

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

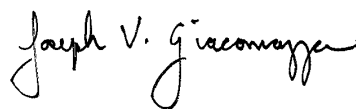
Laboratory Job ID: 320-58645-1

Client Project/Site: Stewart ANGB - Butterhill #336089

For:

New York State D.E.C.
625 Broadway
12th Floor
Albany, New York 12233-7017

Attn: Mr. Dave Chiusano



Authorized for release by:

2/25/2020 4:03:18 PM

Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

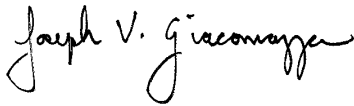
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
2/25/2020 4:03:18 PM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	9
Isotope Dilution Summary	33
QC Sample Results	36
QC Association Summary	44
Lab Chronicle	46
Certification Summary	50
Method Summary	51
Sample Summary	52
Chain of Custody	53
Receipt Checklists	56



Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Job ID: 320-58645-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-58645-1

Comments

No additional comments.

Receipt

The samples were received on 2/15/2020 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.2° C and 0.9° C.

LCMS

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

Organic Prep

Method 3535: The following samples were observed to contain Trizma: BH20200214PRE-GAC (320-58645-1), BH20200214POST-GAC (320-58645-2), BH20200214POST-GAC (320-58645-2[MS]), BH20200214POST-GAC (320-58645-2[MSD]), BH20200214-GACDUP (320-58645-3), BH20200214-1North-25 (320-58645-4), BH20200214-1North-50 (320-58645-5), BH20200214-1North-75 (320-58645-6), BH20200214-2North-25 (320-58645-7), BH20200214-2North-50 (320-58645-8), BH20200214-2North-75 (320-58645-9), BH20200214-3North-25 (320-58645-10), BH20200214-3North-50 (320-58645-11), BH20200214-3North-75 (320-58645-12), BH20200214-1RAW (320-58645-13), BH20200214-2RAW (320-58645-14), BH20200214-3RAW (320-58645-15), BH20200214-1S-25 (320-58645-16), BH20200214-1S-50 (320-58645-17), BH20200214-1S-75 (320-58645-18), BH20200214-2S-25 (320-58645-19) and BH20200214-2S-50 (320-58645-20). The MB and LCS also contain Trizma.

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-358414.

Method 3535: The following samples were observed to contain Trizma prior to extraction: BH20200214-2S-75 (320-58645-21), BH20200214-3S-25 (320-58645-22), BH20200214-3S-50 (320-58645-23) and BH20200214-3S-75 (320-58645-24). The MB, LCS, LCSD also contain Trizma.

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

Detection Summary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214PRE-GAC

Lab Sample ID: 320-58645-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.0		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	6.1		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	3.7		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.2		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.3		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.4		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.8		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214POST-GAC

Lab Sample ID: 320-58645-2

No Detections.

Client Sample ID: BH20200214-GACDUP

Lab Sample ID: 320-58645-3

No Detections.

Client Sample ID: BH20200214-1North-25

Lab Sample ID: 320-58645-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.4		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	5.3		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.9		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.9		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-1North-50

Lab Sample ID: 320-58645-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.6		1.8		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	4.4		1.8		ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.8		1.8		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-1North-75

Lab Sample ID: 320-58645-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.3		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	2.3		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-2North-25

Lab Sample ID: 320-58645-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.7		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	5.3		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	3.1		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	2.7		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.3		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-2North-50

Lab Sample ID: 320-58645-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.0		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	4.5		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.5		1.9		ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-2North-75

Lab Sample ID: 320-58645-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.2		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	2.6		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-3North-25

Lab Sample ID: 320-58645-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.9		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	5.0		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.8		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	2.3		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.9		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-3North-50

Lab Sample ID: 320-58645-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.8		1.8		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	4.2		1.8		ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.1		1.8		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-3North-75

Lab Sample ID: 320-58645-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.4		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	2.2		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-1RAW

Lab Sample ID: 320-58645-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	5.3		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	2.5		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.9		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.1		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.4		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.1		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.6		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-2RAW

Lab Sample ID: 320-58645-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.9		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	5.9		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	3.6		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.2		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.9		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.5		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.7		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-3RAW

Lab Sample ID: 320-58645-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.7		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	5.3		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	3.7		1.9		ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.9		1.9		ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-3RAW (Continued)

Lab Sample ID: 320-58645-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	3.6		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.8		1.9		ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	6.0		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-1S-25

Lab Sample ID: 320-58645-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.0		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-1S-50

Lab Sample ID: 320-58645-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.1		1.8		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-1S-75

Lab Sample ID: 320-58645-18

No Detections.

Client Sample ID: BH20200214-2S-25

Lab Sample ID: 320-58645-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.3		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-2S-50

Lab Sample ID: 320-58645-20

No Detections.

Client Sample ID: BH20200214-2S-75

Lab Sample ID: 320-58645-21

No Detections.

Client Sample ID: BH20200214-3S-25

Lab Sample ID: 320-58645-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.8		1.9		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-3S-50

Lab Sample ID: 320-58645-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.0		1.8		ng/L	1		537 (modified)	Total/NA

Client Sample ID: BH20200214-3S-75

Lab Sample ID: 320-58645-24

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214PRE-GAC

Lab Sample ID: 320-58645-1

Date Collected: 02/14/20 09:49

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.0		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluoropentanoic acid (PFPeA)	6.1		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorohexanoic acid (PFHxA)	3.7		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluoroheptanoic acid (PFHpA)	2.2		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorooctanoic acid (PFOA)	3.3		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorohexanesulfonic acid (PFHxS)	3.4		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorooctanesulfonic acid (PFOS)	2.8		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 18:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 18:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 18:25	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 18:25	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 18:25	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	78		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C5 PFPeA	84		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C2 PFHxA	87		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C4 PFHpA	99		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C4 PFOA	98		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C5 PFNA	94		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C2 PFDA	97		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C2 PFUnA	82		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C2 PFDoA	80		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C2 PFTeDA	92		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C3 PFBS	80		25 - 150	02/19/20 05:19	02/19/20 18:25	1
18O2 PFHxS	88		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C4 PFOS	80		25 - 150	02/19/20 05:19	02/19/20 18:25	1
13C8 FOSA	79		25 - 150	02/19/20 05:19	02/19/20 18:25	1
d3-NMeFOSAA	71		25 - 150	02/19/20 05:19	02/19/20 18:25	1
d5-NEtFOSAA	73		25 - 150	02/19/20 05:19	02/19/20 18:25	1
M2-6:2 FTS	98		25 - 150	02/19/20 05:19	02/19/20 18:25	1
M2-8:2 FTS	82		25 - 150	02/19/20 05:19	02/19/20 18:25	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214POST-GAC

Lab Sample ID: 320-58645-2

Date Collected: 02/14/20 09:36

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluoropentanoic acid (PFPeA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorohexanoic acid (PFHxA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 18:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 18:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 18:34	1
6:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 18:34	1
8:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 18:34	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C5 PFPeA	85		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C2 PFHxA	86		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C4 PFHpA	93		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C4 PFOA	98		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C5 PFNA	92		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C2 PFDA	92		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C2 PFUnA	88		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C2 PFDoA	73		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C2 PFTeDA	84		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C3 PFBS	79		25 - 150	02/19/20 05:19	02/19/20 18:34	1
18O2 PFHxS	84		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C4 PFOS	79		25 - 150	02/19/20 05:19	02/19/20 18:34	1
13C8 FOSA	79		25 - 150	02/19/20 05:19	02/19/20 18:34	1
d3-NMeFOSAA	70		25 - 150	02/19/20 05:19	02/19/20 18:34	1
d5-NEtFOSAA	70		25 - 150	02/19/20 05:19	02/19/20 18:34	1
M2-6:2 FTS	90		25 - 150	02/19/20 05:19	02/19/20 18:34	1
M2-8:2 FTS	81		25 - 150	02/19/20 05:19	02/19/20 18:34	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-GACDUP

Lab Sample ID: 320-58645-3

Date Collected: 02/14/20 09:36

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluoropentanoic acid (PFPeA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorohexanoic acid (PFHxA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:02	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 19:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 19:02	1
6:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 19:02	1
8:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 19:02	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C5 PFPeA	92		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C2 PFHxA	93		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C4 PFHpA	97		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C4 PFOA	101		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C5 PFNA	101		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C2 PFDA	94		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C2 PFUnA	75		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C2 PFDoA	95		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C2 PFTeDA	91		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C3 PFBS	88		25 - 150	02/19/20 05:19	02/19/20 19:02	1
18O2 PFHxS	95		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C4 PFOS	85		25 - 150	02/19/20 05:19	02/19/20 19:02	1
13C8 FOSA	86		25 - 150	02/19/20 05:19	02/19/20 19:02	1
d3-NMeFOSAA	76		25 - 150	02/19/20 05:19	02/19/20 19:02	1
d5-NEtFOSAA	76		25 - 150	02/19/20 05:19	02/19/20 19:02	1
M2-6:2 FTS	101		25 - 150	02/19/20 05:19	02/19/20 19:02	1
M2-8:2 FTS	84		25 - 150	02/19/20 05:19	02/19/20 19:02	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-1North-25

Lab Sample ID: 320-58645-4

Date Collected: 02/14/20 10:07

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.4		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluoropentanoic acid (PFPeA)	5.3		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorohexanoic acid (PFHxA)	2.9		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorohexanesulfonic acid (PFHxS)	1.9		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 19:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 19:11	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 19:11	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 19:11	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	83		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C5 PFPeA	85		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C2 PFHxA	88		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C4 PFHpA	95		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C4 PFOA	105		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C5 PFNA	98		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C2 PFDA	83		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C2 PFUnA	75		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C2 PFDoA	85		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C2 PFTeDA	87		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C3 PFBS	81		25 - 150	02/19/20 05:19	02/19/20 19:11	1
18O2 PFHxS	89		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C4 PFOS	81		25 - 150	02/19/20 05:19	02/19/20 19:11	1
13C8 FOSA	83		25 - 150	02/19/20 05:19	02/19/20 19:11	1
d3-NMeFOSAA	70		25 - 150	02/19/20 05:19	02/19/20 19:11	1
d5-NEtFOSAA	70		25 - 150	02/19/20 05:19	02/19/20 19:11	1
M2-6:2 FTS	94		25 - 150	02/19/20 05:19	02/19/20 19:11	1
M2-8:2 FTS	80		25 - 150	02/19/20 05:19	02/19/20 19:11	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-1North-50

Lab Sample ID: 320-58645-5

Date Collected: 02/14/20 10:09

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.6		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluoropentanoic acid (PFPeA)	4.4		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorohexanoic acid (PFHxA)	1.8		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 19:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 19:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 19:20	1
6:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 19:20	1
8:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 19:20	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C5 PFPeA	82		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C2 PFHxA	87		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C4 PFHpA	91		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C4 PFOA	94		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C5 PFNA	95		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C2 PFDA	87		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C2 PFUnA	84		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C2 PFDoA	85		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C2 PFTeA	82		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C3 PFBS	80		25 - 150	02/19/20 05:19	02/19/20 19:20	1
18O2 PFHxS	89		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C4 PFOS	81		25 - 150	02/19/20 05:19	02/19/20 19:20	1
13C8 FOSA	82		25 - 150	02/19/20 05:19	02/19/20 19:20	1
d3-NMeFOSAA	73		25 - 150	02/19/20 05:19	02/19/20 19:20	1
d5-NEtFOSAA	72		25 - 150	02/19/20 05:19	02/19/20 19:20	1
M2-6:2 FTS	93		25 - 150	02/19/20 05:19	02/19/20 19:20	1
M2-8:2 FTS	82		25 - 150	02/19/20 05:19	02/19/20 19:20	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-1North-75

Lab Sample ID: 320-58645-6

Date Collected: 02/14/20 10:11

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.3		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluoropentanoic acid (PFPeA)	2.3		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorohexanoic acid (PFHxA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 19:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 19:29	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 19:29	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 19:29	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	92		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C5 PFPeA	88		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C2 PFHxA	94		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C4 PFHpA	100		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C4 PFOA	99		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C5 PFNA	94		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C2 PFDA	86		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C2 PFUnA	96		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C2 PFDoA	88		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C2 PFTeDA	108		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C3 PFBS	86		25 - 150	02/19/20 05:19	02/19/20 19:29	1
18O2 PFHxS	93		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C4 PFOS	85		25 - 150	02/19/20 05:19	02/19/20 19:29	1
13C8 FOSA	86		25 - 150	02/19/20 05:19	02/19/20 19:29	1
d3-NMeFOSAA	74		25 - 150	02/19/20 05:19	02/19/20 19:29	1
d5-NEtFOSAA	75		25 - 150	02/19/20 05:19	02/19/20 19:29	1
M2-6:2 FTS	98		25 - 150	02/19/20 05:19	02/19/20 19:29	1
M2-8:2 FTS	85		25 - 150	02/19/20 05:19	02/19/20 19:29	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-2North-25

Lab Sample ID: 320-58645-7

Date Collected: 02/14/20 10:41

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.7		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluoropentanoic acid (PFPeA)	5.3		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorohexanoic acid (PFHxA)	3.1		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorooctanoic acid (PFOA)	2.7		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorohexanesulfonic acid (PFHxS)	2.3		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 19:57	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 19:57	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 19:57	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 19:57	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 19:57	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C5 PFPeA	90		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C2 PFHxA	87		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C4 PFHpA	101		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C4 PFOA	98		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C5 PFNA	108		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C2 PFDA	88		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C2 PFUnA	87		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C2 PFDoA	92		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C2 PFTeDA	96		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C3 PFBS	84		25 - 150	02/19/20 05:19	02/19/20 19:57	1
18O2 PFHxS	93		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C4 PFOS	83		25 - 150	02/19/20 05:19	02/19/20 19:57	1
13C8 FOSA	83		25 - 150	02/19/20 05:19	02/19/20 19:57	1
d3-NMeFOSAA	79		25 - 150	02/19/20 05:19	02/19/20 19:57	1
d5-NEtFOSAA	76		25 - 150	02/19/20 05:19	02/19/20 19:57	1
M2-6:2 FTS	101		25 - 150	02/19/20 05:19	02/19/20 19:57	1
M2-8:2 FTS	84		25 - 150	02/19/20 05:19	02/19/20 19:57	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-2North-50

Lab Sample ID: 320-58645-8

Date Collected: 02/14/20 10:43

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.0		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluoropentanoic acid (PFPeA)	4.5		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorohexanoic acid (PFHxA)	2.5		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 20:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 20:06	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 20:06	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 20:06	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	87		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C5 PFPeA	87		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C2 PFHxA	86		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C4 PFHpA	99		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C4 PFOA	98		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C5 PFNA	91		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C2 PFDA	91		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C2 PFUnA	80		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C2 PFDoA	84		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C2 PFTeDA	94		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C3 PFBS	83		25 - 150	02/19/20 05:19	02/19/20 20:06	1
18O2 PFHxS	90		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C4 PFOS	83		25 - 150	02/19/20 05:19	02/19/20 20:06	1
13C8 FOSA	82		25 - 150	02/19/20 05:19	02/19/20 20:06	1
d3-NMeFOSAA	74		25 - 150	02/19/20 05:19	02/19/20 20:06	1
d5-NEtFOSAA	71		25 - 150	02/19/20 05:19	02/19/20 20:06	1
M2-6:2 FTS	98		25 - 150	02/19/20 05:19	02/19/20 20:06	1
M2-8:2 FTS	82		25 - 150	02/19/20 05:19	02/19/20 20:06	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-2North-75

Lab Sample ID: 320-58645-9

Date Collected: 02/14/20 10:44

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.2		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluoropentanoic acid (PFPeA)	2.6		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorohexanoic acid (PFHxA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 20:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 20:15	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 20:15	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 20:15	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C5 PFPeA	86		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C2 PFHxA	86		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C4 PFHpA	95		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C4 PFOA	94		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C5 PFNA	91		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C2 PFDA	83		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C2 PFUnA	76		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C2 PFDoA	94		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C2 PFTeDA	96		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C3 PFBS	82		25 - 150	02/19/20 05:19	02/19/20 20:15	1
18O2 PFHxS	88		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C4 PFOS	80		25 - 150	02/19/20 05:19	02/19/20 20:15	1
13C8 FOSA	81		25 - 150	02/19/20 05:19	02/19/20 20:15	1
d3-NMeFOSAA	72		25 - 150	02/19/20 05:19	02/19/20 20:15	1
d5-NEtFOSAA	72		25 - 150	02/19/20 05:19	02/19/20 20:15	1
M2-6:2 FTS	97		25 - 150	02/19/20 05:19	02/19/20 20:15	1
M2-8:2 FTS	82		25 - 150	02/19/20 05:19	02/19/20 20:15	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-3North-25

Lab Sample ID: 320-58645-10

Date Collected: 02/14/20 11:14

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.9		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluoropentanoic acid (PFPeA)	5.0		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorohexanoic acid (PFHxA)	2.8		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorooctanoic acid (PFOA)	2.3		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorohexanesulfonic acid (PFHxS)	1.9		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 20:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 20:24	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 20:24	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 20:24	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C5 PFPeA	89		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C2 PFHxA	91		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C4 PFHpA	98		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C4 PFOA	95		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C5 PFNA	100		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C2 PFDA	99		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C2 PFUnA	101		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C2 PFDoA	87		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C2 PFTeDA	97		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C3 PFBS	84		25 - 150	02/19/20 05:19	02/19/20 20:24	1
18O2 PFHxS	92		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C4 PFOS	83		25 - 150	02/19/20 05:19	02/19/20 20:24	1
13C8 FOSA	85		25 - 150	02/19/20 05:19	02/19/20 20:24	1
d3-NMeFOSAA	78		25 - 150	02/19/20 05:19	02/19/20 20:24	1
d5-NEtFOSAA	75		25 - 150	02/19/20 05:19	02/19/20 20:24	1
M2-6:2 FTS	103		25 - 150	02/19/20 05:19	02/19/20 20:24	1
M2-8:2 FTS	85		25 - 150	02/19/20 05:19	02/19/20 20:24	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-3North-50

Lab Sample ID: 320-58645-11

Date Collected: 02/14/20 11:14

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.8		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluoropentanoic acid (PFPeA)	4.2		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorohexanoic acid (PFHxA)	2.1		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 20:33	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 20:33	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 20:33	1
6:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 20:33	1
8:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 20:33	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	83		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C5 PFPeA	82		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C2 PFHxA	84		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C4 PFHpA	96		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C4 PFOA	94		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C5 PFNA	94		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C2 PFDA	86		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C2 PFUnA	90		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C2 PFDoA	78		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C2 PFTeDA	98		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C3 PFBS	79		25 - 150	02/19/20 05:19	02/19/20 20:33	1
18O2 PFHxS	84		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C4 PFOS	76		25 - 150	02/19/20 05:19	02/19/20 20:33	1
13C8 FOSA	77		25 - 150	02/19/20 05:19	02/19/20 20:33	1
d3-NMeFOSAA	69		25 - 150	02/19/20 05:19	02/19/20 20:33	1
d5-NEtFOSAA	68		25 - 150	02/19/20 05:19	02/19/20 20:33	1
M2-6:2 FTS	90		25 - 150	02/19/20 05:19	02/19/20 20:33	1
M2-8:2 FTS	75		25 - 150	02/19/20 05:19	02/19/20 20:33	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-3North-75

Lab Sample ID: 320-58645-12

Date Collected: 02/14/20 11:19

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.4		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluoropentanoic acid (PFPeA)	2.2		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorohexanoic acid (PFHxA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 20:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 20:42	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 20:42	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 20:42	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	92		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C5 PFPeA	89		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C2 PFHxA	92		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C4 PFHpA	101		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C4 PFOA	101		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C5 PFNA	97		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C2 PFDA	93		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C2 PFUnA	92		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C2 PFDoA	86		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C2 PFTeDA	81		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C3 PFBS	83		25 - 150	02/19/20 05:19	02/19/20 20:42	1
18O2 PFHxS	93		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C4 PFOS	82		25 - 150	02/19/20 05:19	02/19/20 20:42	1
13C8 FOSA	83		25 - 150	02/19/20 05:19	02/19/20 20:42	1
d3-NMeFOSAA	75		25 - 150	02/19/20 05:19	02/19/20 20:42	1
d5-NEtFOSAA	73		25 - 150	02/19/20 05:19	02/19/20 20:42	1
M2-6:2 FTS	96		25 - 150	02/19/20 05:19	02/19/20 20:42	1
M2-8:2 FTS	84		25 - 150	02/19/20 05:19	02/19/20 20:42	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-1RAW

Lab Sample ID: 320-58645-13

Date Collected: 02/14/20 12:20

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	5.3		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluoropentanoic acid (PFPeA)	2.5		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorohexanoic acid (PFHxA)	1.9		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorooctanoic acid (PFOA)	3.1		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorobutanesulfonic acid (PFBS)	2.4		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorohexanesulfonic acid (PFHxS)	3.1		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorooctanesulfonic acid (PFOS)	3.6		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 20:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 20:52	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 20:52	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 20:52	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 20:52	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	80		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C5 PFPeA	86		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C2 PFHxA	88		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C4 PFHpA	96		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C4 PFOA	99		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C5 PFNA	96		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C2 PFDA	91		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C2 PFUnA	89		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C2 PFDoA	84		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C2 PFTeDA	89		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C3 PFBS	82		25 - 150	02/19/20 05:19	02/19/20 20:52	1
18O2 PFHxS	91		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C4 PFOS	80		25 - 150	02/19/20 05:19	02/19/20 20:52	1
13C8 FOSA	82		25 - 150	02/19/20 05:19	02/19/20 20:52	1
d3-NMeFOSAA	68		25 - 150	02/19/20 05:19	02/19/20 20:52	1
d5-NEtFOSAA	71		25 - 150	02/19/20 05:19	02/19/20 20:52	1
M2-6:2 FTS	98		25 - 150	02/19/20 05:19	02/19/20 20:52	1
M2-8:2 FTS	83		25 - 150	02/19/20 05:19	02/19/20 20:52	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-2RAW

Lab Sample ID: 320-58645-14

Date Collected: 02/14/20 12:03

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.9		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluoropentanoic acid (PFPeA)	5.9		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorohexanoic acid (PFHxA)	3.6		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluoroheptanoic acid (PFHpA)	2.2		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorooctanoic acid (PFOA)	3.9		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorohexanesulfonic acid (PFHxS)	3.5		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorooctanesulfonic acid (PFOS)	2.7		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 21:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 21:01	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 21:01	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 21:01	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	75		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C5 PFPeA	81		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C2 PFHxA	86		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C4 PFHpA	89		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C4 PFOA	91		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C5 PFNA	90		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C2 PFDA	85		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C2 PFUnA	72		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C2 PFDoA	87		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C2 PFTeDA	79		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C3 PFBS	78		25 - 150	02/19/20 05:19	02/19/20 21:01	1
18O2 PFHxS	86		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C4 PFOS	75		25 - 150	02/19/20 05:19	02/19/20 21:01	1
13C8 FOSA	76		25 - 150	02/19/20 05:19	02/19/20 21:01	1
d3-NMeFOSAA	63		25 - 150	02/19/20 05:19	02/19/20 21:01	1
d5-NEtFOSAA	64		25 - 150	02/19/20 05:19	02/19/20 21:01	1
M2-6:2 FTS	93		25 - 150	02/19/20 05:19	02/19/20 21:01	1
M2-8:2 FTS	75		25 - 150	02/19/20 05:19	02/19/20 21:01	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-3RAW

Lab Sample ID: 320-58645-15

Date Collected: 02/14/20 12:38

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.7		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluoropentanoic acid (PFPeA)	5.3		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorohexanoic acid (PFHxA)	3.7		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluoroheptanoic acid (PFHpA)	1.9		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorooctanoic acid (PFOA)	3.6		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorohexanesulfonic acid (PFHxS)	3.8		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorooctanesulfonic acid (PFOS)	6.0		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 21:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 21:10	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 21:10	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 21:10	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	76		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C5 PFPeA	84		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C2 PFHxA	90		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C4 PFHpA	99		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C4 PFOA	95		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C5 PFNA	93		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C2 PFDA	89		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C2 PFUnA	78		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C2 PFDoA	89		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C2 PFTeDA	80		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C3 PFBS	83		25 - 150	02/19/20 05:19	02/19/20 21:10	1
18O2 PFHxS	89		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C4 PFOS	82		25 - 150	02/19/20 05:19	02/19/20 21:10	1
13C8 FOSA	81		25 - 150	02/19/20 05:19	02/19/20 21:10	1
d3-NMeFOSAA	68		25 - 150	02/19/20 05:19	02/19/20 21:10	1
d5-NEtFOSAA	69		25 - 150	02/19/20 05:19	02/19/20 21:10	1
M2-6:2 FTS	102		25 - 150	02/19/20 05:19	02/19/20 21:10	1
M2-8:2 FTS	82		25 - 150	02/19/20 05:19	02/19/20 21:10	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-1S-25

Lab Sample ID: 320-58645-16

Date Collected: 02/14/20 10:25

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.0		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluoropentanoic acid (PFPeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorohexanoic acid (PFHxA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 21:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 21:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 21:19	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 21:19	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 21:19	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C5 PFPeA	83		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C2 PFHxA	84		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C4 PFHpA	96		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C4 PFOA	100		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C5 PFNA	91		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C2 PFDA	87		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C2 PFUnA	80		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C2 PFDoA	89		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C2 PFTeA	90		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C3 PFBS	79		25 - 150	02/19/20 05:19	02/19/20 21:19	1
18O2 PFHxS	86		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C4 PFOS	75		25 - 150	02/19/20 05:19	02/19/20 21:19	1
13C8 FOSA	80		25 - 150	02/19/20 05:19	02/19/20 21:19	1
d3-NMeFOSAA	70		25 - 150	02/19/20 05:19	02/19/20 21:19	1
d5-NEtFOSAA	67		25 - 150	02/19/20 05:19	02/19/20 21:19	1
M2-6:2 FTS	100		25 - 150	02/19/20 05:19	02/19/20 21:19	1
M2-8:2 FTS	80		25 - 150	02/19/20 05:19	02/19/20 21:19	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-1S-50

Lab Sample ID: 320-58645-17

Date Collected: 02/14/20 10:27

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.1		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluoropentanoic acid (PFPeA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorohexanoic acid (PFHxA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 21:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 21:46	1
6:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 21:46	1
8:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 21:46	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	87		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C5 PFPeA	82		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C2 PFHxA	83		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C4 PFHpA	92		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C4 PFOA	98		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C5 PFNA	92		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C2 PFDA	82		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C2 PFUnA	77		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C2 PFDoA	83		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C2 PFTeDA	95		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C3 PFBS	79		25 - 150	02/19/20 05:19	02/19/20 21:46	1
18O2 PFHxS	85		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C4 PFOS	76		25 - 150	02/19/20 05:19	02/19/20 21:46	1
13C8 FOSA	78		25 - 150	02/19/20 05:19	02/19/20 21:46	1
d3-NMeFOSAA	70		25 - 150	02/19/20 05:19	02/19/20 21:46	1
d5-NEtFOSAA	71		25 - 150	02/19/20 05:19	02/19/20 21:46	1
M2-6:2 FTS	107		25 - 150	02/19/20 05:19	02/19/20 21:46	1
M2-8:2 FTS	79		25 - 150	02/19/20 05:19	02/19/20 21:46	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-1S-75

Lab Sample ID: 320-58645-18

Date Collected: 02/14/20 10:29

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluoropentanoic acid (PFPeA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorohexanoic acid (PFHxA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8		ng/L		02/19/20 05:19	02/19/20 21:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 21:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18		ng/L		02/19/20 05:19	02/19/20 21:55	1
6:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 21:55	1
8:2 FTS	ND		18		ng/L		02/19/20 05:19	02/19/20 21:55	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	91		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C5 PFPeA	85		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C2 PFHxA	88		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C4 PFHpA	99		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C4 PFOA	95		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C5 PFNA	97		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C2 PFDA	97		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C2 PFUnA	84		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C2 PFDoA	83		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C2 PFTeDA	102		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C3 PFBS	83		25 - 150				02/19/20 05:19	02/19/20 21:55	1
18O2 PFHxS	92		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C4 PFOS	81		25 - 150				02/19/20 05:19	02/19/20 21:55	1
13C8 FOSA	85		25 - 150				02/19/20 05:19	02/19/20 21:55	1
d3-NMeFOSAA	74		25 - 150				02/19/20 05:19	02/19/20 21:55	1
d5-NEtFOSAA	73		25 - 150				02/19/20 05:19	02/19/20 21:55	1
M2-6:2 FTS	91		25 - 150				02/19/20 05:19	02/19/20 21:55	1
M2-8:2 FTS	81		25 - 150				02/19/20 05:19	02/19/20 21:55	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-2S-25

Lab Sample ID: 320-58645-19

Date Collected: 02/14/20 10:56

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.3		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluoropentanoic acid (PFPeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorohexanoic acid (PFHxA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 22:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 22:05	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 22:05	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 22:05	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C5 PFPeA	83		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C2 PFHxA	87		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C4 PFHpA	94		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C4 PFOA	96		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C5 PFNA	99		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C2 PFDA	86		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C2 PFUnA	78		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C2 PFDoA	93		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C2 PFTeDA	78		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C3 PFBS	82		25 - 150	02/19/20 05:19	02/19/20 22:05	1
18O2 PFHxS	92		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C4 PFOS	81		25 - 150	02/19/20 05:19	02/19/20 22:05	1
13C8 FOSA	81		25 - 150	02/19/20 05:19	02/19/20 22:05	1
d3-NMeFOSAA	72		25 - 150	02/19/20 05:19	02/19/20 22:05	1
d5-NEtFOSAA	69		25 - 150	02/19/20 05:19	02/19/20 22:05	1
M2-6:2 FTS	93		25 - 150	02/19/20 05:19	02/19/20 22:05	1
M2-8:2 FTS	79		25 - 150	02/19/20 05:19	02/19/20 22:05	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-2S-50

Lab Sample ID: 320-58645-20

Date Collected: 02/14/20 10:58

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluoropentanoic acid (PFPeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorohexanoic acid (PFHxA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:19	02/19/20 22:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 22:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:19	02/19/20 22:14	1
6:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 22:14	1
8:2 FTS	ND		19		ng/L		02/19/20 05:19	02/19/20 22:14	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	96		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C5 PFPeA	92		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C2 PFHxA	94		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C4 PFHpA	106		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C4 PFOA	102		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C5 PFNA	101		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C2 PFDA	97		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C2 PFUnA	94		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C2 PFDoA	86		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C2 PFTeDA	110		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C3 PFBS	87		25 - 150	02/19/20 05:19	02/19/20 22:14	1
18O2 PFHxS	96		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C4 PFOS	82		25 - 150	02/19/20 05:19	02/19/20 22:14	1
13C8 FOSA	85		25 - 150	02/19/20 05:19	02/19/20 22:14	1
d3-NMeFOSAA	78		25 - 150	02/19/20 05:19	02/19/20 22:14	1
d5-NEtFOSAA	76		25 - 150	02/19/20 05:19	02/19/20 22:14	1
M2-6:2 FTS	101		25 - 150	02/19/20 05:19	02/19/20 22:14	1
M2-8:2 FTS	84		25 - 150	02/19/20 05:19	02/19/20 22:14	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-2S-75

Lab Sample ID: 320-58645-21

Date Collected: 02/14/20 10:58

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluoropentanoic acid (PFPeA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorohexanoic acid (PFHxA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8		ng/L		02/19/20 05:24	02/20/20 16:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18		ng/L		02/19/20 05:24	02/20/20 16:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18		ng/L		02/19/20 05:24	02/20/20 16:03	1
6:2 FTS	ND		18		ng/L		02/19/20 05:24	02/20/20 16:03	1
8:2 FTS	ND		18		ng/L		02/19/20 05:24	02/20/20 16:03	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	101		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C5 PFPeA	99		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C2 PFHxA	101		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C4 PFHpA	101		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C4 PFOA	97		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C5 PFNA	98		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C2 PFDA	95		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C2 PFUnA	97		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C2 PFDoA	99		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C2 PFTeDA	99		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C3 PFBS	93		25 - 150	02/19/20 05:24	02/20/20 16:03	1
18O2 PFHxS	92		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C4 PFOS	97		25 - 150	02/19/20 05:24	02/20/20 16:03	1
13C8 FOSA	103		25 - 150	02/19/20 05:24	02/20/20 16:03	1
d3-NMeFOSAA	105		25 - 150	02/19/20 05:24	02/20/20 16:03	1
d5-NEtFOSAA	109		25 - 150	02/19/20 05:24	02/20/20 16:03	1
M2-6:2 FTS	103		25 - 150	02/19/20 05:24	02/20/20 16:03	1
M2-8:2 FTS	101		25 - 150	02/19/20 05:24	02/20/20 16:03	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-3S-25

Lab Sample ID: 320-58645-22

Date Collected: 02/14/20 11:30

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.8		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluoropentanoic acid (PFPeA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorohexanoic acid (PFHxA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 19:45	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:24	02/19/20 19:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:24	02/19/20 19:45	1
6:2 FTS	ND		19		ng/L		02/19/20 05:24	02/19/20 19:45	1
8:2 FTS	ND		19		ng/L		02/19/20 05:24	02/19/20 19:45	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	100		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C5 PFPeA	100		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C2 PFHxA	100		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C4 PFHpA	105		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C4 PFOA	96		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C5 PFNA	97		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C2 PFDA	97		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C2 PFUnA	98		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C2 PFDoA	94		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C2 PFTeDA	96		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C3 PFBS	91		25 - 150	02/19/20 05:24	02/19/20 19:45	1
18O2 PFHxS	92		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C4 PFOS	93		25 - 150	02/19/20 05:24	02/19/20 19:45	1
13C8 FOSA	98		25 - 150	02/19/20 05:24	02/19/20 19:45	1
d3-NMeFOSAA	115		25 - 150	02/19/20 05:24	02/19/20 19:45	1
d5-NEtFOSAA	117		25 - 150	02/19/20 05:24	02/19/20 19:45	1
M2-6:2 FTS	103		25 - 150	02/19/20 05:24	02/19/20 19:45	1
M2-8:2 FTS	107		25 - 150	02/19/20 05:24	02/19/20 19:45	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-3S-50

Lab Sample ID: 320-58645-23

Date Collected: 02/14/20 11:30

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.0		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluoropentanoic acid (PFPeA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorohexanoic acid (PFHxA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8		ng/L		02/19/20 05:24	02/19/20 19:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18		ng/L		02/19/20 05:24	02/19/20 19:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18		ng/L		02/19/20 05:24	02/19/20 19:54	1
6:2 FTS	ND		18		ng/L		02/19/20 05:24	02/19/20 19:54	1
8:2 FTS	ND		18		ng/L		02/19/20 05:24	02/19/20 19:54	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C5 PFPeA	98		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C2 PFHxA	98		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C4 PFHpA	102		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C4 PFOA	92		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C5 PFNA	98		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C2 PFDA	96		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C2 PFUnA	96		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C2 PFDoA	96		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C2 PFTeA	92		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C3 PFBS	88		25 - 150	02/19/20 05:24	02/19/20 19:54	1
18O2 PFHxS	87		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C4 PFOS	91		25 - 150	02/19/20 05:24	02/19/20 19:54	1
13C8 FOSA	95		25 - 150	02/19/20 05:24	02/19/20 19:54	1
d3-NMeFOSAA	111		25 - 150	02/19/20 05:24	02/19/20 19:54	1
d5-NEtFOSAA	110		25 - 150	02/19/20 05:24	02/19/20 19:54	1
M2-6:2 FTS	99		25 - 150	02/19/20 05:24	02/19/20 19:54	1
M2-8:2 FTS	99		25 - 150	02/19/20 05:24	02/19/20 19:54	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-3S-75

Lab Sample ID: 320-58645-24

Date Collected: 02/14/20 11:34

Matrix: Water

Date Received: 02/15/20 09:20

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluoropentanoic acid (PFPeA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorohexanoic acid (PFHxA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9		ng/L		02/19/20 05:24	02/19/20 20:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19		ng/L		02/19/20 05:24	02/19/20 20:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19		ng/L		02/19/20 05:24	02/19/20 20:03	1
6:2 FTS	ND		19		ng/L		02/19/20 05:24	02/19/20 20:03	1
8:2 FTS	ND		19		ng/L		02/19/20 05:24	02/19/20 20:03	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	94		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C5 PFPeA	93		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C2 PFHxA	96		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C4 PFHpA	98		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C4 PFOA	92		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C5 PFNA	93		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C2 PFDA	89		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C2 PFUnA	91		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C2 PFDoA	83		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C2 PFTeDA	87		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C3 PFBS	86		25 - 150				02/19/20 05:24	02/19/20 20:03	1
18O2 PFHxS	87		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C4 PFOS	85		25 - 150				02/19/20 05:24	02/19/20 20:03	1
13C8 FOSA	90		25 - 150				02/19/20 05:24	02/19/20 20:03	1
d3-NMeFOSAA	98		25 - 150				02/19/20 05:24	02/19/20 20:03	1
d5-NEtFOSAA	101		25 - 150				02/19/20 05:24	02/19/20 20:03	1
M2-6:2 FTS	92		25 - 150				02/19/20 05:24	02/19/20 20:03	1
M2-8:2 FTS	90		25 - 150				02/19/20 05:24	02/19/20 20:03	1

Eurofins TestAmerica, Sacramento

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	PFHpA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-58645-1	BH20200214PRE-GAC	78	84	87	99	98	94	97	82
320-58645-2	BH20200214POST-GAC	88	85	86	93	98	92	92	88
320-58645-2 MS	BH20200214POST-GAC	92	89	86	95	97	90	85	85
320-58645-2 MSD	BH20200214POST-GAC	88	85	83	92	95	88	84	83
320-58645-3	BH20200214-GACDUP	97	92	93	97	101	101	94	75
320-58645-4	BH20200214-1North-25	83	85	88	95	105	98	83	75
320-58645-5	BH20200214-1North-50	85	82	87	91	94	95	87	84
320-58645-6	BH20200214-1North-75	92	88	94	100	99	94	86	96
320-58645-7	BH20200214-2North-25	85	90	87	101	98	108	88	87
320-58645-8	BH20200214-2North-50	87	87	86	99	98	91	91	80
320-58645-9	BH20200214-2North-75	88	86	86	95	94	91	83	76
320-58645-10	BH20200214-3North-25	86	89	91	98	95	100	99	101
320-58645-11	BH20200214-3North-50	83	82	84	96	94	94	86	90
320-58645-12	BH20200214-3North-75	92	89	92	101	101	97	93	92
320-58645-13	BH20200214-1RAW	80	86	88	96	99	96	91	89
320-58645-14	BH20200214-2RAW	75	81	86	89	91	90	85	72
320-58645-15	BH20200214-3RAW	76	84	90	99	95	93	89	78
320-58645-16	BH20200214-1S-25	88	83	84	96	100	91	87	80
320-58645-17	BH20200214-1S-50	87	82	83	92	98	92	82	77
320-58645-18	BH20200214-1S-75	91	85	88	99	95	97	97	84
320-58645-19	BH20200214-2S-25	89	83	87	94	96	99	86	78
320-58645-20	BH20200214-2S-50	96	92	94	106	102	101	97	94
320-58645-21	BH20200214-2S-75	101	99	101	101	97	98	95	97
320-58645-22	BH20200214-3S-25	100	100	100	105	96	97	97	98
320-58645-23	BH20200214-3S-50	97	98	98	102	92	98	96	96
320-58645-24	BH20200214-3S-75	94	93	96	98	92	93	89	91
LCS 320-358413/2-A	Lab Control Sample	96	93	91	105	98	100	104	102
LCS 320-358414/2-A	Lab Control Sample	98	99	101	106	99	100	100	100
LCSD 320-358414/3-A	Lab Control Sample Dup	102	98	104	105	97	101	98	99
MB 320-358413/1-A	Method Blank	97	95	98	106	112	101	105	90
MB 320-358414/1-A	Method Blank	98	98	97	102	98	95	97	96
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDaA (25-150)	PFTDA (25-150)	3C3-PFB: (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (25-150)	-NMeFOS/ (25-150)	-NetFOS/ (25-150)
320-58645-1	BH20200214PRE-GAC	80	92	80	88	80	79	71	73
320-58645-2	BH20200214POST-GAC	73	84	79	84	79	79	70	70
320-58645-2 MS	BH20200214POST-GAC	96	90	81	85	79	80	71	71
320-58645-2 MSD	BH20200214POST-GAC	84	92	80	84	77	78	69	68
320-58645-3	BH20200214-GACDUP	95	91	88	95	85	86	76	76
320-58645-4	BH20200214-1North-25	85	87	81	89	81	83	70	70
320-58645-5	BH20200214-1North-50	85	82	80	89	81	82	73	72
320-58645-6	BH20200214-1North-75	88	108	86	93	85	86	74	75
320-58645-7	BH20200214-2North-25	92	96	84	93	83	83	79	76
320-58645-8	BH20200214-2North-50	84	94	83	90	83	82	74	71
320-58645-9	BH20200214-2North-75	94	96	82	88	80	81	72	72
320-58645-10	BH20200214-3North-25	87	97	84	92	83	85	78	75
320-58645-11	BH20200214-3North-50	78	98	79	84	76	77	69	68
320-58645-12	BH20200214-3North-75	86	81	83	93	82	83	75	73
320-58645-13	BH20200214-1RAW	84	89	82	91	80	82	68	71

Eurofins TestAmerica, Sacramento

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFDaA (25-150)	PFTDA (25-150)	3C3-PFB: (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (25-150)	-NMeFOS/ (25-150)	-NEtFOS/ (25-150)
320-58645-14	BH20200214-2RAW	87	79	78	86	75	76	63	64
320-58645-15	BH20200214-3RAW	89	80	83	89	82	81	68	69
320-58645-16	BH20200214-1S-25	89	90	79	86	75	80	70	67
320-58645-17	BH20200214-1S-50	83	95	79	85	76	78	70	71
320-58645-18	BH20200214-1S-75	83	102	83	92	81	85	74	73
320-58645-19	BH20200214-2S-25	93	78	82	92	81	81	72	69
320-58645-20	BH20200214-2S-50	86	110	87	96	82	85	78	76
320-58645-21	BH20200214-2S-75	99	99	93	92	97	103	105	109
320-58645-22	BH20200214-3S-25	94	96	91	92	93	98	115	117
320-58645-23	BH20200214-3S-50	96	92	88	87	91	95	111	110
320-58645-24	BH20200214-3S-75	83	87	86	87	85	90	98	101
LCS 320-358413/2-A	Lab Control Sample	88	85	85	93	86	85	78	78
LCS 320-358414/2-A	Lab Control Sample	99	93	93	94	96	97	115	119
LCSD 320-358414/3-A	Lab Control Sample Dup	101	97	93	97	99	99	121	119
MB 320-358413/1-A	Method Blank	106	92	87	97	86	86	78	79
MB 320-358414/1-A	Method Blank	94	95	92	89	90	97	115	119

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)	
		M262FTS (25-150)	M282FTS (25-150)
320-58645-1	BH20200214PRE-GAC	98	82
320-58645-2	BH20200214POST-GAC	90	81
320-58645-2 MS	BH20200214POST-GAC	90	79
320-58645-2 MSD	BH20200214POST-GAC	87	76
320-58645-3	BH20200214-GACDUP	101	84
320-58645-4	BH20200214-1North-25	94	80
320-58645-5	BH20200214-1North-50	93	82
320-58645-6	BH20200214-1North-75	98	85
320-58645-7	BH20200214-2North-25	101	84
320-58645-8	BH20200214-2North-50	98	82
320-58645-9	BH20200214-2North-75	97	82
320-58645-10	BH20200214-3North-25	103	85
320-58645-11	BH20200214-3North-50	90	75
320-58645-12	BH20200214-3North-75	96	84
320-58645-13	BH20200214-1RAW	98	83
320-58645-14	BH20200214-2RAW	93	75
320-58645-15	BH20200214-3RAW	102	82
320-58645-16	BH20200214-1S-25	100	80
320-58645-17	BH20200214-1S-50	107	79
320-58645-18	BH20200214-1S-75	91	81
320-58645-19	BH20200214-2S-25	93	79
320-58645-20	BH20200214-2S-50	101	84
320-58645-21	BH20200214-2S-75	103	101
320-58645-22	BH20200214-3S-25	103	107
320-58645-23	BH20200214-3S-50	99	99
320-58645-24	BH20200214-3S-75	92	90
LCS 320-358413/2-A	Lab Control Sample	101	86
LCS 320-358414/2-A	Lab Control Sample	108	110
LCSD 320-358414/3-A	Lab Control Sample Dup	113	115
MB 320-358413/1-A	Method Blank	107	92
MB 320-358414/1-A	Method Blank	105	106

Eurofins TestAmerica, Sacramento

Isotope Dilution Summary

Client: New York State D.E.C.

Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
PFHxA = 13C2 PFHxA
PFHpA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDaA = 13C2 PFDaA
PFTDA = 13C2 PFTeDA
13C3-PFBS = 13C3 PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-358413/1-A

Matrix: Water

Analysis Batch: 358630

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 358413

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluoropentanoic acid (PFPeA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
Perfluorooctanesulfonamide (FOSA)	ND		2.0		ng/L		02/19/20 05:19	02/19/20 18:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		20		ng/L		02/19/20 05:19	02/19/20 18:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		20		ng/L		02/19/20 05:19	02/19/20 18:07	1
6:2 FTS	ND		20		ng/L		02/19/20 05:19	02/19/20 18:07	1
8:2 FTS	ND		20		ng/L		02/19/20 05:19	02/19/20 18:07	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C5 PFPeA	95		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C2 PFHxA	98		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C4 PFHpA	106		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C4 PFOA	112		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C5 PFNA	101		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C2 PFDA	105		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C2 PFUnA	90		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C2 PFDoA	106		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C2 PFTeDA	92		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C3 PFBS	87		25 - 150	02/19/20 05:19	02/19/20 18:07	1
18O2 PFHxS	97		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C4 PFOS	86		25 - 150	02/19/20 05:19	02/19/20 18:07	1
13C8 FOSA	86		25 - 150	02/19/20 05:19	02/19/20 18:07	1
d3-NMeFOSAA	78		25 - 150	02/19/20 05:19	02/19/20 18:07	1
d5-NEtFOSAA	79		25 - 150	02/19/20 05:19	02/19/20 18:07	1
M2-6:2 FTS	107		25 - 150	02/19/20 05:19	02/19/20 18:07	1
M2-8:2 FTS	92		25 - 150	02/19/20 05:19	02/19/20 18:07	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-358413/2-A

Matrix: Water

Analysis Batch: 358630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 358413

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	41.3		ng/L		103	76 - 136
Perfluoropentanoic acid (PFPeA)	40.0	41.7		ng/L		104	71 - 131
Perfluorohexanoic acid (PFHxA)	40.0	41.3		ng/L		103	73 - 133
Perfluoroheptanoic acid (PFHpA)	40.0	38.9		ng/L		97	72 - 132
Perfluorooctanoic acid (PFOA)	40.0	43.6		ng/L		109	70 - 130
Perfluorononanoic acid (PFNA)	40.0	43.1		ng/L		108	75 - 135
Perfluorodecanoic acid (PFDA)	40.0	36.9		ng/L		92	76 - 136
Perfluoroundecanoic acid (PFUnA)	40.0	34.7		ng/L		87	68 - 128
Perfluorododecanoic acid (PFDoA)	40.0	40.8		ng/L		102	71 - 131
Perfluorotridecanoic acid (PFTriA)	40.0	45.8		ng/L		114	71 - 131
Perfluorotetradecanoic acid (PFTeA)	40.0	42.0		ng/L		105	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	35.4		ng/L		100	67 - 127
Perfluorohexanesulfonic acid (PFHxS)	36.4	36.7		ng/L		101	59 - 119
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	42.8		ng/L		112	76 - 136
Perfluorooctanesulfonic acid (PFOS)	37.1	36.7		ng/L		99	70 - 130
Perfluorodecanesulfonic acid (PFDS)	38.6	35.4		ng/L		92	71 - 131
Perfluorooctanesulfonamide (FOSA)	40.0	39.5		ng/L		99	73 - 133
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	43.1		ng/L		108	76 - 136
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	39.5		ng/L		99	76 - 136
6:2 FTS	37.9	37.0		ng/L		98	59 - 175
8:2 FTS	38.3	38.6		ng/L		101	75 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	96		25 - 150
13C5 PFPeA	93		25 - 150
13C2 PFHxA	91		25 - 150
13C4 PFHpA	105		25 - 150
13C4 PFOA	98		25 - 150
13C5 PFNA	100		25 - 150
13C2 PFDA	104		25 - 150
13C2 PFUnA	102		25 - 150
13C2 PFDoA	88		25 - 150
13C2 PFTeDA	85		25 - 150
13C3 PFBS	85		25 - 150
18O2 PFHxS	93		25 - 150
13C4 PFOS	86		25 - 150
13C8 FOSA	85		25 - 150
d3-NMeFOSAA	78		25 - 150
d5-NEtFOSAA	78		25 - 150

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-358413/2-A

Matrix: Water

Analysis Batch: 358630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 358413

Isotope Dilution	LCS		Limits
	%Recovery	Qualifier	
M2-6:2 FTS	101		25 - 150
M2-8:2 FTS	86		25 - 150

Lab Sample ID: 320-58645-2 MS

Matrix: Water

Analysis Batch: 358630

Client Sample ID: BH20200214POST-GAC

Prep Type: Total/NA

Prep Batch: 358413

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Perfluorobutanoic acid (PFBA)	ND		36.7	38.4		ng/L		103	76 - 136
Perfluoropentanoic acid (PFPeA)	ND		36.7	37.1		ng/L		101	71 - 131
Perfluorohexanoic acid (PFHxA)	ND		36.7	38.4		ng/L		105	73 - 133
Perfluoroheptanoic acid (PFHpA)	ND		36.7	35.5		ng/L		97	72 - 132
Perfluorooctanoic acid (PFOA)	ND		36.7	35.4		ng/L		97	70 - 130
Perfluorononanoic acid (PFNA)	ND		36.7	39.3		ng/L		107	75 - 135
Perfluorodecanoic acid (PFDA)	ND		36.7	38.5		ng/L		105	76 - 136
Perfluoroundecanoic acid (PFUnA)	ND		36.7	35.4		ng/L		96	68 - 128
Perfluorododecanoic acid (PFDoA)	ND		36.7	35.5		ng/L		97	71 - 131
Perfluorotridecanoic acid (PFTriA)	ND		36.7	34.3		ng/L		94	71 - 131
Perfluorotetradecanoic acid (PFTeA)	ND		36.7	32.9		ng/L		90	70 - 130
Perfluorobutanesulfonic acid (PFBS)	ND		32.4	31.7		ng/L		98	67 - 127
Perfluorohexanesulfonic acid (PFHxS)	ND		33.4	34.1		ng/L		101	59 - 119
Perfluoroheptanesulfonic Acid (PFHpS)	ND		34.9	40.5		ng/L		116	76 - 136
Perfluorooctanesulfonic acid (PFOS)	ND		34.0	34.2		ng/L		101	70 - 130
Perfluorodecanesulfonic acid (PFDS)	ND		35.3	32.6		ng/L		92	71 - 131
Perfluorooctanesulfonamide (FOSA)	ND		36.7	35.8		ng/L		98	73 - 133
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		36.7	38.0		ng/L		104	76 - 136
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		36.7	36.1		ng/L		99	76 - 136
6:2 FTS	ND		34.8	34.0		ng/L		98	59 - 175
8:2 FTS	ND		35.1	35.4		ng/L		101	75 - 135

Isotope Dilution	MS		Limits
	%Recovery	Qualifier	
13C4 PFBA	92		25 - 150
13C5 PFPeA	89		25 - 150
13C2 PFHxA	86		25 - 150
13C4 PFHpA	95		25 - 150
13C4 PFOA	97		25 - 150
13C5 PFNA	90		25 - 150
13C2 PFDA	85		25 - 150
13C2 PFUnA	85		25 - 150
13C2 PFDoA	96		25 - 150

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 320-58645-2 MS

Matrix: Water

Analysis Batch: 358630

Client Sample ID: BH20200214POST-GAC

Prep Type: Total/NA

Prep Batch: 358413

<i>Isotope Dilution</i>	<i>MS</i> <i>%Recovery</i>	<i>MS</i> <i>Qualifier</i>	<i>Limits</i>
13C2 PFTeDA	90		25 - 150
13C3 PFBS	81		25 - 150
18O2 PFHxS	85		25 - 150
13C4 PFOS	79		25 - 150
13C8 FOSA	80		25 - 150
d3-NMeFOSAA	71		25 - 150
d5-NEtFOSAA	71		25 - 150
M2-6:2 FTS	90		25 - 150
M2-8:2 FTS	79		25 - 150

Lab Sample ID: 320-58645-2 MSD

Matrix: Water

Analysis Batch: 358630

Client Sample ID: BH20200214POST-GAC

Prep Type: Total/NA

Prep Batch: 358413

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MSD</i> <i>Result</i>	<i>MSD</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>	<i>RPD</i>	<i>RPD</i> <i>Limit</i>
Perfluorobutanoic acid (PFBA)	ND		36.2	37.3		ng/L		101	76 - 136	3	30
Perfluoropentanoic acid (PFPeA)	ND		36.2	37.6		ng/L		104	71 - 131	1	30
Perfluorohexanoic acid (PFHxA)	ND		36.2	38.1		ng/L		105	73 - 133	1	30
Perfluoroheptanoic acid (PFHpA)	ND		36.2	35.8		ng/L		99	72 - 132	1	30
Perfluorooctanoic acid (PFOA)	ND		36.2	37.0		ng/L		102	70 - 130	4	30
Perfluorononanoic acid (PFNA)	ND		36.2	38.6		ng/L		107	75 - 135	2	30
Perfluorodecanoic acid (PFDA)	ND		36.2	33.4		ng/L		92	76 - 136	14	30
Perfluoroundecanoic acid (PFUnA)	ND		36.2	32.3		ng/L		89	68 - 128	9	30
Perfluorododecanoic acid (PFDoA)	ND		36.2	32.7		ng/L		90	71 - 131	8	30
Perfluorotridecanoic acid (PFTriA)	ND		36.2	34.1		ng/L		94	71 - 131	0	30
Perfluorotetradecanoic acid (PFTeA)	ND		36.2	33.8		ng/L		93	70 - 130	3	30
Perfluorobutanesulfonic acid (PFBS)	ND		32.0	30.1		ng/L		94	67 - 127	5	30
Perfluorohexanesulfonic acid (PFHxS)	ND		33.0	33.4		ng/L		100	59 - 119	2	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND		34.5	39.7		ng/L		115	76 - 136	2	30
Perfluorooctanesulfonic acid (PFOS)	ND		33.6	34.3		ng/L		102	70 - 130	0	30
Perfluorodecanesulfonic acid (PFDS)	ND		34.9	30.8		ng/L		88	71 - 131	6	30
Perfluorooctanesulfonamide (FOSA)	ND		36.2	35.0		ng/L		97	73 - 133	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		36.2	37.1		ng/L		102	76 - 136	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		36.2	36.5		ng/L		101	76 - 136	1	30
6:2 FTS	ND		34.3	34.2		ng/L		100	59 - 175	0	30
8:2 FTS	ND		34.7	33.6		ng/L		97	75 - 135	5	30
<i>Isotope Dilution</i>	<i>MSD</i> <i>%Recovery</i>	<i>MSD</i> <i>Qualifier</i>	<i>Limits</i>								
13C4 PFBA	88		25 - 150								
13C5 PFPeA	85		25 - 150								

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 320-58645-2 MSD

Matrix: Water

Analysis Batch: 358630

Client Sample ID: BH20200214POST-GAC

Prep Type: Total/NA

Prep Batch: 358413

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C2 PFHxA	83		25 - 150
13C4 PFHpA	92		25 - 150
13C4 PFOA	95		25 - 150
13C5 PFNA	88		25 - 150
13C2 PFDA	84		25 - 150
13C2 PFUnA	83		25 - 150
13C2 PFDoA	84		25 - 150
13C2 PFTeDA	92		25 - 150
13C3 PFBS	80		25 - 150
18O2 PFHxS	84		25 - 150
13C4 PFOS	77		25 - 150
13C8 FOSA	78		25 - 150
d3-NMeFOSAA	69		25 - 150
d5-NEtFOSAA	68		25 - 150
M2-6:2 FTS	87		25 - 150
M2-8:2 FTS	76		25 - 150

Lab Sample ID: MB 320-358414/1-A

Matrix: Water

Analysis Batch: 359310

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 358414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluoropentanoic acid (PFPeA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
Perfluorooctanesulfonamide (FOSA)	ND		2.0		ng/L		02/19/20 05:24	02/19/20 19:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		20		ng/L		02/19/20 05:24	02/19/20 19:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		20		ng/L		02/19/20 05:24	02/19/20 19:09	1
6:2 FTS	ND		20		ng/L		02/19/20 05:24	02/19/20 19:09	1
8:2 FTS	ND		20		ng/L		02/19/20 05:24	02/19/20 19:09	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	98		25 - 150				02/19/20 05:24	02/19/20 19:09	1
13C5 PFPeA	98		25 - 150				02/19/20 05:24	02/19/20 19:09	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-358414/1-A

Matrix: Water

Analysis Batch: 359310

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 358414

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	97		25 - 150	02/19/20 05:24	02/19/20 19:09	1
13C4 PFHpA	102		25 - 150	02/19/20 05:24	02/19/20 19:09	1
13C4 PFOA	98		25 - 150	02/19/20 05:24	02/19/20 19:09	1
13C5 PFNA	95		25 - 150	02/19/20 05:24	02/19/20 19:09	1
13C2 PFDA	97		25 - 150	02/19/20 05:24	02/19/20 19:09	1
13C2 PFUnA	96		25 - 150	02/19/20 05:24	02/19/20 19:09	1
13C2 PFDoA	94		25 - 150	02/19/20 05:24	02/19/20 19:09	1
13C2 PFTeDA	95		25 - 150	02/19/20 05:24	02/19/20 19:09	1
13C3 PFBS	92		25 - 150	02/19/20 05:24	02/19/20 19:09	1
18O2 PFHxS	89		25 - 150	02/19/20 05:24	02/19/20 19:09	1
13C4 PFOS	90		25 - 150	02/19/20 05:24	02/19/20 19:09	1
13C8 FOSA	97		25 - 150	02/19/20 05:24	02/19/20 19:09	1
d3-NMeFOSAA	115		25 - 150	02/19/20 05:24	02/19/20 19:09	1
d5-NEtFOSAA	119		25 - 150	02/19/20 05:24	02/19/20 19:09	1
M2-6:2 FTS	105		25 - 150	02/19/20 05:24	02/19/20 19:09	1
M2-8:2 FTS	106		25 - 150	02/19/20 05:24	02/19/20 19:09	1

Lab Sample ID: LCS 320-358414/2-A

Matrix: Water

Analysis Batch: 359310

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 358414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	41.2		ng/L		103	76 - 136
Perfluoropentanoic acid (PFPeA)	40.0	40.8		ng/L		102	71 - 131
Perfluorohexanoic acid (PFHxA)	40.0	39.7		ng/L		99	73 - 133
Perfluoroheptanoic acid (PFHpA)	40.0	39.3		ng/L		98	72 - 132
Perfluorooctanoic acid (PFOA)	40.0	38.9		ng/L		97	70 - 130
Perfluorononanoic acid (PFNA)	40.0	41.3		ng/L		103	75 - 135
Perfluorodecanoic acid (PFDA)	40.0	38.5		ng/L		96	76 - 136
Perfluoroundecanoic acid (PFUnA)	40.0	37.5		ng/L		94	68 - 128
Perfluorododecanoic acid (PFDoA)	40.0	41.3		ng/L		103	71 - 131
Perfluorotridecanoic acid (PFTriA)	40.0	42.0		ng/L		105	71 - 131
Perfluorotetradecanoic acid (PFTeA)	40.0	39.2		ng/L		98	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	34.8		ng/L		99	67 - 127
Perfluorohexanesulfonic acid (PFHxS)	36.4	34.1		ng/L		94	59 - 119
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	40.2		ng/L		106	76 - 136
Perfluorooctanesulfonic acid (PFOS)	37.1	37.4		ng/L		101	70 - 130
Perfluorodecanesulfonic acid (PFDS)	38.6	38.8		ng/L		101	71 - 131
Perfluorooctanesulfonamide (FOSA)	40.0	40.0		ng/L		100	73 - 133
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	38.1		ng/L		95	76 - 136

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-358414/2-A

Matrix: Water

Analysis Batch: 359310

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 358414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-ethylperfluorooctanesulfonami doacetic acid (NETFOSAA)	40.0	37.2		ng/L		93	76 - 136
6:2 FTS	37.9	40.3		ng/L		106	59 - 175
8:2 FTS	38.3	36.3		ng/L		95	75 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	98		25 - 150
13C5 PFPeA	99		25 - 150
13C2 PFHxA	101		25 - 150
13C4 PFHpA	106		25 - 150
13C4 PFOA	99		25 - 150
13C5 PFNA	100		25 - 150
13C2 PFDA	100		25 - 150
13C2 PFUnA	100		25 - 150
13C2 PFDoA	99		25 - 150
13C2 PFTeDA	93		25 - 150
13C3 PFBS	93		25 - 150
18O2 PFHxS	94		25 - 150
13C4 PFOS	96		25 - 150
13C8 FOSA	97		25 - 150
d3-NMeFOSAA	115		25 - 150
d5-NEtFOSAA	119		25 - 150
M2-6:2 FTS	108		25 - 150
M2-8:2 FTS	110		25 - 150

Lab Sample ID: LCSD 320-358414/3-A

Matrix: Water

Analysis Batch: 359310

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 358414

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	40.0	40.4		ng/L		101	76 - 136	2	30
Perfluoropentanoic acid (PFPeA)	40.0	42.0		ng/L		105	71 - 131	3	30
Perfluorohexanoic acid (PFHxA)	40.0	38.3		ng/L		96	73 - 133	4	30
Perfluoroheptanoic acid (PFHpA)	40.0	40.2		ng/L		101	72 - 132	2	30
Perfluorooctanoic acid (PFOA)	40.0	38.6		ng/L		96	70 - 130	1	30
Perfluorononanoic acid (PFNA)	40.0	42.0		ng/L		105	75 - 135	2	30
Perfluorodecanoic acid (PFDA)	40.0	40.0		ng/L		100	76 - 136	4	30
Perfluoroundecanoic acid (PFUnA)	40.0	37.1		ng/L		93	68 - 128	1	30
Perfluorododecanoic acid (PFDoA)	40.0	38.6		ng/L		96	71 - 131	7	30
Perfluorotridecanoic acid (PFTriA)	40.0	37.8		ng/L		94	71 - 131	11	30
Perfluorotetradecanoic acid (PFTeA)	40.0	39.3		ng/L		98	70 - 130	0	30
Perfluorobutanesulfonic acid (PFBS)	35.4	35.6		ng/L		101	67 - 127	2	30
Perfluorohexanesulfonic acid (PFHxS)	36.4	34.6		ng/L		95	59 - 119	2	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	40.1		ng/L		105	76 - 136	0	30

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 320-358414/3-A

Matrix: Water

Analysis Batch: 359310

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 358414

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanesulfonic acid (PFOS)	37.1	36.2		ng/L		98	70 - 130	3	30
Perfluorodecanesulfonic acid (PFDS)	38.6	38.5		ng/L		100	71 - 131	1	30
Perfluorooctanesulfonamide (FOSA)	40.0	40.0		ng/L		100	73 - 133	0	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	38.2		ng/L		96	76 - 136	0	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	37.2		ng/L		93	76 - 136	0	30
6:2 FTS	37.9	36.3		ng/L		96	59 - 175	11	30
8:2 FTS	38.3	36.2		ng/L		95	75 - 135	0	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	LCSD Limits
13C4 PFBA	102		25 - 150
13C5 PFPeA	98		25 - 150
13C2 PFHxA	104		25 - 150
13C4 PFHpA	105		25 - 150
13C4 PFOA	97		25 - 150
13C5 PFNA	101		25 - 150
13C2 PFDA	98		25 - 150
13C2 PFUnA	99		25 - 150
13C2 PFDoA	101		25 - 150
13C2 PFTeDA	97		25 - 150
13C3 PFBS	93		25 - 150
18O2 PFHxS	97		25 - 150
13C4 PFOS	99		25 - 150
13C8 FOSA	99		25 - 150
d3-NMeFOSAA	121		25 - 150
d5-NEtFOSAA	119		25 - 150
M2-6:2 FTS	113		25 - 150
M2-8:2 FTS	115		25 - 150

QC Association Summary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

LCMS

Prep Batch: 358413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-58645-1	BH20200214PRE-GAC	Total/NA	Water	3535	
320-58645-2	BH20200214POST-GAC	Total/NA	Water	3535	
320-58645-3	BH20200214-GACDUP	Total/NA	Water	3535	
320-58645-4	BH20200214-1North-25	Total/NA	Water	3535	
320-58645-5	BH20200214-1North-50	Total/NA	Water	3535	
320-58645-6	BH20200214-1North-75	Total/NA	Water	3535	
320-58645-7	BH20200214-2North-25	Total/NA	Water	3535	
320-58645-8	BH20200214-2North-50	Total/NA	Water	3535	
320-58645-9	BH20200214-2North-75	Total/NA	Water	3535	
320-58645-10	BH20200214-3North-25	Total/NA	Water	3535	
320-58645-11	BH20200214-3North-50	Total/NA	Water	3535	
320-58645-12	BH20200214-3North-75	Total/NA	Water	3535	
320-58645-13	BH20200214-1RAW	Total/NA	Water	3535	
320-58645-14	BH20200214-2RAW	Total/NA	Water	3535	
320-58645-15	BH20200214-3RAW	Total/NA	Water	3535	
320-58645-16	BH20200214-1S-25	Total/NA	Water	3535	
320-58645-17	BH20200214-1S-50	Total/NA	Water	3535	
320-58645-18	BH20200214-1S-75	Total/NA	Water	3535	
320-58645-19	BH20200214-2S-25	Total/NA	Water	3535	
320-58645-20	BH20200214-2S-50	Total/NA	Water	3535	
MB 320-358413/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-358413/2-A	Lab Control Sample	Total/NA	Water	3535	
320-58645-2 MS	BH20200214POST-GAC	Total/NA	Water	3535	
320-58645-2 MSD	BH20200214POST-GAC	Total/NA	Water	3535	

Prep Batch: 358414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-58645-21	BH20200214-2S-75	Total/NA	Water	3535	
320-58645-22	BH20200214-3S-25	Total/NA	Water	3535	
320-58645-23	BH20200214-3S-50	Total/NA	Water	3535	
320-58645-24	BH20200214-3S-75	Total/NA	Water	3535	
MB 320-358414/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-358414/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-358414/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 358630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-58645-1	BH20200214PRE-GAC	Total/NA	Water	537 (modified)	358413
320-58645-2	BH20200214POST-GAC	Total/NA	Water	537 (modified)	358413
320-58645-3	BH20200214-GACDUP	Total/NA	Water	537 (modified)	358413
320-58645-4	BH20200214-1North-25	Total/NA	Water	537 (modified)	358413
320-58645-5	BH20200214-1North-50	Total/NA	Water	537 (modified)	358413
320-58645-6	BH20200214-1North-75	Total/NA	Water	537 (modified)	358413
320-58645-7	BH20200214-2North-25	Total/NA	Water	537 (modified)	358413
320-58645-8	BH20200214-2North-50	Total/NA	Water	537 (modified)	358413
320-58645-9	BH20200214-2North-75	Total/NA	Water	537 (modified)	358413
320-58645-10	BH20200214-3North-25	Total/NA	Water	537 (modified)	358413
320-58645-11	BH20200214-3North-50	Total/NA	Water	537 (modified)	358413
320-58645-12	BH20200214-3North-75	Total/NA	Water	537 (modified)	358413
320-58645-13	BH20200214-1RAW	Total/NA	Water	537 (modified)	358413
320-58645-14	BH20200214-2RAW	Total/NA	Water	537 (modified)	358413

Eurofins TestAmerica, Sacramento

QC Association Summary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

LCMS (Continued)

Analysis Batch: 358630 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-58645-15	BH20200214-3RAW	Total/NA	Water	537 (modified)	358413
320-58645-16	BH20200214-1S-25	Total/NA	Water	537 (modified)	358413
320-58645-17	BH20200214-1S-50	Total/NA	Water	537 (modified)	358413
320-58645-18	BH20200214-1S-75	Total/NA	Water	537 (modified)	358413
320-58645-19	BH20200214-2S-25	Total/NA	Water	537 (modified)	358413
320-58645-20	BH20200214-2S-50	Total/NA	Water	537 (modified)	358413
MB 320-358413/1-A	Method Blank	Total/NA	Water	537 (modified)	358413
LCS 320-358413/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	358413
320-58645-2 MS	BH20200214POST-GAC	Total/NA	Water	537 (modified)	358413
320-58645-2 MSD	BH20200214POST-GAC	Total/NA	Water	537 (modified)	358413

Analysis Batch: 358879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-58645-21	BH20200214-2S-75	Total/NA	Water	537 (modified)	358414

Analysis Batch: 359310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-58645-22	BH20200214-3S-25	Total/NA	Water	537 (modified)	358414
320-58645-23	BH20200214-3S-50	Total/NA	Water	537 (modified)	358414
320-58645-24	BH20200214-3S-75	Total/NA	Water	537 (modified)	358414
MB 320-358414/1-A	Method Blank	Total/NA	Water	537 (modified)	358414
LCS 320-358414/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	358414
LCSD 320-358414/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	358414

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214PRE-GAC

Lab Sample ID: 320-58645-1

Date Collected: 02/14/20 09:49

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			267.3 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 18:25	P1N	TAL SAC

Client Sample ID: BH20200214POST-GAC

Lab Sample ID: 320-58645-2

Date Collected: 02/14/20 09:36

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			273.3 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 18:34	P1N	TAL SAC

Client Sample ID: BH20200214-GACDUP

Lab Sample ID: 320-58645-3

Date Collected: 02/14/20 09:36

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			271.3 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 19:02	P1N	TAL SAC

Client Sample ID: BH20200214-1North-25

Lab Sample ID: 320-58645-4

Date Collected: 02/14/20 10:07

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			264.4 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 19:11	P1N	TAL SAC

Client Sample ID: BH20200214-1North-50

Lab Sample ID: 320-58645-5

Date Collected: 02/14/20 10:09

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			275.3 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 19:20	P1N	TAL SAC

Client Sample ID: BH20200214-1North-75

Lab Sample ID: 320-58645-6

Date Collected: 02/14/20 10:11

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			261.8 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 19:29	P1N	TAL SAC

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-2North-25

Lab Sample ID: 320-58645-7

Date Collected: 02/14/20 10:41

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			268.2 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 19:57	P1N	TAL SAC

Client Sample ID: BH20200214-2North-50

Lab Sample ID: 320-58645-8

Date Collected: 02/14/20 10:43

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			264.9 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 20:06	P1N	TAL SAC

Client Sample ID: BH20200214-2North-75

Lab Sample ID: 320-58645-9

Date Collected: 02/14/20 10:44

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			258.5 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 20:15	P1N	TAL SAC

Client Sample ID: BH20200214-3North-25

Lab Sample ID: 320-58645-10

Date Collected: 02/14/20 11:14

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			261.9 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 20:24	P1N	TAL SAC

Client Sample ID: BH20200214-3North-50

Lab Sample ID: 320-58645-11

Date Collected: 02/14/20 11:14

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			271.3 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 20:33	P1N	TAL SAC

Client Sample ID: BH20200214-3North-75

Lab Sample ID: 320-58645-12

Date Collected: 02/14/20 11:19

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			265.7 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 20:42	P1N	TAL SAC

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-1RAW

Lab Sample ID: 320-58645-13

Date Collected: 02/14/20 12:20

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			270 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 20:52	P1N	TAL SAC

Client Sample ID: BH20200214-2RAW

Lab Sample ID: 320-58645-14

Date Collected: 02/14/20 12:03

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			266.7 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 21:01	P1N	TAL SAC

Client Sample ID: BH20200214-3RAW

Lab Sample ID: 320-58645-15

Date Collected: 02/14/20 12:38

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			269.2 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 21:10	P1N	TAL SAC

Client Sample ID: BH20200214-1S-25

Lab Sample ID: 320-58645-16

Date Collected: 02/14/20 10:25

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			266.7 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 21:19	P1N	TAL SAC

Client Sample ID: BH20200214-1S-50

Lab Sample ID: 320-58645-17

Date Collected: 02/14/20 10:27

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			270.7 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 21:46	P1N	TAL SAC

Client Sample ID: BH20200214-1S-75

Lab Sample ID: 320-58645-18

Date Collected: 02/14/20 10:29

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			272.2 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 21:55	P1N	TAL SAC

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Client Sample ID: BH20200214-2S-25

Lab Sample ID: 320-58645-19

Date Collected: 02/14/20 10:56

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			262.5 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 22:05	P1N	TAL SAC

Client Sample ID: BH20200214-2S-50

Lab Sample ID: 320-58645-20

Date Collected: 02/14/20 10:58

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			267.9 mL	10 mL	358413	02/19/20 05:19	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358630	02/19/20 22:14	P1N	TAL SAC

Client Sample ID: BH20200214-2S-75

Lab Sample ID: 320-58645-21

Date Collected: 02/14/20 10:58

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			276.6 mL	10 mL	358414	02/19/20 05:24	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			358879	02/20/20 16:03	S1M	TAL SAC

Client Sample ID: BH20200214-3S-25

Lab Sample ID: 320-58645-22

Date Collected: 02/14/20 11:30

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			268.5 mL	10 mL	358414	02/19/20 05:24	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			359310	02/19/20 19:45	GMK	TAL SAC

Client Sample ID: BH20200214-3S-50

Lab Sample ID: 320-58645-23

Date Collected: 02/14/20 11:30

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			270.9 mL	10 mL	358414	02/19/20 05:24	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			359310	02/19/20 19:54	GMK	TAL SAC

Client Sample ID: BH20200214-3S-75

Lab Sample ID: 320-58645-24

Date Collected: 02/14/20 11:34

Matrix: Water

Date Received: 02/15/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			261.7 mL	10 mL	358414	02/19/20 05:24	AF	TAL SAC
Total/NA	Analysis	537 (modified)		1			359310	02/19/20 20:03	GMK	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Eurofins TestAmerica, Sacramento

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11666	04-01-20
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
537 (modified)	3535	Water	6:2 FTS
537 (modified)	3535	Water	8:2 FTS
537 (modified)	3535	Water	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)
537 (modified)	3535	Water	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)
537 (modified)	3535	Water	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	3535	Water	Perfluorobutanoic acid (PFBA)
537 (modified)	3535	Water	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	3535	Water	Perfluorodecanoic acid (PFDA)
537 (modified)	3535	Water	Perfluorododecanoic acid (PFDoA)
537 (modified)	3535	Water	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	3535	Water	Perfluoroheptanoic acid (PFHpA)
537 (modified)	3535	Water	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	3535	Water	Perfluorohexanoic acid (PFHxA)
537 (modified)	3535	Water	Perfluorononanoic acid (PFNA)
537 (modified)	3535	Water	Perfluorooctanesulfonamide (FOSA)
537 (modified)	3535	Water	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	3535	Water	Perfluorooctanoic acid (PFOA)
537 (modified)	3535	Water	Perfluoropentanoic acid (PFPeA)
537 (modified)	3535	Water	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	3535	Water	Perfluorotridecanoic acid (PFTriA)
537 (modified)	3535	Water	Perfluoroundecanoic acid (PFUnA)

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-20 *

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

Eurofins TestAmerica, Sacramento

Method Summary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: New York State D.E.C.
Project/Site: Stewart ANGB - Butterhill #336089

Job ID: 320-58645-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
320-58645-1	BH20200214PRE-GAC	Water	02/14/20 09:49	02/15/20 09:20	
320-58645-2	BH20200214POST-GAC	Water	02/14/20 09:36	02/15/20 09:20	
320-58645-3	BH20200214-GACDUP	Water	02/14/20 09:36	02/15/20 09:20	
320-58645-4	BH20200214-1North-25	Water	02/14/20 10:07	02/15/20 09:20	
320-58645-5	BH20200214-1North-50	Water	02/14/20 10:09	02/15/20 09:20	
320-58645-6	BH20200214-1North-75	Water	02/14/20 10:11	02/15/20 09:20	
320-58645-7	BH20200214-2North-25	Water	02/14/20 10:41	02/15/20 09:20	
320-58645-8	BH20200214-2North-50	Water	02/14/20 10:43	02/15/20 09:20	
320-58645-9	BH20200214-2North-75	Water	02/14/20 10:44	02/15/20 09:20	
320-58645-10	BH20200214-3North-25	Water	02/14/20 11:14	02/15/20 09:20	
320-58645-11	BH20200214-3North-50	Water	02/14/20 11:14	02/15/20 09:20	
320-58645-12	BH20200214-3North-75	Water	02/14/20 11:19	02/15/20 09:20	
320-58645-13	BH20200214-1RAW	Water	02/14/20 12:20	02/15/20 09:20	
320-58645-14	BH20200214-2RAW	Water	02/14/20 12:03	02/15/20 09:20	
320-58645-15	BH20200214-3RAW	Water	02/14/20 12:38	02/15/20 09:20	
320-58645-16	BH20200214-1S-25	Water	02/14/20 10:25	02/15/20 09:20	
320-58645-17	BH20200214-1S-50	Water	02/14/20 10:27	02/15/20 09:20	
320-58645-18	BH20200214-1S-75	Water	02/14/20 10:29	02/15/20 09:20	
320-58645-19	BH20200214-2S-25	Water	02/14/20 10:56	02/15/20 09:20	
320-58645-20	BH20200214-2S-50	Water	02/14/20 10:58	02/15/20 09:20	
320-58645-21	BH20200214-2S-75	Water	02/14/20 10:58	02/15/20 09:20	
320-58645-22	BH20200214-3S-25	Water	02/14/20 11:30	02/15/20 09:20	
320-58645-23	BH20200214-3S-50	Water	02/14/20 11:30	02/15/20 09:20	
320-58645-24	BH20200214-3S-75	Water	02/14/20 11:34	02/15/20 09:20	

Client Information		Lab PM: Stone, Judy L		Carrier Tracking No(s):		COC No: 480-141748-31696.1	
Client Contact: Jeffrey Redfield		Phone: (315) 412-3479		E-Mail: judy.stone@testamericainc.com		Page 1 of 4	
Company: ARCADIS U.S. Inc		Address: 855 Route 146 Suite 210		City: Clifton Park		State, Zip: NY, 12065	
Phone: 518-402-9813(Tel)		Callout ID: 137349		PO #: 48020960		Project #: 48020960	
Email: jeffrey.redfield@arcadis.com		WO #:		SSOW #:		Site:	
Due Date Requested:		TAT Requested (days):		Standard TAT		Analysis Requested	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, B=soil, O=wastewater, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Field Filtered Sample (Yes or No)
BH20200214PRE-GAC	2/14/20	0949	G	Water			
BH20200214POST-GAC	2/14/20	0936	G	Water			
BH20200214POST-GACDUP	2/14/20	0936	G	Water			
BH20200214-1 North-25	2/14/20	1007	G	Water			
BH20200214-1 North-50	2/14/20	1009	G	Water			
BH20200214-1 North-75	2/14/20	1011	G	Water			
BH20200214-2 North-25	2/14/20	1041	G	Water			
BH20200214-2 North-50	2/14/20	1043	G	Water			
BH20200214-2 North-75	2/14/20	1044	G	Water			
BH20200214-3 North-25	2/14/20	1114	G	Water			
BH20200214-3 North-50	2/14/20	1114	G	Water			
Possible Hazard Identification		Empty Kit Relinquished by:		Date:		Time:	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Relinquished by: <i>Jeffrey Redfield</i>		Date: 2/14/2020		Time: 1610	
Deliverable Requested: I, II, III, IV, Other (specify)		Relinquished by: <i>Jeffrey Redfield</i>		Date: 2/14/20		Time: 1700	
Empty Kit Relinquished by:		Relinquished by:		Date:		Time:	
Relinquished by: <i>Jeffrey Redfield</i>		Relinquished by: <i>Jeffrey Redfield</i>		Date: 2/14/2020		Time: 1610	
Relinquished by: <i>Jeffrey Redfield</i>		Relinquished by: <i>Jeffrey Redfield</i>		Date: 2/14/20		Time: 1700	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		0.509, 0.2	

#224

Client Information		Sample: B. Powers		Lab PM: Stone, Judy L		Carrier Tracking No(s):		COC No: 480-141748-31696.1	
Client Contact: Jeffrey Redfield		Phone: (315) 412-3479		E-Mail: judy.stone@testamericainc.com				Page: Page 1 of 4	
Company: ARCADIS U.S. Inc								Job #:	
Address: 855 Route 146 Suite 210									
City: Clifton Park									
State Zip: NY, 12065									
Phone: 518-402-9813(Tel)									
Email: jeffrey.redfield@arcadis.com									
Project Name: Stewart ANGB - Butterhill #336089									
Site:									

Due Date Requested:		Analysis Requested		Special Instructions/Note:	
TAT Requested (days):	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC, IDA - PFA, Standard List (21 analytes)	PFA, DI, DW - (MOD) PFA, UCMR List	Total Number of Containers
Standard TAT					
PO #:					
Callout ID: 137349					
WO #:					
Project #:					
48020960					
SSOW#:					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC, IDA - PFA, Standard List (21 analytes)	PFA, DI, DW - (MOD) PFA, UCMR List	Total Number of Containers	Special Instructions/Note:
BH20200214-3North-75	2/14/20	1119	G	Water		N	N	Z		2	
BH20200214-1RAW	2/14/20	1220	G	Water		N	N	Z		2	
BH20200214-2RAW	2/14/20	1203	G	Water		N	N	Z		2	
BH20200214-3RAW	2/14/20	1232	G	Water		N	N	Z		2	
BH20200214-POSTGACMS	2/14/20	0938	G	Water		N	N	Z		2	MS
BH20200214-POSTGACMSD	2/14/20	0937	G	Water		N	N	Z		2	MSD
BH20200214-1S-25	2/14/20	1025	G	Water		N	N	Z		2	
BH20200214-1S-50	2/14/20	1027	G	Water		N	N	Z		2	
BH20200214-1S-75	2/14/20	1029	G	Water		N	N	Z		2	
BH20200214-2S-25	2/14/20	1056	G	Water		N	N	Z		2	
BH20200214-2S-50	2/14/20	1058	G	Water		N	N	Z		2	

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard	☐ Flammable	☐ Return To Client	☐ Archive For _____ Months
☐ Skin Irritant	☐ Poison B	☐ Disposal By Lab	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: Kevin Zacher	Date/Time: 2/14/20 1610	Received by: Kevin Zacher	Date/Time: 2/14/20
Relinquished by: Kevin Zacher	Date/Time: 2/14/20 1200	Received by: Kevin Zacher	Date/Time: 2/15/20 0920
Relinquished by:	Date/Time:	Received by:	Date/Time:
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.5/0.9, 0.1	

Client Information Client Contact: Jeffrey Redfield Phone: (315) 412-3479 Email: jredfield@arcadis.com		Lab PM: Stone, Judy L E-Mail: judy.stone@testamericainc.com		Carrier Tracking No(s) 480-141748-31696.1 Page: 1 of 4 Job #	
Analysis Requested					
Due Date Requested: TAT Requested (days): Standard TAT		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - Ascorbic Acid S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:			
PO # Callout ID: 137349 WO #		Total Number of containers			
Project # 48020960 SSOW#		Special Instructions/Note:			
Address: 855 Route 146 Suite 210 City: Clifton Park State, Zip: NY, 12065 Phone: 518-402-9813(Tel) Email: jeffrey.redfield@arcadis.com Project Name: Stewart ANGB - Butterhill #336089 Site:					
Sample Identification		Field Filtered Sample (Yes or No)			
Sample Date		Perform MS/MSD (Yes or No)			
Sample Time		PFC, IDA - PFA, Standard List (21 analytes)			
Sample Type (C=comp, G=grab)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Matrix (W=water, S=solid, O=water/oil, BT=tissue, As=air)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Preservation Code:		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Date		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Time		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Type (C=comp, G=grab)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Matrix (W=water, S=solid, O=water/oil, BT=tissue, As=air)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Preservation Code:		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Date		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Time		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Type (C=comp, G=grab)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Matrix (W=water, S=solid, O=water/oil, BT=tissue, As=air)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Preservation Code:		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Date		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Time		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Type (C=comp, G=grab)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Matrix (W=water, S=solid, O=water/oil, BT=tissue, As=air)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Preservation Code:		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Date		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Time		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Type (C=comp, G=grab)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Matrix (W=water, S=solid, O=water/oil, BT=tissue, As=air)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Preservation Code:		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Date		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Time		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Type (C=comp, G=grab)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Matrix (W=water, S=solid, O=water/oil, BT=tissue, As=air)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Preservation Code:		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Date		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Time		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Type (C=comp, G=grab)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Matrix (W=water, S=solid, O=water/oil, BT=tissue, As=air)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Preservation Code:		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Date		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Time		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Type (C=comp, G=grab)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Matrix (W=water, S=solid, O=water/oil, BT=tissue, As=air)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Preservation Code:		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Date		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Time		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Type (C=comp, G=grab)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Matrix (W=water, S=solid, O=water/oil, BT=tissue, As=air)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Preservation Code:		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Date		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Time		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Type (C=comp, G=grab)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Matrix (W=water, S=solid, O=water/oil, BT=tissue, As=air)		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Preservation Code:		PFAS, DI, DW - (MOD) PFAS, UCMR List			
Sample Date		PFAS, DI, DW - (MOD) PFAS, UCMR List			

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 320-58645-1

Login Number: 58645

List Number: 1

Creator: Her, David A

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	1138264/1138285
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	