
Tetrachloroethylene	38.5		"	50.0		77.1	80-129	Low Bias	2.50	30	
Toluene	49.2		"	50.0		98.3	85-121		6.21	30	
trans-1,2-Dichloroethylene	45.4		"	50.0		90.8	72-132		6.55	30	
Trichloroethylene	42.2		"	50.0		84.4	84-123		3.70	30	
Vinyl Chloride	52.5		"	50.0		105	52-130		4.98	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.5*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51387 - EPA 5030B											
Blank (BF51387-BLK1)								Prepared & Analyzed: 06/18/2025			
1,1,1-Trichloroethane	ND	0.500	ug/L								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroform	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51387 - EPA 5030B											
LCS (BF51387-BS1)							Prepared & Analyzed: 06/18/2025				
1,1,1-Trichloroethane	10.5		ug/L	10.0		105	78-136				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	12.2		"	10.0		122	68-138				
1,2,4-Trimethylbenzene	12.7		"	10.0		127	82-132				
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123				
1,2-Dichloroethane	9.42		"	10.0		94.2	73-132				
1,3,5-Trimethylbenzene	14.7		"	10.0		147	80-131	High Bias			
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	6.25		"	10.0		62.5	49-152				
Acetone	6.57		"	10.0		65.7	14-150				
Benzene	10.5		"	10.0		105	85-126				
Carbon tetrachloride	10.8		"	10.0		108	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroform	10.3		"	10.0		103	82-128				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
Ethyl Benzene	11.3		"	10.0		113	80-131				
Methyl tert-butyl ether (MTBE)	8.11		"	10.0		81.1	76-135				
Methylene chloride	10.1		"	10.0		101	55-137				
Naphthalene	9.17		"	10.0		91.7	70-147				
n-Butylbenzene	12.0		"	10.0		120	79-132				
n-Propylbenzene	12.9		"	10.0		129	78-133				
o-Xylene	10.9		"	10.0		109	78-130				
p- & m- Xylenes	22.5		"	20.0		113	77-133				
sec-Butylbenzene	12.5		"	10.0		125	79-137				
tert-Butylbenzene	11.0		"	10.0		110	77-138				
Tetrachloroethylene	9.50		"	10.0		95.0	82-131				
Toluene	11.1		"	10.0		111	80-127				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	80-132				
Trichloroethylene	10.7		"	10.0		107	82-128				
Vinyl Chloride	12.0		"	10.0		120	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.89*		*"*	*10.0*		*88.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51387 - EPA 5030B											
LCS Dup (BF51387-BSD1)							Prepared & Analyzed: 06/18/2025				
1,1,1-Trichloroethane	10.0		ug/L	10.0		100	78-136		4.57	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		2.86	30	
1,1-Dichloroethylene	11.5		"	10.0		115	68-138		6.25	30	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132		10.9	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		1.15	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		10.1	30	
1,3,5-Trimethylbenzene	12.7		"	10.0		127	80-131		14.1	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122		6.16	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124		6.33	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2-Butanone	7.58		"	10.0		75.8	49-152		19.2	30	
Acetone	7.87		"	10.0		78.7	14-150		18.0	30	
Benzene	10.3		"	10.0		103	85-126		2.01	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		3.95	30	
Chlorobenzene	10.3		"	10.0		103	88-120		0.293	30	
Chloroform	10.4		"	10.0		104	82-128		0.290	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		0.771	30	
Ethyl Benzene	10.8		"	10.0		108	80-131		4.63	30	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135		22.9	30	
Methylene chloride	10.4		"	10.0		104	55-137		3.13	30	
Naphthalene	11.2		"	10.0		112	70-147		19.6	30	
n-Butylbenzene	10.9		"	10.0		109	79-132		9.76	30	
n-Propylbenzene	11.0		"	10.0		110	78-133		16.2	30	
o-Xylene	10.6		"	10.0		106	78-130		2.89	30	
p- & m- Xylenes	21.5		"	20.0		108	77-133		4.68	30	
sec-Butylbenzene	11.0		"	10.0		110	79-137		12.6	30	
tert-Butylbenzene	9.66		"	10.0		96.6	77-138		13.2	30	
Tetrachloroethylene	9.18		"	10.0		91.8	82-131		3.43	30	
Toluene	10.4		"	10.0		104	80-127		6.49	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		6.04	30	
Trichloroethylene	10.2		"	10.0		102	82-128		4.89	30	
Vinyl Chloride	10.7		"	10.0		107	58-145		11.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.91*		*"*	*10.0*		*99.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51273 - EPA 3550C											
Blank (BF51273-BLK1)									Prepared: 06/18/2025 Analyzed: 06/19/2025		
2-Methylphenol	ND	41.6	ug/kg wet								
3- & 4-Methylphenols	ND	41.6	"								
Acenaphthene	ND	41.6	"								
Acenaphthylene	ND	41.6	"								
Anthracene	ND	41.6	"								
Benzo(a)anthracene	ND	41.6	"								
Benzo(a)pyrene	ND	41.6	"								
Benzo(b)fluoranthene	ND	41.6	"								
Benzo(g,h,i)perylene	ND	41.6	"								
Benzo(k)fluoranthene	ND	41.6	"								
Chrysene	ND	41.6	"								
Dibenzo(a,h)anthracene	ND	41.6	"								
Dibenzofuran	ND	41.6	"								
Fluoranthene	ND	41.6	"								
Fluorene	ND	41.6	"								
Hexachlorobenzene	ND	41.6	"								
Indeno(1,2,3-cd)pyrene	ND	41.6	"								
Naphthalene	ND	41.6	"								
Pentachlorophenol	ND	41.6	"								
Phenanthrene	ND	41.6	"								
Phenol	ND	41.6	"								
Pyrene	ND	41.6	"								
Surrogate: SURR: 2-Fluorophenol	*960*		*"*	*1660*		*57.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*868*		*"*	*1660*		*52.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*921*		*"*	*831*		*111*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*610*		*"*	*831*		*73.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1190*		*"*	*1660*		*71.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*677*		*"*	*831*		*81.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51273 - EPA 3550C											
LCS (BF51273-BS1)								Prepared: 06/18/2025 Analyzed: 06/19/2025			
2-Methylphenol	254	41.6	ug/kg wet	831		30.6	10-136				
3- & 4-Methylphenols	266	41.6	"	831		32.0	29-103				
Acenaphthene	469	41.6	"	831		56.5	30-121				
Acenaphthylene	499	41.6	"	831		60.0	30-115				
Anthracene	486	41.6	"	831		58.5	34-118				
Benzo(a)anthracene	581	41.6	"	831		70.0	32-122				
Benzo(a)pyrene	464	41.6	"	831		55.9	29-133				
Benzo(b)fluoranthene	483	41.6	"	831		58.1	25-133				
Benzo(g,h,i)perylene	614	41.6	"	831		73.9	10-143				
Benzo(k)fluoranthene	451	41.6	"	831		54.3	25-128				
Chrysene	549	41.6	"	831		66.1	32-123				
Dibenzo(a,h)anthracene	600	41.6	"	831		72.2	10-136				
Dibenzofuran	543	41.6	"	831		65.4	29-121				
Fluoranthene	551	41.6	"	831		66.4	33-122				
Fluorene	549	41.6	"	831		66.1	29-123				
Hexachlorobenzene	712	41.6	"	831		85.7	21-124				
Indeno(1,2,3-cd)pyrene	704	41.6	"	831		84.7	10-135				
Naphthalene	530	41.6	"	831		63.8	23-124				
Pentachlorophenol	80.4	41.6	"	831		9.68	10-139	Low Bias			
Phenanthrene	490	41.6	"	831		59.0	33-123				
Phenol	39.5	41.6	"	831		4.76	23-115	Low Bias			
Pyrene	566	41.6	"	831		68.1	24-130				
Surrogate: SURR: 2-Fluorophenol	*863*		"	*1660*		*52.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*857*		"	*1660*		*51.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*898*		"	*831*		*108*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*561*		"	*831*		*67.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1050*		"	*1660*		*63.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*613*		"	*831*		*73.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51312 - EPA 3550C											
Blank (BF51312-BLK1)								Prepared & Analyzed: 06/19/2025			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*505*		"	*495*		*102*	*39-127.5*				
LCS (BF51312-BS1)								Prepared & Analyzed: 06/19/2025			
1,4-Dioxane	550	19.8	ug/kg	495		111	40-130				
Surrogate: 1,4-Dioxane-d8	*426*		"	*495*		*86.0*	*39-127.5*				
Matrix Spike (BF51312-MS1)	*Source sample: 25F1107-07 (GF-1,4 Dioxane-01)							Prepared & Analyzed: 06/19/2025			
1,4-Dioxane	551	19.8	ug/kg	495	ND	111	40-130				
Surrogate: 1,4-Dioxane-d8	*436*		"	*495*		*88.0*	*40-130*				
Matrix Spike Dup (BF51312-MSD1)	*Source sample: 25F1107-07 (GF-1,4 Dioxane-01)							Prepared & Analyzed: 06/19/2025			
1,4-Dioxane	530	19.8	ug/kg	495	ND	107	40-130		4.03	30	
Surrogate: 1,4-Dioxane-d8	*416*		"	*495*		*84.0*	*40-130*				
Batch BF51430 - EPA 3535A											
Blank (BF51430-BLK1)								Prepared & Analyzed: 06/19/2025			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*4.00*		"	*4.00*		*100*	*36.6-118*				
LCS (BF51430-BS1)								Prepared & Analyzed: 06/19/2025			
1,4-Dioxane	3.89	0.300	ug/L	4.00		97.2	50-130				
Surrogate: 1,4-Dioxane-d8	*2.56*		"	*4.00*		*64.0*	*36.6-118*				
LCS Dup (BF51430-BSD1)								Prepared & Analyzed: 06/19/2025			
1,4-Dioxane	3.78	0.300	ug/L	4.00		94.4	50-130		2.92	30	
Surrogate: 1,4-Dioxane-d8	*3.04*		"	*4.00*		*76.0*	*36.6-118*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51384 - EPA 1633 Prep											
Blank (BF51384-BLK1)									Prepared: 06/19/2025 Analyzed: 06/20/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*21.8*		*"*	*23.3*		*93.7*	*25-150*				
Surrogate: M5PFHxA	*24.4*		*"*	*25.0*		*97.7*	*25-150*				
Surrogate: M4PFHpA	*29.2*		*"*	*25.0*		*117*	*25-150*				
Surrogate: M3PFHxS	*32.0*		*"*	*23.7*		*135*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51384 - EPA 1633 Prep											
Blank (BF51384-BLK1)								Prepared: 06/19/2025 Analyzed: 06/20/2025			
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.6*		*ng/L*	*25.0*		*127*	*25-150*				
Surrogate: M6PFDA	*17.0*		*"*	*12.5*		*136*	*25-150*				
Surrogate: M7PFUdA	*16.5*		*"*	*12.5*		*132*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.0*		*"*	*12.5*		*112*	*25-150*				
Surrogate: M2PFTeDA	*10.5*		*"*	*12.5*		*84.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.715*		*"*	*100*		*0.715*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.0*		*"*	*24.0*		*138*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.72*		*"*	*50.0*		*15.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.4*		*"*	*25.0*		*118*	*10-150*				
Surrogate: d3-N-MeFOSAA	*55.6*		*"*	*50.0*		*111*	*25-150*				
Surrogate: d5-N-EtFOSAA	*58.9*		*"*	*50.0*		*118*	*25-150*				
Surrogate: M2-6:2 FTS	*69.1*		*"*	*47.6*		*145*	*25-200*				
Surrogate: M2-8:2 FTS	*60.9*		*"*	*48.0*		*127*	*25-200*				
Surrogate: M9PFNA	*15.9*		*"*	*12.5*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*56.9*		*"*	*46.9*		*121*	*25-150*				
Surrogate: d-N-MeFOSA	*27.4*		*"*	*25.0*		*110*	*25-150*				
Surrogate: d-N-EtFOSA	*23.9*		*"*	*25.0*		*95.7*	*25-150*				
Surrogate: M3HFPO-DA	*119*		*"*	*100*		*119*	*25-150*				
Surrogate: d9-N-EtFOSE	*163*		*"*	*250*		*65.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*184*		*"*	*250*		*73.8*	*25-150*				
LCS (BF51384-BS1)								Prepared: 06/19/2025 Analyzed: 06/20/2025			
Perfluorobutanesulfonic acid (PFBS)	39.2	1.77	ng/L	35.4		111	50-150				
Perfluorohexanoic acid (PFHxA)	42.8	2.00	"	40.0		107	50-150				
Perfluoroheptanoic acid (PFHpA)	42.2	2.00	"	40.0		105	50-150				
Perfluorohexanesulfonic acid (PFHxS)	40.6	1.83	"	36.6		111	50-150				
Perfluorooctanoic acid (PFOA)	41.6	2.00	"	40.0		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	38.2	1.86	"	37.2		103	50-150				
Perfluorononanoic acid (PFNA)	40.8	2.00	"	40.0		102	50-150				
Perfluorodecanoic acid (PFDA)	41.8	2.00	"	40.0		104	50-150				
Perfluoroundecanoic acid (PFUnA)	43.4	2.00	"	40.0		109	50-150				
Perfluorododecanoic acid (PFDoA)	41.6	2.00	"	40.0		104	50-150				
Perfluorotridecanoic acid (PFTrDA)	49.3	2.00	"	40.0		123	50-150				
Perfluorotetradecanoic acid (PFTA)	43.7	2.00	"	40.0		109	50-150				
N-MeFOSAA	41.8	2.00	"	40.0		104	50-150				
N-EtFOSAA	44.6	2.00	"	40.0		111	50-150				
Perfluoropentanoic acid (PFPeA)	89.1	4.00	"	80.0		111	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	40.4	2.00	"	40.0		101	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.4	1.91	"	38.2		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	35.2	1.93	"	38.6		91.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	169	7.60	"	152		111	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	178	7.68	"	154		116	50-150				
Perfluoro-n-butanoic acid (PFBA)	45.6	8.00	"	160		28.5	50-150	Low Bias			

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51384 - EPA 1633 Prep											
LCS (BF51384-BS1)								Prepared: 06/19/2025 Analyzed: 06/20/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	81.1	3.56	ng/L	71.2		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	68.0	4.00	"	80.0		85.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.73	4.00	"	80.0		5.91	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	224	4.00	"	80.0		279	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	36.2	1.88	"	37.6		96.3	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	176	7.50	"	150		117	50-150				
HFPO-DA (Gen-X)	83.1	8.00	"	80.0		104	50-150				
11CL-PF3OUdS	109	7.56	"	75.6		144	50-150				
9CL-PF3ONS	114	7.48	"	74.8		152	50-150	High Bias			
ADONA	112	7.56	"	75.6		148	50-150				
Perfluorododecanesulfonic acid (PFDoS)	26.6	1.94	"	38.8		68.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	41.3	1.92	"	38.4		107	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	73.6	5.00	"	160		46.0	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	1190	25.0	"	800		148	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1470	25.0	"	800		183	50-150	High Bias			
N-MeFOSE	397	20.0	"	400		99.2	50-150				
N-MeFOSA	42.5	2.00	"	40.0		106	50-150				
N-EtFOSE	451	20.0	"	400		113	50-150				
N-EtFOSA	39.9	2.00	"	40.0		99.7	50-150				
Surrogate: M3PFBS	*17.4*		"	*23.3*		*74.8*	*25-150*				
Surrogate: M5PFHxA	*21.4*		"	*25.0*		*85.6*	*25-150*				
Surrogate: M4PFHpA	*31.3*		"	*25.0*		*125*	*25-150*				
Surrogate: M3PFHxS	*34.0*		"	*23.7*		*143*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.8*		"	*25.0*		*127*	*25-150*				
Surrogate: M6PFDA	*17.6*		"	*12.5*		*141*	*25-150*				
Surrogate: M7PFUdA	*17.8*		"	*12.5*		*142*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.0*		"	*12.5*		*128*	*25-150*				
Surrogate: M2PFTeDA	*12.1*		"	*12.5*		*96.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.665*		"	*100*		*0.665*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*36.6*		"	*24.0*		*153*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.43*		"	*50.0*		*10.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*33.1*		"	*25.0*		*132*	*10-150*				
Surrogate: d3-N-MeFOSAA	*61.4*		"	*50.0*		*123*	*25-150*				
Surrogate: d5-N-EtFOSAA	*59.3*		"	*50.0*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*62.1*		"	*47.6*		*131*	*25-200*				
Surrogate: M2-8:2 FTS	*63.3*		"	*48.0*		*132*	*25-200*				
Surrogate: M9PFNA	*16.9*		"	*12.5*		*135*	*25-150*				
Surrogate: M2-4:2 FTS	*39.3*		"	*46.9*		*83.8*	*25-150*				
Surrogate: d-N-MeFOSA	*26.2*		"	*25.0*		*105*	*25-150*				
Surrogate: d-N-EtFOSA	*26.1*		"	*25.0*		*104*	*25-150*				
Surrogate: M3HFPO-DA	*100*		"	*100*		*100*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51384 - EPA 1633 Prep											
LCS (BF51384-BS1)								Prepared: 06/19/2025 Analyzed: 06/20/2025			
Surrogate: d9-N-EtFOSE	*187*		*ng/L*	*250*		*75.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*231*		*"*	*250*		*92.3*	*25-150*				
LCS (BF51384-BS2)								Prepared: 06/19/2025 Analyzed: 06/20/2025			
Perfluorobutanesulfonic acid (PFBS)	3.81	1.77	ng/L	3.54		108	50-150				
Perfluorohexanoic acid (PFHxA)	3.91	2.00	"	4.00		97.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.44	2.00	"	4.00		86.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.10	1.83	"	3.66		112	50-150				
Perfluorooctanoic acid (PFOA)	3.77	2.00	"	4.00		94.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.69	1.86	"	3.72		99.3	50-150				
Perfluorononanoic acid (PFNA)	3.43	2.00	"	4.00		85.8	50-150				
Perfluorodecanoic acid (PFDA)	3.80	2.00	"	4.00		95.0	50-150				
Perfluoroundecanoic acid (PFUnA)	3.90	2.00	"	4.00		97.4	50-150				
Perfluorododecanoic acid (PFDoA)	3.54	2.00	"	4.00		88.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.88	2.00	"	4.00		97.0	50-150				
Perfluorotetradecanoic acid (PFTA)	3.30	2.00	"	4.00		82.4	50-150				
N-MeFOSAA	3.95	2.00	"	4.00		98.9	50-150				
N-EtFOSAA	4.36	2.00	"	4.00		109	50-150				
Perfluoropentanoic acid (PFPeA)	8.41	4.00	"	8.00		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.94	2.00	"	4.00		98.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.42	1.91	"	3.82		89.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.43	1.93	"	3.86		88.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.1	7.60	"	15.2		92.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.5	7.68	"	15.4		107	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.0	8.00	"	16.0		81.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.01	3.56	"	7.12		98.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.93	4.00	"	8.00		86.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.364	4.00	"	8.00		4.55	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	20.0	4.00	"	8.00		250	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.01	1.88	"	3.76		80.0	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	11.1	7.50	"	15.0		73.8	50-150				
HFPO-DA (Gen-X)	8.63	8.00	"	8.00		108	50-150				
11CL-PF3OUdS	11.2	7.56	"	7.56		148	50-150				
9CL-PF3ONS	12.9	7.48	"	7.48		172	50-150	High Bias			
ADONA	10.9	7.56	"	7.56		144	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.56	1.94	"	3.88		66.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.63	1.92	"	3.84		94.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	34.0	5.00	"	16.0		212	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	118	25.0	"	80.0		148	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	149	25.0	"	80.0		187	50-150	High Bias			
N-MeFOSE	32.8	20.0	"	40.0		82.0	50-150				
N-MeFOSA	3.95	2.00	"	4.00		98.8	50-150				
N-EtFOSE	33.7	20.0	"	40.0		84.3	50-150				
N-EtFOSA	3.66	2.00	"	4.00		91.5	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51384 - EPA 1633 Prep											
LCS (BF51384-BS2)								Prepared: 06/19/2025 Analyzed: 06/20/2025			
Surrogate: M3PFBS	*13.9*		*ng/L*	*23.3*		*59.6*	*25-150*				
Surrogate: M5PFHxA	*19.5*		*"*	*25.0*		*78.1*	*25-150*				
Surrogate: M4PFHpA	*32.7*		*"*	*25.0*		*131*	*25-150*				
Surrogate: M3PFHxS	*29.9*		*"*	*23.7*		*126*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.3*		*"*	*25.0*		*125*	*25-150*				
Surrogate: M6PFDA	*18.4*		*"*	*12.5*		*148*	*25-150*				
Surrogate: M7PFUdA	*17.7*		*"*	*12.5*		*141*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.0*		*"*	*12.5*		*128*	*25-150*				
Surrogate: M2PFTeDA	*11.7*		*"*	*12.5*		*93.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.722*		*"*	*100*		*0.722*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.5*		*"*	*24.0*		*140*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.34*		*"*	*50.0*		*10.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.2*		*"*	*25.0*		*117*	*10-150*				
Surrogate: d3-N-MeFOSAA	*55.3*		*"*	*50.0*		*111*	*25-150*				
Surrogate: d5-N-EtFOSAA	*56.3*		*"*	*50.0*		*113*	*25-150*				
Surrogate: M2-6:2 FTS	*66.1*		*"*	*47.6*		*139*	*25-200*				
Surrogate: M2-8:2 FTS	*62.3*		*"*	*48.0*		*130*	*25-200*				
Surrogate: M9PFNA	*16.2*		*"*	*12.5*		*130*	*25-150*				
Surrogate: M2-4:2 FTS	*37.8*		*"*	*46.9*		*80.7*	*25-150*				
Surrogate: d-N-MeFOSA	*24.9*		*"*	*25.0*		*99.7*	*25-150*				
Surrogate: d-N-EtFOSA	*24.6*		*"*	*25.0*		*98.3*	*25-150*				
Surrogate: M3HFPO-DA	*87.1*		*"*	*100*		*87.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*169*		*"*	*250*		*67.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*215*		*"*	*250*		*85.8*	*25-150*				
Batch BF51400 - EPA 1633 Prep											
Blank (BF51400-BLK1)								Prepared: 06/19/2025 Analyzed: 06/22/2025			
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51400 - EPA 1633 Prep											
Blank (BF51400-BLK1)									Prepared: 06/19/2025 Analyzed: 06/22/2025		
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	ug/kg wet								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.61*		"	*2.33*		*112*	*25-150*				
Surrogate: M5PFHxA	*2.59*		"	*2.50*		*103*	*25-150*				
Surrogate: M4PFHpA	*2.85*		"	*2.50*		*114*	*25-150*				
Surrogate: M3PFHxS	*2.33*		"	*2.37*		*98.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.52*		"	*2.50*		*101*	*25-150*				
Surrogate: M6PFDA	*1.27*		"	*1.25*		*101*	*25-150*				
Surrogate: M7PFUdA	*1.19*		"	*1.25*		*94.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.868*		"	*1.25*		*69.4*	*25-150*				
Surrogate: M2PFTeDA	*0.675*		"	*1.25*		*54.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.197*		"	*10.0*		*1.97*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.36*		"	*2.40*		*98.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.67*		"	*5.00*		*53.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.04*		"	*2.50*		*81.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.82*		"	*5.00*		*76.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.88*		"	*5.00*		*77.5*	*25-150*				
Surrogate: M2-6:2 FTS	*5.64*		"	*4.76*		*119*	*25-200*				
Surrogate: M2-8:2 FTS	*4.37*		"	*4.80*		*91.0*	*25-200*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51400 - EPA 1633 Prep											
Blank (BF51400-BLK1)								Prepared: 06/19/2025 Analyzed: 06/22/2025			
Surrogate: M9PFNA	*1.26*		*ug/kg wet*	*1.25*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*5.30*		*"*	*4.69*		*113*	*25-150*				
Surrogate: d-N-MeFOSA	*1.74*		*"*	*2.50*		*69.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.57*		*"*	*2.50*		*63.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.7*		*"*	*10.0*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.5*		*"*	*25.0*		*46.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.4*		*"*	*25.0*		*53.6*	*25-150*				
LCS (BF51400-BS1)								Prepared: 06/19/2025 Analyzed: 06/22/2025			
Perfluorobutanesulfonic acid (PFBS)	4.12	0.177	ug/kg wet	3.53		117	50-150				
Perfluorohexanoic acid (PFHxA)	4.49	0.200	"	3.99		113	50-150				
Perfluoroheptanoic acid (PFHpA)	4.06	0.200	"	3.99		102	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.29	0.183	"	3.65		118	50-150				
Perfluorooctanoic acid (PFOA)	4.28	0.200	"	3.99		107	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.13	0.186	"	3.71		111	50-150				
Perfluorononanoic acid (PFNA)	4.39	0.200	"	3.99		110	50-150				
Perfluorodecanoic acid (PFDA)	4.34	0.200	"	3.99		109	50-150				
Perfluoroundecanoic acid (PFUnA)	4.64	0.200	"	3.99		116	50-150				
Perfluorododecanoic acid (PFDoA)	4.34	0.200	"	3.99		109	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.09	0.200	"	3.99		102	50-150				
Perfluorotetradecanoic acid (PFTA)	4.28	0.200	"	3.99		107	50-150				
N-MeFOSAA	4.17	0.200	"	3.99		104	50-150				
N-EtFOSAA	4.39	0.200	"	3.99		110	50-150				
Perfluoropentanoic acid (PFPeA)	9.31	0.399	"	7.98		117	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.52	0.200	"	3.99		113	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.21	0.200	"	3.81		110	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.40	0.193	"	3.85		88.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.5	0.758	"	15.2		122	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	19.3	0.766	"	15.3		126	50-150				
Perfluoro-n-butanoic acid (PFBA)	12.8	0.798	"	16.0		80.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.23	0.355	"	7.11		116	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.2	0.399	"	7.98		127	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.649	0.399	"	7.98		8.13	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	13.7	0.399	"	7.98		171	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	4.57	0.188	"	3.75		122	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.1	0.749	"	15.0		121	50-150				
HFPO-DA (Gen-X)	9.17	0.798	"	7.98		115	50-150				
11CL-PF3OUdS	6.22	0.754	"	7.54		82.4	50-150				
9CL-PF3ONS	7.38	0.747	"	7.47		98.9	50-150				
ADONA	8.46	0.754	"	7.54		112	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.94	0.194	"	3.87		75.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.20	0.192	"	3.83		110	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.94	0.998	"	16.0		49.7	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	87.7	4.99	"	79.8		110	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51400 - EPA 1633 Prep											
LCS (BF51400-BS1)								Prepared: 06/19/2025 Analyzed: 06/22/2025			
3-Perfluoroheptyl propanoic acid (FHpPA)	92.3	4.99	ug/kg wet	79.8		116	50-150				
N-MeFOSE	43.8	2.00	"	39.9		110	50-150				
N-MeFOSA	4.53	0.200	"	3.99		114	50-150				
N-EtFOSE	43.5	2.00	"	39.9		109	50-150				
N-EtFOSA	4.35	0.200	"	3.99		109	50-150				
Surrogate: M3PFBS	*2.63*		*"*	*2.33*		*113*	*25-150*				
Surrogate: M5PFHxA	*2.66*		*"*	*2.50*		*107*	*25-150*				
Surrogate: M4PFHpA	*2.97*		*"*	*2.50*		*119*	*25-150*				
Surrogate: M3PFHxS	*2.58*		*"*	*2.37*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.69*		*"*	*2.50*		*108*	*25-150*				
Surrogate: M6PFDA	*1.26*		*"*	*1.25*		*101*	*25-150*				
Surrogate: M7PFUdA	*1.19*		*"*	*1.25*		*95.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.04*		*"*	*1.25*		*83.5*	*25-150*				
Surrogate: M2PFTeDA	*0.935*		*"*	*1.25*		*74.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.201*		*"*	*9.98*		*2.01*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.44*		*"*	*2.39*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.26*		*"*	*4.99*		*65.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.10*		*"*	*2.50*		*84.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.42*		*"*	*4.99*		*88.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		*"*	*4.99*		*85.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.99*		*"*	*4.75*		*105*	*25-200*				
Surrogate: M2-8:2 FTS	*4.44*		*"*	*4.79*		*92.7*	*25-200*				
Surrogate: M9PFNA	*1.31*		*"*	*1.25*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*4.99*		*"*	*4.68*		*107*	*25-150*				
Surrogate: d-N-MeFOSA	*1.83*		*"*	*2.50*		*73.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.84*		*"*	*2.50*		*73.7*	*25-150*				
Surrogate: M3HFPO-DA	*11.7*		*"*	*9.98*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.3*		*"*	*25.0*		*57.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		*"*	*25.0*		*60.7*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51400 - EPA 1633 Prep											
LCS (BF51400-BS2)								Prepared: 06/19/2025 Analyzed: 06/22/2025			
Perfluorobutanesulfonic acid (PFBS)	0.333	0.177	ug/kg wet	0.353		94.2	50-150				
Perfluorohexanoic acid (PFHxA)	0.386	0.200	"	0.399		96.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.326	0.200	"	0.399		81.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.368	0.183	"	0.365		101	50-150				
Perfluorooctanoic acid (PFOA)	0.408	0.200	"	0.399		102	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.375	0.186	"	0.371		101	50-150				
Perfluorononanoic acid (PFNA)	0.361	0.200	"	0.399		90.4	50-150				
Perfluorodecanoic acid (PFDA)	0.385	0.200	"	0.399		96.4	50-150				
Perfluoroundecanoic acid (PFUnA)	0.418	0.200	"	0.399		105	50-150				
Perfluorododecanoic acid (PFDoA)	0.445	0.200	"	0.399		112	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.456	0.200	"	0.399		114	50-150				
Perfluorotetradecanoic acid (PFTA)	0.463	0.200	"	0.399		116	50-150				
N-MeFOSAA	0.504	0.200	"	0.399		126	50-150				
N-EtFOSAA	0.318	0.200	"	0.399		79.7	50-150				
Perfluoropentanoic acid (PFPeA)	0.798	0.399	"	0.798		100	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.482	0.200	"	0.399		121	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.383	0.200	"	0.381		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.309	0.193	"	0.385		80.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.56	0.758	"	1.52		103	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.75	0.766	"	1.53		114	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.74	0.798	"	1.60		109	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.751	0.355	"	0.711		106	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.22	0.399	"	0.798		153	50-150	High Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	0.0794	0.399	"	0.798		9.95	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.913	0.399	"	0.798		114	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.390	0.188	"	0.375		104	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.44	0.749	"	1.50		96.1	50-150				
HFPO-DA (Gen-X)	0.889	0.798	"	0.798		111	50-150				
11CL-PF3OUdS	0.598	0.754	"	0.754		79.3	50-150				
9CL-PF3ONS	0.716	0.747	"	0.747		95.9	50-150				
ADONA	0.698	0.754	"	0.754		92.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.467	0.194	"	0.387		121	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.427	0.192	"	0.383		111	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	0.984	0.998	"	1.60		61.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	8.58	4.99	"	7.98		107	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	8.84	4.99	"	7.98		111	50-150				
N-MeFOSE	4.26	2.00	"	3.99		107	50-150				
N-MeFOSA	0.644	0.200	"	0.399		161	50-150	High Bias			
N-EtFOSE	4.71	2.00	"	3.99		118	50-150				
N-EtFOSA	0.404	0.200	"	0.399		101	50-150				
Surrogate: M3PFBS	*3.04*		*"*	*2.33*		*131*	*25-150*				
Surrogate: M5PFHxA	*2.66*		*"*	*2.50*		*107*	*25-150*				
Surrogate: M4PFHpA	*3.20*		*"*	*2.50*		*128*	*25-150*				
Surrogate: M3PFHxS	*2.82*		*"*	*2.37*		*119*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51400 - EPA 1633 Prep											
LCS (BF51400-BS2)									Prepared: 06/19/2025 Analyzed: 06/22/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.66*		*ug/kg wet*	*2.50*		*107*	*25-150*				
Surrogate: M6PFDA	*1.44*		*"*	*1.25*		*115*	*25-150*				
Surrogate: M7PFUdA	*1.37*		*"*	*1.25*		*110*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.15*		*"*	*1.25*		*92.2*	*25-150*				
Surrogate: M2PFTeDA	*1.02*		*"*	*1.25*		*81.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.334*		*"*	*9.98*		*3.34*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.62*		*"*	*2.39*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.79*		*"*	*4.99*		*96.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.99*		*"*	*2.50*		*79.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.52*		*"*	*4.99*		*90.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.90*		*"*	*4.99*		*98.2*	*25-150*				
Surrogate: M2-6:2 FTS	*6.55*		*"*	*4.75*		*138*	*25-200*				
Surrogate: M2-8:2 FTS	*5.37*		*"*	*4.79*		*112*	*25-200*				
Surrogate: M9PFNA	*1.33*		*"*	*1.25*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*6.28*		*"*	*4.68*		*134*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.50*		*77.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.96*		*"*	*2.50*		*78.4*	*25-150*				
Surrogate: M3HFPO-DA	*12.7*		*"*	*9.98*		*127*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.9*		*"*	*25.0*		*63.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.5*		*"*	*25.0*		*70.2*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51233 - EPA 3550C											
Blank (BF51233-BLK1)								Prepared & Analyzed: 06/18/2025			
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
Heptachlor	ND	1.64	"								
Surrogate: Decachlorobiphenyl	*40.6*		*"*	*66.4*		*61.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*38.7*		*"*	*66.4*		*58.3*	*30-150*				
LCS (BF51233-BS1)								Prepared & Analyzed: 06/18/2025			
4,4'-DDD	26.8	1.64	ug/kg wet	33.2		80.8	40-140				
4,4'-DDE	26.7	1.64	"	33.2		80.3	40-140				
4,4'-DDT	27.3	1.64	"	33.2		82.2	40-140				
Aldrin	26.3	1.64	"	33.2		79.1	40-140				
alpha-BHC	26.2	1.64	"	33.2		78.8	40-140				
alpha-Chlordane	27.3	1.64	"	33.2		82.1	40-140				
beta-BHC	29.3	1.64	"	33.2		88.1	40-140				
delta-BHC	25.6	1.64	"	33.2		77.2	40-140				
Dieldrin	27.0	1.64	"	33.2		81.2	40-140				
Endosulfan I	29.0	1.64	"	33.2		87.2	40-140				
Endosulfan II	29.6	1.64	"	33.2		89.0	40-140				
Endosulfan sulfate	28.1	1.64	"	33.2		84.5	40-140				
Endrin	27.2	1.64	"	33.2		81.8	40-140				
gamma-BHC (Lindane)	25.9	1.64	"	33.2		78.1	40-140				
Heptachlor	26.6	1.64	"	33.2		80.1	40-140				
Surrogate: Decachlorobiphenyl	*40.7*		*"*	*66.4*		*61.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*40.8*		*"*	*66.4*		*61.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5B0502 - BB50048											
Performance Mix (S5B0502-PEM1)							Prepared & Analyzed: 02/05/2025				
4,4'-DDD	2.33		ng/mL	0.00			0-200				
4,4'-DDE	1.90		"	0.00			0-200				
4,4'-DDT	309		"	200		154	0-200				
Endrin	153		"	100		153	0-200				
Batch S5C1715 - BC50949											
Performance Mix (S5C1715-PEM1)							Prepared & Analyzed: 03/14/2025				
4,4'-DDD	3.06		ng/mL	0.00			0-200				
4,4'-DDE	1.84		"	0.00			0-200				
4,4'-DDT	247		"	200		123	0-200				
Endrin	138		"	100		138	0-200				
Endrin aldehyde	2.68		"	0.00			0-200				
Endrin ketone	2.10		"	0.00			0-200				
Batch S5F0208 - BE52289											
Performance Mix (S5F0208-PEM1)							Prepared & Analyzed: 06/02/2025				
4,4'-DDD	1.55		ng/mL	0.00			0-200				
4,4'-DDE	0.853		"	0.00			0-200				
4,4'-DDT	185		"	200		92.3	0-200				
Endrin	111		"	100		111	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	1.92		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5F1913 - BF51275											
Performance Mix (S5F1913-PEM1)							Prepared & Analyzed: 06/18/2025				
4,4'-DDD	1.84		ng/mL	0.00			0-200				
4,4'-DDE	0.912		"	0.00			0-200				
4,4'-DDT	207		"	200		103	0-200				
Endrin	125		"	100		125	0-200				
Performance Mix (S5F1913-PEM2)							Prepared & Analyzed: 06/18/2025				
4,4'-DDD	1.85		ng/mL	0.00			0-200				
4,4'-DDE	0.812		"	0.00			0-200				
4,4'-DDT	206		"	200		103	0-200				
Endrin	121		"	100		121	0-200				
Performance Mix (S5F1913-PEM3)							Prepared & Analyzed: 06/18/2025				
4,4'-DDD	17.1		ng/mL	0.00			0-200				
4,4'-DDE	0.729		"	0.00			0-200				
4,4'-DDT	181		"	200		90.5	0-200				
Endrin	119		"	100		119	0-200				
Performance Mix (S5F1913-PEM4)							Prepared: 06/18/2025 Analyzed: 06/19/2025				
4,4'-DDD	1.83		ng/mL	0.00			0-200				
4,4'-DDE	1.09		"	0.00			0-200				
4,4'-DDT	208		"	200		104	0-200				
Endrin	124		"	100		124	0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51232 - EPA 3550C											
Blank (BF51232-BLK1)							Prepared & Analyzed: 06/18/2025				
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0415*		*"*	*0.0664*		*62.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0385*		*"*	*0.0664*		*58.0*	*30-120*				
LCS (BF51232-BS2)							Prepared & Analyzed: 06/18/2025				
Aroclor 1016	0.251	0.0166	mg/kg wet	0.332		75.6	40-130				
Aroclor 1260	0.239	0.0166	"	0.332		72.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0963*		*"*	*0.133*		*72.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0654*		*"*	*0.133*		*49.2*	*30-120*				
Batch S5F1931 - BF51228											
Aroclor Reference (S5F1931-ARC1)							Prepared & Analyzed: 06/18/2025				
Aroclor 1254	1.83		ug/mL	2.00		91.7					
Aroclor 1254 (1)	1.90		"	2.00		95.2					
Aroclor 1254 (2)	1.86		"	2.00		93.0					
Aroclor 1254 (3)	1.82		"	2.00		91.2					
Aroclor 1254 (4)	1.80		"	2.00		90.2					
Aroclor 1254 (5)	1.78		"	2.00		89.0					
Aroclor 1254 [2C]	1.98		"	2.00		99.2					
Aroclor 1254 (1) [2C]	1.99		"	2.00		99.5					
Aroclor 1254 (2) [2C]	1.94		"	2.00		97.0					
Aroclor 1254 (3) [2C]	1.92		"	2.00		96.2					
Aroclor 1254 (4) [2C]	1.91		"	2.00		95.3					
Aroclor 1254 (5) [2C]	2.16		"	2.00		108					
Surrogate: Tetrachloro-m-xylene	*0.183*		*"*	*0.200*		*91.5*					
Surrogate: Decachlorobiphenyl	*0.134*		*"*	*0.200*		*67.0*					

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51234 - EPA 3550C/8151A											
Blank (BF51234-BLK1)									Prepared: 06/18/2025 Analyzed: 06/19/2025		
2,4,5-TP (Silvex)	ND	19.9	ug/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*351*		*"*	*415*		*84.6*	*21-150*				
LCS (BF51234-BS1)									Prepared: 06/18/2025 Analyzed: 06/19/2025		
2,4,5-TP (Silvex)	74.8	19.9	ug/kg wet	66.4		112	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*355*		*"*	*415*		*85.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51412 - EPA 3050B											
Blank (BF51412-BLK1)											Prepared: 06/19/2025 Analyzed: 06/20/2025
Arsenic	ND	1.25	mg/kg wet								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Chromium	ND	0.417	"								
Copper	ND	1.67	"								
Lead	ND	0.417	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Zinc	ND	2.08	"								
Reference (BF51412-SRM1)											Prepared: 06/19/2025 Analyzed: 06/20/2025
Arsenic	143	1.25	mg/kg wet	148		96.7	81.1-119.6				
Barium	186	2.08	"	191		97.2	81.7-118.3				
Beryllium	228	0.042	"	240		95.1	82.1-117.5				
Cadmium	174	0.250	"	190		91.5	82.1-118.4				
Chromium	124	0.417	"	132		94.0	81.1-118.9				
Copper	236	1.67	"	234		101	82.9-117.5				
Lead	92.1	0.417	"	98.6		93.4	81.8-117.6				
Manganese	223	0.417	"	244		91.4	80.7-119.3				
Nickel	150	0.830	"	155		96.8	81.9-118.1				
Selenium	115	2.08	"	124		92.5	78.5-121				
Silver	53.1	0.420	"	54.9		96.7	79.4-120.8				
Zinc	314	2.08	"	345		91.0	79.4-120.6				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51825 - EPA 3050B											
Blank (BF51825-BLK1)											Prepared: 06/25/2025 Analyzed: 06/26/2025
Arsenic	ND	1.25	mg/kg wet								
Barium	ND	2.08	"								
Beryllium	0.063	0.042	"								
Cadmium	ND	0.250	"								
Chromium	ND	0.417	"								
Copper	ND	1.67	"								
Lead	ND	0.417	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Zinc	ND	2.08	"								
Reference (BF51825-SRM1)											Prepared: 06/25/2025 Analyzed: 06/26/2025
Arsenic	141	1.25	mg/kg wet	148		95.4	81.1-119.6				
Barium	175	2.08	"	191		91.5	81.7-118.3				
Beryllium	227	0.042	"	240		94.4	82.1-117.5				
Cadmium	172	0.250	"	190		90.5	82.1-118.4				
Chromium	123	0.417	"	132		93.2	81.1-118.9				
Copper	230	1.67	"	234		98.2	82.9-117.5				
Lead	89.7	0.417	"	98.6		91.0	81.8-117.6				
Manganese	226	0.417	"	244		92.6	80.7-119.3				
Nickel	148	0.830	"	155		95.2	81.9-118.1				
Selenium	114	2.08	"	124		91.9	78.5-121				
Silver	53.6	0.420	"	54.9		97.6	79.4-120.8				
Zinc	308	2.08	"	345		89.4	79.4-120.6				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51406 - EPA 7473 soil											
Blank (BF51406-BLK1)										Prepared: 06/19/2025 Analyzed: 06/20/2025	
Mercury	ND	0.0300	mg/kg wet								
Reference (BF51406-SRM1)										Prepared: 06/19/2025 Analyzed: 06/20/2025	
Mercury	13.601		mg/kg	24.0		56.7	55.8-109.6				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51284 - EPA SW846-3060											
Blank (BF51284-BLK1)								Prepared & Analyzed: 06/18/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BF51284-SRM1)								Prepared & Analyzed: 06/18/2025			
Chromium, Hexavalent	243		mg/L	227		107	42.3-157.7				
Batch BF51369 - Analysis Preparation Soil											
Blank (BF51369-BLK1)								Prepared & Analyzed: 06/19/2025			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BF51369-SRM1)								Prepared & Analyzed: 06/19/2025			
Cyanide, total	151		ug/mL	111		136	43.5-170				
Batch BF51375 - EPA SW846-3060											
Blank (BF51375-BLK1)								Prepared & Analyzed: 06/19/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BF51375-DUP1)	*Source sample: 25F1107-02 (GF-COMP-02)							Prepared & Analyzed: 06/19/2025			
Chromium, Hexavalent	ND	0.522	mg/kg dry		ND					35	
Matrix Spike (BF51375-MS1)	*Source sample: 25F1107-02 (GF-COMP-02)							Prepared & Analyzed: 06/19/2025			
Chromium, Hexavalent	6.26	0.522	mg/kg dry	20.9	ND	30.0	75-125	Low Bias			
Matrix Spike Dup (BF51375-MSD1)	*Source sample: 25F1107-02 (GF-COMP-02)							Prepared & Analyzed: 06/19/2025			
Chromium, Hexavalent	9.60	0.522	mg/kg dry	20.9	ND	46.0	75-125	Low Bias	42.1	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51375 - EPA SW846-3060											
Reference (BF51375-SRM1)								Prepared & Analyzed: 06/19/2025			
Chromium, Hexavalent	225		mg/L	227		99.2	42.3-157.7				
Batch BF51990 - EPA SW846-3060											
Blank (BF51990-BLK1)								Prepared & Analyzed: 06/27/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BF51990-SRM1)								Prepared & Analyzed: 06/27/2025			
Chromium, Hexavalent	166		mg/L	214		77.8	57.9-107.9				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51296 - % Solids Prep											
Duplicate (BF51296-DUP1)	*Source sample: 25F1107-08 (GF-1,4 Dioxane-02)							Prepared & Analyzed: 06/18/2025			
% Solids	95.6	0.100	%		96.3				0.728	20	
Batch BF51408 - % Solids Prep											
Duplicate (BF51408-DUP1)	*Source sample: 25F1107-04 (GF-PFAS-01)							Prepared & Analyzed: 06/19/2025			
% Solids	96.3	0.100	%		94.4				2.00	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25F1107-10	GF-01	40mL Vial with Stir Bar-Cool 4° C
25F1107-11	GF-02	40mL Vial with Stir Bar-Cool 4° C
25F1107-12	GF-03	40mL Vial with Stir Bar-Cool 4° C
25F1107-13	GF-04	40mL Vial with Stir Bar-Cool 4° C
25F1107-14	GF-05	40mL Vial with Stir Bar-Cool 4° C
25F1107-15	GF-06	40mL Vial with Stir Bar-Cool 4° C
25F1107-16	GF-07	40mL Vial with Stir Bar-Cool 4° C
25F1107-17	GF-08	40mL Vial with Stir Bar-Cool 4° C
25F1107-18	GF-09	40mL Vial with Stir Bar-Cool 4° C
25F1107-21	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: To report sample GF-COMP-03 re-analysis results for Total Chromium and Trivalent Chromium

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25F1107

Report To:
Company: Posillico
Address: 1750 New Highway, Farmingdale, NY 11735
Phone: 917 698 8116
Contact: Albert Kim
E-mail: akim@posillicoinc.com

Invoice To:
Company:
Address: Same
Phone:
Contact:
E-mail:

YOUR Project Name / Number: Granular Fill

PO Number:

Samples Collected From: NY ✓ NJ CT PA Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) ✓; PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Albert Kim

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Part 375-VOCs	Part 375 (minus VOCs)	PFAS - 1633	1,4-Dioxane								Grab or Comp. G/C
GF - Comp - 01	6/17/25	929	S												✓										
GF - Comp - 02	↓	937	↓												✓										
GF - Comp - 03		945													✓										
GF - PFAS - 01		9:10														✓									
GF - PFAS - 02		9:16														✓									
GF - PFAS - 03		9:26														✓									
GF - 1,4-Dioxane - 01		9:38															✓								
GF - 1,4-Dioxane - 02		9:47															✓								
GF - 1,4-Dioxane - 03		9:31															✓								
GF - 01		1001												✓											
GF - 02		1009												✓											
GF - 03		1015												✓											
GF - 04		1019												✓											
GF - 05		1025												✓											
GF - 06	↓	1030	↓											✓											

Report Type (circle): QA Report; Summary (Results Only); ~~NY ASP B Package~~; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Albert Kim / Posillico	6/17/25 2:15pm	K Barberyelle	6-17-25 2:15PM	K Barberyelle	6/17/25 16:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	6/17/25 16:30 / 3.1 Degrees C

Field Chain-of-Custody Record

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YORK Project Number: 25F1107

Report To:
Company: Posillico
Address: 1750 New Highway, Farmingdale, NY 11735
Phone.: 917 698 8116
Contact: Albert Kim
E-mail: akim@posillicoinc.com

Invoice To:
Company:
Address: Same
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: Granular Fill

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Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Part 375 - VOCs	Part 375 (minus VOCs)	PFAS - 1633	1,4 - Dioxane									Grab or Comp. G/C
GF-07	06/17/25	1040	S											✓												
GF-08	↓	1045	↓											✓												
GF-09	↓	1051	↓											✓												
FB-01	↓		WS													✓										
FB-02	↓		↓														✓									

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N (N) Containers Intact: (Y) / N COC/Labels Agree: (Y) / N Preservation Confirmed: (Y) / N
COC Complete: (Y) / N COC Received: (Y) / N Appropriate Sample Volumes: (Y) / N Appropriate Sample Containers: (Y) / N
Cooler Temperature Confirmed: (Y) / N Samples Submitted within Holding Times: (Y) / N Corrective Action Form Required: Y / (N)

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Albert Kim / Posillico	6/17/25 2:15	KBalzerk	6-17-25 2:15 pm	KBalzerk	6/17/25 16:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	6/17/25 16:30 / 3.1 Degrees C

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	GF-COMP-01 6/17/25 Soil		GF-COMP-02 6/17/25 Soil		GF-COMP-03 6/17/25 Soil	
Compound		Result	Q	Result	Q	Result	Q
SVOCs, 8270	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		2		2		2	
2-Methylphenol	0.33	0.0437	U	0.0432	U	0.0428	U
3- & 4-Methylphenols	~	0.0437	U	0.0432	U	0.0428	U
Acenaphthene	20	0.0655	JD	0.0432	U	0.0805	JD
Acenaphthylene	100	0.0676	JD	0.0432	U	0.0428	U
Anthracene	100	0.293	D	0.0861	JD	0.151	D
Benzo(a)anthracene	1	0.415	D	0.242	D	0.348	D
Benzo(a)pyrene	1	0.299	D	0.236	D	0.313	D
Benzo(b)fluoranthene	1	0.323	D	0.211	D	0.341	D
Benzo(g,h,i)perylene	100	0.259	D	0.178	D	0.218	D
Benzo(k)fluoranthene	0.8	0.240	D	0.188	D	0.276	D
Chrysene	1	0.354	D	0.231	D	0.335	D
Dibenzo(a,h)anthracene	0.33	0.0634	JD	0.0468	JD	0.0621	JD
Dibenzofuran	7	0.0774	JD	0.0432	U	0.0428	U
Fluoranthene	100	0.961	D	0.636	D	0.648	D
Fluorene	30	0.131	D	0.0432	U	0.0785	JD
Hexachlorobenzene	0.33	0.0437	U	0.0432	U	0.0428	U
Indeno(1,2,3-cd)pyrene	0.5	0.0437	U	0.128	D	0.199	D
Naphthalene	12	2.720	D	0.0432	U	0.0621	JD
Pentachlorophenol	0.8	0.0437	U	0.0432	U	0.0428	U
Phenanthrene	100	0.958	D	0.308	D	0.717	D
Phenol	0.33	0.0437	U	0.0432	U	0.0428	U
Pyrene	100	0.820	D	0.568	D	0.699	D

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	GF-COMP-01 6/17/25 Soil		GF-COMP-02 6/17/25 Soil		GF-COMP-03 6/17/25 Soil	
Compound		Result	Q	Result	Q	Result	Q
Pesticides, 8081	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		5		5		5	
4,4'-DDD	0.0033	0.00172	U	0.00170	U	0.00167	U
4,4'-DDE	0.0033	0.00172	U	0.00170	U	0.00167	U
4,4'-DDT	0.0033	0.00172	U	0.00170	U	0.00167	U
Aldrin	0.005	0.00172	U	0.00170	U	0.00167	U
alpha-BHC	0.02	0.00172	U	0.00170	U	0.00167	U
alpha-Chlordane	0.094	0.00172	U	0.00170	U	0.00167	U
beta-BHC	0.036	0.00172	U	0.00170	U	0.00167	U
delta-BHC	0.04	0.00172	U	0.00170	U	0.00167	U
Dieldrin	0.005	0.00172	U	0.00170	U	0.00167	U
Endosulfan I	2.4	0.00172	U	0.00170	U	0.00167	U
Endosulfan II	2.4	0.00172	U	0.00170	U	0.00167	U
Endosulfan sulfate	2.4	0.00172	U	0.00170	U	0.00167	U
Endrin	0.014	0.00172	U	0.00170	U	0.00167	U
gamma-BHC (Lindane)	0.1	0.00172	U	0.00170	U	0.00167	U
Heptachlor	0.042	0.00172	U	0.00170	U	0.00167	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	GF-COMP-01 6/17/25 Soil		GF-COMP-02 6/17/25 Soil		GF-COMP-03 6/17/25 Soil	
Compound		Result	Q	Result	Q	Result	Q
Metals, NYSDEC Part 375	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1	
Arsenic	13	2.320		2.300		2.190	
Barium	350	26.700		29.900		19.300	
Beryllium	7.2	0.0440	U	0.0440	U	0.0430	U
Cadmium	2.5	0.264	U	0.261	U	0.258	U
Chromium	~	7.270		11.400		9.550	
Copper	50	29.400		43.300		24.100	
Lead	63	41.900		38.100		27.900	
Manganese	1,600	110		97.900		107	
Nickel	30	7.990		9.890		21.400	
Selenium	3.9	2.200	U	2.170	U	2.150	U
Silver	2	0.443	U	0.438	U	0.434	U
Zinc	109	80.800		49		38	
Mercury by 7473	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1	
Mercury	0.18	0.134		0.0426		0.0310	U
Chromium, Hexavalent	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1	
Chromium, Hexavalent	1	0.528	U	0.522	U	0.517	U
Chromium, Trivalent	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1	
Chromium, Trivalent	30	7.270		11.400		9.550	
Cyanide, Total	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1	
Cyanide, total	27	0.648		0.522	U	0.517	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	GF-COMP-01 6/17/25 Soil		GF-COMP-02 6/17/25 Soil		GF-COMP-03 6/17/25 Soil	
Compound		Result	Q	Result	Q	Result	Q
Total Solids		%		%		%	
Dilution Factor		1		1		1	
% Solids	~	94.700		95.800		96.700	
HERB, 8151 MASTER	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1	
2,4,5-TP (Silvex)	3.8	0.0210	U	0.0205	U	0.0206	U
PCB, 8082 MASTER	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1	
Aroclor 1016	~	0.0174	U	0.0172	U	0.0169	U
Aroclor 1221	~	0.0174	U	0.0172	U	0.0169	U
Aroclor 1232	~	0.0174	U	0.0172	U	0.0169	U
Aroclor 1242	~	0.0174	U	0.0172	U	0.0169	U
Aroclor 1248	~	0.0174	U	0.0172	U	0.0169	U
Aroclor 1254	~	0.0174	U	0.0172	U	0.0169	U
Aroclor 1260	~	0.0174	U	0.0172	U	0.0169	U
Total PCBs	0.1	0.0174	U	0.0172	U	0.0169	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	GF-1,4 Dioxane-01 6/17/25 Soil		GF-1,4 Dioxane-02 6/17/25 Soil		GF-1,4 Dioxane-03 6/17/25 Soil	
Compound		Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1	
1,4-Dioxane	0.1	0.0192	U	0.0190	U	0.0190	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	GF-PFAS-01 6/17/25 Soil		GF-PFAS-02 6/17/25 Soil		GF-PFAS-03 6/17/25 Soil	
Compound		Result	Q	Result	Q	Result	Q
Q_P_PFAS, EPA 1633 Target List		mg/kg		mg/kg		mg/kg	
Dilution Factor		1		1		1	
11CL-PF3OUdS	~	0.00033	U	0.00033	U	0.00033	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00080	U	0.00080	U	0.00080	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	0.00063	U	0.00063	U	0.00063	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.00079	U	0.00080	U	0.00080	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	0.00158	U	0.00160	U	0.00159	U
3-Perfluoropentyl propanoic acid (FPePA)	~	0.00221	U	0.00223	U	0.00223	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	0.00067	U	0.00068	U	0.00067	U
9CL-PF3ONS	~	0.00026	U	0.00026	U	0.00026	U
ADONA	~	0.00018	U	0.00019	U	0.00019	U
HFPO-DA (Gen-X)	~	0.00064	U	0.00065	U	0.00065	U
N-EtFOSA	~	0.00021	U	0.00021	U	0.00021	U
N-EtFOSAA	~	0.00021	U	0.00021	U	0.00021	U
N-EtFOSE	~	0.00074	U	0.00074	U	0.00074	U
N-MeFOSA	~	0.00019	U	0.00019	U	0.00019	U
N-MeFOSAA	~	0.00016	U	0.00016	U	0.00016	U
N-MeFOSE	~	0.00065	U	0.00065	U	0.00065	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	0.00015	U	0.00015	U	0.00015	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00020	U	0.00020	U	0.00020	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00016	U	0.00017	U	0.00016	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	0.00013	U	0.00013	U	0.00013	U
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00015	U	0.00016	U	0.00016	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	0.00017	U	0.00017	U	0.00017	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	0.00020	U	0.00021	U	0.00021	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	0.00007	U	0.00007	U	0.00007	U

Perfluoro-5-oxahexanoic acid (PFMBA)	~	0.00010	U	0.00010	U	0.00010	U
Perfluorobutanesulfonic acid (PFBS)	~	0.00012	U	0.00012	U	0.00012	U
Perfluorodecanoic acid (PFDA)	~	0.00020	U	0.00020	U	0.00020	U
Perfluorododecanesulfonic acid (PFDoS)	~	0.00018	U	0.00018	U	0.00018	U
Perfluorododecanoic acid (PFDoA)	~	0.00017	U	0.00017	U	0.00017	U
Perfluoroheptanoic acid (PFHpA)	~	0.00011	U	0.00011	U	0.00011	U
Perfluorohexanesulfonic acid (PFHxS)	~	0.00019	U	0.00019	U	0.00019	U
Perfluorohexanoic acid (PFHxA)	~	0.00006	U	0.00006	U	0.00006	U
Perfluoro-n-butanoic acid (PFBA)	~	0.00012	U	0.00012	U	0.00012	U
Perfluorononanoic acid (PFNA)	~	0.00020	U	0.00020	U	0.00020	U
Perfluorooctanesulfonic acid (PFOS)	~	0.00018	U	0.00018	U	0.00018	U
Perfluorooctanoic acid (PFOA)	~	0.00018	U	0.00018	U	0.00018	U
Perfluoropentanoic acid (PFPeA)	~	0.00012	U	0.00012	U	0.00012	U
Perfluorotetradecanoic acid (PFTA)	~	0.00011	U	0.00011	U	0.00011	U
Perfluorotridecanoic acid (PFTrDA)	~	0.00013	U	0.00013	U	0.00013	U
Perfluoroundecanoic acid (PFUnA)	~	0.00021	U	0.00021	U	0.00021	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	GF-01 6/17/25 Soil		GF-02 6/17/25 Soil		GF-03 6/17/25 Soil		GF-04 6/17/25 Soil		GF-05 6/17/25 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
1,1,1-Trichloroethane	0.68	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
1,1-Dichloroethane	0.27	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
1,1-Dichloroethylene	0.33	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
1,2,4-Trimethylbenzene	3.6	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
1,2-Dichlorobenzene	1.1	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
1,2-Dichloroethane	0.02	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
1,3,5-Trimethylbenzene	8.4	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
1,3-Dichlorobenzene	2.4	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
1,4-Dichlorobenzene	1.8	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
1,4-Dioxane	0.1	0.0630	U	0.0580	U	0.0650	U	0.0630	U	0.0600	U
2-Butanone	0.12	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Acetone	0.05	0.00630	U	0.00580	U	0.00650	U	0.00630	U	0.00600	U
Benzene	0.06	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Carbon tetrachloride	0.76	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Chlorobenzene	1.1	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Chloroform	0.37	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
cis-1,2-Dichloroethylene	~	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Ethyl Benzene	1	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Methyl tert-butyl ether (MTBE)	0.93	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Methylene chloride	0.05	0.00630	U	0.00580	U	0.00650	U	0.00630	U	0.00600	U
Naphthalene	12	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
n-Butylbenzene	12	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
n-Propylbenzene	3.9	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
o-Xylene	~	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	GF-01 6/17/25 Soil		GF-02 6/17/25 Soil		GF-03 6/17/25 Soil		GF-04 6/17/25 Soil		GF-05 6/17/25 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
p- & m- Xylenes	~	0.00630	U	0.00580	U	0.00650	U	0.00630	U	0.00600	U
sec-Butylbenzene	11	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
tert-Butylbenzene	5.9	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Tetrachloroethylene	1.3	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Toluene	0.7	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
trans-1,2-Dichloroethylene	~	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Trichloroethylene	0.47	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Vinyl Chloride	0.02	0.00310	U	0.00290	U	0.00330	U	0.00310	U	0.00300	U
Xylenes, Total	0.26	0.00940	U	0.00870	U	0.00980	U	0.00940	U	0.00900	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	GF-06 6/17/25 Soil		GF-07 6/17/25 Soil		GF-08 6/17/25 Soil		GF-09 6/17/25 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1	
1,1,1-Trichloroethane	0.68	0.00280	U	0.00290	U	0.00320	U	0.00280	U
1,1-Dichloroethane	0.27	0.00280	U	0.00290	U	0.00320	U	0.00280	U
1,1-Dichloroethylene	0.33	0.00280	U	0.00290	U	0.00320	U	0.00280	U
1,2,4-Trimethylbenzene	3.6	0.00280	U	0.00290	U	0.00320	U	0.00280	U
1,2-Dichlorobenzene	1.1	0.00280	U	0.00290	U	0.00320	U	0.00280	U
1,2-Dichloroethane	0.02	0.00280	U	0.00290	U	0.00320	U	0.00280	U
1,3,5-Trimethylbenzene	8.4	0.00280	U	0.00290	U	0.00320	U	0.00280	U
1,3-Dichlorobenzene	2.4	0.00280	U	0.00290	U	0.00320	U	0.00280	U
1,4-Dichlorobenzene	1.8	0.00280	U	0.00290	U	0.00320	U	0.00280	U
1,4-Dioxane	0.1	0.0550	U	0.0580	U	0.0640	U	0.0570	U
2-Butanone	0.12	0.00280	U	0.00290	U	0.00320	U	0.00280	U
Acetone	0.05	0.00550	U	0.00580	U	0.00640	U	0.00570	U
Benzene	0.06	0.00280	U	0.00290	U	0.00320	U	0.00280	U
Carbon tetrachloride	0.76	0.00280	U	0.00290	U	0.00320	U	0.00280	U
Chlorobenzene	1.1	0.00280	U	0.00290	U	0.00320	U	0.00280	U
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o-Xylene	~	0.00280	U	0.00290	U	0.00320	U	0.00280	U

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Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1	
p- & m- Xylenes	~	0.00550	U	0.00580	U	0.00640	U	0.00570	U
sec-Butylbenzene	11	0.00280	U	0.00290	U	0.00320	U	0.00280	U
tert-Butylbenzene	5.9	0.00280	U	0.00290	U	0.00320	U	0.00280	U
Tetrachloroethylene	1.3	0.00280	U	0.00290	U	0.00320	U	0.00280	U
Toluene	0.7	0.00280	U	0.00290	U	0.00320	U	0.00280	U
trans-1,2-Dichloroethylene	~	0.00280	U	0.00290	U	0.00320	U	0.00280	U
Trichloroethylene	0.47	0.00280	U	0.00290	U	0.00320	U	0.00280	U
Vinyl Chloride	0.02	0.00280	U	0.00290	U	0.00320	U	0.00280	U
Xylenes, Total	0.26	0.00830	U	0.00880	U	0.00960	U	0.00850	U

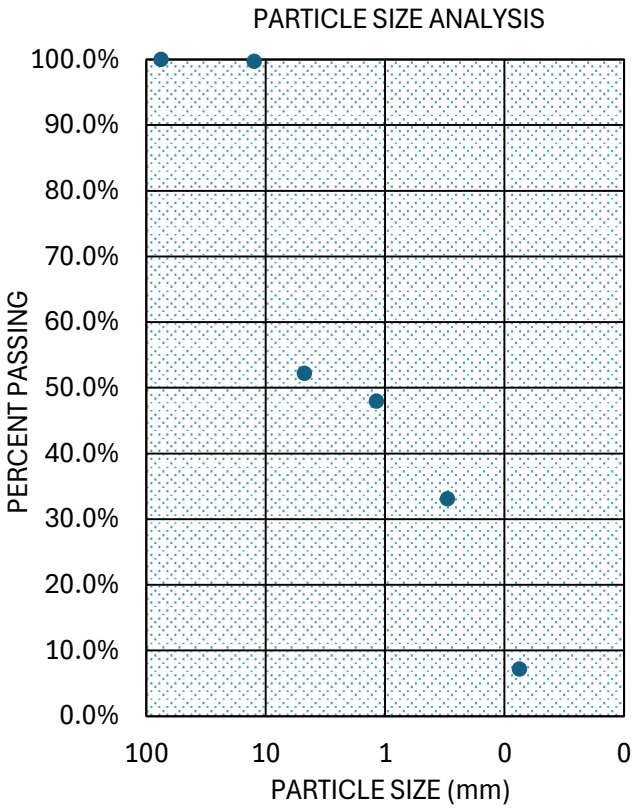
Posillico
We know how.

GRADATION (SIEVE ANALYSIS) REPORT

PRODUCT: GRANULAR FILL
LOCATION: POSILLICO MATERIALS, LLC
SAMPLE DATE: 6/17/2025
SAMPLED BY: M. RAMIN
CONTACT: R. TASSEY

TEST RESULTS

	SIEVE	mm	% RETAINED	% PASSING	SPEC
STONE 47.8%	4"	100			
	3.5"	87.5			
	3"	75	0.0%	100.0%	
	2.5"	67.5			
	2"	50			
	1.5"	37.5			
	1.25"	31.8			
	1"	25			
	3/4"	19			
	1/2"	12.5	0.3%	99.7%	
	3/8"	9.5			
	1/4"	6.3			
	#4	4.75	47.5%	52.2%	
SAND 45.0%	#8	2.36			
	#16	1.18	4.2%	48.0%	
	#20	0.85			
	#30	0.60			
	#40	0.425			
	#50	0.30	14.9%	33.1%	
	#60	0.25			
	#80	0.18			
	#100	0.15			
	#200	0.075	25.9%	7.2%	



% STONE	% SAND			% FINE
	COARSE	MEDIUM	FINE	
47.8%	4.2%	14.9%	25.9%	7.2%
	45.0%			

MOISTURE: 6.9%
SPEC: N/A

COMMENTS: N/A

QUALITY CONTROL CENTER
1610 NEW HIGHWAY
FARMINGDALE, NY 11735

I DO HEREBY CERTIFY THAT THE ABOVE INFORMATION IS ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.

Mohammad Ramin

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 1
SUNY @ Stony Brook, 50 Circle Road, Stony Brook, NY 11790
P: (631) 444-0365 I F: (631) 444-0360
www.dec.ny.gov

May 4, 2023

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735

Re: Application #1-4720-00695/00009
Posillico Soil Wash Facility Permit Renewal

Dear Permittee:

In conformance with the requirements of the State Uniform Procedures Act (Article 70, ECL) and its implementing regulations (6NYCRR, Part 621) we are enclosing your renewed permit identified above. Please carefully read all permit conditions and the schedule contained in the permit carefully to ensure compliance during the term of the permit. If you are unable to comply with any conditions, please contact us at the above address.

This permit must always be kept available on the premises of the facility.

Sincerely,

Elyssa Scott
Environmental Analyst

cc: R. Keane
DEC Division of Materials Management
File

PERMIT

Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
POSILLICO MATERIALS, LLC
1750 NEW HWY
FARMINGDALE, NY 11735-1510
(631) 249-1872

Facility:
POSILLICO MATERIALS LLC
1610 NEW HWY
FARMINGDALE, NY 11735

Facility Application Contact:
THOMAS J POSILLICO
Posillico Materials East LLC
1750 New Hwy
Farmingdale, NY 11735-1562
(631) 390-5762

Facility Location: in BABYLON in SUFFOLK COUNTY
Facility Principal Reference Point: NYTM-E: 633.8 NYTM-N: 4511.5
Latitude: 40°44'36.9" Longitude: 73°24'54.8"

Authorized Activity: The permittee is authorized to operate a solid waste management facility receiving and processing the following:

a. 500 cubic yards per day based on a two week average, with a maximum of 850 cubic yards in any day, of recognizable uncontaminated concrete, asphalt, rock, brick, and soil (RUCARBS). An additional 2,000 cubic yards per day based on a two week average, with a maximum of 4,000 cubic yards in any day, of asphalt or recycled asphalt pavement (RAP) may also be received.

b. 2,000 cubic yards per day based on a two week average, with a maximum of 3,000 cubic yards on any day, of fill material destined to the soil wash plant. The fill material includes petroleum contaminated soil (PCS), contaminated fill material or soil, navigational dredged material, vacuum truck slurry material, general fill, and uncontaminated fill material or soil.

Solid Waste Management Activity No(s).:
Construction and Demolition Debris Handling and Recovery - 52CP0259

Facility Owner/Operator: Posillico Materials LLC is the facility owner and operator for the contaminated soil area, soil wash plant, RUCARBS Areas #1 and #2, and asphalt plant areas. Con-Strux, LLC is limited to being the operator of RUCARBS Area #3. These areas are described in the approved Engineering Report, Site Plans, and related documents.

Permit Authorizations

Solid Waste Management - Under Article 27, Title 7
Permit ID 1-4720-00695/00009
Renewal Effective Date: 5/4/2023 Expiration Date: 5/3/2028

NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

Permit Administrator: KEVIN A KISPERT, Deputy Regional Permit Administrator
Address: NYSDEC Region 1 Headquarters
SUNY @ Stony Brook|50 Circle Rd
Stony Brook, NY 11790 -3409

Authorized Signature: _____ Date 5 / 4 / 2023

Distribution List

THOMAS J POSILLICO
Materials Management
Elyssa E Scott

Permit Components

SOLID WASTE MANAGEMENT PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

SOLID WASTE MANAGEMENT PERMIT CONDITIONS

1. **Conformance With Plans** All activities authorized by this permit must be in strict conformance with the permit application, plans and materials prepared by permittee or permittee's consultant on the date(s) specified in Permit Condition No. 2.

2. **Terms of Operation, Approval for Changes** The facility shall be operated in conformance with:

   a. Terms and conditions of this permit;

   b. 6NYCRR Part 360 Solid Waste Management Facilities regulations;

   c. The approved Engineering Report, revised October 2022, prepared by Robert S. Keane, P.E.

Any revision to the above approved documents identified in item (c) of this condition or to the operations at this site requires prior written approval from the Department. If these documents conflict with any condition of this permit, the permit condition shall prevail. Furthermore, the permittee must comply with a permit condition that is more stringent than a regulatory requirement.

The permittee shall not add a facility component that would otherwise qualify as an exempt or registered facility, unless the permittee first receives a modified permit to incorporate the additional component of the operation.

3. **Authorized Activity** The permittee is authorized to operate a solid waste management facility receiving and processing the following:

   a. 500 cubic yards per day based on a two week average, with a maximum of 850 cubic yards in any day, of recognizable uncontaminated concrete, asphalt, rock, brick, and soil (RUCARBS). An additional 2,000 cubic yards per day based on a two week average, with a maximum of 4,000 cubic yards in any day, of asphalt or recycled asphalt pavement (RAP) may also be received.

   b. 2,000 cubic yards per day based on a two week average, with a maximum of 3,000 cubic yards on any day, of fill material destined to the soil wash plant. The fill material includes petroleum contaminated soil (PCS), contaminated fill material or soil, navigational dredged material, vacuum truck slurry material, general fill, and uncontaminated fill material or soil.

4. **Other Activities** The permittee also conducts non-solid waste management facility operations at the site. These activities include receiving and processing of natural stone and sand from mining activities, and operation of an asphalt plant.

5. **Unacceptable Wastes** The permittee is prohibited from accepting friable asbestos-containing waste, ash residue, radioactive waste, hazardous waste, industrial waste, regulated medical waste, liquid waste, septage, sewage sludge, yard trimmings, tree debris, municipal solid waste (MSW), construction and demolition debris other than RUCARBS and fill material, and any other waste not specifically authorized for receipt.

6. **Soil Wash Plant Operations** All activities related to the soil wash plant must comply with the following requirements:

a. Waste Handling Requirements

i. All contaminated fill material and filter cake must be stored inside the contaminated soil storage building. Uncontaminated fill material may be stored outside of the building in RUCARBS Area #2.

ii. All activities with respect to contaminated fill material must take place on an concrete pad. All containment pads, liners, and enclosures must be constructed and maintained in accordance with the most current Suffolk County Department of Health Article 12 Permit.

iii. Vacuum truck slurry may only be tipped at the HydroTip pad area used for dewatering prior to storage inside the contaminated storage building.

iv. At the end of each day, and as needed throughout the workday, the site shall be swept clean.

v. The permittee shall ensure that the all storage areas which contain contaminated material is labeled on all sides with "Contaminated Soil Storage" and must be easily readable from a distance of 25 feet.

b. Analytical Sampling Requirements

i. Prior to receiving contaminated fill material, it must be sampled and analyzed at the generating site and shown to be non-hazardous. All sampling procedures, methods, and analysis must be acceptable to the Department, and must demonstrate the material qualifies for acceptance by the permittee under this permit.

ii. Fill material or soil contaminated with No. 2 fuel oil from residential properties, and fill material or soil generated from roadside spills contaminated with diesel fuel may be received without chemical analysis, provided a Department Spill Number is generated from the spill location. This provision does not apply to spills generated on industrial properties.

iii. Vacuum truck slurry waste generated from locations with minimal potential for contamination, and which does not exhibit visual or other indication of contamination, does not require chemical sampling prior to receiving.

iv. Navigational dredged material requires sampling prior to receipt. If the material meets the requirement of containing greater than 90% sand and gravel, as determined by grain size analysis, and contains less than 0.5% total organic carbon, it may be received without further sampling. Material exceeding these parameters must be sampled consistent with paragraph (b)(i) of this condition.

v. Inbound General Fill to RUCARBS Area #2 is subject to the RUCARBS Waste Handling and Quality Assurance Requirements for RUCARBS as outlined in this permit.

7. **Operations Related to Recongizable Uncontaminatd Concrete, Asphalt Pavement, Rock, Brick, and Soil (RUCARBS)** Operations related to RUCARBS, which includes asphalt or RAP, and general fill, must comply with the following:

a. Waste Handling Requirements

i. All activities related to RUCARBS may be conducted outdoors.

ii. At the end of each workday the facility and tipping areas shall be cleaned of any solid waste. All overnight storage of solid waste shall be in its respective storage area.

b. Quality Assurance of Incoming RUCARBS

The permittee shall ensure that waste control procedures acceptable to the Department are implemented to ensure that all incoming RUCARBS is acceptable pursuant to this permit. The Department may require the permittee to comply with paragraphs (i) and (ii) below for the receipt of solid waste from any source of solid waste to ensure conformance with this permit, and disapprove the permittee's acceptance of the solid waste or require removal of non- conforming solid waste, if already accepted at the facility.

i. Analytical sampling may be required for solid waste received from certain sources to ensure it is suitable for the facility to accept. All sampling must be done in accordance with Department approved methods. Unless otherwise approved by the Department on a case specific basis, such sampling shall be done at a minimum rate of one sample per 1,000 cubic yards. The Department reserves the right to reject any sampling results, when the sampling is not coordinated with the Department.

ii. Documentation regarding the generators of incoming solid waste, which may include, but not be limited to:

- Name of the generator of the material and contact information.
- The exact location of the generating site. Type of generating site such as excavation, building demolition/deconstruction site, solid waste management facility, road work, etc. If the site is a solid waste management facility, provide the facility's permit number or registration number.

- Description of the site history such as industrial, commercial, residential, road construction, solid waste management facility, etc.
- Any analytical results performed at the generating site accompanied by any other reports prepared by the generating site engineer or qualified environmental professional, if done at the generating site.
- Amount and type of the material that the site will generate.

8. **Requirements for All Facility Operations** The permittee shall comply with the following:

a. Contaminated soil and contaminated fill material must be kept separate from RUCARBS and other uncontaminated material at all times. In the event contaminated soil or contaminated fill material becomes commingled with uncontaminated material, the whole pile must be considered contaminated, and managed as such.

b. The permittee must ensure that trucks entering the facility do not queue on offsite roadways.

c. The permittee must ensure that trucks do not track dirt and mud out of the facility onto offsite roadways.

d. Unprocessed RUCARBS materials must be processed within 365 days of receipt. Processed materials shall not remain onsite for more than 365 days, unless otherwise approved by the Department.

9. **Use of Tracking Documents** The Department reserves the right to require the permittee to have incoming or outgoing loads accompanied with complete tracking documents. However, contaminated soil or contaminated fill material must have complete tracking documents for both incoming and outgoing loads, and all non-contaminated loads coming from or going to other solid waste management facilities must also be accompanied with a complete tracking document. All tracking documents must be acceptable to the Department. The names of all individuals required to sign the tracking document (generator, hauler, and receiving facility representatives) must be neatly printed, in addition to their signatures.

10. **Outgoing Fill Material Analysis Requirements** The permittee must analyze all outbound fill material, soil and/or wash plant sand in accordance with the following:

a. Material destined for use as fill material, including wash plant sand destined for use in or as fill material, or soil to be amended with yard waste or compost, must be sampled at a rate of no less than one analysis per 1,000 cubic yards.

b. Material including wash plant sand destined for use as commercial aggregate in concrete or asphalt manufacturing must be sampled at a rate of no less than one analysis per 5,000 cubic yards.

c. All sampling must be done in accordance with provisions of applicable regulations and procedures acceptable to the Department. The permittee must ensure unanalyzed fill material is stored separately and distinctly from other waste onsite. After receipt of results demonstrating qualification for the intended use, the permittee may consolidate the fill material, or amend with yard waste or compost, accordingly. If unanalyzed fill material is commingled with material already analyzed, then the entire pile must be reanalyzed.

11. **Maximum Quantity Onsite** The permittee shall not exceed the following quantities onsite:

a. Soil Wash Plant; Contaminated Storage Building:

i. 3,940 cubic yards of PCS.
ii. 4,640 cubic yards of contaminated soil or fill material.
iii. 2,520 cubic yards of soil wash filter cake.
iv. 6,340 cubic yards of stone and 5,730 cubic yards of sand in the Wash Plant outbound areas.

b. RUCARBS Area #1: 8,400 cubic yards of RUCARBS, no more than 4,950 unprocessed.

c. RUCARBS Area #2: 19,150 cubic yards of uncontaminated soil or general fill

d. RUCARBS Area #3: 12,670 cubic yards of RUCARBS with no more than 10,100 unprocessed.

e. 42,420 cubic yards of RAP, asphalt, and millings that is separate from other RUCARBS, with no more than 34,000 cubic yards unprocessed.

12. **Hours of Operation** Hours of operation shall not conflict with any local laws or ordinances. The permittee's hours and days of operation are as follows:

a. The receipt of fill material at the soil wash plant may be received from 6:00 AM to 4:00 PM, Monday through Friday, and 6:00 AM to 3:00 PM on Saturday. If fill material is received outside of these hours of operation, other than New York State Department of Transportation or Metropolitan Transportation Authority projects, a minimum of 48 hours notice shall be provided to the Department, and such notice shall include the anticipated date(s) and time(s) of receipt.

b. RUCARBS may be received and processed 24 hours per day, 7 days per week.

13. **Signs** The permittee must post clearly legible signs indicating hours of operation, the types of waste accepted, and the types of waste not accepted. The signs shall be located so that they are visible to any vehicles and/or persons approaching the facility.

14. **Waste Control** An attendant shall be on duty during all hours of operation. The attendant shall inspect all vehicles entering the facility, rejecting any loads containing unauthorized material.

15. **Control of Nuisance Conditions** Odors, dust, insects, vectors, noise, blowing litter and other potential nuisances shall be adequately controlled at all times. The permittee shall immediately implement any controls required by the Department including cessation of facility operations.

16. **Fire Protection and Detection** The permittee shall maintain fire protection and detection equipment in accordance with local laws and ordinances.

17. **Cessation of Operations** The permittee must notify the Department immediately of any event which causes an unscheduled facility shutdown that exceeds 24 hours, as well as indicate the proposed waste management activities. A written report must be submitted to the Department within 7 days of the event.

18. **Ultimate Disposal of Waste** All solid waste passing through the facility that does not qualify for a beneficial use must be ultimately disposed of at a facility authorized by the Department if located in New York State, or by the appropriate governmental agency or agencies if in other states, territories, or nations. All waste destined for beneficial use must meet the requirements of a predetermined or case-specific beneficial use determination.

19. **Unauthorized Waste** In the event that any hazardous waste, medical waste, or other regulated waste not allowed under this permit is accepted at the facility, the unauthorized waste shall be contained and properly secured immediately. The permittee shall notify the Department and the Suffolk County Department of Health Services within 24 hours of the event. The waste material shall be removed by a waste transporter authorized under 6 NYCRR Part 364 to transport such waste. A written report shall be submitted to the Department within 7 days of the event.

20. **Small Spill Containment** The facility shall keep available at the site equipment and materials necessary to contain small quantities of chemicals or spills. These materials shall be stored in well identified accessible storage areas. As a minimum, the following must be available at all times:

4 - 55 gallon drums with covers and securing rings
400 lbs. absorbent material (e.g. Speedi-Dri)

50 lbs. Boric Acid
50 lbs. Sodium Bicarbonate
Assorted brooms, shovels, gloves, masks, and other protective gear

21. **Maintenance and Repair of Facility** The permittee shall adequately maintain and make repairs to the facility as necessary. This includes any part of the facility, such as doors to buildings; odor and dust controls and equipment; punctures, holes, or other damage to buildings; minimizing the ponding of stormwater; and concrete and/ or asphalt pavement that becomes damaged or worn.

The permittee shall undertake all repairs immediately and have all work completed within one week. Repairs related to dust or odor controls must be completed within 24 hours. If the permittee is unable to complete repairs within the specified time outlined by this condition, the permittee shall provide an acceptable schedule to the Department which shall include a description of the work to be completed and any controls that will be implemented to ensure the facility remains in compliance with this permit, including the cessation of all or part of the facility operations.

22. **Recordkeeping Requirements** The permittee shall maintain the following records at the facility for a minimum of 7 years from the date of creation and be available immediately to the Department upon request:

a. Daily log of solid waste received and transported from the facility which includes:

   i. Type, quantity, planning unit, and origin of the solid waste received.

   ii. Destination of all solid waste and recovered materials transported from the facility.

   iii. The following additional information for incoming PCS: NYSDEC Spill Number, type of fuel contamination (ie: gasoline, #2 oil), source of contamination (ie: UST, surface spill)

b. All weight tickets, hauling receipts, disposal receipts, invoices, tracking documents, etc. to support entries made into the daily log.

c. All analytical sampling results for incoming fill material, if required, and outgoing fill material, and Spill Response Engineer certification letters.

23. **Notification and Reporting Requirements** These requirements include the following:

a. The permittee must maintain the required Suffolk County Department of Health Article 12 permit. The most recent Article 12 permit must be maintained on file with the Region 1 Office.

b. The permittee shall notify the Department 5 days in advance of any sampling required by this permit to offer the Department the opportunity to witness sampling and, if desired, collect split samples.

c. Upon receiving any sample results, the permittee must provide the results to the Department in a format prescribed by or acceptable to the Department.

d. The permittee must submit the original copy of the annual report to the Region 1 Office, and a copy to the Central Office. The report must be submitted no later than March 1 following each year of operation on forms prescribed by or acceptable to the Department.

e. All notifications and submittals to the Department shall be to the Region 1 Office located at the New York State Department of Environmental Conservation, Division of Materials Management, 50 Circle Road, SUNY @ Stony Brook, NY 11790, or electronically as directed by Department staff. The annual report may be submitted via email to SWMFAnnualReportR1@dec.ny.gov.

f. A copy of the annual report shall be sent to SWMFannualreport@dec.ny.gov.

24. Financial Assurance The permittee shall maintain the financial assurance in the amount of at least $2,687,440. Each year thereafter, the permittee must submit for review and approval adjusted closure costs estimates, including supporting justification to account for inflation and changes in facility conditions, and increase the amount once approved by the Department. The Department reserves the right to adjust the amount of the financial assurance in the future to account for increases in closure costs, and for non-compliance with any conditions of this permit and any requirement of 6 NYCRR Part 360.

In the event that the permittee fails to maintain financial assurance as required by this permit, the permittee must immediately cease accepting solid waste until financial assurance acceptable to the Department is in place. Within 10 days from the cessation of the required financial assurance, the permittee shall have all solid waste, including recovered recyclables, removed from the facility and the facility shall be in "broom clean" condition.

25. Environmental Monitor The environmental monitor shall be funded in accordance with the following for operations directly related to the permittee:

a. The permittee shall fund environmental monitoring services to be performed by or on behalf of the Department. These monitoring services will include, but not be limited to, the scope of work in an annual environmental monitoring work plan which is incorporated by reference and enforceable under this permit.

b. The permittee shall provide to the Department on an annual basis the funds necessary to support the activities set forth in the annual environmental monitoring work plan. The sum to be provided will be based on the annual budgeted amount and is subject to annual revision. Subsequent annual payments shall be made for the duration of this permit or until the environmental monitoring services are no longer necessary, whichever comes first.

c. The permittee shall be billed annually, prior to the start of each State Fiscal Year (SFY) (April 1). If this permit is to first become effective subsequent to April 1, the initial bill will be for an amount sufficient to meet the anticipated cost of the environmental monitoring services through the end of the current SFY.

d. The Department may revise the required annual bill on an annual basis to include all of the Department's estimated costs associated with the environmental monitoring services. The annual revision may take into account such factors as inflation, salary increases, changes in the fringe benefits rate, changes in operating hours and procedures, changes in non-personal service costs (including travel, training, sampling and analytical, and equipment costs, etc.), an increase or decrease in the level of environmental monitoring services necessary, and an increase or decrease in the number of environmental monitors. Upon written request by the permittee, the Department shall provide the permittee with a written explanation of the basis for any revisions.

e. Prior to making its annual payment, the permittee will receive, and have an opportunity to review and request adjustment to, an annual environmental monitoring work plan that the Department will undertake during the year. The Department will provide a final annual work plan that the Department will undertake during the year.

f. Payments are to be made in advance of the period in which they will be expended and shall be made in full within 30 days of receiving a bill from the Department. The bill from the Department to the permittee will provide information regarding to whom payments should be made payable and the address to which payments should be sent.

g. Failure to make the required payments shall be a violation of this permit. The Department reserves all rights to take appropriate action to enforce the above payment provisions.

h. The environmental monitor shall, when present at any of the permittee's facilities, abide by all of the permittee's health and safety and operational requirements and policies, if such requirements and policies exist and provided they are not inconsistent with Department policies and labor management contracts, and further provided, however, that this shall not be construed as limiting the environmental monitor's powers as otherwise provided for by law and shall not result in the environmental monitor being afforded less protection than otherwise provided to the environmental monitor by State and Federal health and safety requirements.

i. The environmental monitor shall receive from the permittee all general and site-specific safety training which is normally given to new facility/site employees for all areas of the facility or site. This training will be a supplement to the health and safety training that the environmental monitor routinely receives from the Department.

j. The permittee shall immediately furnish to the environmental monitor any facility/site health and safety and operational requirements and policies. Within five (5) days of any revision to the facility/site health and safety and operational requirements and policies, the permittee shall furnish to the environmental monitor the health and safety and operational requirements and policies.

k. The environmental monitor shall be permitted to use environmental monitoring and data collection devices (e.g., photo ionization detectors, cameras, video recording devices, computers, cell phones, etc.) deemed necessary by the Department to evaluate and document observed conditions. The permittee may request the data and images collected from areas where confidentiality is a concern be considered confidential information if appropriate. Copies of the data or images collected from areas where confidentiality has been determined to be a concern shall be provided to the permittee.

l. It will remain the responsibility of the permittee to contact the Spill Hotline or any Division within the Department regarding any required notification of any spill, release, exceedances etc. Notification to the environmental monitor will not be considered sufficient to replace any required notifications.

GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. **Facility Inspection by The Department** The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71- 0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. **Relationship of this Permit to Other Department Orders and Determinations** Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. **Applications For Permit Renewals, Modifications or Transfers** The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator
NYSDEC Region 1 Headquarters
SUNY @ Stony Brook|50 Circle Rd
Stony Brook, NY11790 -3409

4. **Submission of Renewal Application** The permittee must submit a renewal application at least 180 days before permit expiration for the following permit authorizations: Solid Waste Management.

5. **Permit Modifications, Suspensions and Revocations by the Department** The Department reserves the right to exercise all available authority to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

a. materially false or inaccurate statements in the permit application or supporting papers;

b. failure by the permittee to comply with any terms or conditions of the permit;

c. exceeding the scope of the project as described in the permit application;

d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;

e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

6. **Permit Transfer** Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification
The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit
The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits
The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights
This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.