Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: [redacted]
Terra AyAy Environmental Action Group
1023 Market Street
Christiansted, Virgin Islands, U.S. 00820
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JOB DESCRIPTION

Terra Ay Ay - St. Croix, VI

JOB NUMBER

[redacted]

Eurofins Orlando

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Definitions/Glossary

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID: [redacted]

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
Q	Sample held beyond the accepted holding time.
U	Indicates that the compound was analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J	Estimated value; value may not be accurate.
Q	Sample held beyond the accepted holding time.
U	Indicates that the compound was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Q	Sample held beyond the accepted holding time.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: [redacted] Eurofins Orlando

Job Narrativ [redacted]

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/2/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

Receipt Exceptions
The following samples were received at the laboratory without a sample collection time documented on the chain of custody: [redacted] The client was contacted, and the laboratory was instructed to <CHOOSE_ONE> use a sample collection time of 12:00am OR <EXPLANATION_REQUIRED>

GC/MS VOA
Method 524.2_Preserved: The following samples were analyzed outside of analytical holding time due to received with insufficient holding time remaining: [redacted]

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS
Method 533: The following samples were received outside of holding time: [redacted]

Method 533: The following samples were received outside of holding time: [redacted]

[redacted] continuing calibration verification (CCV) associated with batch 680-881804 recovered outside acceptance criteria, low biased, for 13C3 HFPO-DA. The analyte was inside acceptable limits for the associated samples and quality control so the data was reported and qualified accordingly.

Method 533: Due to sample matrix effect on the internal standard (ISTD) and/or isotope dilution analyte (IDA), a dilution was required on the following samples [redacted]

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 245.1_SDWA: The following samples were assigned outside of holding time: [redacted]

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Detection Summary

Client: Terra AyAy Environmental Action Group

Job ID: [redacted]

Project/Site: Terra Ay Ay - St. Croix, VI

Client Sample ID: 6 = [redacted] Lab Sample ID: [redacted]1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.00085	I	0.0018	0.00058	mg/L	1		200.8	Total/NA

Client Sample ID: 23 = [redacted] Lab Sample ID: [redacted]-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0071		0.0018	0.00058	mg/L	1		200.8	Total/NA
Lead	0.00055	I	0.0018	0.00022	mg/L	1		200.8	Total/NA

Client Sample ID: 25 = [redacted] Lab Sample ID: [redacted]-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0028		0.0018	0.00058	mg/L	1		200.8	Total/NA
Lead	0.0014	I	0.0018	0.00022	mg/L	1		200.8	Total/NA

Client Sample ID: 31 = [redacted] Lab Sample ID: [redacted]-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	0.60	I Q	1.8	0.45	ng/L	1		533	Total/NA
Arsenic	0.0013	I	0.0036	0.00035	mg/L	1		200.8	Total/NA
Barium	0.075		0.0036	0.00033	mg/L	1		200.8	Total/NA
Copper	0.024		0.0018	0.00058	mg/L	1		200.8	Total/NA
Lead	0.00085	I	0.0018	0.00022	mg/L	1		200.8	Total/NA
Selenium	0.0062		0.0036	0.00090	mg/L	1		200.8	Total/NA
Zinc	0.022		0.0036	0.0012	mg/L	1		200.8	Total/NA

Client Sample ID: 32 = [redacted] Lab Sample ID: [redacted]-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanesulfonic acid (PFPeS)	0.47	I Q J	1.9	0.47	ng/L	1		533	Total/NA
Aluminum	0.15		0.036	0.0031	mg/L	1		200.8	Total/NA
Barium	0.0064		0.0036	0.00033	mg/L	1		200.8	Total/NA
Chromium	0.00035	I	0.0018	0.00035	mg/L	1		200.8	Total/NA
Copper	0.0012	I	0.0018	0.00058	mg/L	1		200.8	Total/NA
Lead	0.0010	I	0.0018	0.00022	mg/L	1		200.8	Total/NA
Zinc	0.023		0.0036	0.0012	mg/L	1		200.8	Total/NA

Client Sample ID: 33 = [redacted] Lab Sample ID: [redacted]-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	1.0	I Q J	2.0	0.50	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.7	I Q	2.0	0.50	ng/L	1		533	Total/NA
Aluminum	0.012	I	0.036	0.0031	mg/L	1		200.8	Total/NA
Arsenic	0.00071	I	0.0036	0.00035	mg/L	1		200.8	Total/NA
Barium	0.043		0.0036	0.00033	mg/L	1		200.8	Total/NA
Chromium	0.0016	I	0.0018	0.00035	mg/L	1		200.8	Total/NA
Copper	0.030		0.0018	0.00058	mg/L	1		200.8	Total/NA
Lead	0.0019		0.0018	0.00022	mg/L	1		200.8	Total/NA
Manganese	0.0018	I	0.0023	0.00090	mg/L	1		200.8	Total/NA
Nickel	0.0013	I	0.0036	0.00082	mg/L	1		200.8	Total/NA
Selenium	0.0020	I	0.0036	0.00090	mg/L	1		200.8	Total/NA
Zinc	0.048		0.0036	0.0012	mg/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Terra AyAy Environmental Action Group

Job ID: [redacted]

Project/Site: Terra Ay Ay - St. Croix, VI

Client Sample ID: 34 = [redacted] Lab Sample ID: [redacted]-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	3.8	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	9.8	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	4.9	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.9	Q	1.6	0.61	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.2	I Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	4.3	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	14	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.2	I Q	1.6	0.41	ng/L	1		533	Total/NA
Arsenic	0.00037	I	0.0036	0.00035	mg/L	1		200.8	Total/NA
Barium	0.012		0.0036	0.00033	mg/L	1		200.8	Total/NA
Chromium	0.0014	I	0.0018	0.00035	mg/L	1		200.8	Total/NA
Copper	0.0091		0.0018	0.00058	mg/L	1		200.8	Total/NA
Lead	0.00098	I	0.0018	0.00022	mg/L	1		200.8	Total/NA
Nickel	0.0022	I	0.0036	0.00082	mg/L	1		200.8	Total/NA
Selenium	0.0023	I	0.0036	0.00090	mg/L	1		200.8	Total/NA
Zinc	0.012		0.0036	0.0012	mg/L	1		200.8	Total/NA

Client Sample ID: 35 = [redacted] Lab Sample ID: [redacted]-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	3.7	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	1.1	I Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	3.4	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	9.2	Q	1.6	0.61	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.8	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	3.2	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	6.2	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.6	Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	0.64	I Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.63	I Q	1.6	0.41	ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS) - REDL	22	Q	10	2.5	ng/L	1		533	Total/NA
Arsenic	0.0011	I	0.0036	0.00035	mg/L	1		200.8	Total/NA
Barium	0.026		0.0036	0.00033	mg/L	1		200.8	Total/NA
Chromium	0.0028		0.0018	0.00035	mg/L	1		200.8	Total/NA
Copper	0.011		0.0018	0.00058	mg/L	1		200.8	Total/NA
Lead	0.00049	I	0.0018	0.00022	mg/L	1		200.8	Total/NA
Selenium	0.0028	I	0.0036	0.00090	mg/L	1		200.8	Total/NA
Silver	0.000033	I	0.00090	0.000033	mg/L	1		200.8	Total/NA
Zinc	0.0089		0.0036	0.0012	mg/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Terra AyAy Environmental Action Group Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Client Sample ID: 6 = [redacted] Lab Sample ID: [redacted]1

Date Collected: 03/27/25 17:35 **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17	U	1.0	0.17	ug/L			04/07/25 18:53	1
Carbon tetrachloride	0.28	U	1.0	0.28	ug/L			04/07/25 18:53	1
Chlorobenzene	0.30	U	1.0	0.30	ug/L			04/07/25 18:53	1
cis-1,2-Dichloroethene	0.19	U	1.0	0.19	ug/L			04/07/25 18:53	1
1,2-Dichlorobenzene	0.32	U	1.0	0.32	ug/L			04/07/25 18:53	1
1,4-Dichlorobenzene	0.27	U	1.0	0.27	ug/L			04/07/25 18:53	1
1,2-Dichloroethane	0.23	U	1.0	0.23	ug/L			04/07/25 18:53	1
1,1-Dichloroethene	0.39	U	1.0	0.39	ug/L			04/07/25 18:53	1
1,2-Dichloropropane	0.43	U	1.0	0.43	ug/L			04/07/25 18:53	1
Ethylbenzene	0.24	U	1.0	0.24	ug/L			04/07/25 18:53	1
Methylene Chloride	0.50	U	2.0	0.50	ug/L			04/07/25 18:53	1
m-Xylene & p-Xylene	0.25	U	2.0	0.25	ug/L			04/07/25 18:53	1
o-Xylene	0.23	U	1.0	0.23	ug/L			04/07/25 18:53	1
Styrene	0.24	U	1.0	0.24	ug/L			04/07/25 18:53	1
Tetrachloroethene	0.37	U	1.0	0.37	ug/L			04/07/25 18:53	1
Toluene	0.23	U	1.0	0.23	ug/L			04/07/25 18:53	1
trans-1,2-Dichloroethene	0.33	U	1.0	0.33	ug/L			04/07/25 18:53	1
1,2,4-Trichlorobenzene	0.29	U	1.0	0.29	ug/L			04/07/25 18:53	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			04/07/25 18:53	1
1,1,2-Trichloroethane	0.39	U	1.0	0.39	ug/L			04/07/25 18:53	1
Trichloroethene	0.34	U	1.0	0.34	ug/L			04/07/25 18:53	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			04/07/25 18:53	1
Xylenes, Total	0.50	U	1.0	0.50	ug/L			04/07/25 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/07/25 18:53*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*04/07/25 18:53*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/07/25 18:53*	*1*

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**0.00085**	**I**	0.0018	0.00058	mg/L		04/25/25 10:27	04/25/25 11:48	1
Lead	0.00022	U	0.0018	0.00022	mg/L		04/25/25 10:27	04/25/25 11:48	1

Client Sample ID: 23 = [redacted] Lab Sample ID: [redacted]-2

Date Collected: 03/22/25 16:00 **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17	U Q	1.0	0.17	ug/L			04/07/25 20:23	1
Carbon tetrachloride	0.28	U Q	1.0	0.28	ug/L			04/07/25 20:23	1
Chlorobenzene	0.30	U Q	1.0	0.30	ug/L			04/07/25 20:23	1
cis-1,2-Dichloroethene	0.19	U Q	1.0	0.19	ug/L			04/07/25 20:23	1
1,2-Dichlorobenzene	0.32	U Q	1.0	0.32	ug/L			04/07/25 20:23	1
1,4-Dichlorobenzene	0.27	U Q	1.0	0.27	ug/L			04/07/25 20:23	1
1,2-Dichloroethane	0.23	U Q	1.0	0.23	ug/L			04/07/25 20:23	1
1,1-Dichloroethene	0.39	U Q	1.0	0.39	ug/L			04/07/25 20:23	1
1,2-Dichloropropane	0.43	U Q	1.0	0.43	ug/L			04/07/25 20:23	1
Ethylbenzene	0.24	U Q	1.0	0.24	ug/L			04/07/25 20:23	1

Client Sample Results

Client: Terra AyAy Environmental Action Group — Job ID [redacted]

Project/Site: Terra Ay Ay - St. Croix, VI

Client Sample ID: 23 = [redacted] — Lab Sample ID: [redacted]-2

Date Collected: 03/22/25 16:00 — **Matrix: Drinking Water**

Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.50	U Q	2.0	0.50	ug/L			04/07/25 20:23	1
m-Xylene & p-Xylene	0.25	U Q	2.0	0.25	ug/L			04/07/25 20:23	1
o-Xylene	0.23	U Q	1.0	0.23	ug/L			04/07/25 20:23	1
Styrene	0.24	U Q	1.0	0.24	ug/L			04/07/25 20:23	1
Tetrachloroethene	0.37	U Q	1.0	0.37	ug/L			04/07/25 20:23	1
Toluene	0.23	U Q	1.0	0.23	ug/L			04/07/25 20:23	1
trans-1,2-Dichloroethene	0.33	U Q	1.0	0.33	ug/L			04/07/25 20:23	1
1,2,4-Trichlorobenzene	0.29	U Q	1.0	0.29	ug/L			04/07/25 20:23	1
1,1,1-Trichloroethane	0.16	U Q	1.0	0.16	ug/L			04/07/25 20:23	1
1,1,2-Trichloroethane	0.39	U Q	1.0	0.39	ug/L			04/07/25 20:23	1
Trichloroethene	0.34	U Q	1.0	0.34	ug/L			04/07/25 20:23	1
Vinyl chloride	0.40	U Q	1.0	0.40	ug/L			04/07/25 20:23	1
Xylenes, Total	0.50	U Q	1.0	0.50	ug/L			04/07/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/07/25 20:23*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/07/25 20:23*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/07/25 20:23*	*1*

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**0.0071**		0.0018	0.00058	mg/L		04/25/25 10:27	04/25/25 12:17	1
Lead	**0.00055**	**I**	0.0018	0.00022	mg/L		04/25/25 10:27	04/25/25 12:17	1

Client Sample ID: 25 = [redacted] — Lab Sample ID: [redacted]-3

Date Collected: 03/22/25 14:30 — **Matrix: Drinking Water**

Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17	U Q	1.0	0.17	ug/L			04/07/25 20:46	1
Carbon tetrachloride	0.28	U Q	1.0	0.28	ug/L			04/07/25 20:46	1
Chlorobenzene	0.30	U Q	1.0	0.30	ug/L			04/07/25 20:46	1
cis-1,2-Dichloroethene	0.19	U Q	1.0	0.19	ug/L			04/07/25 20:46	1
1,2-Dichlorobenzene	0.32	U Q	1.0	0.32	ug/L			04/07/25 20:46	1
1,4-Dichlorobenzene	0.27	U Q	1.0	0.27	ug/L			04/07/25 20:46	1
1,2-Dichloroethane	0.23	U Q	1.0	0.23	ug/L			04/07/25 20:46	1
1,1-Dichloroethene	0.39	U Q	1.0	0.39	ug/L			04/07/25 20:46	1
1,2-Dichloropropane	0.43	U Q	1.0	0.43	ug/L			04/07/25 20:46	1
Ethylbenzene	0.24	U Q	1.0	0.24	ug/L			04/07/25 20:46	1
Methylene Chloride	0.50	U Q	2.0	0.50	ug/L			04/07/25 20:46	1
m-Xylene & p-Xylene	0.25	U Q	2.0	0.25	ug/L			04/07/25 20:46	1
o-Xylene	0.23	U Q	1.0	0.23	ug/L			04/07/25 20:46	1
Styrene	0.24	U Q	1.0	0.24	ug/L			04/07/25 20:46	1
Tetrachloroethene	0.37	U Q	1.0	0.37	ug/L			04/07/25 20:46	1
Toluene	0.23	U Q	1.0	0.23	ug/L			04/07/25 20:46	1
trans-1,2-Dichloroethene	0.33	U Q	1.0	0.33	ug/L			04/07/25 20:46	1
1,2,4-Trichlorobenzene	0.29	U Q	1.0	0.29	ug/L			04/07/25 20:46	1
1,1,1-Trichloroethane	0.16	U Q	1.0	0.16	ug/L			04/07/25 20:46	1
1,1,2-Trichloroethane	0.39	U Q	1.0	0.39	ug/L			04/07/25 20:46	1

Client Sample Results

Client: Terra AyAy Environmental Action Group
Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Client Sample ID: 25 = [redacted]
Lab Sample ID: [redacted]-3
Date Collected: 03/22/25 14:30
Matrix: Drinking Water
Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.34	U Q	1.0	0.34	ug/L			04/07/25 20:46	1
Vinyl chloride	0.40	U Q	1.0	0.40	ug/L			04/07/25 20:46	1
Xylenes, Total	0.50	U Q	1.0	0.50	ug/L			04/07/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*04/07/25 20:46*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*04/07/25 20:46*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/07/25 20:46*	*1*

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**0.0028**		0.0018	0.00058	mg/L		04/25/25 10:27	04/25/25 12:19	1
Lead	**0.0014**	**I**	0.0018	0.00022	mg/L		04/25/25 10:27	04/25/25 12:19	1

Client Sample ID: 31 = [redacted]
Lab Sample ID: [redacted]-4
Date Collected: 12/07/24 13:42
Matrix: Drinking Water
Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17	U Q	1.0	0.17	ug/L			04/07/25 21:08	1
Carbon tetrachloride	0.28	U Q	1.0	0.28	ug/L			04/07/25 21:08	1
Chlorobenzene	0.30	U Q	1.0	0.30	ug/L			04/07/25 21:08	1
cis-1,2-Dichloroethene	0.19	U Q	1.0	0.19	ug/L			04/07/25 21:08	1
1,2-Dichlorobenzene	0.32	U Q	1.0	0.32	ug/L			04/07/25 21:08	1
1,4-Dichlorobenzene	0.27	U Q	1.0	0.27	ug/L			04/07/25 21:08	1
1,2-Dichloroethane	0.23	U Q	1.0	0.23	ug/L			04/07/25 21:08	1
1,1-Dichloroethene	0.39	U Q	1.0	0.39	ug/L			04/07/25 21:08	1
1,2-Dichloropropane	0.43	U Q	1.0	0.43	ug/L			04/07/25 21:08	1
Ethylbenzene	0.24	U Q	1.0	0.24	ug/L			04/07/25 21:08	1
Methylene Chloride	0.50	U Q	2.0	0.50	ug/L			04/07/25 21:08	1
m-Xylene & p-Xylene	0.25	U Q	2.0	0.25	ug/L			04/07/25 21:08	1
o-Xylene	0.23	U Q	1.0	0.23	ug/L			04/07/25 21:08	1
Styrene	0.24	U Q	1.0	0.24	ug/L			04/07/25 21:08	1
Tetrachloroethene	0.37	U Q	1.0	0.37	ug/L			04/07/25 21:08	1
Toluene	0.23	U Q	1.0	0.23	ug/L			04/07/25 21:08	1
trans-1,2-Dichloroethene	0.33	U Q	1.0	0.33	ug/L			04/07/25 21:08	1
1,2,4-Trichlorobenzene	0.29	U Q	1.0	0.29	ug/L			04/07/25 21:08	1
1,1,1-Trichloroethane	0.16	U Q	1.0	0.16	ug/L			04/07/25 21:08	1
1,1,2-Trichloroethane	0.39	U Q	1.0	0.39	ug/L			04/07/25 21:08	1
Trichloroethene	0.34	U Q	1.0	0.34	ug/L			04/07/25 21:08	1
Vinyl chloride	0.40	U Q	1.0	0.40	ug/L			04/07/25 21:08	1
Xylenes, Total	0.50	U Q	1.0	0.50	ug/L			04/07/25 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*04/07/25 21:08*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*04/07/25 21:08*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/07/25 21:08*	*1*

Client Sample ID: 31 = [redacted] **Lab Sample ID: [redacted]-4**
Date Collected: 12/07/24 13:42 **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluorooctanesulfonic acid (PFOS)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluoroundecanoic acid (PFUnA)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluoropentanesulfonic acid (PFPeS)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluorohexanoic acid (PFHxA)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluorododecanoic acid (PFDoA)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluorooctanoic acid (PFOA)	0.67	U Q	1.8	0.67	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluorodecanoic acid (PFDA)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluorohexanesulfonic acid (PFHxS)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluorobutanesulfonic acid (PFBS)	**0.60**	**I Q**	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluoroheptanesulfonic acid (PFHpS)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
Perfluorononanoic acid (PFNA)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.45	U Q	1.8	0.45	ng/L		04/25/25 12:21	04/27/25 16:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFDoA	*93*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
13C8 PFOA	*98*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
13C8 PFOS	*103*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
13C3 HFPO-DA	*59*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
M2-6:2 FTS	*140*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
M2-8:2 FTS	*164*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
13C3 PFBS	*75*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
M2-4:2 FTS	*123*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
13C5 PFHxA	*114*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
13C9 PFNA	*100*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
13C6 PFDA	*95*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
13C7 PFUnA	*116*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*
13C3 PFHxS	*116*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:56*	*1*

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water - REDL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:01	1
Perfluorobutanoic acid (PFBA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:01	1
Perfluoroheptanoic acid (PFHpA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:01	1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Client Sample ID: 31 = [redacted] | Lab Sample ID: [redacted]-4

Date Collected: 12/07/24 13:42 | **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water - REDL (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*102*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:01*	*1*
13C4 PFHpA	*134*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:01*	*1*
13C5 PFPeA	*134*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:01*	*1*

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0031	U	0.036	0.0031	mg/L		04/25/25 10:27	04/25/25 11:54	1
Antimony	0.00037	U	0.0018	0.00037	mg/L		04/25/25 10:27	04/25/25 11:54	1
Arsenic	**0.0013**	**I**	0.0036	0.00035	mg/L		04/25/25 10:27	04/25/25 11:54	1
Barium	**0.075**		0.0036	0.00033	mg/L		04/25/25 10:27	04/25/25 11:54	1
Beryllium	0.00029	U	0.00090	0.00029	mg/L		04/25/25 10:27	04/25/25 11:54	1
Cadmium	0.00022	U	0.00090	0.00022	mg/L		04/25/25 10:27	04/25/25 11:54	1
Chromium	0.00035	U	0.0018	0.00035	mg/L		04/25/25 10:27	04/25/25 11:54	1
Copper	**0.024**		0.0018	0.00058	mg/L		04/25/25 10:27	04/25/25 11:54	1
Lead	**0.00085**	**I**	0.0018	0.00022	mg/L		04/25/25 10:27	04/25/25 11:54	1
Manganese	0.00090	U	0.0023	0.00090	mg/L		04/25/25 10:27	04/25/25 11:54	1
Nickel	0.00082	U	0.0036	0.00082	mg/L		04/25/25 10:27	04/25/25 11:54	1
Selenium	**0.0062**		0.0036	0.00090	mg/L		04/25/25 10:27	04/25/25 11:54	1
Silver	0.000033	U	0.00090	0.000033	mg/L		04/25/25 10:27	04/25/25 11:54	1
Thallium	0.00031	U	0.00090	0.00031	mg/L		04/25/25 10:27	04/25/25 11:54	1
Zinc	**0.022**		0.0036	0.0012	mg/L		04/25/25 10:27	04/25/25 11:54	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U Q	0.00040	0.00020	mg/L		04/24/25 16:48	04/24/25 17:31	1

Client Sample ID: 32 = [redacted] | Lab Sample ID: [redacted]-5

Date Collected: 12/09/24 12:40 | **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17	U Q	1.0	0.17	ug/L			04/07/25 21:31	1
Carbon tetrachloride	0.28	U Q	1.0	0.28	ug/L			04/07/25 21:31	1
Chlorobenzene	0.30	U Q	1.0	0.30	ug/L			04/07/25 21:31	1
cis-1,2-Dichloroethene	0.19	U Q	1.0	0.19	ug/L			04/07/25 21:31	1
1,2-Dichlorobenzene	0.32	U Q	1.0	0.32	ug/L			04/07/25 21:31	1
1,4-Dichlorobenzene	0.27	U Q	1.0	0.27	ug/L			04/07/25 21:31	1
1,2-Dichloroethane	0.23	U Q	1.0	0.23	ug/L			04/07/25 21:31	1
1,1-Dichloroethene	0.39	U Q	1.0	0.39	ug/L			04/07/25 21:31	1
1,2-Dichloropropane	0.43	U Q	1.0	0.43	ug/L			04/07/25 21:31	1
Ethylbenzene	0.24	U Q	1.0	0.24	ug/L			04/07/25 21:31	1
Methylene Chloride	0.50	U Q	2.0	0.50	ug/L			04/07/25 21:31	1
m-Xylene & p-Xylene	0.25	U Q	2.0	0.25	ug/L			04/07/25 21:31	1
o-Xylene	0.23	U Q	1.0	0.23	ug/L			04/07/25 21:31	1
Styrene	0.24	U Q	1.0	0.24	ug/L			04/07/25 21:31	1

Client: Terra AyAy Environmental Action Group

Job ID: [redacted]

Project/Site: Terra Ay Ay - St. Croix, VI

Client Sample ID: 32 = [redacted]

Lab Sample ID: [redacted]-5

Date Collected: 12/09/24 12:40

Matrix: Drinking Water

Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.37	U Q	1.0	0.37	ug/L			04/07/25 21:31	1
Toluene	0.23	U Q	1.0	0.23	ug/L			04/07/25 21:31	1
trans-1,2-Dichloroethene	0.33	U Q	1.0	0.33	ug/L			04/07/25 21:31	1
1,2,4-Trichlorobenzene	0.29	U Q	1.0	0.29	ug/L			04/07/25 21:31	1
1,1,1-Trichloroethane	0.16	U Q	1.0	0.16	ug/L			04/07/25 21:31	1
1,1,2-Trichloroethane	0.39	U Q	1.0	0.39	ug/L			04/07/25 21:31	1
Trichloroethene	0.34	U Q	1.0	0.34	ug/L			04/07/25 21:31	1
Vinyl chloride	0.40	U Q	1.0	0.40	ug/L			04/07/25 21:31	1
Xylenes, Total	0.50	U Q	1.0	0.50	ug/L			04/07/25 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/07/25 21:31*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*04/07/25 21:31*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/07/25 21:31*	*1*

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluorooctanesulfonic acid (PFOS)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluoroundecanoic acid (PFUnA)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluoropentanesulfonic acid (PFPeS)	**0.47**	**I Q J**	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluorohexanoic acid (PFHxA)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluorododecanoic acid (PFDoA)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluorooctanoic acid (PFOA)	0.71	U Q	1.9	0.71	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluorodecanoic acid (PFDA)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluorohexanesulfonic acid (PFHxS)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluorobutanesulfonic acid (PFBS)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluoroheptanesulfonic acid (PFHpS)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
Perfluorononanoic acid (PFNA)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.47	U Q	1.9	0.47	ng/L		04/25/25 12:21	04/27/25 17:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFDoA	*91*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
13C8 PFOA	*88*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
13C8 PFOS	*94*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
13C3 HFPO-DA	*73*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
M2-6:2 FTS	*143*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*

Client Sample ID: 32 = [redacted] — **Lab Sample ID: [redacted]-5**
Date Collected: 12/09/24 12:40 — **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*142*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
13C3 PFBS	*76*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
M2-4:2 FTS	*104*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
13C5 PFHxA	*101*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
13C9 PFNA	*97*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
13C6 PFDA	*90*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
13C7 PFUnA	*113*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*
13C3 PFHxS	*133*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:06*	*1*

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water - REDL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:11	1
Perfluorobutanoic acid (PFBA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:11	1
Perfluoroheptanoic acid (PFHpA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:11*	*1*
13C4 PFHpA	*126*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:11*	*1*
13C5 PFPeA	*107*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:11*	*1*

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.15**		0.036	0.0031	mg/L		04/25/25 10:27	04/25/25 11:56	1
Antimony	0.00037	U	0.0018	0.00037	mg/L		04/25/25 10:27	04/25/25 11:56	1
Arsenic	0.00035	U	0.0036	0.00035	mg/L		04/25/25 10:27	04/25/25 11:56	1
Barium	**0.0064**		0.0036	0.00033	mg/L		04/25/25 10:27	04/25/25 11:56	1
Beryllium	0.00029	U	0.00090	0.00029	mg/L		04/25/25 10:27	04/25/25 11:56	1
Cadmium	0.00022	U	0.00090	0.00022	mg/L		04/25/25 10:27	04/25/25 11:56	1
Chromium	**0.00035**	**I**	0.0018	0.00035	mg/L		04/25/25 10:27	04/25/25 11:56	1
Copper	**0.0012**	**I**	0.0018	0.00058	mg/L		04/25/25 10:27	04/25/25 11:56	1
Lead	**0.0010**	**I**	0.0018	0.00022	mg/L		04/25/25 10:27	04/25/25 11:56	1
Manganese	0.00090	U	0.0023	0.00090	mg/L		04/25/25 10:27	04/25/25 11:56	1
Nickel	0.00082	U	0.0036	0.00082	mg/L		04/25/25 10:27	04/25/25 11:56	1
Selenium	0.00090	U	0.0036	0.00090	mg/L		04/25/25 10:27	04/25/25 11:56	1
Silver	0.000033	U	0.00090	0.000033	mg/L		04/25/25 10:27	04/25/25 11:56	1
Thallium	0.00031	U	0.00090	0.00031	mg/L		04/25/25 10:27	04/25/25 11:56	1
Zinc	**0.023**		0.0036	0.0012	mg/L		04/25/25 10:27	04/25/25 11:56	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U Q	0.00040	0.00020	mg/L		04/24/25 16:48	04/24/25 17:32	1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Client Sample Results

Client: Terra AyAy Environmental Action Group
Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Client Sample ID: 33 = [redacted]
Lab Sample ID: [redacted]-6
Date Collected: 03/27/25 11:30
Matrix: Drinking Water
Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17	U	1.0	0.17	ug/L			04/07/25 21:54	1
Carbon tetrachloride	0.28	U	1.0	0.28	ug/L			04/07/25 21:54	1
Chlorobenzene	0.30	U	1.0	0.30	ug/L			04/07/25 21:54	1
cis-1,2-Dichloroethene	0.19	U	1.0	0.19	ug/L			04/07/25 21:54	1
1,2-Dichlorobenzene	0.32	U	1.0	0.32	ug/L			04/07/25 21:54	1
1,4-Dichlorobenzene	0.27	U	1.0	0.27	ug/L			04/07/25 21:54	1
1,2-Dichloroethane	0.23	U	1.0	0.23	ug/L			04/07/25 21:54	1
1,1-Dichloroethene	0.39	U	1.0	0.39	ug/L			04/07/25 21:54	1
1,2-Dichloropropane	0.43	U	1.0	0.43	ug/L			04/07/25 21:54	1
Ethylbenzene	0.24	U	1.0	0.24	ug/L			04/07/25 21:54	1
Methylene Chloride	0.50	U	2.0	0.50	ug/L			04/07/25 21:54	1
m-Xylene & p-Xylene	0.25	U	2.0	0.25	ug/L			04/07/25 21:54	1
o-Xylene	0.23	U	1.0	0.23	ug/L			04/07/25 21:54	1
Styrene	0.24	U	1.0	0.24	ug/L			04/07/25 21:54	1
Tetrachloroethene	0.37	U	1.0	0.37	ug/L			04/07/25 21:54	1
Toluene	0.23	U	1.0	0.23	ug/L			04/07/25 21:54	1
trans-1,2-Dichloroethene	0.33	U	1.0	0.33	ug/L			04/07/25 21:54	1
1,2,4-Trichlorobenzene	0.29	U	1.0	0.29	ug/L			04/07/25 21:54	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			04/07/25 21:54	1
1,1,2-Trichloroethane	0.39	U	1.0	0.39	ug/L			04/07/25 21:54	1
Trichloroethene	0.34	U	1.0	0.34	ug/L			04/07/25 21:54	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			04/07/25 21:54	1
Xylenes, Total	0.50	U	1.0	0.50	ug/L			04/07/25 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/07/25 21:54*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*04/07/25 21:54*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/07/25 21:54*	*1*

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
Perfluorooctanesulfonic acid (PFOS)	**1.0**	**I Q J**	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
Perfluoroundecanoic acid (PFUnA)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
Perfluoropentanesulfonic acid (PFPeS)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
Perfluorododecanoic acid (PFDoA)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
Perfluorooctanoic acid (PFOA)	0.75	U Q	2.0	0.75	ng/L		04/25/25 12:21	04/27/25 17:17	1
Perfluorodecanoic acid (PFDA)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
Perfluorohexanesulfonic acid (PFHxS)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
Perfluorobutanesulfonic acid (PFBS)	**1.7**	**I Q**	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
Perfluoroheptanesulfonic acid (PFHpS)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
Perfluorononanoic acid (PFNA)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1

Client: Terra AyAy Environmental Action Group | Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Client Sample ID: 33 = [redacted] | **Lab Sample ID: [redacted]-6**
Date Collected: 03/27/25 11:30 | **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.50	U Q	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 17:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFDoA	*73*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
13C8 PFOA	*87*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
13C8 PFOS	*102*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
13C3 HFPO-DA	*110*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
M2-6:2 FTS	*112*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
M2-8:2 FTS	*118*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
13C3 PFBS	*91*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
M2-4:2 FTS	*70*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
13C9 PFNA	*85*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
13C6 PFDA	*78*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
13C7 PFUnA	*88*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*
13C3 PFHxS	*116*		*50 - 200*	*04/25/25 12:21*	*04/27/25 17:17*	*1*

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water - REDL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:22	1
Perfluoropentanoic acid (PFPeA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:22	1
Perfluorohexanoic acid (PFHxA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:22	1
Perfluorobutanoic acid (PFBA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:22	1
Perfluoroheptanoic acid (PFHpA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:22	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:22	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:22*	*1*
13C4 PFHpA	*103*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:22*	*1*
13C5 PFPeA	*100*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:22*	*1*
13C5 PFHxA	*75*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:22*	*1*

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.012**	**I**	0.036	0.0031	mg/L		04/25/25 10:27	04/25/25 11:58	1
Antimony	0.00037	U	0.0018	0.00037	mg/L		04/25/25 10:27	04/25/25 11:58	1
Arsenic	**0.00071**	**I**	0.0036	0.00035	mg/L		04/25/25 10:27	04/25/25 11:58	1
Barium	**0.043**		0.0036	0.00033	mg/L		04/25/25 10:27	04/25/25 11:58	1
Beryllium	0.00029	U	0.00090	0.00029	mg/L		04/25/25 10:27	04/25/25 11:58	1
Cadmium	0.00022	U	0.00090	0.00022	mg/L		04/25/25 10:27	04/25/25 11:58	1
Chromium	**0.0016**	**I**	0.0018	0.00035	mg/L		04/25/25 10:27	04/25/25 11:58	1

Client Sample ID: 33 = [redacted]

Lab Sample ID: [redacted]-6
Date Collected: 03/27/25 11:30
Matrix: Drinking Water
Date Received: 04/02/25 08:00

Method: EPA 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**0.030**		0.0018	0.00058	mg/L		04/25/25 10:27	04/25/25 11:58	1
Lead	**0.0019**		0.0018	0.00022	mg/L		04/25/25 10:27	04/25/25 11:58	1
Manganese	**0.0018**	**I**	0.0023	0.00090	mg/L		04/25/25 10:27	04/25/25 11:58	1
Nickel	**0.0013**	**I**	0.0036	0.00082	mg/L		04/25/25 10:27	04/25/25 11:58	1
Selenium	**0.0020**	**I**	0.0036	0.00090	mg/L		04/25/25 10:27	04/25/25 11:58	1
Silver	0.000033	U	0.00090	0.000033	mg/L		04/25/25 10:27	04/25/25 11:58	1
Thallium	0.00031	U	0.00090	0.00031	mg/L		04/25/25 10:27	04/25/25 11:58	1
Zinc	**0.048**		0.0036	0.0012	mg/L		04/25/25 10:27	04/25/25 11:58	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		04/24/25 16:48	04/24/25 17:33	1

Client Sample ID: 34 = [redacted]

Lab Sample ID: [redacted]-7
Date Collected: 03/22/25 13:00
Matrix: Drinking Water
Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17	U Q	1.0	0.17	ug/L			04/07/25 22:16	1
Carbon tetrachloride	0.28	U Q	1.0	0.28	ug/L			04/07/25 22:16	1
Chlorobenzene	0.30	U Q	1.0	0.30	ug/L			04/07/25 22:16	1
cis-1,2-Dichloroethene	0.19	U Q	1.0	0.19	ug/L			04/07/25 22:16	1
1,2-Dichlorobenzene	0.32	U Q	1.0	0.32	ug/L			04/07/25 22:16	1
1,4-Dichlorobenzene	0.27	U Q	1.0	0.27	ug/L			04/07/25 22:16	1
1,2-Dichloroethane	0.23	U Q	1.0	0.23	ug/L			04/07/25 22:16	1
1,1-Dichloroethene	0.39	U Q	1.0	0.39	ug/L			04/07/25 22:16	1
1,2-Dichloropropane	0.43	U Q	1.0	0.43	ug/L			04/07/25 22:16	1
Ethylbenzene	0.24	U Q	1.0	0.24	ug/L			04/07/25 22:16	1
Methylene Chloride	0.50	U Q	2.0	0.50	ug/L			04/07/25 22:16	1
m-Xylene & p-Xylene	0.25	U Q	2.0	0.25	ug/L			04/07/25 22:16	1
o-Xylene	0.23	U Q	1.0	0.23	ug/L			04/07/25 22:16	1
Styrene	0.24	U Q	1.0	0.24	ug/L			04/07/25 22:16	1
Tetrachloroethene	0.37	U Q	1.0	0.37	ug/L			04/07/25 22:16	1
Toluene	0.23	U Q	1.0	0.23	ug/L			04/07/25 22:16	1
trans-1,2-Dichloroethene	0.33	U Q	1.0	0.33	ug/L			04/07/25 22:16	1
1,2,4-Trichlorobenzene	0.29	U Q	1.0	0.29	ug/L			04/07/25 22:16	1
1,1,1-Trichloroethane	0.16	U Q	1.0	0.16	ug/L			04/07/25 22:16	1
1,1,2-Trichloroethane	0.39	U Q	1.0	0.39	ug/L			04/07/25 22:16	1
Trichloroethene	0.34	U Q	1.0	0.34	ug/L			04/07/25 22:16	1
Vinyl chloride	0.40	U Q	1.0	0.40	ug/L			04/07/25 22:16	1
Xylenes, Total	0.50	U Q	1.0	0.50	ug/L			04/07/25 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/07/25 22:16*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*04/07/25 22:16*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/07/25 22:16*	*1*

Client Sample Results

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID: [redacted]

Client Sample ID: 34 = [redacted]
Date Collected: 03/22/25 13:00
Date Received: 04/02/25 08:00

Lab Sample ID: [redacted]-7
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluorooctanesulfonic acid (PFOS)	**3.8**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluoropentanoic acid (PFPeA)	**9.8**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluoropentanesulfonic acid (PFPeS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluorohexanoic acid (PFHxA)	**4.9**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluorooctanoic acid (PFOA)	**2.9**	**Q**	1.6	0.61	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluorohexanesulfonic acid (PFHxS)	**1.2**	**I Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluorobutanoic acid (PFBA)	**4.3**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluorobutanesulfonic acid (PFBS)	**14**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluoroheptanoic acid (PFHpA)	**1.2**	**I Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluoroheptanesulfonic acid (PFHpS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluorononanoic acid (PFNA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
13C8 PFOA	*84*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
13C8 PFOS	*87*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
13C4 PFHpA	*137*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
13C5 PFPeA	*113*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
13C3 HFPO-DA	*111*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
M2-6:2 FTS	*122*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
M2-8:2 FTS	*94*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
13C3 PFBS	*94*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
M2-4:2 FTS	*119*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
13C5 PFHxA	*91*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
13C9 PFNA	*61*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*
13C3 PFHxS	*109*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:43*	*1*

Client Sample ID: 34 = [redacted]

Lab Sample ID: [redacted]-7
Date Collected: 03/22/25 13:00
Matrix: Drinking Water
Date Received: 04/02/25 08:00

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water - REDL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:32	1
Perfluorododecanoic acid (PFDoA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:32	1
Perfluorodecanoic acid (PFDA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFDoA	*94*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:32*	*1*
13C6 PFDA	*85*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:32*	*1*
13C7 PFUnA	*95*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:32*	*1*

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0031	U	0.036	0.0031	mg/L		04/25/25 10:27	04/25/25 12:04	1
Antimony	0.00037	U	0.0018	0.00037	mg/L		04/25/25 10:27	04/25/25 12:04	1
Arsenic	**0.00037**	**I**	0.0036	0.00035	mg/L		04/25/25 10:27	04/25/25 12:04	1
Barium	**0.012**		0.0036	0.00033	mg/L		04/25/25 10:27	04/25/25 12:04	1
Beryllium	0.00029	U	0.00090	0.00029	mg/L		04/25/25 10:27	04/25/25 12:04	1
Cadmium	0.00022	U	0.00090	0.00022	mg/L		04/25/25 10:27	04/25/25 12:04	1
Chromium	**0.0014**	**I**	0.0018	0.00035	mg/L		04/25/25 10:27	04/25/25 12:04	1
Copper	**0.0091**		0.0018	0.00058	mg/L		04/25/25 10:27	04/25/25 12:04	1
Lead	**0.00098**	**I**	0.0018	0.00022	mg/L		04/25/25 10:27	04/25/25 12:04	1
Manganese	0.00090	U	0.0023	0.00090	mg/L		04/25/25 10:27	04/25/25 12:04	1
Nickel	**0.0022**	**I**	0.0036	0.00082	mg/L		04/25/25 10:27	04/25/25 12:04	1
Selenium	**0.0023**	**I**	0.0036	0.00090	mg/L		04/25/25 10:27	04/25/25 12:04	1
Silver	0.000033	U	0.00090	0.000033	mg/L		04/25/25 10:27	04/25/25 12:04	1
Thallium	0.00031	U	0.00090	0.00031	mg/L		04/25/25 10:27	04/25/25 12:04	1
Zinc	**0.012**		0.0036	0.0012	mg/L		04/25/25 10:27	04/25/25 12:04	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U Q	0.00040	0.00020	mg/L		04/24/25 16:48	04/24/25 17:34	1

Client Sample ID: 35 = [redacted]

Lab Sample ID: [redacted]-8
Date Collected: 03/29/25 15:15
Matrix: Drinking Water
Date Received: 04/02/25 08:00

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17	U	1.0	0.17	ug/L			04/07/25 22:39	1
Carbon tetrachloride	0.28	U	1.0	0.28	ug/L			04/07/25 22:39	1
Chlorobenzene	0.30	U	1.0	0.30	ug/L			04/07/25 22:39	1
cis-1,2-Dichloroethene	0.19	U	1.0	0.19	ug/L			04/07/25 22:39	1
1,2-Dichlorobenzene	0.32	U	1.0	0.32	ug/L			04/07/25 22:39	1
1,4-Dichlorobenzene	0.27	U	1.0	0.27	ug/L			04/07/25 22:39	1
1,2-Dichloroethane	0.23	U	1.0	0.23	ug/L			04/07/25 22:39	1
1,1-Dichloroethene	0.39	U	1.0	0.39	ug/L			04/07/25 22:39	1
1,2-Dichloropropane	0.43	U	1.0	0.43	ug/L			04/07/25 22:39	1
Ethylbenzene	0.24	U	1.0	0.24	ug/L			04/07/25 22:39	1
Methylene Chloride	0.50	U	2.0	0.50	ug/L			04/07/25 22:39	1
m-Xylene & p-Xylene	0.25	U	2.0	0.25	ug/L			04/07/25 22:39	1
o-Xylene	0.23	U	1.0	0.23	ug/L			04/07/25 22:39	1
Styrene	0.24	U	1.0	0.24	ug/L			04/07/25 22:39	1

Client Sample Results

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID: [redacted]

Client Sample ID: 35 = [redacted]
Date Collected: 03/29/25 15:15
Date Received: 04/02/25 08:00

Lab Sample ID: [redacted]-8
Matrix: Drinking Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.37	U	1.0	0.37	ug/L			04/07/25 22:39	1
Toluene	0.23	U	1.0	0.23	ug/L			04/07/25 22:39	1
trans-1,2-Dichloroethene	0.33	U	1.0	0.33	ug/L			04/07/25 22:39	1
1,2,4-Trichlorobenzene	0.29	U	1.0	0.29	ug/L			04/07/25 22:39	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			04/07/25 22:39	1
1,1,2-Trichloroethane	0.39	U	1.0	0.39	ug/L			04/07/25 22:39	1
Trichloroethene	0.34	U	1.0	0.34	ug/L			04/07/25 22:39	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			04/07/25 22:39	1
Xylenes, Total	0.50	U	1.0	0.50	ug/L			04/07/25 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/07/25 22:39*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*04/07/25 22:39*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/07/25 22:39*	*1*

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluoropentanoic acid (PFPeA)	**3.7**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluoropentanesulfonic acid (PFPeS)	**1.1**	**I Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluorohexanoic acid (PFHxA)	**3.4**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluorooctanoic acid (PFOA)	**9.2**	**Q**	1.6	0.61	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluorohexanesulfonic acid (PFHxS)	**4.8**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluorobutanoic acid (PFBA)	**3.2**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluorobutanesulfonic acid (PFBS)	**6.2**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluoroheptanoic acid (PFHpA)	**2.6**	**Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluoroheptanesulfonic acid (PFHpS)	**0.64**	**I Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluorononanoic acid (PFNA)	**0.63**	**I Q**	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.41	U Q	1.6	0.41	ng/L		04/28/25 12:18	04/29/25 16:53	1

Client Sample Results

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID [redacted]

Client Sample ID: 35 = [redacted]
Date Collected: 03/29/25 15:15
Date Received: 04/02/25 08:00

Lab Sample ID: [redacted]-8
Matrix: Drinking Water

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
13C8 PFOA	*79*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
13C4 PFHpA	*138*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
13C5 PFPeA	*116*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
13C3 HFPO-DA	*103*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
M2-6:2 FTS	*107*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
M2-8:2 FTS	*89*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
13C3 PFBS	*90*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
M2-4:2 FTS	*123*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
13C5 PFHxA	*89*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
13C9 PFNA	*62*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*
13C3 PFHxS	*109*		*50 - 200*	*04/28/25 12:18*	*04/29/25 16:53*	*1*

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water - REDL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**22**	**Q**	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:43	1
Perfluoroundecanoic acid (PFUnA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:43	1
Perfluorododecanoic acid (PFDoA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:43	1
Perfluorodecanoic acid (PFDA)	2.5	U Q	10	2.5	ng/L		05/01/25 14:15	05/02/25 18:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFDoA	*83*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:43*	*1*
13C8 PFOS	*93*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:43*	*1*
13C6 PFDA	*75*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:43*	*1*
13C7 PFUnA	*87*		*50 - 200*	*05/01/25 14:15*	*05/02/25 18:43*	*1*

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0031	U	0.036	0.0031	mg/L		04/25/25 10:27	04/25/25 12:06	1
Antimony	0.00037	U	0.0018	0.00037	mg/L		04/25/25 10:27	04/25/25 12:06	1
Arsenic	**0.0011**	**I**	0.0036	0.00035	mg/L		04/25/25 10:27	04/25/25 12:06	1
Barium	**0.026**		0.0036	0.00033	mg/L		04/25/25 10:27	04/25/25 12:06	1
Beryllium	0.00029	U	0.00090	0.00029	mg/L		04/25/25 10:27	04/25/25 12:06	1
Cadmium	0.00022	U	0.00090	0.00022	mg/L		04/25/25 10:27	04/25/25 12:06	1
Chromium	**0.0028**		0.0018	0.00035	mg/L		04/25/25 10:27	04/25/25 12:06	1
Copper	**0.011**		0.0018	0.00058	mg/L		04/25/25 10:27	04/25/25 12:06	1
Lead	**0.00049**	**I**	0.0018	0.00022	mg/L		04/25/25 10:27	04/25/25 12:06	1
Manganese	0.00090	U	0.0023	0.00090	mg/L		04/25/25 10:27	04/25/25 12:06	1
Nickel	0.00082	U	0.0036	0.00082	mg/L		04/25/25 10:27	04/25/25 12:06	1
Selenium	**0.0028**	**I**	0.0036	0.00090	mg/L		04/25/25 10:27	04/25/25 12:06	1
Silver	**0.000033**	**I**	0.00090	0.000033	mg/L		04/25/25 10:27	04/25/25 12:06	1
Thallium	0.00031	U	0.00090	0.00031	mg/L		04/25/25 10:27	04/25/25 12:06	1
Zinc	**0.0089**		0.0036	0.0012	mg/L		04/25/25 10:27	04/25/25 12:06	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		04/24/25 16:48	04/24/25 17:35	1

Surrogate Summary

Client: Terra AyAy Environmental Action Group Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Drinking Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
[redacted]-1	6 = [redacted]	99	102	97
[redacted]-1 MS	6 = [redacted]	100	100	100
[redacted]-1 MSD	6 = [redacted]	100	100	100
[redacted]-2	23 = [redacted]	102	99	98
[redacted]-3	25 = [redacted]	103	101	99
[redacted]-4	31 = [redacted]	105	100	98
[redacted]-5	32 = [redacted]	100	102	97
[redacted]-6	33 = [redacted]	101	100	99
[redacted]-7	34 = [redacted]	100	104	99
[redacted]-8	35 = [redacted]	101	100	98
LCS 670-146256/4	Lab Control Sample	104	99	97
MB 670-146256/7	Method Blank	103	102	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Isotope Dilution Summary

Client: Terra AyAy Environmental Action Group Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Drinking Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFDoA	C8PFOA	C8PFOS	C4PFHA	PFPeA	HFPODA	M262FTS
Lab Sample ID	**Client Sample ID**	(50-200)	(50-200)	(50-200)	(50-200)	(50-200)	(50-200)	(50-200)	(50-200)
[redacted]-4	31 [redacted]		93	98	103			59	140
[redacted]-4 - REDL	31 [redacted]	102				134	134		
[redacted]-5	32 [redacted]		91	88	94			73	143
[redacted]-5 - REDL	32 [redacted]	103				126	107		
[redacted]-6	33 [redacted]		73	87	102			110	112
[redacted]-6 - REDL	33 [redacted]	88				103	100		
[redacted]-7	34 [redacted]	97		84	87	137	113	111	122
[redacted]-7 - REDL	34 [redacted]		94						
[redacted]-8	35 [redacted]	104		79		138	116	103	107
[redacted]-8 - REDL	35 [redacted]		83		93				
LCS 680-881434/2-A	Lab Control Sample	105	82	96	99	101	99	102	114
LCS 680-881522/2-A	Lab Control Sample	80	64	79	88	90	86	62	114
LCS 680-881742/2-A	Lab Control Sample	100	95	103	102	129	123	79	104
LCSD 680-881434/3-A	Lab Control Sample Dup	91	73	80	96	90	82	95	104
LCSD 680-881522/3-A	Lab Control Sample Dup	86	59	81	89	95	99	58	118
LCSD 680-881742/3-A	Lab Control Sample Dup	95	88	98	100	120	115	71	106
LLCS 680-881434/4-A	Lab Control Sample	106	88	104	93	102	98	106	108
LLCS 680-881522/4-A	Lab Control Sample	84	67	80	83	94	95	64	104
LLCS 680-881742/4-A	Lab Control Sample	101	98	104	98	130	122	75	104
MB 680-881434/1-A	Method Blank	116	88	108	106	108	102	128	118
MB 680-881522/1-A	Method Blank	88	64	82	100	98	102	60	124
MB 680-881742/1-A	Method Blank	102	105	119	116	134	131	77	114

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M282FTS	C3PFBS	M242FTS	13C5PHA	C9PFNA	C6PFDA	13C7PUA	C3PFHS
[redacted]e ID	**Client Sample ID**	(50-200)	(50-200)	(50-200)	(50-200)	(50-200)	(50-200)	(50-200)	(50-200)
[redacted]-4	31 = [redacted]	164	75	123	114	100	95	116	116
[redacted]-4 - REDL	31 = [redacted]								
[redacted]-5	32 = [redacted]	142	76	104	101	97	90	113	133
[redacted]-5 - REDL	32 = [redacted]								
[redacted]-6	33 = [redacted]	118	91	70		85	78	88	116
[redacted]-6 - REDL	33 = [redacted]				75				
[redacted]-7	34 = [redacted]	94	94	119	91	61			109
[redacted]-7 - REDL	34 = [redacted]						85	95	
[redacted]-8	35 = [redacted]	89	90	123	89	62			109
[redacted]-8 - REDL	35 = [redacted]						75	87	
LCS 680-881434/2-A	Lab Control Sample	111	100	171	103	80	75	97	106
LCS 680-881522/2-A	Lab Control Sample	108	99	131	71	66	59	62	101
LCS 680-881742/2-A	Lab Control Sample	115	108	124	90	104	103	105	111
LCSD 680-881434/3-A	Lab Control Sample Dup	97	94	146	86	63	57	79	96
LCSD 680-881522/3-A	Lab Control Sample Dup	110	102	131	75	66	52	58	106
LCSD 680-881742/3-A	Lab Control Sample Dup	109	107	110	85	99	96	97	113
LLCS 680-881434/4-A	Lab Control Sample	102	95	140	102	84	75	99	96
LLCS 680-881522/4-A	Lab Control Sample	98	97	124	72	65	55	64	100
LLCS 680-881742/4-A	Lab Control Sample	105	103	105	88	103	106	110	107
MB 680-881434/1-A	Method Blank	104	102	142	112	88	79	95	105
MB 680-881522/1-A	Method Blank	121	103	133	71	66	59	62	109
MB 680-881742/1-A	Method Blank	129	119	123	93	113	118	120	121

Surrogate Legend

PFBA = 13C4 PFBA

Isotope Dilution Summary

Client: Terra AyAy Environmental Action Group | Job ID: [redacted]

Project/Site: Terra Ay Ay - St. Croix, VI

PFDoA = 13C2 PFDoA
C8PFOA = 13C8 PFOA
C8PFOS = 13C8 PFOS
C4PFHA = 13C4 PFHpA
PFPeA = 13C5 PFPeA
HFPODA = 13C3 HFPO-DA
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
C3PFBS = 13C3 PFBS
M242FTS = M2-4:2 FTS
13C5PHA = 13C5 PFHxA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
C3PFHS = 13C3 PFHxS

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 670-146256/7 | **Client Sample ID: Method Blank**
Matrix: Drinking Water | **Prep Type: Total/NA**
Analysis Batch: 146256

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17	U	1.0	0.17	ug/L			04/07/25 18:28	1
Carbon tetrachloride	0.28	U	1.0	0.28	ug/L			04/07/25 18:28	1
Chlorobenzene	0.30	U	1.0	0.30	ug/L			04/07/25 18:28	1
cis-1,2-Dichloroethene	0.19	U	1.0	0.19	ug/L			04/07/25 18:28	1
1,2-Dichlorobenzene	0.32	U	1.0	0.32	ug/L			04/07/25 18:28	1
1,4-Dichlorobenzene	0.27	U	1.0	0.27	ug/L			04/07/25 18:28	1
1,2-Dichloroethane	0.23	U	1.0	0.23	ug/L			04/07/25 18:28	1
1,1-Dichloroethene	0.39	U	1.0	0.39	ug/L			04/07/25 18:28	1
1,2-Dichloropropane	0.43	U	1.0	0.43	ug/L			04/07/25 18:28	1
Ethylbenzene	0.24	U	1.0	0.24	ug/L			04/07/25 18:28	1
Methylene Chloride	0.50	U	2.0	0.50	ug/L			04/07/25 18:28	1
m-Xylene & p-Xylene	0.25	U	2.0	0.25	ug/L			04/07/25 18:28	1
o-Xylene	0.23	U	1.0	0.23	ug/L			04/07/25 18:28	1
Styrene	0.24	U	1.0	0.24	ug/L			04/07/25 18:28	1
Tetrachloroethene	0.37	U	1.0	0.37	ug/L			04/07/25 18:28	1
Toluene	0.23	U	1.0	0.23	ug/L			04/07/25 18:28	1
trans-1,2-Dichloroethene	0.33	U	1.0	0.33	ug/L			04/07/25 18:28	1
1,2,4-Trichlorobenzene	0.29	U	1.0	0.29	ug/L			04/07/25 18:28	1
1,1,1-Trichloroethane	0.16	U	1.0	0.16	ug/L			04/07/25 18:28	1
1,1,2-Trichloroethane	0.39	U	1.0	0.39	ug/L			04/07/25 18:28	1
Trichloroethene	0.34	U	1.0	0.34	ug/L			04/07/25 18:28	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			04/07/25 18:28	1
Xylenes, Total	0.50	U	1.0	0.50	ug/L			04/07/25 18:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*04/07/25 18:28*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*04/07/25 18:28*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/07/25 18:28*	*1*

Lab Sample ID: LCS 670-146256/4 | **Client Sample ID: Lab Control Sample**
Matrix: Drinking Water | **Prep Type: Total/NA**
Analysis Batch: 146256

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	5.00	5.29		ug/L		106	70 - 130
Carbon tetrachloride	5.00	5.17		ug/L		103	70 - 130
Chlorobenzene	5.00	5.48		ug/L		110	70 - 130
cis-1,2-Dichloroethene	5.00	5.54		ug/L		111	70 - 130
1,2-Dichlorobenzene	5.00	5.48		ug/L		110	70 - 130
1,4-Dichlorobenzene	5.00	5.54		ug/L		111	70 - 130
1,2-Dichloroethane	5.00	5.05		ug/L		101	70 - 130
1,1-Dichloroethene	5.00	5.11		ug/L		102	70 - 130
1,2-Dichloropropane	5.00	5.50		ug/L		110	70 - 130
Ethylbenzene	5.00	5.25		ug/L		105	70 - 130
Methylene Chloride	5.00	4.91		ug/L		98	70 - 130
m-Xylene & p-Xylene	5.00	5.51		ug/L		110	70 - 130
o-Xylene	5.00	5.34		ug/L		107	70 - 130
Styrene	5.00	5.24		ug/L		105	70 - 130

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID: [redacted]

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 670-146256/4
Matrix: Drinking Water
Analysis Batch: 146256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	5.00	5.25		ug/L		105	70 - 130
Toluene	5.00	5.10		ug/L		102	70 - 130
trans-1,2-Dichloroethene	5.00	5.22		ug/L		104	70 - 130
1,2,4-Trichlorobenzene	5.00	6.03		ug/L		121	70 - 130
1,1,1-Trichloroethane	5.00	5.28		ug/L		106	70 - 130
1,1,2-Trichloroethane	5.00	5.30		ug/L		106	70 - 130
Trichloroethene	5.00	5.17		ug/L		103	70 - 130
Vinyl chloride	5.00	5.46		ug/L		109	70 - 130
Xylenes, Total	10.0	10.9		ug/L		109	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: [redacted]-1 MS
Matrix: Drinking Water
Analysis Batch: 146256

Client Sample ID: 6 [redacted]
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.17	U	20.0	21.3		ug/L		107	70 - 130
Carbon tetrachloride	0.28	U	20.0	21.4		ug/L		107	70 - 130
Chlorobenzene	0.30	U	20.0	21.5		ug/L		108	70 - 130
cis-1,2-Dichloroethene	0.19	U	20.0	21.3		ug/L		107	70 - 130
1,2-Dichlorobenzene	0.32	U	20.0	19.9		ug/L		100	70 - 130
1,4-Dichlorobenzene	0.27	U	20.0	20.2		ug/L		101	70 - 130
1,2-Dichloroethane	0.23	U	20.0	19.8		ug/L		99	70 - 130
1,1-Dichloroethene	0.39	U	20.0	22.0		ug/L		110	70 - 130
1,2-Dichloropropane	0.43	U	20.0	20.3		ug/L		102	70 - 130
Ethylbenzene	0.24	U	20.0	21.4		ug/L		107	70 - 130
Methylene Chloride	0.50	U	20.0	20.7		ug/L		103	70 - 130
m-Xylene & p-Xylene	0.25	U	20.0	21.8		ug/L		109	70 - 130
o-Xylene	0.23	U	20.0	21.4		ug/L		107	70 - 130
Styrene	0.24	U	20.0	20.5		ug/L		103	70 - 130
Tetrachloroethene	0.37	U	20.0	22.0		ug/L		110	70 - 130
Toluene	0.23	U	20.0	20.3		ug/L		102	70 - 130
trans-1,2-Dichloroethene	0.33	U	20.0	21.4		ug/L		107	70 - 130
1,2,4-Trichlorobenzene	0.29	U	20.0	21.5		ug/L		108	70 - 130
1,1,1-Trichloroethane	0.16	U	20.0	21.5		ug/L		107	70 - 130
1,1,2-Trichloroethane	0.39	U	20.0	19.6		ug/L		98	70 - 130
Trichloroethene	0.34	U	20.0	21.0		ug/L		105	70 - 130
Vinyl chloride	0.40	U	20.0	25.6		ug/L		128	70 - 130
Xylenes, Total	0.50	U	40.0	43.2		ug/L		108	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: [redacted]-1 MSD
Client Sample ID: 6 = [redacted]
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 146256

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.17	U	20.0	21.4		ug/L		107	70 - 130	0	30
Carbon tetrachloride	0.28	U	20.0	21.6		ug/L		108	70 - 130	1	30
Chlorobenzene	0.30	U	20.0	21.1		ug/L		105	70 - 130	2	30
cis-1,2-Dichloroethene	0.19	U	20.0	20.6		ug/L		103	70 - 130	3	30
1,2-Dichlorobenzene	0.32	U	20.0	19.8		ug/L		99	70 - 130	1	30
1,4-Dichlorobenzene	0.27	U	20.0	19.9		ug/L		100	70 - 130	1	30
1,2-Dichloroethane	0.23	U	20.0	19.8		ug/L		99	70 - 130	0	30
1,1-Dichloroethene	0.39	U	20.0	22.0		ug/L		110	70 - 130	0	30
1,2-Dichloropropane	0.43	U	20.0	20.6		ug/L		103	70 - 130	2	30
Ethylbenzene	0.24	U	20.0	21.2		ug/L		106	70 - 130	1	30
Methylene Chloride	0.50	U	20.0	20.9		ug/L		104	70 - 130	1	30
m-Xylene & p-Xylene	0.25	U	20.0	21.3		ug/L		107	70 - 130	2	30
o-Xylene	0.23	U	20.0	21.2		ug/L		106	70 - 130	1	30
Styrene	0.24	U	20.0	20.4		ug/L		102	70 - 130	1	30
Tetrachloroethene	0.37	U	20.0	21.9		ug/L		109	70 - 130	0	30
Toluene	0.23	U	20.0	20.4		ug/L		102	70 - 130	0	30
trans-1,2-Dichloroethene	0.33	U	20.0	22.0		ug/L		110	70 - 130	3	30
1,2,4-Trichlorobenzene	0.29	U	20.0	21.6		ug/L		108	70 - 130	0	30
1,1,1-Trichloroethane	0.16	U	20.0	22.0		ug/L		110	70 - 130	3	30
1,1,2-Trichloroethane	0.39	U	20.0	20.3		ug/L		101	70 - 130	3	30
Trichloroethene	0.34	U	20.0	21.4		ug/L		107	70 - 130	2	30
Vinyl chloride	0.40	U	20.0	24.9		ug/L		125	70 - 130	3	30
Xylenes, Total	0.50	U	40.0	42.5		ug/L		106	70 - 130	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Lab Sample ID: MB 680-881434/1-A
Client Sample ID: Method Blank
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881477
Prep Batch: 881434

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluorooctanesulfonic acid (PFOS)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluoroundecanoic acid (PFUnA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluoropentanoic acid (PFPeA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluoropentanesulfonic acid (PFPeS)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluorohexanoic acid (PFHxA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MB 680-881434/1-A
Client Sample ID: Method Blank
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881477
Prep Batch: 881434

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluorooctanoic acid (PFOA)	0.75	U	2.0	0.75	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluorodecanoic acid (PFDA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluorohexanesulfonic acid (PFHxS)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluorobutanoic acid (PFBA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluorobutanesulfonic acid (PFBS)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluoroheptanoic acid (PFHpA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluoroheptanesulfonic acid (PFHpS)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluorononanoic acid (PFNA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.50	U	2.0	0.50	ng/L		04/25/25 12:21	04/27/25 16:14	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*116*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C2 PFDoA	*88*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C8 PFOA	*108*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C8 PFOS	*106*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C4 PFHpA	*108*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C5 PFPeA	*102*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C3 HFPO-DA	*128*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
M2-6:2 FTS	*118*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
M2-8:2 FTS	*104*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C3 PFBS	*102*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
M2-4:2 FTS	*142*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C5 PFHxA	*112*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C9 PFNA	*88*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C6 PFDA	*79*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C7 PFUnA	*95*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*
13C3 PFHxS	*105*		*50 - 200*	*04/25/25 12:21*	*04/27/25 16:14*	*1*

Lab Sample ID: LCS 680-881434/2-A
Client Sample ID: Lab Control Sample
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881477
Prep Batch: 881434

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	6.24	6.69		ng/L		107	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 680-881434/2-A
Client Sample ID: Lab Control Sample
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881477
Prep Batch: 881434

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexafluoropropylene oxide dimer acid (HFPO DA)	7.00	7.92		ng/L		113	70 - 130
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.00	6.62		ng/L		95	70 - 130
Perfluorooctanesulfonic acid (PFOS)	6.51	5.69		ng/L		87	70 - 130
Perfluoroundecanoic acid (PFUnA)	7.00	6.29		ng/L		90	70 - 130
Perfluoropentanoic acid (PFPeA)	7.00	6.16		ng/L		88	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	6.58	5.75		ng/L		87	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.66	6.96		ng/L		104	70 - 130
Perfluorohexanoic acid (PFHxA)	7.00	6.22		ng/L		89	70 - 130
Perfluorododecanoic acid (PFDoA)	7.00	7.17		ng/L		102	70 - 130
Perfluorooctanoic acid (PFOA)	7.00	6.55		ng/L		94	70 - 130
Perfluorodecanoic acid (PFDA)	7.00	7.83		ng/L		112	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	6.38	6.32		ng/L		99	70 - 130
Perfluorobutanoic acid (PFBA)	7.00	6.39		ng/L		91	70 - 130
Perfluorobutanesulfonic acid (PFBS)	6.22	7.35		ng/L		118	70 - 130
Perfluoroheptanoic acid (PFHpA)	7.00	6.19		ng/L		88	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	6.68	5.06		ng/L		76	70 - 130
Perfluorononanoic acid (PFNA)	7.00	7.28		ng/L		104	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	7.00	6.11		ng/L		87	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.72	5.88		ng/L		88	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	6.54	5.84		ng/L		89	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.57	5.29		ng/L		81	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	6.61	5.92		ng/L		90	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMBA)	7.00	5.92		ng/L		85	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.62	6.07		ng/L		92	70 - 130

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*105*		*50 - 200*
13C2 PFDoA	*82*		*50 - 200*
13C8 PFOA	*96*		*50 - 200*
13C8 PFOS	*99*		*50 - 200*
13C4 PFHpA	*101*		*50 - 200*
13C5 PFPeA	*99*		*50 - 200*
13C3 HFPO-DA	*102*		*50 - 200*
M2-6:2 FTS	*114*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 680-881434/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Drinking Water — **Prep Type: Total/NA**
Analysis Batch: 881477 — **Prep Batch: 881434**

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-8:2 FTS	*111*		*50 - 200*
13C3 PFBS	*100*		*50 - 200*
M2-4:2 FTS	*171*		*50 - 200*
13C5 PFHxA	*103*		*50 - 200*
13C9 PFNA	*80*		*50 - 200*
13C6 PFDA	*75*		*50 - 200*
13C7 PFUnA	*97*		*50 - 200*
13C3 PFHxS	*106*		*50 - 200*

Lab Sample ID: LCSD 680-881434/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Drinking Water — **Prep Type: Total/NA**
Analysis Batch: 881477 — **Prep Batch: 881434**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	6.24	7.17		ng/L		115	70 - 130	7	30
Hexafluoropropylene oxide dimer acid (HFPO DA)	7.00	7.90		ng/L		113	70 - 130	0	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.00	7.08		ng/L		101	70 - 130	7	30
Perfluorooctanesulfonic acid (PFOS)	6.51	6.04		ng/L		93	70 - 130	6	30
Perfluoroundecanoic acid (PFUnA)	7.00	6.79		ng/L		97	70 - 130	8	30
Perfluoropentanoic acid (PFPeA)	7.00	6.53		ng/L		93	70 - 130	6	30
Perfluoropentanesulfonic acid (PFPeS)	6.58	6.31		ng/L		96	70 - 130	9	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.66	7.52		ng/L		113	70 - 130	8	30
Perfluorohexanoic acid (PFHxA)	7.00	6.74		ng/L		96	70 - 130	8	30
Perfluorododecanoic acid (PFDoA)	7.00	7.82		ng/L		112	70 - 130	9	30
Perfluorooctanoic acid (PFOA)	7.00	6.99		ng/L		100	70 - 130	7	30
Perfluorodecanoic acid (PFDA)	7.00	8.54		ng/L		122	70 - 130	9	30
Perfluorohexanesulfonic acid (PFHxS)	6.38	6.99		ng/L		109	70 - 130	10	30
Perfluorobutanoic acid (PFBA)	7.00	6.93		ng/L		99	70 - 130	8	30
Perfluorobutanesulfonic acid (PFBS)	6.22	7.88		ng/L		127	70 - 130	7	30
Perfluoroheptanoic acid (PFHpA)	7.00	6.65		ng/L		95	70 - 130	7	30
Perfluoroheptanesulfonic acid (PFHpS)	6.68	5.67		ng/L		85	70 - 130	11	30
Perfluorononanoic acid (PFNA)	7.00	7.43		ng/L		106	70 - 130	2	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	7.00	6.39		ng/L		91	70 - 130	5	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.72	6.59		ng/L		98	70 - 130	11	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	6.54	6.09		ng/L		93	70 - 130	4	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.57	5.59		ng/L		85	70 - 130	6	30

Client: Terra AyAy Environmental Action Group
Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCSD 680-881434/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Drinking Water — **Prep Type: Total/NA**
Analysis Batch: 881477 — **Prep Batch: 881434**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	6.61	6.11		ng/L		92	70 - 130	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	7.00	6.69		ng/L		96	70 - 130	12	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.62	6.19		ng/L		94	70 - 130	2	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*91*		*50 - 200*
13C2 PFDoA	*73*		*50 - 200*
13C8 PFOA	*80*		*50 - 200*
13C8 PFOS	*96*		*50 - 200*
13C4 PFHpA	*90*		*50 - 200*
13C5 PFPeA	*82*		*50 - 200*
13C3 HFPO-DA	*95*		*50 - 200*
M2-6:2 FTS	*104*		*50 - 200*
M2-8:2 FTS	*97*		*50 - 200*
13C3 PFBS	*94*		*50 - 200*
M2-4:2 FTS	*146*		*50 - 200*
13C5 PFHxA	*86*		*50 - 200*
13C9 PFNA	*63*		*50 - 200*
13C6 PFDA	*57*		*50 - 200*
13C7 PFUnA	*79*		*50 - 200*
13C3 PFHxS	*96*		*50 - 200*

Lab Sample ID: LLCS 680-881434/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Drinking Water — **Prep Type: Total/NA**
Analysis Batch: 881477 — **Prep Batch: 881434**

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.43	1.67	I	ng/L		117	50 - 150
Hexafluoropropylene oxide dimer acid (HFPO DA)	1.60	1.97	I	ng/L		123	50 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.60	1.71	I	ng/L		107	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.49	1.51	I	ng/L		101	50 - 150
Perfluoroundecanoic acid (PFUnA)	1.60	1.56	I	ng/L		97	50 - 150
Perfluoropentanoic acid (PFPeA)	1.60	1.52	I	ng/L		95	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.50	1.57	I	ng/L		105	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.52	1.83	I	ng/L		120	50 - 150
Perfluorohexanoic acid (PFHxA)	1.60	1.56	I	ng/L		97	50 - 150
Perfluorododecanoic acid (PFDoA)	1.60	1.73	I	ng/L		108	50 - 150
Perfluorooctanoic acid (PFOA)	1.60	1.94	I	ng/L		121	50 - 150
Perfluorodecanoic acid (PFDA)	1.60	2.09		ng/L		130	50 - 150

QC Sample Results

Client: Terra AyAy Environmental Action Group
Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 680-881434/4-A
Client Sample ID: Lab Control Sample
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881477
Prep Batch: 881434

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanesulfonic acid (PFHxS)	1.46	1.60	I	ng/L		110	50 - 150
Perfluorobutanoic acid (PFBA)	1.60	1.74	I	ng/L		108	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.42	1.83	I	ng/L		129	50 - 150
Perfluoroheptanoic acid (PFHpA)	1.60	1.59	I	ng/L		99	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.53	1.34	I	ng/L		88	50 - 150
Perfluorononanoic acid (PFNA)	1.60	1.86	I	ng/L		116	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.60	1.59	I	ng/L		99	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.54	1.57	I	ng/L		102	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.49	1.59	I	ng/L		106	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.50	1.36	I	ng/L		91	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.51	1.58	I	ng/L		105	50 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.60	1.59	I	ng/L		99	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.51	1.53	I	ng/L		102	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*106*		*50 - 200*
13C2 PFDoA	*88*		*50 - 200*
13C8 PFOA	*104*		*50 - 200*
13C8 PFOS	*93*		*50 - 200*
13C4 PFHpA	*102*		*50 - 200*
13C5 PFPeA	*98*		*50 - 200*
13C3 HFPO-DA	*106*		*50 - 200*
M2-6:2 FTS	*108*		*50 - 200*
M2-8:2 FTS	*102*		*50 - 200*
13C3 PFBS	*95*		*50 - 200*
M2-4:2 FTS	*140*		*50 - 200*
13C5 PFHxA	*102*		*50 - 200*
13C9 PFNA	*84*		*50 - 200*
13C6 PFDA	*75*		*50 - 200*
13C7 PFUnA	*99*		*50 - 200*
13C3 PFHxS	*96*		*50 - 200*

Lab Sample ID: MB 680-881522/1-A
Client Sample ID: Method Blank
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881570
Prep Batch: 881522

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MB 680-881522/1-A | **Client Sample ID: Method Blank**
Matrix: Drinking Water | **Prep Type: Total/NA**
Analysis Batch: 881570 | **Prep Batch: 881522**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluorooctanesulfonic acid (PFOS)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluoroundecanoic acid (PFUnA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluoropentanoic acid (PFPeA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluoropentanesulfonic acid (PFPeS)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluorohexanoic acid (PFHxA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluorododecanoic acid (PFDoA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluorooctanoic acid (PFOA)	0.75	U	2.0	0.75	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluorodecanoic acid (PFDA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluorohexanesulfonic acid (PFHxS)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluorobutanoic acid (PFBA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluorobutanesulfonic acid (PFBS)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluoroheptanoic acid (PFHpA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluoroheptanesulfonic acid (PFHpS)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluorononanoic acid (PFNA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.50	U	2.0	0.50	ng/L		04/28/25 12:18	04/29/25 12:18	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C2 PFDoA	*64*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C8 PFOA	*82*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C8 PFOS	*100*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C4 PFHpA	*98*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C5 PFPeA	*102*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C3 HFPO-DA	*60*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
M2-6:2 FTS	*124*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
M2-8:2 FTS	*121*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C3 PFBS	*103*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
M2-4:2 FTS	*133*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C5 PFHxA	*71*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C9 PFNA	*66*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C6 PFDA	*59*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MB 680-881522/1-A
Client Sample ID: Method Blank
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881570
Prep Batch: 881522

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C7 PFUnA	*62*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*
13C3 PFHxS	*109*		*50 - 200*	*04/28/25 12:18*	*04/29/25 12:18*	*1*

Lab Sample ID: LCS 680-881522/2-A
Client Sample ID: Lab Control Sample
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881570
Prep Batch: 881522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	6.24	5.61		ng/L		90	70 - 130
Hexafluoropropylene oxide dimer acid (HFPO DA)	7.00	5.41		ng/L		77	70 - 130
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.00	7.57		ng/L		108	70 - 130
Perfluorooctanesulfonic acid (PFOS)	6.51	6.23		ng/L		96	70 - 130
Perfluoroundecanoic acid (PFUnA)	7.00	6.95		ng/L		99	70 - 130
Perfluoropentanoic acid (PFPeA)	7.00	6.44		ng/L		92	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	6.58	5.92		ng/L		90	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.66	5.98		ng/L		90	70 - 130
Perfluorohexanoic acid (PFHxA)	7.00	6.65		ng/L		95	70 - 130
Perfluorododecanoic acid (PFDoA)	7.00	6.77		ng/L		97	70 - 130
Perfluorooctanoic acid (PFOA)	7.00	6.62		ng/L		95	70 - 130
Perfluorodecanoic acid (PFDA)	7.00	6.72		ng/L		96	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	6.38	5.57		ng/L		87	70 - 130
Perfluorobutanoic acid (PFBA)	7.00	6.26		ng/L		89	70 - 130
Perfluorobutanesulfonic acid (PFBS)	6.22	5.39		ng/L		87	70 - 130
Perfluoroheptanoic acid (PFHpA)	7.00	6.34		ng/L		91	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	6.68	5.32		ng/L		80	70 - 130
Perfluorononanoic acid (PFNA)	7.00	6.85		ng/L		98	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	7.00	6.43		ng/L		92	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.72	6.00		ng/L		89	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	6.54	5.81		ng/L		89	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.57	5.26		ng/L		80	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	6.61	5.64		ng/L		85	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMBA)	7.00	5.88		ng/L		84	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.62	5.45		ng/L		82	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*80*		*50 - 200*
13C2 PFDoA	*64*		*50 - 200*
13C8 PFOA	*79*		*50 - 200*
13C8 PFOS	*88*		*50 - 200*
13C4 PFHpA	*90*		*50 - 200*
13C5 PFPeA	*86*		*50 - 200*
13C3 HFPO-DA	*62*		*50 - 200*
M2-6:2 FTS	*114*		*50 - 200*
M2-8:2 FTS	*108*		*50 - 200*
13C3 PFBS	*99*		*50 - 200*
M2-4:2 FTS	*131*		*50 - 200*
13C5 PFHxA	*71*		*50 - 200*
13C9 PFNA	*66*		*50 - 200*
13C6 PFDA	*59*		*50 - 200*
13C7 PFUnA	*62*		*50 - 200*
13C3 PFHxS	*101*		*50 - 200*

Lab Sample ID: LCSD 680-881522/3-A | **Client Sample ID: Lab Control Sample Dup**

Matrix: Drinking Water | **Prep Type: Total/NA**

Analysis Batch: 881570 | **Prep Batch: 881522**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	6.24	6.22		ng/L		100	70 - 130	10	30
Hexafluoropropylene oxide dimer acid (HFPO DA)	7.00	7.25		ng/L		104	70 - 130	29	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.00	7.94		ng/L		113	70 - 130	5	30
Perfluorooctanesulfonic acid (PFOS)	6.51	6.80		ng/L		104	70 - 130	9	30
Perfluoroundecanoic acid (PFUnA)	7.00	6.93		ng/L		99	70 - 130	0	30
Perfluoropentanoic acid (PFPeA)	7.00	6.77		ng/L		97	70 - 130	5	30
Perfluoropentanesulfonic acid (PFPeS)	6.58	6.34		ng/L		96	70 - 130	7	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.66	6.38		ng/L		96	70 - 130	7	30
Perfluorohexanoic acid (PFHxA)	7.00	7.36		ng/L		105	70 - 130	10	30
Perfluorododecanoic acid (PFDoA)	7.00	7.67		ng/L		110	70 - 130	13	30
Perfluorooctanoic acid (PFOA)	7.00	6.99		ng/L		100	70 - 130	5	30
Perfluorodecanoic acid (PFDA)	7.00	8.12		ng/L		116	70 - 130	19	30
Perfluorohexanesulfonic acid (PFHxS)	6.38	6.06		ng/L		95	70 - 130	8	30
Perfluorobutanoic acid (PFBA)	7.00	6.83		ng/L		98	70 - 130	9	30
Perfluorobutanesulfonic acid (PFBS)	6.22	6.00		ng/L		97	70 - 130	11	30
Perfluoroheptanoic acid (PFHpA)	7.00	6.65		ng/L		95	70 - 130	5	30
Perfluoroheptanesulfonic acid (PFHpS)	6.68	5.84		ng/L		87	70 - 130	9	30
Perfluorononanoic acid (PFNA)	7.00	7.51		ng/L		107	70 - 130	9	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	7.00	7.09		ng/L		101	70 - 130	10	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.72	6.30		ng/L		94	70 - 130	5	30

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

QC Sample Results

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID: [redacted]

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCSD 680-881522/3-A
Matrix: Drinking Water
Analysis Batch: 881570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 881522

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	6.54	6.39		ng/L		98	70 - 130	10	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.57	5.98		ng/L		91	70 - 130	13	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	6.61	6.21		ng/L		94	70 - 130	10	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	7.00	5.99		ng/L		86	70 - 130	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.62	5.93		ng/L		90	70 - 130	9	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*86*		*50 - 200*
13C2 PFDoA	*59*		*50 - 200*
13C8 PFOA	*81*		*50 - 200*
13C8 PFOS	*89*		*50 - 200*
13C4 PFHpA	*95*		*50 - 200*
13C5 PFPeA	*99*		*50 - 200*
13C3 HFPO-DA	*58*		*50 - 200*
M2-6:2 FTS	*118*		*50 - 200*
M2-8:2 FTS	*110*		*50 - 200*
13C3 PFBS	*102*		*50 - 200*
M2-4:2 FTS	*131*		*50 - 200*
13C5 PFHxA	*75*		*50 - 200*
13C9 PFNA	*66*		*50 - 200*
13C6 PFDA	*52*		*50 - 200*
13C7 PFUnA	*58*		*50 - 200*
13C3 PFHxS	*106*		*50 - 200*

Lab Sample ID: LLCS 680-881522/4-A
Matrix: Drinking Water
Analysis Batch: 881570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 881522

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.43	1.51	I	ng/L		106	50 - 150
Hexafluoropropylene oxide dimer acid (HFPO DA)	1.60	1.50	I	ng/L		94	50 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.60	1.94	I	ng/L		121	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.49	1.68	I	ng/L		113	50 - 150
Perfluoroundecanoic acid (PFUnA)	1.60	1.70	I	ng/L		107	50 - 150
Perfluoropentanoic acid (PFPeA)	1.60	1.64	I	ng/L		103	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.50	1.57	I	ng/L		104	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.52	1.69	I	ng/L		111	50 - 150
Perfluorohexanoic acid (PFHxA)	1.60	1.75	I	ng/L		109	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 680-881522/4-A
Matrix: Drinking Water
Analysis Batch: 881570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 881522

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	1.60	1.82	I	ng/L		114	50 - 150
Perfluorooctanoic acid (PFOA)	1.60	2.08		ng/L		130	50 - 150
Perfluorodecanoic acid (PFDA)	1.60	1.92	I	ng/L		120	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.46	1.48	I	ng/L		102	50 - 150
Perfluorobutanoic acid (PFBA)	1.60	1.74	I	ng/L		109	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.42	1.50	I	ng/L		105	50 - 150
Perfluoroheptanoic acid (PFHpA)	1.60	1.59	I	ng/L		99	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.53	1.37	I	ng/L		90	50 - 150
Perfluorononanoic acid (PFNA)	1.60	1.78	I	ng/L		112	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.60	1.69	I	ng/L		105	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.54	1.59	I	ng/L		104	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.49	1.63	I	ng/L		109	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.50	1.44	I	ng/L		96	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.51	1.61	I	ng/L		107	50 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.60	1.44	I	ng/L		90	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.51	1.40	I	ng/L		93	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*84*		*50 - 200*
13C2 PFDoA	*67*		*50 - 200*
13C8 PFOA	*80*		*50 - 200*
13C8 PFOS	*83*		*50 - 200*
13C4 PFHpA	*94*		*50 - 200*
13C5 PFPeA	*95*		*50 - 200*
13C3 HFPO-DA	*64*		*50 - 200*
M2-6:2 FTS	*104*		*50 - 200*
M2-8:2 FTS	*98*		*50 - 200*
13C3 PFBS	*97*		*50 - 200*
M2-4:2 FTS	*124*		*50 - 200*
13C5 PFHxA	*72*		*50 - 200*
13C9 PFNA	*65*		*50 - 200*
13C6 PFDA	*55*		*50 - 200*
13C7 PFUnA	*64*		*50 - 200*
13C3 PFHxS	*100*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MB 680-881742/1-A
Client Sample ID: Method Blank
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881804
Prep Batch: 881742

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluorooctanesulfonic acid (PFOS)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluoroundecanoic acid (PFUnA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluoropentanoic acid (PFPeA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluoropentanesulfonic acid (PFPeS)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluorohexanoic acid (PFHxA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluorododecanoic acid (PFDoA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluorooctanoic acid (PFOA)	0.75	U	2.0	0.75	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluorodecanoic acid (PFDA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluorohexanesulfonic acid (PFHxS)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluorobutanoic acid (PFBA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluorobutanesulfonic acid (PFBS)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluoroheptanoic acid (PFHpA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluoroheptanesulfonic acid (PFHpS)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluorononanoic acid (PFNA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.50	U	2.0	0.50	ng/L		05/01/25 14:14	05/02/25 17:19	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*102*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C2 PFDoA	*105*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C8 PFOA	*119*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C8 PFOS	*116*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C4 PFHpA	*134*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C5 PFPeA	*131*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C3 HFPO-DA	*77*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
M2-6:2 FTS	*114*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
M2-8:2 FTS	*129*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C3 PFBS	*119*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
M2-4:2 FTS	*123*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C5 PFHxA	*93*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MB 680-881742/1-A
Client Sample ID: Method Blank
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881804
Prep Batch: 881742

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C9 PFNA	*113*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C6 PFDA	*118*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C7 PFUnA	*120*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*
13C3 PFHxS	*121*		*50 - 200*	*05/01/25 14:14*	*05/02/25 17:19*	*1*

Lab Sample ID: LCS 680-881742/2-A
Client Sample ID: Lab Control Sample
Matrix: Drinking Water
Prep Type: Total/NA
Analysis Batch: 881804
Prep Batch: 881742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	6.24	6.24		ng/L		100	70 - 130
Hexafluoropropylene oxide dimer acid (HFPO DA)	7.00	6.72		ng/L		96	70 - 130
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.00	8.96		ng/L		128	70 - 130
Perfluorooctanesulfonic acid (PFOS)	6.51	6.58		ng/L		101	70 - 130
Perfluoroundecanoic acid (PFUnA)	7.00	7.31		ng/L		104	70 - 130
Perfluoropentanoic acid (PFPeA)	7.00	7.20		ng/L		103	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	6.58	6.54		ng/L		99	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.66	7.01		ng/L		105	70 - 130
Perfluorohexanoic acid (PFHxA)	7.00	8.15		ng/L		116	70 - 130
Perfluorododecanoic acid (PFDoA)	7.00	7.87		ng/L		112	70 - 130
Perfluorooctanoic acid (PFOA)	7.00	7.30		ng/L		104	70 - 130
Perfluorodecanoic acid (PFDA)	7.00	7.42		ng/L		106	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	6.38	5.98		ng/L		94	70 - 130
Perfluorobutanoic acid (PFBA)	7.00	7.04		ng/L		101	70 - 130
Perfluorobutanesulfonic acid (PFBS)	6.22	5.86		ng/L		94	70 - 130
Perfluoroheptanoic acid (PFHpA)	7.00	7.05		ng/L		101	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	6.68	5.68		ng/L		85	70 - 130
Perfluorononanoic acid (PFNA)	7.00	7.32		ng/L		105	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	7.00	8.14		ng/L		116	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.72	6.69		ng/L		100	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	6.54	6.53		ng/L		100	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.57	6.10		ng/L		93	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	6.61	6.22		ng/L		94	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMBA)	7.00	6.55		ng/L		94	70 - 130

QC Sample Results

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID: [redacted]

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 680-881742/2-A
Matrix: Drinking Water
Analysis Batch: 881804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 881742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.62	5.96		ng/L		90	70 - 130

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*100*		*50 - 200*
13C2 PFDoA	*95*		*50 - 200*
13C8 PFOA	*103*		*50 - 200*
13C8 PFOS	*102*		*50 - 200*
13C4 PFHpA	*129*		*50 - 200*
13C5 PFPeA	*123*		*50 - 200*
13C3 HFPO-DA	*79*		*50 - 200*
M2-6:2 FTS	*104*		*50 - 200*
M2-8:2 FTS	*115*		*50 - 200*
13C3 PFBS	*108*		*50 - 200*
M2-4:2 FTS	*124*		*50 - 200*
13C5 PFHxA	*90*		*50 - 200*
13C9 PFNA	*104*		*50 - 200*
13C6 PFDA	*103*		*50 - 200*
13C7 PFUnA	*105*		*50 - 200*
13C3 PFHxS	*111*		*50 - 200*

Lab Sample ID: LCSD 680-881742/3-A
Matrix: Drinking Water
Analysis Batch: 881804

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 881742

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	6.24	6.07		ng/L		97	70 - 130	3	30
Hexafluoropropylene oxide dimer acid (HFPO DA)	7.00	7.06		ng/L		101	70 - 130	5	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.00	8.61		ng/L		123	70 - 130	4	30
Perfluorooctanesulfonic acid (PFOS)	6.51	6.41		ng/L		99	70 - 130	3	30
Perfluoroundecanoic acid (PFUnA)	7.00	7.03		ng/L		100	70 - 130	4	30
Perfluoropentanoic acid (PFPeA)	7.00	6.94		ng/L		99	70 - 130	4	30
Perfluoropentanesulfonic acid (PFPeS)	6.58	6.24		ng/L		95	70 - 130	5	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.66	6.68		ng/L		100	70 - 130	5	30
Perfluorohexanoic acid (PFHxA)	7.00	7.86		ng/L		112	70 - 130	4	30
Perfluorododecanoic acid (PFDoA)	7.00	7.57		ng/L		108	70 - 130	4	30
Perfluorooctanoic acid (PFOA)	7.00	7.11		ng/L		102	70 - 130	3	30
Perfluorodecanoic acid (PFDA)	7.00	7.14		ng/L		102	70 - 130	4	30
Perfluorohexanesulfonic acid (PFHxS)	6.38	5.74		ng/L		90	70 - 130	4	30
Perfluorobutanoic acid (PFBA)	7.00	6.81		ng/L		97	70 - 130	3	30
Perfluorobutanesulfonic acid (PFBS)	6.22	5.74		ng/L		92	70 - 130	2	30
Perfluoroheptanoic acid (PFHpA)	7.00	7.00		ng/L		100	70 - 130	1	30

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCSD 680-881742/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Drinking Water **Prep Type: Total/NA**
Analysis Batch: 881804 **Prep Batch: 881742**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoroheptanesulfonic acid (PFHpS)	6.68	5.52		ng/L		83	70 - 130	3	30
Perfluorononanoic acid (PFNA)	7.00	7.41		ng/L		106	70 - 130	1	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	7.00	7.80		ng/L		111	70 - 130	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.72	6.57		ng/L		98	70 - 130	2	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	6.54	6.38		ng/L		98	70 - 130	2	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.57	5.75		ng/L		88	70 - 130	6	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	6.61	6.13		ng/L		93	70 - 130	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	7.00	6.26		ng/L		89	70 - 130	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.62	5.84		ng/L		88	70 - 130	2	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*95*		*50 - 200*
13C2 PFDoA	*88*		*50 - 200*
13C8 PFOA	*98*		*50 - 200*
13C8 PFOS	*100*		*50 - 200*
13C4 PFHpA	*120*		*50 - 200*
13C5 PFPeA	*115*		*50 - 200*
13C3 HFPO-DA	*71*		*50 - 200*
M2-6:2 FTS	*106*		*50 - 200*
M2-8:2 FTS	*109*		*50 - 200*
13C3 PFBS	*107*		*50 - 200*
M2-4:2 FTS	*110*		*50 - 200*
13C5 PFHxA	*85*		*50 - 200*
13C9 PFNA	*99*		*50 - 200*
13C6 PFDA	*96*		*50 - 200*
13C7 PFUnA	*97*		*50 - 200*
13C3 PFHxS	*113*		*50 - 200*

Lab Sample ID: LLCS 680-881742/4-A **Client Sample ID: Lab Control Sample**
Matrix: Drinking Water **Prep Type: Total/NA**
Analysis Batch: 881804 **Prep Batch: 881742**

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.43	1.31	I	ng/L		91	50 - 150
Hexafluoropropylene oxide dimer acid (HFPO DA)	1.60	1.51	I	ng/L		94	50 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.60	1.74	I	ng/L		109	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.49	1.39	I	ng/L		93	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 680-881742/4-A
Matrix: Drinking Water
Analysis Batch: 881804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 881742

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	1.60	1.49	I	ng/L		93	50 - 150
Perfluoropentanoic acid (PFPeA)	1.60	1.48	I	ng/L		93	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.50	1.34	I	ng/L		89	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.52	1.45	I	ng/L		95	50 - 150
Perfluorohexanoic acid (PFHxA)	1.60	1.62	I	ng/L		102	50 - 150
Perfluorododecanoic acid (PFDoA)	1.60	1.58	I	ng/L		99	50 - 150
Perfluorooctanoic acid (PFOA)	1.60	1.90	I	ng/L		119	50 - 150
Perfluorodecanoic acid (PFDA)	1.60	1.43	I	ng/L		89	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.46	1.23	I	ng/L		84	50 - 150
Perfluorobutanoic acid (PFBA)	1.60	1.49	I	ng/L		93	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.42	1.26	I	ng/L		89	50 - 150
Perfluoroheptanoic acid (PFHpA)	1.60	1.43	I	ng/L		89	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.53	1.19	I	ng/L		78	50 - 150
Perfluorononanoic acid (PFNA)	1.60	1.54	I	ng/L		96	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.60	1.67	I	ng/L		104	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.54	1.44	I	ng/L		94	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.49	1.42	I	ng/L		95	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.50	1.27	I	ng/L		84	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.51	1.38	I	ng/L		91	50 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.60	1.35	I	ng/L		84	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.51	1.24	I	ng/L		82	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*101*		*50 - 200*
13C2 PFDoA	*98*		*50 - 200*
13C8 PFOA	*104*		*50 - 200*
13C8 PFOS	*98*		*50 - 200*
13C4 PFHpA	*130*		*50 - 200*
13C5 PFPeA	*122*		*50 - 200*
13C3 HFPO-DA	*75*		*50 - 200*
M2-6:2 FTS	*104*		*50 - 200*
M2-8:2 FTS	*105*		*50 - 200*
13C3 PFBS	*103*		*50 - 200*
M2-4:2 FTS	*105*		*50 - 200*
13C5 PFHxA	*88*		*50 - 200*
13C9 PFNA	*103*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 680-881742/4-A
Matrix: Drinking Water
Analysis Batch: 881804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 881742

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C6 PFDA	*106*		*50 - 200*
13C7 PFUnA	*110*		*50 - 200*
13C3 PFHxS	*107*		*50 - 200*

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 670-149697/3-A
Matrix: Drinking Water
Analysis Batch: 149938

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 149697

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0031	U	0.036	0.0031	mg/L		04/25/25 10:27	04/25/25 11:42	1
Antimony	0.00037	U	0.0018	0.00037	mg/L		04/25/25 10:27	04/25/25 11:42	1
Arsenic	0.00035	U	0.0036	0.00035	mg/L		04/25/25 10:27	04/25/25 11:42	1
Barium	0.00033	U	0.0036	0.00033	mg/L		04/25/25 10:27	04/25/25 11:42	1
Beryllium	0.00029	U	0.00090	0.00029	mg/L		04/25/25 10:27	04/25/25 11:42	1
Cadmium	0.00022	U	0.00090	0.00022	mg/L		04/25/25 10:27	04/25/25 11:42	1
Chromium	0.00035	U	0.0018	0.00035	mg/L		04/25/25 10:27	04/25/25 11:42	1
Copper	0.00058	U	0.0018	0.00058	mg/L		04/25/25 10:27	04/25/25 11:42	1
Lead	0.00022	U	0.0018	0.00022	mg/L		04/25/25 10:27	04/25/25 11:42	1
Manganese	0.00090	U	0.0023	0.00090	mg/L		04/25/25 10:27	04/25/25 11:42	1
Nickel	0.00082	U	0.0036	0.00082	mg/L		04/25/25 10:27	04/25/25 11:42	1
Selenium	0.00090	U	0.0036	0.00090	mg/L		04/25/25 10:27	04/25/25 11:42	1
Silver	0.000033	U	0.00090	0.000033	mg/L		04/25/25 10:27	04/25/25 11:42	1
Thallium	0.00031	U	0.00090	0.00031	mg/L		04/25/25 10:27	04/25/25 11:42	1
Zinc	0.0012	U	0.0036	0.0012	mg/L		04/25/25 10:27	04/25/25 11:42	1

Lab Sample ID: LCS 670-149697/1-A
Matrix: Drinking Water
Analysis Batch: 149938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 149697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	4.94		mg/L		99	85 - 115
Antimony	0.100	0.0900		mg/L		90	85 - 115
Arsenic	0.100	0.0949		mg/L		95	85 - 115
Barium	0.100	0.0942		mg/L		94	85 - 115
Beryllium	0.100	0.0920		mg/L		92	85 - 115
Cadmium	0.100	0.0942		mg/L		94	85 - 115
Chromium	0.100	0.0945		mg/L		94	85 - 115
Copper	0.100	0.0912		mg/L		91	85 - 115
Lead	0.100	0.0934		mg/L		93	85 - 115
Manganese	1.10	1.04		mg/L		95	85 - 115
Nickel	0.100	0.0920		mg/L		92	85 - 115
Selenium	0.100	0.0969		mg/L		97	85 - 115
Silver	0.100	0.0965		mg/L		96	85 - 115
Thallium	0.100	0.0945		mg/L		94	85 - 115
Zinc	0.100	0.0963		mg/L		96	85 - 115

QC Sample Results

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID: [redacted]

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 670-149697/2-A
Matrix: Drinking Water
Analysis Batch: 149938

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 149697

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			5.00	5.00		mg/L		100	85 - 115	1	20
Antimony			0.100	0.0913		mg/L		91	85 - 115	1	20
Arsenic			0.100	0.0977		mg/L		98	85 - 115	3	20
Barium			0.100	0.0963		mg/L		96	85 - 115	2	20
Beryllium			0.100	0.0947		mg/L		95	85 - 115	3	20
Cadmium			0.100	0.0962		mg/L		96	85 - 115	2	20
Chromium			0.100	0.0978		mg/L		98	85 - 115	4	20
Copper			0.100	0.0937		mg/L		94	85 - 115	3	20
Lead			0.100	0.0944		mg/L		94	85 - 115	1	20
Manganese			1.10	1.04		mg/L		95	85 - 115	0	20
Nickel			0.100	0.0949		mg/L		95	85 - 115	3	20
Selenium			0.100	0.0987		mg/L		99	85 - 115	2	20
Silver			0.100	0.0982		mg/L		98	85 - 115	2	20
Thallium			0.100	0.0937		mg/L		94	85 - 115	1	20
Zinc			0.100	0.101		mg/L		101	85 - 115	5	20

Lab Sample ID: [redacted]-1 MS
Matrix: Drinking Water
Analysis Batch: 149938

Client Sample ID: 6 = [redacted]
Prep Type: Total/NA
Prep Batch: 149697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.073		5.00	4.98		mg/L		98	70 - 130
Antimony	0.00060	I	0.100	0.0837		mg/L		83	70 - 130
Arsenic	0.00044	I	0.100	0.0922		mg/L		92	70 - 130
Barium	0.0037		0.100	0.0961		mg/L		92	70 - 130
Beryllium	0.00029	U	0.100	0.0924		mg/L		92	70 - 130
Cadmium	0.00022	U	0.100	0.0927		mg/L		93	70 - 130
Chromium	0.00049	I	0.100	0.0956		mg/L		95	70 - 130
Copper	0.00085	I	0.100	0.0924		mg/L		92	70 - 130
Lead	0.00022	U	0.100	0.0917		mg/L		92	70 - 130
Manganese	0.00090	U	1.10	1.06		mg/L		96	70 - 130
Nickel	0.00082	U	0.100	0.0909		mg/L		91	70 - 130
Selenium	0.00090	U	0.100	0.0940		mg/L		94	70 - 130
Silver	0.000035	I	0.100	0.0944		mg/L		94	70 - 130
Thallium	0.00031	U	0.100	0.0915		mg/L		92	70 - 130
Zinc	0.0017	I	0.100	0.0992		mg/L		97	70 - 130

Lab Sample ID: [redacted]-1 MSD
Matrix: Drinking Water
Analysis Batch: 149938

Client Sample ID: 6 = [redacted]
Prep Type: Total/NA
Prep Batch: 149697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.073		5.00	5.04		mg/L		99	70 - 130	1	20
Antimony	0.00060	I	0.100	0.0887		mg/L		88	70 - 130	6	20
Arsenic	0.00044	I	0.100	0.0975		mg/L		97	70 - 130	6	20
Barium	0.0037		0.100	0.100		mg/L		96	70 - 130	4	20
Beryllium	0.00029	U	0.100	0.0952		mg/L		95	70 - 130	3	20
Cadmium	0.00022	U	0.100	0.0968		mg/L		97	70 - 130	4	20
Chromium	0.00049	I	0.100	0.0980		mg/L		98	70 - 130	3	20

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID: [redacted]

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: [redacted]-1 MSD
Matrix: Drinking Water
Analysis Batch: 149938

Client Sample ID: 6 = [redacted]
Prep Type: Total/NA
Prep Batch: 149697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	0.00085	I	0.100	0.0942		mg/L		93	70 - 130	2	20
Lead	0.00022	U	0.100	0.0955		mg/L		95	70 - 130	4	20
Manganese	0.00090	U	1.10	1.05		mg/L		96	70 - 130	1	20
Nickel	0.00082	U	0.100	0.0955		mg/L		96	70 - 130	5	20
Selenium	0.00090	U	0.100	0.0998		mg/L		100	70 - 130	6	20
Silver	0.000035	I	0.100	0.0990		mg/L		99	70 - 130	5	20
Thallium	0.00031	U	0.100	0.0942		mg/L		94	70 - 130	3	20
Zinc	0.0017	I	0.100	0.104		mg/L		102	70 - 130	4	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 670-149548/12-A
Matrix: Drinking Water
Analysis Batch: 149693

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 149548

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00040	0.00020	mg/L		04/24/25 16:48	04/24/25 17:11	1

Lab Sample ID: LCS 670-149548/10-A
Matrix: Drinking Water
Analysis Batch: 149693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 149548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00493		mg/L		99	85 - 115

Lab Sample ID: LCSD 670-149548/11-A
Matrix: Drinking Water
Analysis Batch: 149693

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 149548

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00500	0.00500		mg/L		100	85 - 115	1	20

GC/MS VOA

Analysis Batch: 146256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]-1	6 = [redacted]	Total/NA	Drinking Water	524.2	
[redacted]-2	23 [redacted]	Total/NA	Drinking Water	524.2	
[redacted]-3	25 [redacted]	Total/NA	Drinking Water	524.2	
[redacted]-4	31 [redacted]	Total/NA	Drinking Water	524.2	
[redacted]-5	32 [redacted]	Total/NA	Drinking Water	524.2	
[redacted]-6	33 [redacted]	Total/NA	Drinking Water	524.2	
[redacted]-7	34 [redacted]	Total/NA	Drinking Water	524.2	
[redacted]-8	35 [redacted]	Total/NA	Drinking Water	524.2	
MB 670-146256/7	Method Blank	Total/NA	Drinking Water	524.2	
LCS 670-146256/4	Lab Control Sample	Total/NA	Drinking Water	524.2	
[redacted]1 MS	6 [redacted]	Total/NA	Drinking Water	524.2	
[redacted]1 MSD	6 [redacted]	Total/NA	Drinking Water	524.2	

LCMS

Prep Batch: 881434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]-4	31 = [redacted]	Total/NA	Drinking Water	533	
[redacted]-5	32 = [redacted]	Total/NA	Drinking Water	533	
[redacted]-6	33 = [redacted]	Total/NA	Drinking Water	533	
MB 680-881434/1-A	Method Blank	Total/NA	Drinking Water	533	
LCS 680-881434/2-A	Lab Control Sample	Total/NA	Drinking Water	533	
LCSD 680-881434/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	533	
LLCS 680-881434/4-A	Lab Control Sample	Total/NA	Drinking Water	533	

Analysis Batch: 881477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]-4	31 = [redacted]	Total/NA	Drinking Water	533	881434
[redacted]-5	32 = [redacted]	Total/NA	Drinking Water	533	881434
[redacted]-6	33 = [redacted]	Total/NA	Drinking Water	533	881434
MB 680-881434/1-A	Method Blank	Total/NA	Drinking Water	533	881434
LCS 680-881434/2-A	Lab Control Sample	Total/NA	Drinking Water	533	881434
LCSD 680-881434/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	533	881434
LLCS 680-881434/4-A	Lab Control Sample	Total/NA	Drinking Water	533	881434

Prep Batch: 881522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]-7	34 = [redacted]	Total/NA	Drinking Water	533	
[redacted]-8	35 = [redacted]	Total/NA	Drinking Water	533	
MB 680-881522/1-A	Method Blank	Total/NA	Drinking Water	533	
LCS 680-881522/2-A	Lab Control Sample	Total/NA	Drinking Water	533	
LCSD 680-881522/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	533	
LLCS 680-881522/4-A	Lab Control Sample	Total/NA	Drinking Water	533	

Analysis Batch: 881570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]-7	34 = [redacted]	Total/NA	Drinking Water	533	881522
[redacted]-8	35 = [redacted]	Total/NA	Drinking Water	533	881522
MB 680-881522/1-A	Method Blank	Total/NA	Drinking Water	533	881522
LCS 680-881522/2-A	Lab Control Sample	Total/NA	Drinking Water	533	881522
LCSD 680-881522/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	533	881522

LCMS (Continued)

Analysis Batch: 881570 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 680-881522/4-A	Lab Control Sample	Total/NA	Drinking Water	533	881522

Prep Batch: 881742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]4 - REDL	31 = [redacted]	Total/NA	Drinking Water	533	
[redacted]5 - REDL	32 = [redacted]	Total/NA	Drinking Water	533	
[redacted]6 - REDL	33 = [redacted]	Total/NA	Drinking Water	533	
[redacted]7 - REDL	34 = [redacted]	Total/NA	Drinking Water	533	
[redacted]8 - REDL	35 = [redacted]	Total/NA	Drinking Water	533	
MB 680-881742/1-A	Method Blank	Total/NA	Drinking Water	533	
LCS 680-881742/2-A	Lab Control Sample	Total/NA	Drinking Water	533	
LCSD 680-881742/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	533	
LLCS 680-881742/4-A	Lab Control Sample	Total/NA	Drinking Water	533	

Analysis Batch: 881804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]4 - REDL	31 = [redacted]	Total/NA	Drinking Water	533	881742
[redacted]5 - REDL	32 = [redacted]	Total/NA	Drinking Water	533	881742
[redacted]6 - REDL	33 = [redacted]	Total/NA	Drinking Water	533	881742
[redacted]7 - REDL	34 = [redacted]	Total/NA	Drinking Water	533	881742
[redacted]8 - REDL	35 = [redacted]	Total/NA	Drinking Water	533	881742
MB 680-881742/1-A	Method Blank	Total/NA	Drinking Water	533	881742
LCS 680-881742/2-A	Lab Control Sample	Total/NA	Drinking Water	533	881742
LCSD 680-881742/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	533	881742
LLCS 680-881742/4-A	Lab Control Sample	Total/NA	Drinking Water	533	881742

Metals

Prep Batch: 149548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]4	31 = [redacted]	Total/NA	Drinking Water	245.1	
[redacted]5	32 = [redacted]	Total/NA	Drinking Water	245.1	
[redacted]6	33 = [redacted]	Total/NA	Drinking Water	245.1	
[redacted]7	34 = [redacted]	Total/NA	Drinking Water	245.1	
[redacted]8	35 = [redacted]	Total/NA	Drinking Water	245.1	
MB 670-149548/12-A	Method Blank	Total/NA	Drinking Water	245.1	
LCS 670-149548/10-A	Lab Control Sample	Total/NA	Drinking Water	245.1	
LCSD 670-149548/11-A	Lab Control Sample Dup	Total/NA	Drinking Water	245.1	

Analysis Batch: 149693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]4	31 = [redacted]	Total/NA	Drinking Water	245.1	149548
[redacted]5	32 = [redacted]	Total/NA	Drinking Water	245.1	149548
[redacted]6	33 = [redacted]	Total/NA	Drinking Water	245.1	149548
[redacted]7	34 = [redacted]	Total/NA	Drinking Water	245.1	149548
[redacted]8	35 = [redacted]	Total/NA	Drinking Water	245.1	149548
MB 670-149548/12-A	Method Blank	Total/NA	Drinking Water	245.1	149548
LCS 670-149548/10-A	Lab Control Sample	Total/NA	Drinking Water	245.1	149548
LCSD 670-149548/11-A	Lab Control Sample Dup	Total/NA	Drinking Water	245.1	149548

Metals

Prep Batch: 149697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]1	6 = [redacted]	Total/NA	Drinking Water	200 Series	
[redacted]2	23 [redacted]	Total/NA	Drinking Water	200 Series	
[redacted]3	25 [redacted]	Total/NA	Drinking Water	200 Series	
[redacted]4	31 [redacted]	Total/NA	Drinking Water	200 Series	
[redacted]5	32 [redacted]	Total/NA	Drinking Water	200 Series	
[redacted]6	33 [redacted]	Total/NA	Drinking Water	200 Series	
[redacted]7	34 [redacted]	Total/NA	Drinking Water	200 Series	
[redacted]8	35 [redacted]	Total/NA	Drinking Water	200 Series	
MB 670-149697/3-A	Method Blank	Total/NA	Drinking Water	200 Series	
LCS 670-149697/1-A	Lab Control Sample	Total/NA	Drinking Water	200 Series	
LCSD 670-149697/2-A	Lab Control Sample Dup	Total/NA	Drinking Water	200 Series	
[redacted]1 MS	6 = [redacted]	Total/NA	Drinking Water	200 Series	
[redacted]1 MSD	6 = [redacted]	Total/NA	Drinking Water	200 Series	

Analysis Batch: 149938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]-1	6 = [redacted]	Total/NA	Drinking Water	200.8	149697
[redacted]-2	23 [redacted]	Total/NA	Drinking Water	200.8	149697
[redacted]-3	25 [redacted]	Total/NA	Drinking Water	200.8	149697
[redacted]-4	31 [redacted]	Total/NA	Drinking Water	200.8	149697
[redacted]-5	32 [redacted]	Total/NA	Drinking Water	200.8	149697
[redacted]-6	33 [redacted]	Total/NA	Drinking Water	200.8	149697
[redacted]-7	34 [redacted]	Total/NA	Drinking Water	200.8	149697
[redacted]-8	35 [redacted]	Total/NA	Drinking Water	200.8	149697
MB 670-149697/3-A	Method Blank	Total/NA	Drinking Water	200.8	149697
LCS 670-149697/1-A	Lab Control Sample	Total/NA	Drinking Water	200.8	149697
[redacted]149697/2-A	Lab Control Sample Dup	Total/NA	Drinking Water	200.8	149697
[redacted]-1 MS	6 = [redacted]	Total/NA	Drinking Water	200.8	149697
[redacted]-1 MSD	6 = [redacted]	Total/NA	Drinking Water	200.8	149697

Lab Chronicle

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID: [redacted]

Client Sample ID: 6 = [redacted] | **Lab Sample ID: [redacted]-1**
Date Collected: 03/27/25 17:35 | **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	146256	T1Y	EET ORL	04/07/25 18:53
Total/NA	Prep	200 Series			149697	DP	EET ORL	04/25/25 10:27
Total/NA	Analysis	200.8		1	149938	EV	EET ORL	04/25/25 11:48

Client Sample ID: 23 = [redacted] | **Lab Sample ID: [redacted]-2**
Date Collected: 03/22/25 16:00 | **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	146256	T1Y	EET ORL	04/07/25 20:23
Total/NA	Prep	200 Series			149697	DP	EET ORL	04/25/25 10:27
Total/NA	Analysis	200.8		1	149938	EV	EET ORL	04/25/25 12:17

Client Sample ID: 25 = [redacted] | **Lab Sample ID: [redacted]-3**
Date Collected: 03/22/25 14:30 | **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	146256	T1Y	EET ORL	04/07/25 20:46
Total/NA	Prep	200 Series			149697	DP	EET ORL	04/25/25 10:27
Total/NA	Analysis	200.8		1	149938	EV	EET ORL	04/25/25 12:19

Client Sample ID: 31 = [redacted] | **Lab Sample ID: [redacted]-4**
Date Collected: 12/07/24 13:42 | **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	146256	T1Y	EET ORL	04/07/25 21:08
Total/NA	Prep	533			881434	EO	EET SAV	04/25/25 12:21
Total/NA	Analysis	533		1	881477	RPG	EET SAV	04/27/25 16:56
Total/NA	Prep	533	REDL		881742	RPG	EET SAV	05/01/25 14:15
Total/NA	Analysis	533	REDL	1	881804	RPG	EET SAV	05/02/25 18:01
Total/NA	Prep	200 Series			149697	DP	EET ORL	04/25/25 10:27
Total/NA	Analysis	200.8		1	149938	EV	EET ORL	04/25/25 11:54
Total/NA	Prep	245.1			149548	EB	EET ORL	04/24/25 16:48
Total/NA	Analysis	245.1		1	149693	EB	EET ORL	04/24/25 17:31

Client Sample ID: 32 = [redacted] | **Lab Sample ID: [redacted]-5**
Date Collected: 12/09/24 12:40 | **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	146256	T1Y	EET ORL	04/07/25 21:31
Total/NA	Prep	533			881434	EO	EET SAV	04/25/25 12:21
Total/NA	Analysis	533		1	881477	RPG	EET SAV	04/27/25 17:06

Client: Terra AyAy Environmental Action Group Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Client Sample ID: 32 = [redacted] **Lab Sample ID: [redacted]-5**
Date Collected: 12/09/24 12:40 **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533	REDL		881742	RPG	EET SAV	05/01/25 14:15
Total/NA	Analysis	533	REDL	1	881804	RPG	EET SAV	05/02/25 18:11
Total/NA	Prep	200 Series			149697	DP	EET ORL	04/25/25 10:27
Total/NA	Analysis	200.8		1	149938	EV	EET ORL	04/25/25 11:56
Total/NA	Prep	245.1			149548	EB	EET ORL	04/24/25 16:48
Total/NA	Analysis	245.1		1	149693	EB	EET ORL	04/24/25 17:32

Client Sample ID: 33 = [redacted] **Lab Sample ID: [redacted]-6**
Date Collected: 03/27/25 11:30 **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	146256	T1Y	EET ORL	04/07/25 21:54
Total/NA	Prep	533			881434	EO	EET SAV	04/25/25 12:21
Total/NA	Analysis	533		1	881477	RPG	EET SAV	04/27/25 17:17
Total/NA	Prep	533	REDL		881742	RPG	EET SAV	05/01/25 14:15
Total/NA	Analysis	533	REDL	1	881804	RPG	EET SAV	05/02/25 18:22
Total/NA	Prep	200 Series			149697	DP	EET ORL	04/25/25 10:27
Total/NA	Analysis	200.8		1	149938	EV	EET ORL	04/25/25 11:58
Total/NA	Prep	245.1			149548	EB	EET ORL	04/24/25 16:48
Total/NA	Analysis	245.1		1	149693	EB	EET ORL	04/24/25 17:33

Client Sample ID: 34 = [redacted] **Lab Sample ID: [redacted]-7**
Date Collected: 03/22/25 13:00 **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	146256	T1Y	EET ORL	04/07/25 22:16
Total/NA	Prep	533			881522	EO	EET SAV	04/28/25 12:18
Total/NA	Analysis	533		1	881570	RPG	EET SAV	04/29/25 16:43
Total/NA	Prep	533	REDL		881742	RPG	EET SAV	05/01/25 14:15
Total/NA	Analysis	533	REDL	1	881804	RPG	EET SAV	05/02/25 18:32
Total/NA	Prep	200 Series			149697	DP	EET ORL	04/25/25 10:27
Total/NA	Analysis	200.8		1	149938	EV	EET ORL	04/25/25 12:04
Total/NA	Prep	245.1			149548	EB	EET ORL	04/24/25 16:48
Total/NA	Analysis	245.1		1	149693	EB	EET ORL	04/24/25 17:34

Client Sample ID: 35 = [redacted] **Lab Sample ID: [redacted]-8**
Date Collected: 03/29/25 15:15 **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	146256	T1Y	EET ORL	04/07/25 22:39
Total/NA	Prep	533			881522	EO	EET SAV	04/28/25 12:18
Total/NA	Analysis	533		1	881570	RPG	EET SAV	04/29/25 16:53

Lab Chronicle

Client: Terra AyAy Environmental Action Group | Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Client Sample ID: 35 = [redacted] | **Lab Sample ID: [redacted]-8**
Date Collected: 03/29/25 15:15 | **Matrix: Drinking Water**
Date Received: 04/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533	REDL		881742	RPG	EET SAV	05/01/25 14:15
Total/NA	Analysis	533	REDL	1	881804	RPG	EET SAV	05/02/25 18:43
Total/NA	Prep	200 Series			149697	DP	EET ORL	04/25/25 10:27
Total/NA	Analysis	200.8		1	149938	EV	EET ORL	04/25/25 12:06
Total/NA	Prep	245.1			149548	EB	EET ORL	04/24/25 16:48
Total/NA	Analysis	245.1		1	149693	EB	EET ORL	04/24/25 17:35

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Terra AyAy Environmental Action Group
Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Laboratory: Eurofins Orlando

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E83018	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.8	200 Series	Drinking Water	Manganese
524.2		Drinking Water	m-Xylene & p-Xylene
524.2		Drinking Water	o-Xylene

Laboratory: Eurofins Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-25
ANAB	Dept. of Defense ELAP	L2463	09-22-26
Arkansas (DW)	State	GA00006	06-30-25
Arkansas DEQ	State	88-00692	02-09-26
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25
Georgia (DW)	State	803	06-30-25
Hawaii	State	<cert No.>	06-30-25
Illinois	NELAP	200022	11-30-25
Iowa	State	353	07-01-25
Kentucky (UST)	State	108138	06-30-24 *
Louisiana (All)	NELAP	30690	06-30-25
Maine	State	GA00006	09-25-26
Maryland	State	250	12-31-25
Mississippi	State	<cert No.>	06-30-25
Nebraska	State	NE-OS-7-04	06-30-25
New Mexico	State	GA00006	06-30-25
North Carolina (DW)	State	13701	07-31-25
North Carolina (WW/SW)	State	269	12-31-25
Puerto Rico	State	GA00006	01-15-26
South Carolina	State	98001	06-30-25
Tennessee	State	TN02961	06-30-25
Texas	TCEQ Water Supply	T104704185	06-30-25
USDA	US Federal Programs	P330-18-00313	04-04-27
Virginia	NELAP	460161	06-14-25
Wyoming	State	8TMS-L	06-30-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Terra AyAy Environmental Action Group Job ID: [redacted]
Project/Site: Terra Ay Ay - St. Croix, VI

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	EET ORL
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EET SAV
200.8	Metals (ICP/MS)	EPA	EET ORL
245.1	Mercury (CVAA)	EPA	EET ORL
200 Series	Turbidity Check	EPA	EET ORL
245.1	Preparation, Mercury	EPA	EET ORL
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: Terra AyAy Environmental Action Group
Project/Site: Terra Ay Ay - St. Croix, VI

Job ID: [redacted]

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
[redacted]1	6 = [redacted]	Drinking Water	03/27/25 17:35	04/02/25 08:00
[redacted]2	23 [redacted]	Drinking Water	03/22/25 16:00	04/02/25 08:00
[redacted]3	25 [redacted]	Drinking Water	03/22/25 14:30	04/02/25 08:00
[redacted]4	31 [redacted]	Drinking Water	12/07/24 13:42	04/02/25 08:00
[redacted]5	32 [redacted]	Drinking Water	12/09/24 12:40	04/02/25 08:00
[redacted]6	33 [redacted]	Drinking Water	03/27/25 11:30	04/02/25 08:00
[redacted]7	34 [redacted]	Drinking Water	03/22/25 13:00	04/02/25 08:00
[redacted]8	35 [redacted]	Drinking Water	03/29/25 15:15	04/02/25 08:00

Eurofins Orlando
481 Newburyport Avenue
Altamonte Springs, FL 32701
Phone (407) 339-5984 Phone (407) 260-6110

Chain of Custody Record

eurofins

Client Information	Sam[redacted]	Lab PM: [redacted]	Carrier Tracking No(s):	COC No: [redacted]	
Client Contact: [redacted]	Pho[redacted]	E-Mail: [redacted]	State of Origin: VI	Page: 1	
Company: Terra AyAy Environmental Action Group	PWSID:			Job #:	
Address: 1023 Market Street	Due Date Requested:				
City: Christiansted	TAT Requested (days):				
State, Zip: VI, 00820	Compliance Project: Δ Yes Δ No				
Phone: 000--(Tel)	PO #: Advance Payment Required				
Email: [redacted]	WO #:				
Project Name: Terra Ay Ay	Project #: 18500211				
Site: St Croix, VI	SSOW#:				

Analysis Requested

Preservation Codes:
D - HNO3
HA - AscbAcd&HCL
I - NH4 Acetate

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8 - Lead & Copper	524.2 - Regulated Volatile Organics w/BTEX	200.8 - AlSbAsBaBeCdCrCuPbMnNiSeAgTlZn, 245.1 - Hg	533 - Perfluorinated and Polyfluorinated Alkyl	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	HA	D	I		
6 = [redacted]			G	DW			X	X				
23 = [redacted]			G	DW			X	X				
25 = [redacted]			G	DW			X	X		X		
31 = [redacted]			G	DW					X	X		
32 = [redacted]			G	DW					X	X		
33 = [redacted]			G	DW					X	X		
34 = [redacted]			G	DW					X	X		
35 = [redacted]			G	DW					X	X		

670-59774 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ________ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [redacted]	Date: 10/29/24	Time: 10: [redacted]		Method of Shipment:	
Relinquished by: [redacted]	Date/Time: 04/01/25 9:00am	Company: UVI	Received by: [redacted]	Date/Time: 4/2/25 9:30	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.8/3.6

Ver: 05/06/2024
5/5/2025

Eurofins Orlando
481 Newburyport Avenue
Altamonte Springs, FL 32701
Phone: 407-339-5984 Fax: 407-260-6110

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: [redacted]	Carrier Tracking No(s): N/A	COC No: [redacted]
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: [redacted]	State of Origin: Virgin Islands, U.S.	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): NELAP - Florida		Job #: [redacted]
Address: 5102 LaRoche Avenue, .	Due Date Requested: 4/15/2025	Analysis Requested		Preservation Codes: -
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Terra Ay Ay - St. Croix, VI	Project #: 18500211			Other: N/A
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	533/533_Prep Perfluorinated and Polyfluorinated Alkyl (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
31 = [redacted]4)	12/7/24	13:42 Atlantic	G	Drinking Wate			X	2	
32 = [redacted]5)	12/9/24	12:40 Atlantic	G	Drinking Wate			X	2	
33 = [redacted]-6)	3/27/25	11:30 Atlantic	G	Drinking Wate			X	2	
34 = [redacted]-7)	3/22/25	13:00 Atlantic	G	Drinking Wate			X	2	
35 = [redacted]8)	3/29/25	15:15 Atlantic	G	Drinking Wate			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification Unconfirmed	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by: Date:	Time: [redacted]pment:
Relinquished by: [redacted] Date/Time: 4-2-25 1700 Company	[redacted]te/Time: 4/5/25 1155 Company
Relinquished by: Date/Time: Company	[redacted]ate/Time: Company
Relinquished by: Date/Time: Company	Received by: Date/Time: Company
Custody Seals Intact: Δ Yes Δ No Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 5.3/5.3

Login Sample Receipt Checklist

Client: Cash in Advance (Fort Lauderdale)

Job Number: [redacted]

Login Number: [redacted]

List Source: Eurofins Orlando

List Number: 1

Creator: [redacted]

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable. [redacted]	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	No sample date and/or time on COC, logged in per container labels.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	False	Headspace larger than 1/4" in one or more vials, one vial with accpt. headspace
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Cash in Advance (Fort Lauderdale) | Job Number: [redacted]

Login Number: [redacted]
List Number: 2
Creator: [redacted]

List Source: Eurofins Savannah
List Creation: 04/05/25 01:17 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	