

VIA ELECTRONIC MAIL

November 15, 2016

William Daigle
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, NY 12233
william.daigle@dec.ny.gov

Krista Anders
NYSDOH
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
krista.anders@health.ny.gov

Dolores A. Tuohy, Esq.
Office of General Counsel
NYSDEC
625 Broadway
Albany, New York 12233
dolores.tuohy@dec.ny.gov

**RE: Monthly Progress Report
Taconic Site (Site No. 442047)
Petersburgh, New York**

Dear Sir/Madam;

Although the Order on Consent and Administrative Settlement for the Tonoga Inc. d/b/a Taconic facility in Petersburg, New York, is not yet effective, the Monthly Progress Report covering October 2016 is attached. Please feel free to contact Janet Forsell at 518.724.7258 or myself at 518.658.3202 x288 or at karent@4taconic.com if you have any questions.

Sincerely,



Karen Toth
Environmental Manager

attachment

cc: Lori Mason, Esq., Taconic
Janet Forsell, OBG
Scott Grieco, OBG
Paul Hare, OBG

**MONTHLY PROGRESS REPORT
TACONIC FACILITY (NYSDEC SITE NO. 442047)
PETERSBURGH, NEW YORK
OCTOBER 2016**

Actions Taken to Comply with the Settlement Agreement During Previous Month:

- Although the Order on Consent and Administrative Settlement (Settlement Agreement) was not yet effective, preparation of the Citizen Participation Plan (CPP) continued.
- Preparation of the Remedial Investigation/Feasibility Study (RI/FS) Work Plan also continued.
- Although the Settlement Agreement was not yet effective, WEL-DUN, Inc. (WEL-DUN) sampled 24 Point-of-Entry Treatment (POET) systems from October 18 through 26, 2016 for the analysis of perfluorinated compounds (PFCs) by TestAmerica (TA), as part of the quarterly maintenance monitoring.

Plans, Reports, and Other Deliverables Required by the Settlement Agreement Completed and Submitted in the Previous Month:

- Although the Settlement Agreement was not yet effective, Taconic completed preparation of and submitted the Final Design Package and Start-Up Plan for the new granular activated carbon (GAC) filter system for the Town of Petersburg drinking water supply to the New York State Department of Health (NYSDOH) Bureau of Water Supply Protection (BWSP) on October 31, 2016.

Results of Sampling, Tests and Any Other Data Received or Generated by or on behalf of Respondent During the Previous Month:

- Although the Settlement Agreement was not yet effective, analytical results from TA for PFCs are attached for the mid-GAC and post-GAC samples collected from the 15 POET systems from October 18 through 20, 2016.

Activities Undertaken in Support of the Community Relations Plan During Previous Month:

- Not applicable for October 2016, as the Settlement Agreement was not yet effective.

Actions, Plans and Data Scheduled for the Next Month:

- Preparation of the CPP will continue. The CPP will be submitted to New York State Department of Environmental Conservation (NYSDEC) and NYSDOH within 20 days of the effective date of the Settlement Agreement.
- Preparation of the RI/FS Work Plan will also continue. The RI/FS Work Plan will be submitted to NYSDOH and NYSDOH within 30 days of the effective date of the Settlement Agreement.
- WEL-DUN will continue quarterly maintenance monitoring of the POET systems in November 2016.
- Although dependent on site conditions, OBG will perform surface water sampling at and near the facility for laboratory analysis of PFCs. In addition, one location will be sampled for analysis of Target Compound List/Target Analyte List (TCL/TAL) constituents. Consistent with the production well sampling, NYSDOH will be notified in advance of the surface water sampling.

**MONTHLY PROGRESS REPORT
TACONIC FACILITY (NYSDEC SITE NO. 442047)
PETERSBURGH, NEW YORK
OCTOBER 2016**

- Preparation of the Operation, Maintenance and Monitoring (OM&M) Plan for the new GAC filter system for the Town of Petersburg drinking water supply will continue, and the plan will be submitted to NYSDOH's BWSP within 30 days of the effective date of the Settlement Agreement.

Activities in Support of the Community Relations Plan Anticipated for the Next Month:

- Not applicable for October 2016, as the Settlement Agreement was not yet effective.

Delays Encountered or Anticipated and Mitigation Measures:

- Not applicable for October 2016, as the Settlement Agreement was not yet effective.

Proposed or Approved Modifications (Work Scope and/or Schedule):

- Not applicable for October 2016, as the Settlement Agreement was not yet effective.

Percentage of Completion and Additional Information Relating to the Progress of Work:

- Not applicable for October 2016, as the Settlement Agreement was not yet effective.

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22865-1

Client Sample ID: 31 STARBRIDGE RD

Lab Sample ID: 320-22865-7

Date Collected: 10/19/16 11:44

Matrix: Water

Date Received: 10/20/16 10:00

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/21/16 09:36	10/22/16 16:36	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/21/16 09:36	10/22/16 16:36	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/21/16 09:36	10/22/16 16:36	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/21/16 09:36	10/22/16 16:36	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/21/16 09:36	10/22/16 16:36	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/21/16 09:36	10/22/16 16:36	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
¹⁸ O ₂ PFHxS	103		25 - 150				10/21/16 09:36	10/22/16 16:36	1
¹³ C ₄ -PFHpA	117		25 - 150				10/21/16 09:36	10/22/16 16:36	1
¹³ C ₄ PFOA	113		25 - 150				10/21/16 09:36	10/22/16 16:36	1
¹³ C ₄ PFOS	101		25 - 150				10/21/16 09:36	10/22/16 16:36	1
¹³ C ₅ PFNA	110		25 - 150				10/21/16 09:36	10/22/16 16:36	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22865-1

Client Sample ID: 31 STARBRIDGE RD MID

Lab Sample ID: 320-22865-8

Date Collected: 10/19/16 11:46

Matrix: Water

Date Received: 10/20/16 10:00

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/21/16 09:36	10/22/16 16:54	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/21/16 09:36	10/22/16 16:54	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/21/16 09:36	10/22/16 16:54	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/21/16 09:36	10/22/16 16:54	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/21/16 09:36	10/22/16 16:54	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/21/16 09:36	10/22/16 16:54	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	101		25 - 150				10/21/16 09:36	10/22/16 16:54	1
13C4-PFHxS	114		25 - 150				10/21/16 09:36	10/22/16 16:54	1
13C4 PFOA	112		25 - 150				10/21/16 09:36	10/22/16 16:54	1
13C4 PFOS	100		25 - 150				10/21/16 09:36	10/22/16 16:54	1
13C5 PFNA	108		25 - 150				10/21/16 09:36	10/22/16 16:54	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22865-1

Client Sample ID: 59 HEWITT RD POST

Lab Sample ID: 320-22865-3

Date Collected: 10/19/16 10:15

Matrix: Water

Date Received: 10/20/16 10:00

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/21/16 09:36	10/22/16 15:04	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/21/16 09:36	10/22/16 15:04	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/21/16 09:36	10/22/16 15:04	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/21/16 09:36	10/22/16 15:04	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/21/16 09:36	10/22/16 15:04	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/21/16 09:36	10/22/16 15:04	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	99		25 - 150				10/21/16 09:36	10/22/16 15:04	1
13C4-PFHxS	110		25 - 150				10/21/16 09:36	10/22/16 15:04	1
13C4 PFHpA	108		25 - 150				10/21/16 09:36	10/22/16 15:04	1
13C4 PFOA	98		25 - 150				10/21/16 09:36	10/22/16 15:04	1
13C5 PFNA	106		25 - 150				10/21/16 09:36	10/22/16 15:04	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22865-1

Client Sample ID: 59 HEWITT RD MID

Lab Sample ID: 320-22865-4

Date Collected: 10/16/16 10:24

Matrix: Water

Date Received: 10/20/16 10:00

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/21/16 09:36	10/22/16 15:22	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/21/16 09:36	10/22/16 15:22	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/21/16 09:36	10/22/16 15:22	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/21/16 09:36	10/22/16 15:22	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/21/16 09:36	10/22/16 15:22	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/21/16 09:36	10/22/16 15:22	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	104		25 - 150				10/21/16 09:36	10/22/16 15:22	1
13C4-PFHxS	113		25 - 150				10/21/16 09:36	10/22/16 15:22	1
13C4 PFOA	115		25 - 150				10/21/16 09:36	10/22/16 15:22	1
13C4 PFOS	105		25 - 150				10/21/16 09:36	10/22/16 15:22	1
13C5 PFNA	111		25 - 150				10/21/16 09:36	10/22/16 15:22	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22813-1

Client Sample ID: 18 RED MILL RD. POST GAC

Lab Sample ID: 320-22813-5

Date Collected: 10/18/16 11:27

Matrix: Water

Date Received: 10/19/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/20/16 13:49	10/21/16 21:01	1
Perfluorohexanesulfonic acid (PFHxS)	ND	*	2.0	0.87	ng/L		10/20/16 13:49	10/21/16 21:01	1
Perfluoroheptanoic acid (PFHpA)	ND	*	2.0	0.80	ng/L		10/20/16 13:49	10/21/16 21:01	1
Perfluorooctanoic acid (PFOA)	ND	*	2.0	0.75	ng/L		10/20/16 13:49	10/21/16 21:01	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/20/16 13:49	10/21/16 21:01	1
Perfluorononanoic acid (PFNA)	ND	*	2.0	0.65	ng/L		10/20/16 13:49	10/21/16 21:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	100		25 - 150				10/20/16 13:49	10/21/16 21:01	1
13C4-PFHpA	111		25 - 150				10/20/16 13:49	10/21/16 21:01	1
13C4 PFOA	110		25 - 150				10/20/16 13:49	10/21/16 21:01	1
13C4 PFOS	99		25 - 150				10/20/16 13:49	10/21/16 21:01	1
13C5 PFNA	104		25 - 150				10/20/16 13:49	10/21/16 21:01	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22813-1

Client Sample ID: 18 RED MILL RD MID GAC

Lab Sample ID: 320-22813-6

Date Collected: 10/18/16 11:31

Matrix: Water

Date Received: 10/19/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/20/16 13:49	10/21/16 21:19	1
Perfluorohexanesulfonic acid (PFHxS)	ND	*	2.0	0.87	ng/L		10/20/16 13:49	10/21/16 21:19	1
Perfluoroheptanoic acid (PFHpA)	ND	*	2.0	0.80	ng/L		10/20/16 13:49	10/21/16 21:19	1
Perfluorooctanoic acid (PFOA)	ND	*	2.0	0.75	ng/L		10/20/16 13:49	10/21/16 21:19	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/20/16 13:49	10/21/16 21:19	1
Perfluorononanoic acid (PFNA)	ND	*	2.0	0.65	ng/L		10/20/16 13:49	10/21/16 21:19	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	101		25 - 150				10/20/16 13:49	10/21/16 21:19	1
13C4-PFHxS	111		25 - 150				10/20/16 13:49	10/21/16 21:19	1
13C4 PFOA	109		25 - 150				10/20/16 13:49	10/21/16 21:19	1
13C4 PFOS	99		25 - 150				10/20/16 13:49	10/21/16 21:19	1
13C5 PFNA	105		25 - 150				10/20/16 13:49	10/21/16 21:19	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22813-1

Client Sample ID: 36 HEWITT RD MID GAC

Lab Sample ID: 320-22813-7

Date Collected: 10/18/16 12:08

Matrix: Water

Date Received: 10/19/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/20/16 13:49	10/21/16 21:37	1
Perfluorohexanesulfonic acid (PFHxS)	ND	*	2.0	0.87	ng/L		10/20/16 13:49	10/21/16 21:37	1
Perfluoroheptanoic acid (PFHpA)	ND	*	2.0	0.80	ng/L		10/20/16 13:49	10/21/16 21:37	1
Perfluorooctanoic acid (PFOA)	ND	*	2.0	0.75	ng/L		10/20/16 13:49	10/21/16 21:37	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/20/16 13:49	10/21/16 21:37	1
Perfluorononanoic acid (PFNA)	ND	*	2.0	0.65	ng/L		10/20/16 13:49	10/21/16 21:37	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
¹⁸ O2 PFHxS	103		25 - 150				10/20/16 13:49	10/21/16 21:37	1
¹³ C4-PFHpA	117		25 - 150				10/20/16 13:49	10/21/16 21:37	1
¹³ C4 PFOA	113		25 - 150				10/20/16 13:49	10/21/16 21:37	1
¹³ C4 PFOS	103		25 - 150				10/20/16 13:49	10/21/16 21:37	1
¹³ C5 PFNA	108		25 - 150				10/20/16 13:49	10/21/16 21:37	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22813-1

Client Sample ID: 36 HEWITT RD POST GAC

Lab Sample ID: 320-22813-8

Date Collected: 10/18/16 12:13

Matrix: Water

Date Received: 10/19/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/20/16 13:49	10/21/16 21:56	1
Perfluorohexanesulfonic acid (PFHxS)	ND	*	2.0	0.87	ng/L		10/20/16 13:49	10/21/16 21:56	1
Perfluoroheptanoic acid (PFHpA)	ND	*	2.0	0.80	ng/L		10/20/16 13:49	10/21/16 21:56	1
Perfluorooctanoic acid (PFOA)	ND	*	2.0	0.75	ng/L		10/20/16 13:49	10/21/16 21:56	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/20/16 13:49	10/21/16 21:56	1
Perfluorononanoic acid (PFNA)	ND	*	2.0	0.65	ng/L		10/20/16 13:49	10/21/16 21:56	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	105		25 - 150				10/20/16 13:49	10/21/16 21:56	1
13C4-PFHxS	121		25 - 150				10/20/16 13:49	10/21/16 21:56	1
13C4 PFOA	115		25 - 150				10/20/16 13:49	10/21/16 21:56	1
13C4 PFOS	106		25 - 150				10/20/16 13:49	10/21/16 21:56	1
13C5 PFNA	111		25 - 150				10/20/16 13:49	10/21/16 21:56	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22865-1

Client Sample ID: 67 COON BROOK RD POST

Lab Sample ID: 320-22865-1

Date Collected: 10/19/16 09:31

Matrix: Water

Date Received: 10/20/16 10:00

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/21/16 09:36	10/22/16 14:27	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/21/16 09:36	10/22/16 14:27	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/21/16 09:36	10/22/16 14:27	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/21/16 09:36	10/22/16 14:27	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/21/16 09:36	10/22/16 14:27	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/21/16 09:36	10/22/16 14:27	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	123		25 - 150				10/21/16 09:36	10/22/16 14:27	1
13C4-PFHxS	135		25 - 150				10/21/16 09:36	10/22/16 14:27	1
13C4 PFOA	135		25 - 150				10/21/16 09:36	10/22/16 14:27	1
13C4 PFOS	124		25 - 150				10/21/16 09:36	10/22/16 14:27	1
13C5 PFNA	130		25 - 150				10/21/16 09:36	10/22/16 14:27	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22865-1

Client Sample ID: 67 COON BROOK RD MID

Lab Sample ID: 320-22865-2

Date Collected: 10/19/16 09:38

Matrix: Water

Date Received: 10/20/16 10:00

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/21/16 09:36	10/22/16 14:45	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/21/16 09:36	10/22/16 14:45	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/21/16 09:36	10/22/16 14:45	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/21/16 09:36	10/22/16 14:45	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/21/16 09:36	10/22/16 14:45	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/21/16 09:36	10/22/16 14:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	103		25 - 150				10/21/16 09:36	10/22/16 14:45	1
13C4-PFHxA	112		25 - 150				10/21/16 09:36	10/22/16 14:45	1
13C4 PFOA	114		25 - 150				10/21/16 09:36	10/22/16 14:45	1
13C4 PFOS	106		25 - 150				10/21/16 09:36	10/22/16 14:45	1
13C5 PFNA	107		25 - 150				10/21/16 09:36	10/22/16 14:45	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22813-1

Client Sample ID: 19105 NY 22 POST GAC

Lab Sample ID: 320-22813-1

Date Collected: 10/18/16 10:02

Matrix: Water

Date Received: 10/19/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/20/16 13:49	10/21/16 19:47	1
Perfluorohexanesulfonic acid (PFHxS)	ND	*	2.0	0.87	ng/L		10/20/16 13:49	10/21/16 19:47	1
Perfluoroheptanoic acid (PFHpA)	ND	*	2.0	0.80	ng/L		10/20/16 13:49	10/21/16 19:47	1
Perfluorooctanoic acid (PFOA)	ND	*	2.0	0.75	ng/L		10/20/16 13:49	10/21/16 19:47	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/20/16 13:49	10/21/16 19:47	1
Perfluorononanoic acid (PFNA)	ND	*	2.0	0.65	ng/L		10/20/16 13:49	10/21/16 19:47	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	101		25 - 150				10/20/16 13:49	10/21/16 19:47	1
13C4-PFHxS	112		25 - 150				10/20/16 13:49	10/21/16 19:47	1
13C4 PFOA	110		25 - 150				10/20/16 13:49	10/21/16 19:47	1
13C4 PFOS	100		25 - 150				10/20/16 13:49	10/21/16 19:47	1
13C5 PFNA	106		25 - 150				10/20/16 13:49	10/21/16 19:47	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22813-1

Client Sample ID: 19105 NY 22 MID GAC

Lab Sample ID: 320-22813-2

Date Collected: 10/18/16 10:06

Matrix: Water

Date Received: 10/19/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/20/16 13:49	10/21/16 20:05	1
Perfluorohexanesulfonic acid (PFHxS)	ND	*	2.0	0.87	ng/L		10/20/16 13:49	10/21/16 20:05	1
Perfluoroheptanoic acid (PFHpA)	ND	*	2.0	0.80	ng/L		10/20/16 13:49	10/21/16 20:05	1
Perfluorooctanoic acid (PFOA)	ND	*	2.0	0.75	ng/L		10/20/16 13:49	10/21/16 20:05	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/20/16 13:49	10/21/16 20:05	1
Perfluorononanoic acid (PFNA)	ND	*	2.0	0.65	ng/L		10/20/16 13:49	10/21/16 20:05	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	102		25 - 150				10/20/16 13:49	10/21/16 20:05	1
13C4-PFHxS	115		25 - 150				10/20/16 13:49	10/21/16 20:05	1
13C4 PFOA	114		25 - 150				10/20/16 13:49	10/21/16 20:05	1
13C4 PFOS	100		25 - 150				10/20/16 13:49	10/21/16 20:05	1
13C5 PFNA	109		25 - 150				10/20/16 13:49	10/21/16 20:05	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22813-1

Client Sample ID: 44 HEWITT RD MID GAC

Lab Sample ID: 320-22813-9

Date Collected: 10/18/16 12:39

Matrix: Water

Date Received: 10/19/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/20/16 13:49	10/21/16 22:14	1
Perfluorohexanesulfonic acid (PFHxS)	ND	*	2.0	0.87	ng/L		10/20/16 13:49	10/21/16 22:14	1
Perfluoroheptanoic acid (PFHpA)	ND	*	2.0	0.80	ng/L		10/20/16 13:49	10/21/16 22:14	1
Perfluorooctanoic acid (PFOA)	ND	*	2.0	0.75	ng/L		10/20/16 13:49	10/21/16 22:14	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/20/16 13:49	10/21/16 22:14	1
Perfluorononanoic acid (PFNA)	ND	*	2.0	0.65	ng/L		10/20/16 13:49	10/21/16 22:14	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	109		25 - 150				10/20/16 13:49	10/21/16 22:14	1
13C4-PFHxS	121		25 - 150				10/20/16 13:49	10/21/16 22:14	1
13C4 PFHpA	118		25 - 150				10/20/16 13:49	10/21/16 22:14	1
13C4 PFOA	107		25 - 150				10/20/16 13:49	10/21/16 22:14	1
13C4 PFOS	113		25 - 150				10/20/16 13:49	10/21/16 22:14	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22813-1

Client Sample ID: 44 HEWITT RD POST GAC

Lab Sample ID: 320-22813-10

Date Collected: 10/18/16 12:45

Matrix: Water

Date Received: 10/19/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/20/16 13:49	10/21/16 22:32	1
Perfluorohexanesulfonic acid (PFHxS)	ND	*	2.0	0.87	ng/L		10/20/16 13:49	10/21/16 22:32	1
Perfluoroheptanoic acid (PFHpA)	ND	*	2.0	0.80	ng/L		10/20/16 13:49	10/21/16 22:32	1
Perfluorooctanoic acid (PFOA)	ND	*	2.0	0.75	ng/L		10/20/16 13:49	10/21/16 22:32	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/20/16 13:49	10/21/16 22:32	1
Perfluorononanoic acid (PFNA)	ND	*	2.0	0.65	ng/L		10/20/16 13:49	10/21/16 22:32	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
18O2 PFHxS	104		25 - 150				10/20/16 13:49	10/21/16 22:32	1
13C4-PFHxS	117		25 - 150				10/20/16 13:49	10/21/16 22:32	1
13C4 PFOA	117		25 - 150				10/20/16 13:49	10/21/16 22:32	1
13C4 PFOS	102		25 - 150				10/20/16 13:49	10/21/16 22:32	1
13C5 PFNA	111		25 - 150				10/20/16 13:49	10/21/16 22:32	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22865-1

Client Sample ID: 95 ARMSBY RD POST

Lab Sample ID: 320-22865-5

Date Collected: 10/19/16 10:52

Matrix: Water

Date Received: 10/20/16 10:00

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/21/16 09:36	10/22/16 15:59	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/21/16 09:36	10/22/16 15:59	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/21/16 09:36	10/22/16 15:59	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/21/16 09:36	10/22/16 15:59	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/21/16 09:36	10/22/16 15:59	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/21/16 09:36	10/22/16 15:59	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
18O2 PFHxS	106		25 - 150				10/21/16 09:36	10/22/16 15:59	1
13C4-PFHxS	121		25 - 150				10/21/16 09:36	10/22/16 15:59	1
13C4 PFOA	120		25 - 150				10/21/16 09:36	10/22/16 15:59	1
13C4 PFOS	109		25 - 150				10/21/16 09:36	10/22/16 15:59	1
13C5 PFNA	115		25 - 150				10/21/16 09:36	10/22/16 15:59	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22865-1

Client Sample ID: 95 ARMSBY RD MID

Lab Sample ID: 320-22865-6

Date Collected: 10/19/16 11:01

Matrix: Water

Date Received: 10/20/16 10:00

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/21/16 09:36	10/22/16 16:17	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/21/16 09:36	10/22/16 16:17	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/21/16 09:36	10/22/16 16:17	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/21/16 09:36	10/22/16 16:17	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/21/16 09:36	10/22/16 16:17	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/21/16 09:36	10/22/16 16:17	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
18O2 PFHxS	99		25 - 150				10/21/16 09:36	10/22/16 16:17	1
13C4-PFHxS	112		25 - 150				10/21/16 09:36	10/22/16 16:17	1
13C4 PFOA	109		25 - 150				10/21/16 09:36	10/22/16 16:17	1
13C4 PFOS	98		25 - 150				10/21/16 09:36	10/22/16 16:17	1
13C5 PFNA	109		25 - 150				10/21/16 09:36	10/22/16 16:17	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22865-1

Client Sample ID: 54 RUSSELL RD POST

Lab Sample ID: 320-22865-9

Date Collected: 10/19/16 12:18

Matrix: Water

Date Received: 10/20/16 10:00

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/21/16 09:36	10/22/16 17:12	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/21/16 09:36	10/22/16 17:12	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/21/16 09:36	10/22/16 17:12	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/21/16 09:36	10/22/16 17:12	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/21/16 09:36	10/22/16 17:12	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/21/16 09:36	10/22/16 17:12	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
18O2 PFHxS	110		25 - 150				10/21/16 09:36	10/22/16 17:12	1
13C4-PFHpa	122		25 - 150				10/21/16 09:36	10/22/16 17:12	1
13C4 PFOA	123		25 - 150				10/21/16 09:36	10/22/16 17:12	1
13C4 PFOS	107		25 - 150				10/21/16 09:36	10/22/16 17:12	1
13C5 PFNA	118		25 - 150				10/21/16 09:36	10/22/16 17:12	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22865-1

Client Sample ID: 54 RUSSELL RD MID

Lab Sample ID: 320-22865-10

Date Collected: 10/19/16 12:24

Matrix: Water

Date Received: 10/20/16 10:00

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/21/16 09:36	10/22/16 17:31	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/21/16 09:36	10/22/16 17:31	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/21/16 09:36	10/22/16 17:31	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/21/16 09:36	10/22/16 17:31	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/21/16 09:36	10/22/16 17:31	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/21/16 09:36	10/22/16 17:31	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	102		25 - 150				10/21/16 09:36	10/22/16 17:31	1
13C4-PFHxS	114		25 - 150				10/21/16 09:36	10/22/16 17:31	1
13C4 PFOA	110		25 - 150				10/21/16 09:36	10/22/16 17:31	1
13C4 PFOS	101		25 - 150				10/21/16 09:36	10/22/16 17:31	1
13C5 PFNA	108		25 - 150				10/21/16 09:36	10/22/16 17:31	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22813-1

Client Sample ID: 71 COONBROOK POST GAC

Lab Sample ID: 320-22813-3

Date Collected: 10/18/16 10:43

Matrix: Water

Date Received: 10/19/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/20/16 13:49	10/21/16 20:24	1
Perfluorohexanesulfonic acid (PFHxS)	ND	*	2.0	0.87	ng/L		10/20/16 13:49	10/21/16 20:24	1
Perfluoroheptanoic acid (PFHpA)	ND	*	2.0	0.80	ng/L		10/20/16 13:49	10/21/16 20:24	1
Perfluorooctanoic acid (PFOA)	ND	*	2.0	0.75	ng/L		10/20/16 13:49	10/21/16 20:24	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/20/16 13:49	10/21/16 20:24	1
Perfluorononanoic acid (PFNA)	ND	*	2.0	0.65	ng/L		10/20/16 13:49	10/21/16 20:24	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
18O2 PFHxS	99		25 - 150				10/20/16 13:49	10/21/16 20:24	1
13C4-PFHpA	110		25 - 150				10/20/16 13:49	10/21/16 20:24	1
13C4 PFOA	107		25 - 150				10/20/16 13:49	10/21/16 20:24	1
13C4 PFOS	98		25 - 150				10/20/16 13:49	10/21/16 20:24	1
13C5 PFNA	104		25 - 150				10/20/16 13:49	10/21/16 20:24	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22813-1

Client Sample ID: 71 COONBROOK MID GAC

Lab Sample ID: 320-22813-4

Date Collected: 10/18/16 10:52

Matrix: Water

Date Received: 10/19/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/20/16 13:49	10/21/16 20:42	1
Perfluorohexanesulfonic acid (PFHxS)	ND	*	2.0	0.87	ng/L		10/20/16 13:49	10/21/16 20:42	1
Perfluoroheptanoic acid (PFHpA)	ND	*	2.0	0.80	ng/L		10/20/16 13:49	10/21/16 20:42	1
Perfluorooctanoic acid (PFOA)	ND	*	2.0	0.75	ng/L		10/20/16 13:49	10/21/16 20:42	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/20/16 13:49	10/21/16 20:42	1
Perfluorononanoic acid (PFNA)	ND	*	2.0	0.65	ng/L		10/20/16 13:49	10/21/16 20:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	104		25 - 150				10/20/16 13:49	10/21/16 20:42	1
13C4-PFHxS	117		25 - 150				10/20/16 13:49	10/21/16 20:42	1
13C4 PFHpA	114		25 - 150				10/20/16 13:49	10/21/16 20:42	1
13C4 PFOA	106		25 - 150				10/20/16 13:49	10/21/16 20:42	1
13C5 PFNA	111		25 - 150				10/20/16 13:49	10/21/16 20:42	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22904-1

Client Sample ID: 30 COONBROOK RD POSTGAC

Lab Sample ID: 320-22904-1

Date Collected: 10/20/16 09:24

Matrix: Water

Date Received: 10/21/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/22/16 13:03	10/23/16 06:40	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/22/16 13:03	10/23/16 06:40	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/22/16 13:03	10/23/16 06:40	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/22/16 13:03	10/23/16 06:40	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/22/16 13:03	10/23/16 06:40	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/22/16 13:03	10/23/16 06:40	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
18O2 PFHxS	122		25 - 150				10/22/16 13:03	10/23/16 06:40	1
13C4-PFHpA	124		25 - 150				10/22/16 13:03	10/23/16 06:40	1
13C4 PFOA	120		25 - 150				10/22/16 13:03	10/23/16 06:40	1
13C4 PFOS	115		25 - 150				10/22/16 13:03	10/23/16 06:40	1
13C5 PFNA	112		25 - 150				10/22/16 13:03	10/23/16 06:40	1

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22904-1

Client Sample ID: 30 COONBROOK RD MIDGAC

Lab Sample ID: 320-22904-2

Date Collected: 10/20/16 09:31

Matrix: Water

Date Received: 10/21/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/22/16 13:03	10/23/16 06:59	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/22/16 13:03	10/23/16 06:59	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/22/16 13:03	10/23/16 06:59	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/22/16 13:03	10/23/16 06:59	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/22/16 13:03	10/23/16 06:59	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/22/16 13:03	10/23/16 06:59	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	123		25 - 150				10/22/16 13:03	10/23/16 06:59	1
13C4-PFHpA	129		25 - 150				10/22/16 13:03	10/23/16 06:59	1
13C4 PFOA	123		25 - 150				10/22/16 13:03	10/23/16 06:59	1
13C4 PFOS	119		25 - 150				10/22/16 13:03	10/23/16 06:59	1
13C5 PFNA	118		25 - 150				10/22/16 13:03	10/23/16 06:59	1

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22904-1

Client Sample ID: 41 STAR RIDGE WAY POSTGAC

Lab Sample ID: 320-22904-3

Date Collected: 10/20/16 10:07

Matrix: Water

Date Received: 10/21/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/26/16 15:23	10/28/16 10:40	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/26/16 15:23	10/28/16 10:40	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/26/16 15:23	10/28/16 10:40	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/26/16 15:23	10/28/16 10:40	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/26/16 15:23	10/28/16 10:40	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/26/16 15:23	10/28/16 10:40	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	119		25 - 150				10/26/16 15:23	10/28/16 10:40	1
13C4-PFHpa	118		25 - 150				10/26/16 15:23	10/28/16 10:40	1
13C4 PFOA	133		25 - 150				10/26/16 15:23	10/28/16 10:40	1
13C4 PFOS	122		25 - 150				10/26/16 15:23	10/28/16 10:40	1
13C5 PFNA	127		25 - 150				10/26/16 15:23	10/28/16 10:40	1

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22904-1

Client Sample ID: 41 STAR RIDGE WAY MIDGAC

Lab Sample ID: 320-22904-4

Date Collected: 10/20/16 10:14

Matrix: Water

Date Received: 10/21/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/22/16 13:03	10/23/16 07:35	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/22/16 13:03	10/23/16 07:35	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/22/16 13:03	10/23/16 07:35	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/22/16 13:03	10/23/16 07:35	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/22/16 13:03	10/23/16 07:35	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/22/16 13:03	10/23/16 07:35	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	119		25 - 150				10/22/16 13:03	10/23/16 07:35	1
13C4-PFHpa	125		25 - 150				10/22/16 13:03	10/23/16 07:35	1
13C4 PFOA	121		25 - 150				10/22/16 13:03	10/23/16 07:35	1
13C4 PFOS	117		25 - 150				10/22/16 13:03	10/23/16 07:35	1
13C5 PFNA	118		25 - 150				10/22/16 13:03	10/23/16 07:35	1

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22904-1

Client Sample ID: 1171 TACONIC TRAIL POSTGAC

Lab Sample ID: 320-22904-9

Date Collected: 10/20/16 12:48

Matrix: Water

Date Received: 10/21/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/22/16 13:03	10/23/16 09:26	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/22/16 13:03	10/23/16 09:26	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/22/16 13:03	10/23/16 09:26	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/22/16 13:03	10/23/16 09:26	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/22/16 13:03	10/23/16 09:26	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/22/16 13:03	10/23/16 09:26	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
18O2 PFHxS	114		25 - 150				10/22/16 13:03	10/23/16 09:26	1
13C4-PFHpa	119		25 - 150				10/22/16 13:03	10/23/16 09:26	1
13C4 PFOA	116		25 - 150				10/22/16 13:03	10/23/16 09:26	1
13C4 PFOS	114		25 - 150				10/22/16 13:03	10/23/16 09:26	1
13C5 PFNA	114		25 - 150				10/22/16 13:03	10/23/16 09:26	1

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22904-1

Client Sample ID: 1171 TACONIC TRAIL MIDGAC

Lab Sample ID: 320-22904-10

Date Collected: 10/20/16 13:06

Matrix: Water

Date Received: 10/21/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/22/16 13:03	10/23/16 09:44	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/22/16 13:03	10/23/16 09:44	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/22/16 13:03	10/23/16 09:44	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/22/16 13:03	10/23/16 09:44	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/22/16 13:03	10/23/16 09:44	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/22/16 13:03	10/23/16 09:44	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
18O2 PFHxS	116		25 - 150				10/22/16 13:03	10/23/16 09:44	1
13C4-PFHpA	123		25 - 150				10/22/16 13:03	10/23/16 09:44	1
13C4 PFOA	117		25 - 150				10/22/16 13:03	10/23/16 09:44	1
13C4 PFOS	115		25 - 150				10/22/16 13:03	10/23/16 09:44	1
13C5 PFNA	111		25 - 150				10/22/16 13:03	10/23/16 09:44	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22904-1

Client Sample ID: 1108 TACONIC TRAIL POSTGAC

Lab Sample ID: 320-22904-7

Date Collected: 10/20/16 12:03

Matrix: Water

Date Received: 10/21/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/22/16 13:03	10/23/16 08:31	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/22/16 13:03	10/23/16 08:31	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/22/16 13:03	10/23/16 08:31	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/22/16 13:03	10/23/16 08:31	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/22/16 13:03	10/23/16 08:31	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/22/16 13:03	10/23/16 08:31	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	119		25 - 150				10/22/16 13:03	10/23/16 08:31	1
13C4-PFHpa	125		25 - 150				10/22/16 13:03	10/23/16 08:31	1
13C4 PFOA	120		25 - 150				10/22/16 13:03	10/23/16 08:31	1
13C4 PFOS	117		25 - 150				10/22/16 13:03	10/23/16 08:31	1
13C5 PFNA	116		25 - 150				10/22/16 13:03	10/23/16 08:31	1

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22904-1

Client Sample ID: 1108 TACONIC TRAIL MIDGAC

Lab Sample ID: 320-22904-8

Date Collected: 10/20/16 12:09

Matrix: Water

Date Received: 10/21/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/22/16 13:03	10/23/16 09:07	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/22/16 13:03	10/23/16 09:07	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/22/16 13:03	10/23/16 09:07	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/22/16 13:03	10/23/16 09:07	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/22/16 13:03	10/23/16 09:07	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/22/16 13:03	10/23/16 09:07	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
18O2 PFHxS	126		25 - 150				10/22/16 13:03	10/23/16 09:07	1
13C4-PFHpa	131		25 - 150				10/22/16 13:03	10/23/16 09:07	1
13C4 PFOA	124		25 - 150				10/22/16 13:03	10/23/16 09:07	1
13C4 PFOS	124		25 - 150				10/22/16 13:03	10/23/16 09:07	1
13C5 PFNA	123		25 - 150				10/22/16 13:03	10/23/16 09:07	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22904-1

Client Sample ID: 25 HILL HOLLOW RD POSTGAC

Lab Sample ID: 320-22904-5

Date Collected: 10/20/16 11:04

Matrix: Water

Date Received: 10/21/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/22/16 13:03	10/23/16 07:54	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/22/16 13:03	10/23/16 07:54	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/22/16 13:03	10/23/16 07:54	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/22/16 13:03	10/23/16 07:54	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/22/16 13:03	10/23/16 07:54	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/22/16 13:03	10/23/16 07:54	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
18O2 PFHxS	120		25 - 150				10/22/16 13:03	10/23/16 07:54	1
13C4-PFHpa	130		25 - 150				10/22/16 13:03	10/23/16 07:54	1
13C4 PFOA	123		25 - 150				10/22/16 13:03	10/23/16 07:54	1
13C4 PFOS	118		25 - 150				10/22/16 13:03	10/23/16 07:54	1
13C5 PFNA	119		25 - 150				10/22/16 13:03	10/23/16 07:54	1

TestAmerica Sacramento

Client Sample Results

Client: Tonoga Inc dba Taconic
Project/Site: Petersburg, NY

TestAmerica Job ID: 320-22904-1

Client Sample ID: 25 HILL HOLLOW RD MIDGAC

Lab Sample ID: 320-22904-6

Date Collected: 10/20/16 11:10

Matrix: Water

Date Received: 10/21/16 09:35

Method: PFAS - Perfluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		10/22/16 13:03	10/23/16 08:12	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		10/22/16 13:03	10/23/16 08:12	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/22/16 13:03	10/23/16 08:12	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		10/22/16 13:03	10/23/16 08:12	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/22/16 13:03	10/23/16 08:12	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		10/22/16 13:03	10/23/16 08:12	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	116		25 - 150				10/22/16 13:03	10/23/16 08:12	1
13C4-PFHxS	118		25 - 150				10/22/16 13:03	10/23/16 08:12	1
13C4 PFOA	115		25 - 150				10/22/16 13:03	10/23/16 08:12	1
13C4 PFOS	113		25 - 150				10/22/16 13:03	10/23/16 08:12	1
13C5 PFNA	112		25 - 150				10/22/16 13:03	10/23/16 08:12	1