TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
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TestAmerica Job ID: 480-135305-1
Client Project/Site: Stuart-Oliver-Holtz #828079
Revision: 1

For:
New York State D.E.C.
625 Broadway 9th Floor
Albany, New York 12233-7258

Attn: George Momberger

Authorized for release by:
6/6/2018 12:16:36 PM

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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.

Orlette Johnson
Senior Project Manager
6/6/2018 12:16:36 PM

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

LCMS

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	Isotope Dilution analyte is outside acceptance limits.
CI	The peak identified by the data system exhibited chromatographic interference that could not be resolved. There is reason to suspect there may be a high bias.

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)

Job ID: 480-135305-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-135305-1

Revision 1
Per client, the data package was revised to report 'ND' value for all PFC nondetects.

Receipt
The samples were received on 5/2/2018 7:47 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 5.0º C and 5.3º C.

Receipt Exceptions
The Vials for Sample Point URS-09 were not delivered.

GC/MS VOA
Method(s) 8260C SIM: The following sample was diluted to bring the concentration of target analytes within the calibration range: SW-32 (480-135305-7). Elevated reporting limits (RLs) are provided.

Method(s) 8260C SIM: The following samples were diluted to bring the concentration of target analytes within the calibration range: URS-03 (480-135305-1), SW-33 (480-135305-8), URS-15 (480-135305-14) and URS-02 (480-135305-19). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: SW-32 (480-135305-7), URS-11 (480-135305-10), URS-15 (480-135305-14), OW-6S (480-135305-15), URS-07 (480-135305-16) and URS-16 (480-135305-21). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: SW-33 (480-135305-8), SW-33 (480-135305-8[MS]), SW-33 (480-135305-8[MSD]), SW-37 (480-135305-9), URS-12 (480-135305-11) and URS-02 (480-135305-19). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample(s) were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: SW-33 (480-135305-8).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: URS-03 (480-135305-1), FD1-050218 (480-135305-5), OW-7S (480-135305-6), URS-15 (480-135305-14), URS-07 (480-135305-16), MW-05 (480-135305-20), OW-3S (480-135305-22), (480-135305-B-5 MS) and (480-135305-B-5 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: URS-06 (480-135305-25) and URS-13 (480-135305-26). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-413745 recovered above the upper control limit for 2-Hexanone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: OW-04S (480-135305-18) and FD2-050218 (480-135305-23).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: OW-04S (480-135305-18) and FD2-050218 (480-135305-23). Elevated reporting limits (RLs) are provided.

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

LCMS
Method(s) 537 (modified): Isotope Dilution Analyte (IDA) recoveries were significantly above the method recommended limit for several analytes in the following samples: URS-03 (480-135305-1), SW-32 (480-135305-7), SW-33 (480-135305-8), URS-08 (480-135305-12), URS-02 (480-135305-19) and URS-05 (480-135305-24). These samples were re-analyzed at dilution with improved IDA recoveries indicating possible matrix affect; however, the target analyte response did not differ from the original analysis. Therefore, results were

Job ID: 480-135305-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

reported from the original analysis. Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following samples is below the method recommended limit for 13C4 PFBA: SW-32 (480-135305-7) and URS-05 (480-135305-24). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the samples.

Method(s) 537 (modified): Isotope Dilution Analyte (IDA) recoveries are above the method recommended limit for M2-6:2FTS and M2-8:2FTS the following samples: URS-09 (480-135305-13) and URS-15 (480-135305-14). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method(s) 537 (modified): Isotope Dilution Analyte (IDA) recoveries are above the method recommended limit for several analytes in the following sample: URS-13 (480-135305-26). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method(s) 537 (modified): The following sample has chromatographic interferences that could adversely impact the identification and quantitation of Perfluorobutanesulfonic acid (PFBS): SW-32 (480-135305-7) These interferences could cause false positive results.

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

Organic Prep

Method(s) 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-222744.

Method(s) 3535: The following samples URS-08 (480-135305-12) and URS-02 (480-135305-19) in preparation batch 320-222744 were observed to be cloudy after being brought to final volume.

Method(s) 3535: The following samples SW-32 (480-135305-7) and SW-33 (480-135305-8) in preparation batch 320-222744 were observed to be an orange color after being brought to final volume.

Method(s) 3535: The following samples URS-09 (480-135305-13) and URS-15 (480-135305-14) in preparation batch 320-222744 were observed to be a light yellow color after being brought to final volume.

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

VOA Prep

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

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-03
Date Collected: 05/02/18 13:36
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-1
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**62**		0.80	0.40	ug/L			05/08/18 03:32	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 144*		*05/08/18 03:32*	*2*
4-Bromofluorobenzene	*86*		*72 - 133*		*05/08/18 03:32*	*2*

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**640**		10	8.2	ug/L			05/10/18 12:24	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			05/10/18 12:24	10
1,1,2-Trichloro-1,2,2-trifluoroethane	**140**		10	3.1	ug/L			05/10/18 12:24	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			05/10/18 12:24	10
1,1-Dichloroethane	**210**		10	3.8	ug/L			05/10/18 12:24	10
1,1-Dichloroethene	**16**		10	2.9	ug/L			05/10/18 12:24	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			05/10/18 12:24	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			05/10/18 12:24	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			05/10/18 12:24	10
1,2-Dichloroethane	ND		10	2.1	ug/L			05/10/18 12:24	10
1,2-Dichloropropane	ND		10	7.2	ug/L			05/10/18 12:24	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			05/10/18 12:24	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			05/10/18 12:24	10
2-Butanone (MEK)	ND		100	13	ug/L			05/10/18 12:24	10
2-Hexanone	ND		50	12	ug/L			05/10/18 12:24	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			05/10/18 12:24	10
Acetone	ND		100	30	ug/L			05/10/18 12:24	10
Benzene	ND		10	4.1	ug/L			05/10/18 12:24	10
Bromoform	ND		10	2.6	ug/L			05/10/18 12:24	10
Bromomethane	ND		10	6.9	ug/L			05/10/18 12:24	10
Carbon disulfide	ND		10	1.9	ug/L			05/10/18 12:24	10
Carbon tetrachloride	ND		10	2.7	ug/L			05/10/18 12:24	10
Chlorobenzene	ND		10	7.5	ug/L			05/10/18 12:24	10
Dibromochloromethane	ND		10	3.2	ug/L			05/10/18 12:24	10
Chloroethane	ND		10	3.2	ug/L			05/10/18 12:24	10
Chloroform	ND		10	3.4	ug/L			05/10/18 12:24	10
Chloromethane	ND		10	3.5	ug/L			05/10/18 12:24	10
cis-1,2-Dichloroethene	**35**		10	8.1	ug/L			05/10/18 12:24	10
Cyclohexane	ND		10	1.8	ug/L			05/10/18 12:24	10
Bromodichloromethane	ND		10	3.9	ug/L			05/10/18 12:24	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			05/10/18 12:24	10
Ethylbenzene	ND		10	7.4	ug/L			05/10/18 12:24	10
1,2-Dibromoethane	ND		10	7.3	ug/L			05/10/18 12:24	10
Isopropylbenzene	ND		10	7.9	ug/L			05/10/18 12:24	10
Methyl acetate	ND		25	13	ug/L			05/10/18 12:24	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			05/10/18 12:24	10
Methylcyclohexane	ND		10	1.6	ug/L			05/10/18 12:24	10
Methylene Chloride	ND		10	4.4	ug/L			05/10/18 12:24	10
Tetrachloroethene	**5.1**	**J**	10	3.6	ug/L			05/10/18 12:24	10
Toluene	ND		10	5.1	ug/L			05/10/18 12:24	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			05/10/18 12:24	10

Client Sample ID: URS-03
Date Collected: 05/02/18 13:36
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			05/10/18 12:24	10
Trichloroethene	**37**		10	4.6	ug/L			05/10/18 12:24	10
Trichlorofluoromethane	ND		10	8.8	ug/L			05/10/18 12:24	10
Vinyl chloride	**14**		10	9.0	ug/L			05/10/18 12:24	10
Xylenes, Total	ND		20	6.6	ug/L			05/10/18 12:24	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			05/10/18 12:24	10
Styrene	ND		10	7.3	ug/L			05/10/18 12:24	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*		*05/10/18 12:24*	*10*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*05/10/18 12:24*	*10*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/10/18 12:24*	*10*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**8.9**		2.2	0.38	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluoropentanoic acid (PFPeA)	**9.2**		2.2	0.54	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorohexanoic acid (PFHxA)	**9.4**		2.2	0.64	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluoroheptanoic acid (PFHpA)	**4.9**		2.2	0.27	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorooctanoic acid (PFOA)	**16**		2.2	0.93	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorononanoic acid (PFNA)	**2.2**		2.2	0.30	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorodecanoic acid (PFDA)	**3.4**		2.2	0.34	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluoroundecanoic acid (PFUnA)	ND		2.2	1.2	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorododecanoic acid (PFDoA)	**1.7**	**J**	2.2	0.60	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.2	1.4	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.2	0.32	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorobutanesulfonic acid (PFBS)	**0.96**	**J**	2.2	0.22	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorohexanesulfonic acid (PFHxS)	**2.4**	**B**	2.2	0.19	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.64**	**J**	2.2	0.21	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorooctanesulfonic acid (PFOS)	**57**		2.2	0.59	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.2	0.35	ng/L		05/11/18 13:02	05/15/18 19:16	1
Perfluorooctane Sulfonamide (FOSA)	**0.43**	**J**	2.2	0.38	ng/L		05/11/18 13:02	05/15/18 19:16	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		22	3.4	ng/L		05/11/18 13:02	05/15/18 19:16	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		22	2.1	ng/L		05/11/18 13:02	05/15/18 19:16	1
6:2FTS	**4.5**	**J B**	22	2.2	ng/L		05/11/18 13:02	05/15/18 19:16	1
8:2FTS	ND		22	2.2	ng/L		05/11/18 13:02	05/15/18 19:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*63*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:16*	*1*
13C5 PFPeA	*77*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:16*	*1*
13C2 PFHxA	*81*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:16*	*1*
13C4-PFHpA	*88*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:16*	*1*
13C4 PFOA	*102*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:16*	*1*
13C5 PFNA	*102*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:16*	*1*
13C2 PFDA	*100*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:16*	*1*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-03
Date Collected: 05/02/18 13:36
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-1
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFUnA	108		25 - 150	05/11/18 13:02	05/15/18 19:16	1
13C2 PFDoA	107		25 - 150	05/11/18 13:02	05/15/18 19:16	1
13C2-PFTeDA	101		25 - 150	05/11/18 13:02	05/15/18 19:16	1
13C3-PFBS	82		25 - 150	05/11/18 13:02	05/15/18 19:16	1
18O2 PFHxS	87		25 - 150	05/11/18 13:02	05/15/18 19:16	1
13C4 PFOS	88		25 - 150	05/11/18 13:02	05/15/18 19:16	1
13C8 FOSA	70		25 - 150	05/11/18 13:02	05/15/18 19:16	1
d3-NMeFOSAA	162	*	25 - 150	05/11/18 13:02	05/15/18 19:16	1
d5-NEtFOSAA	154	*	25 - 150	05/11/18 13:02	05/15/18 19:16	1
M2-6:2FTS	246	*	25 - 150	05/11/18 13:02	05/15/18 19:16	1
M2-8:2FTS	463	*	25 - 150	05/11/18 13:02	05/15/18 19:16	1

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-1A
Date Collected: 05/02/18 13:47
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/10/18 12:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/10/18 12:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/10/18 12:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/10/18 12:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/10/18 12:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/10/18 12:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/10/18 12:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/10/18 12:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/10/18 12:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/10/18 12:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/10/18 12:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/10/18 12:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/10/18 12:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/10/18 12:51	1
2-Hexanone	ND		5.0	1.2	ug/L			05/10/18 12:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/10/18 12:51	1
Acetone	ND		10	3.0	ug/L			05/10/18 12:51	1
Benzene	ND		1.0	0.41	ug/L			05/10/18 12:51	1
Bromoform	ND		1.0	0.26	ug/L			05/10/18 12:51	1
Bromomethane	ND		1.0	0.69	ug/L			05/10/18 12:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/10/18 12:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/10/18 12:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/10/18 12:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/10/18 12:51	1
Chloroethane	ND		1.0	0.32	ug/L			05/10/18 12:51	1
Chloroform	ND		1.0	0.34	ug/L			05/10/18 12:51	1
Chloromethane	ND		1.0	0.35	ug/L			05/10/18 12:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/10/18 12:51	1
Cyclohexane	ND		1.0	0.18	ug/L			05/10/18 12:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/10/18 12:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/10/18 12:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/10/18 12:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/10/18 12:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/10/18 12:51	1
Methyl acetate	ND		2.5	1.3	ug/L			05/10/18 12:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/10/18 12:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/10/18 12:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/10/18 12:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/10/18 12:51	1
Toluene	ND		1.0	0.51	ug/L			05/10/18 12:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/10/18 12:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/10/18 12:51	1
Trichloroethene	ND		1.0	0.46	ug/L			05/10/18 12:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/10/18 12:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/10/18 12:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/10/18 12:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/10/18 12:51	1
Styrene	ND		1.0	0.73	ug/L			05/10/18 12:51	1

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-1A
Date Collected: 05/02/18 13:47
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		77 - 120		05/10/18 12:51	1
4-Bromofluorobenzene (Surr)	91		73 - 120		05/10/18 12:51	1
Toluene-d8 (Surr)	94		80 - 120		05/10/18 12:51	1

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: OW-5S
Date Collected: 05/02/18 13:55
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.89**	**J**	1.0	0.82	ug/L			05/10/18 13:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/10/18 13:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.5**		1.0	0.31	ug/L			05/10/18 13:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/10/18 13:18	1
1,1-Dichloroethane	**14**		1.0	0.38	ug/L			05/10/18 13:18	1
1,1-Dichloroethene	**4.8**		1.0	0.29	ug/L			05/10/18 13:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/10/18 13:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/10/18 13:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/10/18 13:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/10/18 13:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/10/18 13:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/10/18 13:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/10/18 13:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/10/18 13:18	1
2-Hexanone	ND		5.0	1.2	ug/L			05/10/18 13:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/10/18 13:18	1
Acetone	ND		10	3.0	ug/L			05/10/18 13:18	1
Benzene	ND		1.0	0.41	ug/L			05/10/18 13:18	1
Bromoform	ND		1.0	0.26	ug/L			05/10/18 13:18	1
Bromomethane	ND		1.0	0.69	ug/L			05/10/18 13:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/10/18 13:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/10/18 13:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/10/18 13:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/10/18 13:18	1
Chloroethane	ND		1.0	0.32	ug/L			05/10/18 13:18	1
Chloroform	ND		1.0	0.34	ug/L			05/10/18 13:18	1
Chloromethane	ND		1.0	0.35	ug/L			05/10/18 13:18	1
cis-1,2-Dichloroethene	**11**		1.0	0.81	ug/L			05/10/18 13:18	1
Cyclohexane	ND		1.0	0.18	ug/L			05/10/18 13:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/10/18 13:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/10/18 13:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/10/18 13:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/10/18 13:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/10/18 13:18	1
Methyl acetate	ND		2.5	1.3	ug/L			05/10/18 13:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/10/18 13:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/10/18 13:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/10/18 13:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/10/18 13:18	1
Toluene	ND		1.0	0.51	ug/L			05/10/18 13:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/10/18 13:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/10/18 13:18	1
Trichloroethene	**33**		1.0	0.46	ug/L			05/10/18 13:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/10/18 13:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/10/18 13:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/10/18 13:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/10/18 13:18	1
Styrene	ND		1.0	0.73	ug/L			05/10/18 13:18	1

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: OW-5S
Date Collected: 05/02/18 13:55
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		77 - 120		05/10/18 13:18	1
4-Bromofluorobenzene (Surr)	91		73 - 120		05/10/18 13:18	1
Toluene-d8 (Surr)	94		80 - 120		05/10/18 13:18	1

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: B1/PZ-3
Date Collected: 05/02/18 14:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/10/18 13:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/10/18 13:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/10/18 13:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/10/18 13:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/10/18 13:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/10/18 13:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/10/18 13:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/10/18 13:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/10/18 13:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/10/18 13:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/10/18 13:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/10/18 13:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/10/18 13:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/10/18 13:46	1
2-Hexanone	ND		5.0	1.2	ug/L			05/10/18 13:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/10/18 13:46	1
Acetone	ND		10	3.0	ug/L			05/10/18 13:46	1
Benzene	ND		1.0	0.41	ug/L			05/10/18 13:46	1
Bromoform	ND		1.0	0.26	ug/L			05/10/18 13:46	1
Bromomethane	ND		1.0	0.69	ug/L			05/10/18 13:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/10/18 13:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/10/18 13:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/10/18 13:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/10/18 13:46	1
Chloroethane	ND		1.0	0.32	ug/L			05/10/18 13:46	1
Chloroform	ND		1.0	0.34	ug/L			05/10/18 13:46	1
Chloromethane	ND		1.0	0.35	ug/L			05/10/18 13:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/10/18 13:46	1
Cyclohexane	ND		1.0	0.18	ug/L			05/10/18 13:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/10/18 13:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/10/18 13:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/10/18 13:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/10/18 13:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/10/18 13:46	1
Methyl acetate	ND		2.5	1.3	ug/L			05/10/18 13:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/10/18 13:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/10/18 13:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/10/18 13:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/10/18 13:46	1
Toluene	ND		1.0	0.51	ug/L			05/10/18 13:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/10/18 13:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/10/18 13:46	1
Trichloroethene	ND		1.0	0.46	ug/L			05/10/18 13:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/10/18 13:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/10/18 13:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/10/18 13:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/10/18 13:46	1
Styrene	ND		1.0	0.73	ug/L			05/10/18 13:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: B1/PZ-3
Date Collected: 05/02/18 14:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		05/10/18 13:46	1
4-Bromofluorobenzene (Surr)	93		73 - 120		05/10/18 13:46	1
Toluene-d8 (Surr)	99		80 - 120		05/10/18 13:46	1

Client Sample ID: FD1-050218

Date Collected: 05/02/18 00:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		400	330	ug/L			05/10/18 14:14	400
1,1,2,2-Tetrachloroethane	ND		400	84	ug/L			05/10/18 14:14	400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		400	120	ug/L			05/10/18 14:14	400
1,1,2-Trichloroethane	ND		400	92	ug/L			05/10/18 14:14	400
1,1-Dichloroethane	**1400**		400	150	ug/L			05/10/18 14:14	400
1,1-Dichloroethene	ND		400	120	ug/L			05/10/18 14:14	400
1,2,4-Trichlorobenzene	ND		400	160	ug/L			05/10/18 14:14	400
1,2-Dibromo-3-Chloropropane	ND		400	160	ug/L			05/10/18 14:14	400
1,2-Dichlorobenzene	ND		400	320	ug/L			05/10/18 14:14	400
1,2-Dichloroethane	ND		400	84	ug/L			05/10/18 14:14	400
1,2-Dichloropropane	ND		400	290	ug/L			05/10/18 14:14	400
1,3-Dichlorobenzene	ND		400	310	ug/L			05/10/18 14:14	400
1,4-Dichlorobenzene	ND		400	340	ug/L			05/10/18 14:14	400
2-Butanone (MEK)	ND		4000	530	ug/L			05/10/18 14:14	400
2-Hexanone	ND		2000	500	ug/L			05/10/18 14:14	400
4-Methyl-2-pentanone (MIBK)	ND		2000	840	ug/L			05/10/18 14:14	400
Acetone	ND		4000	1200	ug/L			05/10/18 14:14	400
Benzene	ND		400	160	ug/L			05/10/18 14:14	400
Bromoform	ND		400	100	ug/L			05/10/18 14:14	400
Bromomethane	ND		400	280	ug/L			05/10/18 14:14	400
Carbon disulfide	ND		400	76	ug/L			05/10/18 14:14	400
Carbon tetrachloride	ND		400	110	ug/L			05/10/18 14:14	400
Chlorobenzene	ND		400	300	ug/L			05/10/18 14:14	400
Dibromochloromethane	ND		400	130	ug/L			05/10/18 14:14	400
Chloroethane	ND		400	130	ug/L			05/10/18 14:14	400
Chloroform	ND		400	140	ug/L			05/10/18 14:14	400
Chloromethane	ND		400	140	ug/L			05/10/18 14:14	400
cis-1,2-Dichloroethene	**10000**	**F1**	400	320	ug/L			05/10/18 14:14	400
Cyclohexane	ND		400	72	ug/L			05/10/18 14:14	400
Bromodichloromethane	ND		400	160	ug/L			05/10/18 14:14	400
Dichlorodifluoromethane	ND		400	270	ug/L			05/10/18 14:14	400
Ethylbenzene	ND		400	300	ug/L			05/10/18 14:14	400
1,2-Dibromoethane	ND		400	290	ug/L			05/10/18 14:14	400
Isopropylbenzene	ND		400	320	ug/L			05/10/18 14:14	400
Methyl acetate	ND		1000	520	ug/L			05/10/18 14:14	400
Methyl tert-butyl ether	ND		400	64	ug/L			05/10/18 14:14	400
Methylcyclohexane	ND		400	64	ug/L			05/10/18 14:14	400
Methylene Chloride	ND		400	180	ug/L			05/10/18 14:14	400
Tetrachloroethene	ND		400	140	ug/L			05/10/18 14:14	400
Toluene	ND		400	200	ug/L			05/10/18 14:14	400
trans-1,2-Dichloroethene	ND		400	360	ug/L			05/10/18 14:14	400
trans-1,3-Dichloropropene	ND		400	150	ug/L			05/10/18 14:14	400
Trichloroethene	**230**	**J**	400	180	ug/L			05/10/18 14:14	400
Trichlorofluoromethane	ND		400	350	ug/L			05/10/18 14:14	400
Vinyl chloride	**1900**		400	360	ug/L			05/10/18 14:14	400
Xylenes, Total	ND		800	260	ug/L			05/10/18 14:14	400
cis-1,3-Dichloropropene	ND		400	140	ug/L			05/10/18 14:14	400
Styrene	ND		400	290	ug/L			05/10/18 14:14	400

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: FD1-050218
Date Collected: 05/02/18 00:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*		*05/10/18 14:14*	*400*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*05/10/18 14:14*	*400*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/10/18 14:14*	*400*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: OW-7S
Date Collected: 05/02/18 14:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			05/10/18 14:41	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			05/10/18 14:41	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			05/10/18 14:41	200
1,1,2-Trichloroethane	ND		200	46	ug/L			05/10/18 14:41	200
1,1-Dichloroethane	**1300**		200	76	ug/L			05/10/18 14:41	200
1,1-Dichloroethene	ND		200	58	ug/L			05/10/18 14:41	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			05/10/18 14:41	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			05/10/18 14:41	200
1,2-Dichlorobenzene	ND		200	160	ug/L			05/10/18 14:41	200
1,2-Dichloroethane	ND		200	42	ug/L			05/10/18 14:41	200
1,2-Dichloropropane	ND		200	140	ug/L			05/10/18 14:41	200
1,3-Dichlorobenzene	ND		200	160	ug/L			05/10/18 14:41	200
1,4-Dichlorobenzene	ND		200	170	ug/L			05/10/18 14:41	200
2-Butanone (MEK)	ND		2000	260	ug/L			05/10/18 14:41	200
2-Hexanone	ND		1000	250	ug/L			05/10/18 14:41	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			05/10/18 14:41	200
Acetone	ND		2000	600	ug/L			05/10/18 14:41	200
Benzene	ND		200	82	ug/L			05/10/18 14:41	200
Bromoform	ND		200	52	ug/L			05/10/18 14:41	200
Bromomethane	ND		200	140	ug/L			05/10/18 14:41	200
Carbon disulfide	ND		200	38	ug/L			05/10/18 14:41	200
Carbon tetrachloride	ND		200	54	ug/L			05/10/18 14:41	200
Chlorobenzene	ND		200	150	ug/L			05/10/18 14:41	200
Dibromochloromethane	ND		200	64	ug/L			05/10/18 14:41	200
Chloroethane	ND		200	64	ug/L			05/10/18 14:41	200
Chloroform	ND		200	68	ug/L			05/10/18 14:41	200
Chloromethane	ND		200	70	ug/L			05/10/18 14:41	200
cis-1,2-Dichloroethene	**10000**		200	160	ug/L			05/10/18 14:41	200
Cyclohexane	ND		200	36	ug/L			05/10/18 14:41	200
Bromodichloromethane	ND		200	78	ug/L			05/10/18 14:41	200
Dichlorodifluoromethane	ND		200	140	ug/L			05/10/18 14:41	200
Ethylbenzene	ND		200	150	ug/L			05/10/18 14:41	200
1,2-Dibromoethane	ND		200	150	ug/L			05/10/18 14:41	200
Isopropylbenzene	ND		200	160	ug/L			05/10/18 14:41	200
Methyl acetate	ND		500	260	ug/L			05/10/18 14:41	200
Methyl tert-butyl ether	ND		200	32	ug/L			05/10/18 14:41	200
Methylcyclohexane	ND		200	32	ug/L			05/10/18 14:41	200
Methylene Chloride	ND		200	88	ug/L			05/10/18 14:41	200
Tetrachloroethene	ND		200	72	ug/L			05/10/18 14:41	200
Toluene	ND		200	100	ug/L			05/10/18 14:41	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			05/10/18 14:41	200
trans-1,3-Dichloropropene	ND		200	74	ug/L			05/10/18 14:41	200
Trichloroethene	**210**		200	92	ug/L			05/10/18 14:41	200
Trichlorofluoromethane	ND		200	180	ug/L			05/10/18 14:41	200
Vinyl chloride	**1800**		200	180	ug/L			05/10/18 14:41	200
Xylenes, Total	ND		400	130	ug/L			05/10/18 14:41	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			05/10/18 14:41	200
Styrene	ND		200	150	ug/L			05/10/18 14:41	200

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: OW-7S
Date Collected: 05/02/18 14:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		05/10/18 14:41	200
4-Bromofluorobenzene (Surr)	90		73 - 120		05/10/18 14:41	200
Toluene-d8 (Surr)	92		80 - 120		05/10/18 14:41	200

Client Sample ID: SW-32

Date Collected: 05/02/18 14:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-7

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**8000**		100	50	ug/L			05/07/18 03:03	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 144*		*05/07/18 03:03*	*250*
4-Bromofluorobenzene	*85*		*72 - 133*		*05/07/18 03:03*	*250*

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**630000**		20000	16000	ug/L			05/10/18 02:09	20000
1,1,2,2-Tetrachloroethane	ND		20000	4200	ug/L			05/10/18 02:09	20000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20000	6200	ug/L			05/10/18 02:09	20000
1,1,2-Trichloroethane	ND		20000	4600	ug/L			05/10/18 02:09	20000
1,1-Dichloroethane	**90000**		20000	7600	ug/L			05/10/18 02:09	20000
1,1-Dichloroethene	ND		20000	5800	ug/L			05/10/18 02:09	20000
1,2,4-Trichlorobenzene	ND		20000	8200	ug/L			05/10/18 02:09	20000
1,2-Dibromo-3-Chloropropane	ND		20000	7800	ug/L			05/10/18 02:09	20000
1,2-Dichlorobenzene	ND		20000	16000	ug/L			05/10/18 02:09	20000
1,2-Dichloroethane	ND		20000	4200	ug/L			05/10/18 02:09	20000
1,2-Dichloropropane	ND		20000	14000	ug/L			05/10/18 02:09	20000
1,3-Dichlorobenzene	ND		20000	16000	ug/L			05/10/18 02:09	20000
1,4-Dichlorobenzene	ND		20000	17000	ug/L			05/10/18 02:09	20000
2-Butanone (MEK)	ND		200000	26000	ug/L			05/10/18 02:09	20000
2-Hexanone	ND		100000	25000	ug/L			05/10/18 02:09	20000
4-Methyl-2-pentanone (MIBK)	ND		100000	42000	ug/L			05/10/18 02:09	20000
Acetone	ND		200000	60000	ug/L			05/10/18 02:09	20000
Benzene	ND		20000	8200	ug/L			05/10/18 02:09	20000
Bromoform	ND		20000	5200	ug/L			05/10/18 02:09	20000
Bromomethane	ND		20000	14000	ug/L			05/10/18 02:09	20000
Carbon disulfide	ND		20000	3800	ug/L			05/10/18 02:09	20000
Carbon tetrachloride	ND		20000	5400	ug/L			05/10/18 02:09	20000
Chlorobenzene	ND		20000	15000	ug/L			05/10/18 02:09	20000
Dibromochloromethane	ND		20000	6400	ug/L			05/10/18 02:09	20000
Chloroethane	ND		20000	6400	ug/L			05/10/18 02:09	20000
Chloroform	ND		20000	6800	ug/L			05/10/18 02:09	20000
Chloromethane	ND		20000	7000	ug/L			05/10/18 02:09	20000
cis-1,2-Dichloroethene	ND		20000	16000	ug/L			05/10/18 02:09	20000
Cyclohexane	ND		20000	3600	ug/L			05/10/18 02:09	20000
Bromodichloromethane	ND		20000	7800	ug/L			05/10/18 02:09	20000
Dichlorodifluoromethane	ND		20000	14000	ug/L			05/10/18 02:09	20000
Ethylbenzene	ND		20000	15000	ug/L			05/10/18 02:09	20000
1,2-Dibromoethane	ND		20000	15000	ug/L			05/10/18 02:09	20000
Isopropylbenzene	ND		20000	16000	ug/L			05/10/18 02:09	20000
Methyl acetate	ND		50000	26000	ug/L			05/10/18 02:09	20000
Methyl tert-butyl ether	ND		20000	3200	ug/L			05/10/18 02:09	20000
Methylcyclohexane	ND		20000	3200	ug/L			05/10/18 02:09	20000
Methylene Chloride	ND		20000	8800	ug/L			05/10/18 02:09	20000
Tetrachloroethene	ND		20000	7200	ug/L			05/10/18 02:09	20000
Toluene	ND		20000	10000	ug/L			05/10/18 02:09	20000
trans-1,2-Dichloroethene	ND		20000	18000	ug/L			05/10/18 02:09	20000
trans-1,3-Dichloropropene	ND		20000	7400	ug/L			05/10/18 02:09	20000

Client Sample ID: SW-32
Date Collected: 05/02/18 14:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		20000	9200	ug/L			05/10/18 02:09	20000
Trichlorofluoromethane	ND		20000	18000	ug/L			05/10/18 02:09	20000
Vinyl chloride	ND		20000	18000	ug/L			05/10/18 02:09	20000
Xylenes, Total	ND		40000	13000	ug/L			05/10/18 02:09	20000
cis-1,3-Dichloropropene	ND		20000	7200	ug/L			05/10/18 02:09	20000
Styrene	ND		20000	15000	ug/L			05/10/18 02:09	20000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*05/10/18 02:09*	*20000*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*05/10/18 02:09*	*20000*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/10/18 02:09*	*20000*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**98**		1.8	0.31	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluoropentanoic acid (PFPeA)	**37**		1.8	0.43	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorohexanoic acid (PFHxA)	**38**		1.8	0.51	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluoroheptanoic acid (PFHpA)	**12**		1.8	0.22	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorooctanoic acid (PFOA)	**32**		1.8	0.75	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorononanoic acid (PFNA)	**1.7**	**J**	1.8	0.24	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorodecanoic acid (PFDA)	**2.3**		1.8	0.27	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.97	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.49	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.8	1.1	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.26	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorobutanesulfonic acid (PFBS)	**8.5**	**CI**	1.8	0.18	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorohexanesulfonic acid (PFHxS)	**3.6**	**B**	1.8	0.15	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.77**	**J**	1.8	0.17	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorooctanesulfonic acid (PFOS)	**36**		1.8	0.48	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.28	ng/L		05/11/18 13:02	05/15/18 19:24	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.8	0.31	ng/L		05/11/18 13:02	05/15/18 19:24	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		18	2.7	ng/L		05/11/18 13:02	05/15/18 19:24	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		18	1.7	ng/L		05/11/18 13:02	05/15/18 19:24	1
6:2FTS	**2.9**	**J B**	18	1.8	ng/L		05/11/18 13:02	05/15/18 19:24	1
8:2FTS	ND		18	1.8	ng/L		05/11/18 13:02	05/15/18 19:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*12*	*	*25 - 150*	*05/11/18 13:02*	*05/15/18 19:24*	*1*
13C5 PFPeA	*47*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:24*	*1*
13C2 PFHxA	*64*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:24*	*1*
13C4-PFHpA	*77*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:24*	*1*
13C4 PFOA	*102*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:24*	*1*
13C5 PFNA	*123*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:24*	*1*
13C2 PFDA	*123*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:24*	*1*
13C2 PFUnA	*138*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:24*	*1*
13C2 PFDoA	*128*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:24*	*1*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: SW-32
Date Collected: 05/02/18 14:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-7
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-PFTeDA	108		25 - 150	05/11/18 13:02	05/15/18 19:24	1
13C3-PFBS	93		25 - 150	05/11/18 13:02	05/15/18 19:24	1
18O2 PFHxS	102		25 - 150	05/11/18 13:02	05/15/18 19:24	1
13C4 PFOS	114		25 - 150	05/11/18 13:02	05/15/18 19:24	1
13C8 FOSA	55		25 - 150	05/11/18 13:02	05/15/18 19:24	1
d3-NMeFOSAA	177	*	25 - 150	05/11/18 13:02	05/15/18 19:24	1
d5-NEtFOSAA	206	*	25 - 150	05/11/18 13:02	05/15/18 19:24	1
M2-6:2FTS	394	*	25 - 150	05/11/18 13:02	05/15/18 19:24	1
M2-8:2FTS	666	*	25 - 150	05/11/18 13:02	05/15/18 19:24	1

Client Sample ID: SW-33

Date Collected: 05/02/18 14:30
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-8

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3400**		40	20	ug/L			05/08/18 04:26	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 144*		*05/08/18 04:26*	*100*
4-Bromofluorobenzene	*92*		*72 - 133*		*05/08/18 04:26*	*100*

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10000	8200	ug/L			05/10/18 02:37	10000
1,1,2,2-Tetrachloroethane	ND		10000	2100	ug/L			05/10/18 02:37	10000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10000	3100	ug/L			05/10/18 02:37	10000
1,1,2-Trichloroethane	ND		10000	2300	ug/L			05/10/18 02:37	10000
1,1-Dichloroethane	**20000**		10000	3800	ug/L			05/10/18 02:37	10000
1,1-Dichloroethene	ND		10000	2900	ug/L			05/10/18 02:37	10000
1,2,4-Trichlorobenzene	ND		10000	4100	ug/L			05/10/18 02:37	10000
1,2-Dibromo-3-Chloropropane	ND		10000	3900	ug/L			05/10/18 02:37	10000
1,2-Dichlorobenzene	ND		10000	7900	ug/L			05/10/18 02:37	10000
1,2-Dichloroethane	ND		10000	2100	ug/L			05/10/18 02:37	10000
1,2-Dichloropropane	ND		10000	7200	ug/L			05/10/18 02:37	10000
1,3-Dichlorobenzene	ND		10000	7800	ug/L			05/10/18 02:37	10000
1,4-Dichlorobenzene	ND		10000	8400	ug/L			05/10/18 02:37	10000
2-Butanone (MEK)	ND		100000	13000	ug/L			05/10/18 02:37	10000
2-Hexanone	ND		50000	12000	ug/L			05/10/18 02:37	10000
4-Methyl-2-pentanone (MIBK)	ND		50000	21000	ug/L			05/10/18 02:37	10000
Acetone	ND	F2	100000	30000	ug/L			05/10/18 02:37	10000
Benzene	ND		10000	4100	ug/L			05/10/18 02:37	10000
Bromoform	ND		10000	2600	ug/L			05/10/18 02:37	10000
Bromomethane	ND		10000	6900	ug/L			05/10/18 02:37	10000
Carbon disulfide	ND		10000	1900	ug/L			05/10/18 02:37	10000
Carbon tetrachloride	ND		10000	2700	ug/L			05/10/18 02:37	10000
Chlorobenzene	ND		10000	7500	ug/L			05/10/18 02:37	10000
Dibromochloromethane	ND		10000	3200	ug/L			05/10/18 02:37	10000
Chloroethane	**16000**		10000	3200	ug/L			05/10/18 02:37	10000
Chloroform	ND		10000	3400	ug/L			05/10/18 02:37	10000
Chloromethane	ND		10000	3500	ug/L			05/10/18 02:37	10000
cis-1,2-Dichloroethene	ND		10000	8100	ug/L			05/10/18 02:37	10000
Cyclohexane	ND		10000	1800	ug/L			05/10/18 02:37	10000
Bromodichloromethane	ND		10000	3900	ug/L			05/10/18 02:37	10000
Dichlorodifluoromethane	ND		10000	6800	ug/L			05/10/18 02:37	10000
Ethylbenzene	ND		10000	7400	ug/L			05/10/18 02:37	10000
1,2-Dibromoethane	ND		10000	7300	ug/L			05/10/18 02:37	10000
Isopropylbenzene	ND		10000	7900	ug/L			05/10/18 02:37	10000
Methyl acetate	ND		25000	13000	ug/L			05/10/18 02:37	10000
Methyl tert-butyl ether	ND		10000	1600	ug/L			05/10/18 02:37	10000
Methylcyclohexane	ND		10000	1600	ug/L			05/10/18 02:37	10000
Methylene Chloride	ND		10000	4400	ug/L			05/10/18 02:37	10000
Tetrachloroethene	ND		10000	3600	ug/L			05/10/18 02:37	10000
Toluene	ND		10000	5100	ug/L			05/10/18 02:37	10000
trans-1,2-Dichloroethene	ND		10000	9000	ug/L			05/10/18 02:37	10000
trans-1,3-Dichloropropene	ND		10000	3700	ug/L			05/10/18 02:37	10000

Client Sample ID: SW-33
Date Collected: 05/02/18 14:30
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-8
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		10000	4600	ug/L			05/10/18 02:37	10000
Trichlorofluoromethane	ND		10000	8800	ug/L			05/10/18 02:37	10000
Vinyl chloride	ND		10000	9000	ug/L			05/10/18 02:37	10000
Xylenes, Total	ND		20000	6600	ug/L			05/10/18 02:37	10000
cis-1,3-Dichloropropene	ND		10000	3600	ug/L			05/10/18 02:37	10000
Styrene	ND		10000	7300	ug/L			05/10/18 02:37	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*		*05/10/18 02:37*	*10000*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*05/10/18 02:37*	*10000*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/10/18 02:37*	*10000*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**65**		1.8	0.31	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluoropentanoic acid (PFPeA)	**60**		1.8	0.43	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorohexanoic acid (PFHxA)	**74**		1.8	0.51	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluoroheptanoic acid (PFHpA)	**19**		1.8	0.22	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorooctanoic acid (PFOA)	**59**		1.8	0.75	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorononanoic acid (PFNA)	**2.8**		1.8	0.24	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorodecanoic acid (PFDA)	**1.2**	**J**	1.8	0.27	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.96	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.48	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.8	1.1	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.25	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8	0.18	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorohexanesulfonic acid (PFHxS)	**5.0**	**B**	1.8	0.15	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.81**	**J**	1.8	0.17	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorooctanesulfonic acid (PFOS)	**59**		1.8	0.47	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.28	ng/L		05/11/18 13:02	05/15/18 19:32	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.8	0.31	ng/L		05/11/18 13:02	05/15/18 19:32	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		18	2.7	ng/L		05/11/18 13:02	05/15/18 19:32	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		18	1.7	ng/L		05/11/18 13:02	05/15/18 19:32	1
6:2FTS	**4.0**	**J B**	18	1.8	ng/L		05/11/18 13:02	05/15/18 19:32	1
8:2FTS	ND		18	1.8	ng/L		05/11/18 13:02	05/15/18 19:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*38*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:32*	*1*
13C5 PFPeA	*48*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:32*	*1*
13C2 PFHxA	*69*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:32*	*1*
13C4-PFHpA	*81*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:32*	*1*
13C4 PFOA	*103*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:32*	*1*
13C5 PFNA	*112*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:32*	*1*
13C2 PFDA	*118*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:32*	*1*
13C2 PFUnA	*125*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:32*	*1*
13C2 PFDoA	*106*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:32*	*1*
13C2-PFTeDA	*55*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:32*	*1*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: SW-33
Date Collected: 05/02/18 14:30
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-8
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3-PFBS	80		25 - 150	05/11/18 13:02	05/15/18 19:32	1
18O2 PFHxS	105		25 - 150	05/11/18 13:02	05/15/18 19:32	1
13C4 PFOS	105		25 - 150	05/11/18 13:02	05/15/18 19:32	1
13C8 FOSA	64		25 - 150	05/11/18 13:02	05/15/18 19:32	1
d3-NMeFOSAA	164	*	25 - 150	05/11/18 13:02	05/15/18 19:32	1
d5-NEtFOSAA	170	*	25 - 150	05/11/18 13:02	05/15/18 19:32	1
M2-6:2FTS	232	*	25 - 150	05/11/18 13:02	05/15/18 19:32	1
M2-8:2FTS	487	*	25 - 150	05/11/18 13:02	05/15/18 19:32	1

Client Sample ID: SW-37

Date Collected: 05/02/18 15:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1200**		400	330	ug/L			05/10/18 03:05	400
1,1,2,2-Tetrachloroethane	ND		400	84	ug/L			05/10/18 03:05	400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		400	120	ug/L			05/10/18 03:05	400
1,1,2-Trichloroethane	ND		400	92	ug/L			05/10/18 03:05	400
1,1-Dichloroethane	**7700**		400	150	ug/L			05/10/18 03:05	400
1,1-Dichloroethene	ND		400	120	ug/L			05/10/18 03:05	400
1,2,4-Trichlorobenzene	ND		400	160	ug/L			05/10/18 03:05	400
1,2-Dibromo-3-Chloropropane	ND		400	160	ug/L			05/10/18 03:05	400
1,2-Dichlorobenzene	ND		400	320	ug/L			05/10/18 03:05	400
1,2-Dichloroethane	ND		400	84	ug/L			05/10/18 03:05	400
1,2-Dichloropropane	ND		400	290	ug/L			05/10/18 03:05	400
1,3-Dichlorobenzene	ND		400	310	ug/L			05/10/18 03:05	400
1,4-Dichlorobenzene	ND		400	340	ug/L			05/10/18 03:05	400
2-Butanone (MEK)	ND		4000	530	ug/L			05/10/18 03:05	400
2-Hexanone	ND		2000	500	ug/L			05/10/18 03:05	400
4-Methyl-2-pentanone (MIBK)	ND		2000	840	ug/L			05/10/18 03:05	400
Acetone	ND		4000	1200	ug/L			05/10/18 03:05	400
Benzene	ND		400	160	ug/L			05/10/18 03:05	400
Bromoform	ND		400	100	ug/L			05/10/18 03:05	400
Bromomethane	ND		400	280	ug/L			05/10/18 03:05	400
Carbon disulfide	ND		400	76	ug/L			05/10/18 03:05	400
Carbon tetrachloride	ND		400	110	ug/L			05/10/18 03:05	400
Chlorobenzene	ND		400	300	ug/L			05/10/18 03:05	400
Dibromochloromethane	ND		400	130	ug/L			05/10/18 03:05	400
Chloroethane	ND		400	130	ug/L			05/10/18 03:05	400
Chloroform	ND		400	140	ug/L			05/10/18 03:05	400
Chloromethane	ND		400	140	ug/L			05/10/18 03:05	400
cis-1,2-Dichloroethene	**6200**		400	320	ug/L			05/10/18 03:05	400
Cyclohexane	ND		400	72	ug/L			05/10/18 03:05	400
Bromodichloromethane	ND		400	160	ug/L			05/10/18 03:05	400
Dichlorodifluoromethane	ND		400	270	ug/L			05/10/18 03:05	400
Ethylbenzene	ND		400	300	ug/L			05/10/18 03:05	400
1,2-Dibromoethane	ND		400	290	ug/L			05/10/18 03:05	400
Isopropylbenzene	ND		400	320	ug/L			05/10/18 03:05	400
Methyl acetate	ND		1000	520	ug/L			05/10/18 03:05	400
Methyl tert-butyl ether	ND		400	64	ug/L			05/10/18 03:05	400
Methylcyclohexane	ND		400	64	ug/L			05/10/18 03:05	400
Methylene Chloride	ND		400	180	ug/L			05/10/18 03:05	400
Tetrachloroethene	ND		400	140	ug/L			05/10/18 03:05	400
Toluene	ND		400	200	ug/L			05/10/18 03:05	400
trans-1,2-Dichloroethene	ND		400	360	ug/L			05/10/18 03:05	400
trans-1,3-Dichloropropene	ND		400	150	ug/L			05/10/18 03:05	400
Trichloroethene	ND		400	180	ug/L			05/10/18 03:05	400
Trichlorofluoromethane	ND		400	350	ug/L			05/10/18 03:05	400
Vinyl chloride	**2700**		400	360	ug/L			05/10/18 03:05	400
Xylenes, Total	ND		800	260	ug/L			05/10/18 03:05	400
cis-1,3-Dichloropropene	ND		400	140	ug/L			05/10/18 03:05	400
Styrene	ND		400	290	ug/L			05/10/18 03:05	400

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: SW-37
Date Collected: 05/02/18 15:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		05/10/18 03:05	400
4-Bromofluorobenzene (Surr)	89		73 - 120		05/10/18 03:05	400
Toluene-d8 (Surr)	95		80 - 120		05/10/18 03:05	400

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-11
Date Collected: 05/02/18 15:05
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-10
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	820	ug/L			05/10/18 03:32	1000
1,1,2,2-Tetrachloroethane	ND		1000	210	ug/L			05/10/18 03:32	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	310	ug/L			05/10/18 03:32	1000
1,1,2-Trichloroethane	ND		1000	230	ug/L			05/10/18 03:32	1000
1,1-Dichloroethane	**6100**		1000	380	ug/L			05/10/18 03:32	1000
1,1-Dichloroethene	ND		1000	290	ug/L			05/10/18 03:32	1000
1,2,4-Trichlorobenzene	ND		1000	410	ug/L			05/10/18 03:32	1000
1,2-Dibromo-3-Chloropropane	ND		1000	390	ug/L			05/10/18 03:32	1000
1,2-Dichlorobenzene	ND		1000	790	ug/L			05/10/18 03:32	1000
1,2-Dichloroethane	ND		1000	210	ug/L			05/10/18 03:32	1000
1,2-Dichloropropane	ND		1000	720	ug/L			05/10/18 03:32	1000
1,3-Dichlorobenzene	ND		1000	780	ug/L			05/10/18 03:32	1000
1,4-Dichlorobenzene	ND		1000	840	ug/L			05/10/18 03:32	1000
2-Butanone (MEK)	ND		10000	1300	ug/L			05/10/18 03:32	1000
2-Hexanone	ND		5000	1200	ug/L			05/10/18 03:32	1000
4-Methyl-2-pentanone (MIBK)	ND		5000	2100	ug/L			05/10/18 03:32	1000
Acetone	ND		10000	3000	ug/L			05/10/18 03:32	1000
Benzene	ND		1000	410	ug/L			05/10/18 03:32	1000
Bromoform	ND		1000	260	ug/L			05/10/18 03:32	1000
Bromomethane	ND		1000	690	ug/L			05/10/18 03:32	1000
Carbon disulfide	ND		1000	190	ug/L			05/10/18 03:32	1000
Carbon tetrachloride	ND		1000	270	ug/L			05/10/18 03:32	1000
Chlorobenzene	ND		1000	750	ug/L			05/10/18 03:32	1000
Dibromochloromethane	ND		1000	320	ug/L			05/10/18 03:32	1000
Chloroethane	**22000**		1000	320	ug/L			05/10/18 03:32	1000
Chloroform	ND		1000	340	ug/L			05/10/18 03:32	1000
Chloromethane	**400**	**J**	1000	350	ug/L			05/10/18 03:32	1000
cis-1,2-Dichloroethene	ND		1000	810	ug/L			05/10/18 03:32	1000
Cyclohexane	ND		1000	180	ug/L			05/10/18 03:32	1000
Bromodichloromethane	ND		1000	390	ug/L			05/10/18 03:32	1000
Dichlorodifluoromethane	ND		1000	680	ug/L			05/10/18 03:32	1000
Ethylbenzene	ND		1000	740	ug/L			05/10/18 03:32	1000
1,2-Dibromoethane	ND		1000	730	ug/L			05/10/18 03:32	1000
Isopropylbenzene	ND		1000	790	ug/L			05/10/18 03:32	1000
Methyl acetate	ND		2500	1300	ug/L			05/10/18 03:32	1000
Methyl tert-butyl ether	ND		1000	160	ug/L			05/10/18 03:32	1000
Methylcyclohexane	ND		1000	160	ug/L			05/10/18 03:32	1000
Methylene Chloride	ND		1000	440	ug/L			05/10/18 03:32	1000
Tetrachloroethene	ND		1000	360	ug/L			05/10/18 03:32	1000
Toluene	ND		1000	510	ug/L			05/10/18 03:32	1000
trans-1,2-Dichloroethene	ND		1000	900	ug/L			05/10/18 03:32	1000
trans-1,3-Dichloropropene	ND		1000	370	ug/L			05/10/18 03:32	1000
Trichloroethene	ND		1000	460	ug/L			05/10/18 03:32	1000
Trichlorofluoromethane	ND		1000	880	ug/L			05/10/18 03:32	1000
Vinyl chloride	ND		1000	900	ug/L			05/10/18 03:32	1000
Xylenes, Total	ND		2000	660	ug/L			05/10/18 03:32	1000
cis-1,3-Dichloropropene	ND		1000	360	ug/L			05/10/18 03:32	1000
Styrene	ND		1000	730	ug/L			05/10/18 03:32	1000

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-11
Date Collected: 05/02/18 15:05
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		77 - 120		05/10/18 03:32	1000
4-Bromofluorobenzene (Surr)	94		73 - 120		05/10/18 03:32	1000
Toluene-d8 (Surr)	97		80 - 120		05/10/18 03:32	1000

Client Sample ID: URS-12

Date Collected: 05/02/18 15:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			05/10/18 04:00	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			05/10/18 04:00	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			05/10/18 04:00	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			05/10/18 04:00	10
1,1-Dichloroethane	ND		10	3.8	ug/L			05/10/18 04:00	10
1,1-Dichloroethene	ND		10	2.9	ug/L			05/10/18 04:00	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			05/10/18 04:00	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			05/10/18 04:00	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			05/10/18 04:00	10
1,2-Dichloroethane	ND		10	2.1	ug/L			05/10/18 04:00	10
1,2-Dichloropropane	ND		10	7.2	ug/L			05/10/18 04:00	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			05/10/18 04:00	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			05/10/18 04:00	10
2-Butanone (MEK)	ND		100	13	ug/L			05/10/18 04:00	10
2-Hexanone	ND		50	12	ug/L			05/10/18 04:00	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			05/10/18 04:00	10
Acetone	ND		100	30	ug/L			05/10/18 04:00	10
Benzene	ND		10	4.1	ug/L			05/10/18 04:00	10
Bromoform	ND		10	2.6	ug/L			05/10/18 04:00	10
Bromomethane	ND		10	6.9	ug/L			05/10/18 04:00	10
Carbon disulfide	ND		10	1.9	ug/L			05/10/18 04:00	10
Carbon tetrachloride	ND		10	2.7	ug/L			05/10/18 04:00	10
Chlorobenzene	ND		10	7.5	ug/L			05/10/18 04:00	10
Dibromochloromethane	ND		10	3.2	ug/L			05/10/18 04:00	10
Chloroethane	ND		10	3.2	ug/L			05/10/18 04:00	10
Chloroform	ND		10	3.4	ug/L			05/10/18 04:00	10
Chloromethane	ND		10	3.5	ug/L			05/10/18 04:00	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			05/10/18 04:00	10
Cyclohexane	ND		10	1.8	ug/L			05/10/18 04:00	10
Bromodichloromethane	ND		10	3.9	ug/L			05/10/18 04:00	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			05/10/18 04:00	10
Ethylbenzene	ND		10	7.4	ug/L			05/10/18 04:00	10
1,2-Dibromoethane	ND		10	7.3	ug/L			05/10/18 04:00	10
Isopropylbenzene	ND		10	7.9	ug/L			05/10/18 04:00	10
Methyl acetate	ND		25	13	ug/L			05/10/18 04:00	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			05/10/18 04:00	10
Methylcyclohexane	ND		10	1.6	ug/L			05/10/18 04:00	10
Methylene Chloride	ND		10	4.4	ug/L			05/10/18 04:00	10
Tetrachloroethene	ND		10	3.6	ug/L			05/10/18 04:00	10
Toluene	ND		10	5.1	ug/L			05/10/18 04:00	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			05/10/18 04:00	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			05/10/18 04:00	10
Trichloroethene	ND		10	4.6	ug/L			05/10/18 04:00	10
Trichlorofluoromethane	ND		10	8.8	ug/L			05/10/18 04:00	10
Vinyl chloride	ND		10	9.0	ug/L			05/10/18 04:00	10
Xylenes, Total	ND		20	6.6	ug/L			05/10/18 04:00	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			05/10/18 04:00	10
Styrene	ND		10	7.3	ug/L			05/10/18 04:00	10

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-12
Date Collected: 05/02/18 15:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		77 - 120		05/10/18 04:00	10
4-Bromofluorobenzene (Surr)	92		73 - 120		05/10/18 04:00	10
Toluene-d8 (Surr)	96		80 - 120		05/10/18 04:00	10

Client Sample ID: URS-08

Date Collected: 05/02/18 15:15
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-12

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			05/08/18 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 144*		*05/08/18 02:09*	*1*
4-Bromofluorobenzene	*84*		*72 - 133*		*05/08/18 02:09*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.96**	**J**	1.0	0.82	ug/L			05/10/18 15:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/10/18 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/10/18 15:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/10/18 15:09	1
1,1-Dichloroethane	**1.0**		1.0	0.38	ug/L			05/10/18 15:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/10/18 15:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/10/18 15:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/10/18 15:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/10/18 15:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/10/18 15:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/10/18 15:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/10/18 15:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/10/18 15:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/10/18 15:09	1
2-Hexanone	ND		5.0	1.2	ug/L			05/10/18 15:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/10/18 15:09	1
Acetone	ND		10	3.0	ug/L			05/10/18 15:09	1
Benzene	ND		1.0	0.41	ug/L			05/10/18 15:09	1
Bromoform	ND		1.0	0.26	ug/L			05/10/18 15:09	1
Bromomethane	ND		1.0	0.69	ug/L			05/10/18 15:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/10/18 15:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/10/18 15:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/10/18 15:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/10/18 15:09	1
Chloroethane	ND		1.0	0.32	ug/L			05/10/18 15:09	1
Chloroform	ND		1.0	0.34	ug/L			05/10/18 15:09	1
Chloromethane	ND		1.0	0.35	ug/L			05/10/18 15:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/10/18 15:09	1
Cyclohexane	ND		1.0	0.18	ug/L			05/10/18 15:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/10/18 15:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/10/18 15:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/10/18 15:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/10/18 15:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/10/18 15:09	1
Methyl acetate	ND		2.5	1.3	ug/L			05/10/18 15:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/10/18 15:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/10/18 15:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/10/18 15:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/10/18 15:09	1
Toluene	ND		1.0	0.51	ug/L			05/10/18 15:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/10/18 15:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/10/18 15:09	1

Client Sample ID: URS-08
Date Collected: 05/02/18 15:15
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-12
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.46	ug/L			05/10/18 15:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/10/18 15:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/10/18 15:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/10/18 15:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/10/18 15:09	1
Styrene	ND		1.0	0.73	ug/L			05/10/18 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*		*05/10/18 15:09*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*05/10/18 15:09*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/10/18 15:09*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**19**		2.1	0.36	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluoropentanoic acid (PFPeA)	**26**		2.1	0.51	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorohexanoic acid (PFHxA)	**26**		2.1	0.60	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluoroheptanoic acid (PFHpA)	**11**		2.1	0.26	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorooctanoic acid (PFOA)	**26**		2.1	0.88	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorononanoic acid (PFNA)	**2.9**		2.1	0.28	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorodecanoic acid (PFDA)	**5.6**		2.1	0.32	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluoroundecanoic acid (PFUnA)	ND		2.1	1.1	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorododecanoic acid (PFDoA)	ND		2.1	0.57	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.1	1.3	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.1	0.30	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorobutanesulfonic acid (PFBS)	**1.2**	**J**	2.1	0.21	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorohexanesulfonic acid (PFHxS)	**2.8**	**B**	2.1	0.18	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluoroheptanesulfonic Acid (PFHpS)	**1.0**	**J**	2.1	0.20	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorooctanesulfonic acid (PFOS)	**66**		2.1	0.56	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.1	0.33	ng/L		05/11/18 13:02	05/15/18 19:40	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.1	0.36	ng/L		05/11/18 13:02	05/15/18 19:40	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		21	3.2	ng/L		05/11/18 13:02	05/15/18 19:40	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		21	2.0	ng/L		05/11/18 13:02	05/15/18 19:40	1
6:2FTS	**2.6**	**J B**	21	2.1	ng/L		05/11/18 13:02	05/15/18 19:40	1
8:2FTS	ND		21	2.1	ng/L		05/11/18 13:02	05/15/18 19:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*66*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:40*	*1*
13C5 PFPeA	*85*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:40*	*1*
13C2 PFHxA	*85*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:40*	*1*
13C4-PFHpA	*93*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:40*	*1*
13C4 PFOA	*101*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:40*	*1*
13C5 PFNA	*114*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:40*	*1*
13C2 PFDA	*110*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:40*	*1*
13C2 PFUnA	*110*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:40*	*1*
13C2 PFDoA	*108*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:40*	*1*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-08
Date Collected: 05/02/18 15:15
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-12
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-PFTeDA	104		25 - 150	05/11/18 13:02	05/15/18 19:40	1
13C3-PFBS	85		25 - 150	05/11/18 13:02	05/15/18 19:40	1
18O2 PFHxS	90		25 - 150	05/11/18 13:02	05/15/18 19:40	1
13C4 PFOS	92		25 - 150	05/11/18 13:02	05/15/18 19:40	1
13C8 FOSA	90		25 - 150	05/11/18 13:02	05/15/18 19:40	1
d3-NMeFOSAA	160	*	25 - 150	05/11/18 13:02	05/15/18 19:40	1
d5-NEtFOSAA	155	*	25 - 150	05/11/18 13:02	05/15/18 19:40	1
M2-6:2FTS	202	*	25 - 150	05/11/18 13:02	05/15/18 19:40	1
M2-8:2FTS	356	*	25 - 150	05/11/18 13:02	05/15/18 19:40	1

Client Sample ID: URS-09

Date Collected: 05/02/18 15:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-13

Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**7.7**		2.2	0.39	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluoropentanoic acid (PFPeA)	**2.1**	**J**	2.2	0.54	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorohexanoic acid (PFHxA)	**4.8**		2.2	0.64	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluoroheptanoic acid (PFHpA)	**2.3**		2.2	0.28	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorooctanoic acid (PFOA)	**5.1**		2.2	0.94	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorononanoic acid (PFNA)	**0.83**	**J**	2.2	0.30	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorodecanoic acid (PFDA)	**1.4**	**J**	2.2	0.34	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluoroundecanoic acid (PFUnA)	ND		2.2	1.2	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorododecanoic acid (PFDoA)	ND		2.2	0.61	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.2	1.4	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.2	0.32	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorobutanesulfonic acid (PFBS)	**1.4**	**J**	2.2	0.22	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorohexanesulfonic acid (PFHxS)	**3.0**	**B**	2.2	0.19	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluoroheptanesulfonic Acid (PFHpS)	**1.1**	**J**	2.2	0.21	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorooctanesulfonic acid (PFOS)	**190**		2.2	0.60	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.2	0.36	ng/L		05/11/18 13:02	05/15/18 19:48	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.2	0.39	ng/L		05/11/18 13:02	05/15/18 19:48	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		22	3.4	ng/L		05/11/18 13:02	05/15/18 19:48	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		22	2.1	ng/L		05/11/18 13:02	05/15/18 19:48	1
6:2FTS	**4.3**	**J B**	22	2.2	ng/L		05/11/18 13:02	05/15/18 19:48	1
8:2FTS	ND		22	2.2	ng/L		05/11/18 13:02	05/15/18 19:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*70*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C5 PFPeA	*80*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C2 PFHxA	*85*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C4-PFHpA	*90*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C4 PFOA	*101*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C5 PFNA	*109*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C2 PFDA	*111*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C2 PFUnA	*101*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C2 PFDoA	*84*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C2-PFTeDA	*45*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C3-PFBS	*89*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
18O2 PFHxS	*100*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C4 PFOS	*97*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
13C8 FOSA	*92*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
d3-NMeFOSAA	*149*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
d5-NEtFOSAA	*117*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
M2-6:2FTS	*210*	*	*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*
M2-8:2FTS	*249*	*	*25 - 150*	*05/11/18 13:02*	*05/15/18 19:48*	*1*

Client Sample ID: URS-15

Date Collected: 05/02/18 15:40
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-14

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**89**		2.0	1.0	ug/L			05/08/18 03:03	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 144*		*05/08/18 03:03*	*5*
4-Bromofluorobenzene	*85*		*72 - 133*		*05/08/18 03:03*	*5*

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			05/10/18 04:27	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			05/10/18 04:27	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			05/10/18 04:27	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			05/10/18 04:27	20
1,1-Dichloroethane	**640**		20	7.6	ug/L			05/10/18 04:27	20
1,1-Dichloroethene	**31**		20	5.8	ug/L			05/10/18 04:27	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			05/10/18 04:27	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			05/10/18 04:27	20
1,2-Dichlorobenzene	ND		20	16	ug/L			05/10/18 04:27	20
1,2-Dichloroethane	ND		20	4.2	ug/L			05/10/18 04:27	20
1,2-Dichloropropane	ND		20	14	ug/L			05/10/18 04:27	20
1,3-Dichlorobenzene	ND		20	16	ug/L			05/10/18 04:27	20
1,4-Dichlorobenzene	ND		20	17	ug/L			05/10/18 04:27	20
2-Butanone (MEK)	ND		200	26	ug/L			05/10/18 04:27	20
2-Hexanone	ND		100	25	ug/L			05/10/18 04:27	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			05/10/18 04:27	20
Acetone	ND		200	60	ug/L			05/10/18 04:27	20
Benzene	ND		20	8.2	ug/L			05/10/18 04:27	20
Bromoform	ND		20	5.2	ug/L			05/10/18 04:27	20
Bromomethane	ND		20	14	ug/L			05/10/18 04:27	20
Carbon disulfide	ND		20	3.8	ug/L			05/10/18 04:27	20
Carbon tetrachloride	ND		20	5.4	ug/L			05/10/18 04:27	20
Chlorobenzene	ND		20	15	ug/L			05/10/18 04:27	20
Dibromochloromethane	ND		20	6.4	ug/L			05/10/18 04:27	20
Chloroethane	**120**		20	6.4	ug/L			05/10/18 04:27	20
Chloroform	ND		20	6.8	ug/L			05/10/18 04:27	20
Chloromethane	ND		20	7.0	ug/L			05/10/18 04:27	20
cis-1,2-Dichloroethene	**2600**	**E**	20	16	ug/L			05/10/18 04:27	20
Cyclohexane	ND		20	3.6	ug/L			05/10/18 04:27	20
Bromodichloromethane	ND		20	7.8	ug/L			05/10/18 04:27	20
Dichlorodifluoromethane	ND		20	14	ug/L			05/10/18 04:27	20
Ethylbenzene	ND		20	15	ug/L			05/10/18 04:27	20
1,2-Dibromoethane	ND		20	15	ug/L			05/10/18 04:27	20
Isopropylbenzene	ND		20	16	ug/L			05/10/18 04:27	20
Methyl acetate	ND		50	26	ug/L			05/10/18 04:27	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			05/10/18 04:27	20
Methylcyclohexane	ND		20	3.2	ug/L			05/10/18 04:27	20
Methylene Chloride	ND		20	8.8	ug/L			05/10/18 04:27	20
Tetrachloroethene	ND		20	7.2	ug/L			05/10/18 04:27	20
Toluene	ND		20	10	ug/L			05/10/18 04:27	20
trans-1,2-Dichloroethene	**120**		20	18	ug/L			05/10/18 04:27	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			05/10/18 04:27	20

Client Sample ID: URS-15
Date Collected: 05/02/18 15:40
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-14
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**13**	**J**	20	9.2	ug/L			05/10/18 04:27	20
Trichlorofluoromethane	ND		20	18	ug/L			05/10/18 04:27	20
Vinyl chloride	**2200**	**E**	20	18	ug/L			05/10/18 04:27	20
Xylenes, Total	ND		40	13	ug/L			05/10/18 04:27	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			05/10/18 04:27	20
Styrene	ND		20	15	ug/L			05/10/18 04:27	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*05/10/18 04:27*	*20*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*05/10/18 04:27*	*20*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/10/18 04:27*	*20*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			05/10/18 15:36	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			05/10/18 15:36	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			05/10/18 15:36	50
1,1,2-Trichloroethane	ND		50	12	ug/L			05/10/18 15:36	50
1,1-Dichloroethane	**570**		50	19	ug/L			05/10/18 15:36	50
1,1-Dichloroethene	**25**	**J**	50	15	ug/L			05/10/18 15:36	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			05/10/18 15:36	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			05/10/18 15:36	50
1,2-Dichlorobenzene	ND		50	40	ug/L			05/10/18 15:36	50
1,2-Dichloroethane	ND		50	11	ug/L			05/10/18 15:36	50
1,2-Dichloropropane	ND		50	36	ug/L			05/10/18 15:36	50
1,3-Dichlorobenzene	ND		50	39	ug/L			05/10/18 15:36	50
1,4-Dichlorobenzene	ND		50	42	ug/L			05/10/18 15:36	50
2-Butanone (MEK)	ND		500	66	ug/L			05/10/18 15:36	50
2-Hexanone	ND		250	62	ug/L			05/10/18 15:36	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			05/10/18 15:36	50
Acetone	ND		500	150	ug/L			05/10/18 15:36	50
Benzene	ND		50	21	ug/L			05/10/18 15:36	50
Bromoform	ND		50	13	ug/L			05/10/18 15:36	50
Bromomethane	ND		50	35	ug/L			05/10/18 15:36	50
Carbon disulfide	ND		50	9.5	ug/L			05/10/18 15:36	50
Carbon tetrachloride	ND		50	14	ug/L			05/10/18 15:36	50
Chlorobenzene	ND		50	38	ug/L			05/10/18 15:36	50
Dibromochloromethane	ND		50	16	ug/L			05/10/18 15:36	50
Chloroethane	**100**		50	16	ug/L			05/10/18 15:36	50
Chloroform	ND		50	17	ug/L			05/10/18 15:36	50
Chloromethane	ND		50	18	ug/L			05/10/18 15:36	50
cis-1,2-Dichloroethene	**2300**		50	41	ug/L			05/10/18 15:36	50
Cyclohexane	ND		50	9.0	ug/L			05/10/18 15:36	50
Bromodichloromethane	ND		50	20	ug/L			05/10/18 15:36	50
Dichlorodifluoromethane	ND		50	34	ug/L			05/10/18 15:36	50
Ethylbenzene	ND		50	37	ug/L			05/10/18 15:36	50
1,2-Dibromoethane	ND		50	37	ug/L			05/10/18 15:36	50
Isopropylbenzene	ND		50	40	ug/L			05/10/18 15:36	50
Methyl acetate	ND		130	65	ug/L			05/10/18 15:36	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			05/10/18 15:36	50

Client Sample ID: URS-15
Date Collected: 05/02/18 15:40
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-14
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		50	8.0	ug/L			05/10/18 15:36	50
Methylene Chloride	ND		50	22	ug/L			05/10/18 15:36	50
Tetrachloroethene	ND		50	18	ug/L			05/10/18 15:36	50
Toluene	ND		50	26	ug/L			05/10/18 15:36	50
trans-1,2-Dichloroethene	**110**		50	45	ug/L			05/10/18 15:36	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			05/10/18 15:36	50
Trichloroethene	ND		50	23	ug/L			05/10/18 15:36	50
Trichlorofluoromethane	ND		50	44	ug/L			05/10/18 15:36	50
Vinyl chloride	**2000**		50	45	ug/L			05/10/18 15:36	50
Xylenes, Total	ND		100	33	ug/L			05/10/18 15:36	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			05/10/18 15:36	50
Styrene	ND		50	37	ug/L			05/10/18 15:36	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*05/10/18 15:36*	*50*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*05/10/18 15:36*	*50*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/10/18 15:36*	*50*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**34**		2.0	0.35	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluoropentanoic acid (PFPeA)	**49**		2.0	0.49	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorohexanoic acid (PFHxA)	**55**		2.0	0.58	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluoroheptanoic acid (PFHpA)	**18**		2.0	0.25	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorooctanoic acid (PFOA)	**34**		2.0	0.86	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorononanoic acid (PFNA)	**2.1**		2.0	0.27	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorodecanoic acid (PFDA)	**0.70**	**J**	2.0	0.31	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorotetradecanoic acid (PFTeA)	**0.62**	**J**	2.0	0.29	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorohexanesulfonic acid (PFHxS)	**4.6**	**B**	2.0	0.17	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.95**	**J**	2.0	0.19	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorooctanesulfonic acid (PFOS)	**46**		2.0	0.54	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		05/11/18 13:02	05/15/18 19:55	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.0	0.35	ng/L		05/11/18 13:02	05/15/18 19:55	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.1	ng/L		05/11/18 13:02	05/15/18 19:55	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		05/11/18 13:02	05/15/18 19:55	1
6:2FTS	**2.9**	**J B**	20	2.0	ng/L		05/11/18 13:02	05/15/18 19:55	1
8:2FTS	ND		20	2.0	ng/L		05/11/18 13:02	05/15/18 19:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*45*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:55*	*1*
13C5 PFPeA	*74*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:55*	*1*
13C2 PFHxA	*81*		*25 - 150*	*05/11/18 13:02*	*05/15/18 19:55*	*1*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-15
Date Collected: 05/02/18 15:40
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-14
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4-PFHpA	90		25 - 150	05/11/18 13:02	05/15/18 19:55	1
13C4 PFOA	105		25 - 150	05/11/18 13:02	05/15/18 19:55	1
13C5 PFNA	111		25 - 150	05/11/18 13:02	05/15/18 19:55	1
13C2 PFDA	109		25 - 150	05/11/18 13:02	05/15/18 19:55	1
13C2 PFUnA	97		25 - 150	05/11/18 13:02	05/15/18 19:55	1
13C2 PFDoA	94		25 - 150	05/11/18 13:02	05/15/18 19:55	1
13C2-PFTeDA	90		25 - 150	05/11/18 13:02	05/15/18 19:55	1
13C3-PFBS	91		25 - 150	05/11/18 13:02	05/15/18 19:55	1
18O2 PFHxS	98		25 - 150	05/11/18 13:02	05/15/18 19:55	1
13C4 PFOS	94		25 - 150	05/11/18 13:02	05/15/18 19:55	1
13C8 FOSA	88		25 - 150	05/11/18 13:02	05/15/18 19:55	1
d3-NMeFOSAA	105		25 - 150	05/11/18 13:02	05/15/18 19:55	1
d5-NEtFOSAA	97		25 - 150	05/11/18 13:02	05/15/18 19:55	1
M2-6:2FTS	197	*	25 - 150	05/11/18 13:02	05/15/18 19:55	1
M2-8:2FTS	209	*	25 - 150	05/11/18 13:02	05/15/18 19:55	1

Client Sample ID: OW-6S

Date Collected: 05/02/18 15:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-15

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			05/10/18 04:55	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			05/10/18 04:55	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			05/10/18 04:55	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			05/10/18 04:55	10
1,1-Dichloroethane	**28**		10	3.8	ug/L			05/10/18 04:55	10
1,1-Dichloroethene	ND		10	2.9	ug/L			05/10/18 04:55	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			05/10/18 04:55	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			05/10/18 04:55	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			05/10/18 04:55	10
1,2-Dichloroethane	ND		10	2.1	ug/L			05/10/18 04:55	10
1,2-Dichloropropane	ND		10	7.2	ug/L			05/10/18 04:55	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			05/10/18 04:55	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			05/10/18 04:55	10
2-Butanone (MEK)	ND		100	13	ug/L			05/10/18 04:55	10
2-Hexanone	ND		50	12	ug/L			05/10/18 04:55	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			05/10/18 04:55	10
Acetone	ND		100	30	ug/L			05/10/18 04:55	10
Benzene	ND		10	4.1	ug/L			05/10/18 04:55	10
Bromoform	ND		10	2.6	ug/L			05/10/18 04:55	10
Bromomethane	ND		10	6.9	ug/L			05/10/18 04:55	10
Carbon disulfide	ND		10	1.9	ug/L			05/10/18 04:55	10
Carbon tetrachloride	ND		10	2.7	ug/L			05/10/18 04:55	10
Chlorobenzene	ND		10	7.5	ug/L			05/10/18 04:55	10
Dibromochloromethane	ND		10	3.2	ug/L			05/10/18 04:55	10
Chloroethane	ND		10	3.2	ug/L			05/10/18 04:55	10
Chloroform	ND		10	3.4	ug/L			05/10/18 04:55	10
Chloromethane	ND		10	3.5	ug/L			05/10/18 04:55	10
cis-1,2-Dichloroethene	**550**		10	8.1	ug/L			05/10/18 04:55	10
Cyclohexane	ND		10	1.8	ug/L			05/10/18 04:55	10
Bromodichloromethane	ND		10	3.9	ug/L			05/10/18 04:55	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			05/10/18 04:55	10
Ethylbenzene	ND		10	7.4	ug/L			05/10/18 04:55	10
1,2-Dibromoethane	ND		10	7.3	ug/L			05/10/18 04:55	10
Isopropylbenzene	ND		10	7.9	ug/L			05/10/18 04:55	10
Methyl acetate	ND		25	13	ug/L			05/10/18 04:55	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			05/10/18 04:55	10
Methylcyclohexane	ND		10	1.6	ug/L			05/10/18 04:55	10
Methylene Chloride	ND		10	4.4	ug/L			05/10/18 04:55	10
Tetrachloroethene	**20**		10	3.6	ug/L			05/10/18 04:55	10
Toluene	ND		10	5.1	ug/L			05/10/18 04:55	10
trans-1,2-Dichloroethene	**9.4**	**J**	10	9.0	ug/L			05/10/18 04:55	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			05/10/18 04:55	10
Trichloroethene	**19**		10	4.6	ug/L			05/10/18 04:55	10
Trichlorofluoromethane	ND		10	8.8	ug/L			05/10/18 04:55	10
Vinyl chloride	**19**		10	9.0	ug/L			05/10/18 04:55	10
Xylenes, Total	ND		20	6.6	ug/L			05/10/18 04:55	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			05/10/18 04:55	10
Styrene	ND		10	7.3	ug/L			05/10/18 04:55	10

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: OW-6S
Date Collected: 05/02/18 15:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*05/10/18 04:55*	*10*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*05/10/18 04:55*	*10*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/10/18 04:55*	*10*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-07
Date Collected: 05/02/18 15:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-16
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**420**		20	16	ug/L			05/10/18 05:22	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			05/10/18 05:22	20
1,1,2-Trichloro-1,2,2-trifluoroethane	**82**		20	6.2	ug/L			05/10/18 05:22	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			05/10/18 05:22	20
1,1-Dichloroethane	**3100**	**E**	20	7.6	ug/L			05/10/18 05:22	20
1,1-Dichloroethene	**160**		20	5.8	ug/L			05/10/18 05:22	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			05/10/18 05:22	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			05/10/18 05:22	20
1,2-Dichlorobenzene	ND		20	16	ug/L			05/10/18 05:22	20
1,2-Dichloroethane	**5.7**	**J**	20	4.2	ug/L			05/10/18 05:22	20
1,2-Dichloropropane	ND		20	14	ug/L			05/10/18 05:22	20
1,3-Dichlorobenzene	ND		20	16	ug/L			05/10/18 05:22	20
1,4-Dichlorobenzene	ND		20	17	ug/L			05/10/18 05:22	20
2-Butanone (MEK)	ND		200	26	ug/L			05/10/18 05:22	20
2-Hexanone	ND		100	25	ug/L			05/10/18 05:22	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			05/10/18 05:22	20
Acetone	ND		200	60	ug/L			05/10/18 05:22	20
Benzene	ND		20	8.2	ug/L			05/10/18 05:22	20
Bromoform	ND		20	5.2	ug/L			05/10/18 05:22	20
Bromomethane	ND		20	14	ug/L			05/10/18 05:22	20
Carbon disulfide	ND		20	3.8	ug/L			05/10/18 05:22	20
Carbon tetrachloride	ND		20	5.4	ug/L			05/10/18 05:22	20
Chlorobenzene	ND		20	15	ug/L			05/10/18 05:22	20
Dibromochloromethane	ND		20	6.4	ug/L			05/10/18 05:22	20
Chloroethane	**160**		20	6.4	ug/L			05/10/18 05:22	20
Chloroform	ND		20	6.8	ug/L			05/10/18 05:22	20
Chloromethane	ND		20	7.0	ug/L			05/10/18 05:22	20
cis-1,2-Dichloroethene	**4400**	**E**	20	16	ug/L			05/10/18 05:22	20
Cyclohexane	ND		20	3.6	ug/L			05/10/18 05:22	20
Bromodichloromethane	ND		20	7.8	ug/L			05/10/18 05:22	20
Dichlorodifluoromethane	ND		20	14	ug/L			05/10/18 05:22	20
Ethylbenzene	ND		20	15	ug/L			05/10/18 05:22	20
1,2-Dibromoethane	ND		20	15	ug/L			05/10/18 05:22	20
Isopropylbenzene	ND		20	16	ug/L			05/10/18 05:22	20
Methyl acetate	ND		50	26	ug/L			05/10/18 05:22	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			05/10/18 05:22	20
Methylcyclohexane	ND		20	3.2	ug/L			05/10/18 05:22	20
Methylene Chloride	ND		20	8.8	ug/L			05/10/18 05:22	20
Tetrachloroethene	ND		20	7.2	ug/L			05/10/18 05:22	20
Toluene	ND		20	10	ug/L			05/10/18 05:22	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			05/10/18 05:22	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			05/10/18 05:22	20
Trichloroethene	**780**		20	9.2	ug/L			05/10/18 05:22	20
Trichlorofluoromethane	ND		20	18	ug/L			05/10/18 05:22	20
Vinyl chloride	**1500**		20	18	ug/L			05/10/18 05:22	20
Xylenes, Total	ND		40	13	ug/L			05/10/18 05:22	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			05/10/18 05:22	20
Styrene	ND		20	15	ug/L			05/10/18 05:22	20

Client Sample ID: URS-07

Date Collected: 05/02/18 15:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-16

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*05/10/18 05:22*	*20*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*05/10/18 05:22*	*20*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/10/18 05:22*	*20*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**390**		80	66	ug/L			05/10/18 16:03	80
1,1,2,2-Tetrachloroethane	ND		80	17	ug/L			05/10/18 16:03	80
1,1,2-Trichloro-1,2,2-trifluoroethane	**34**	**J**	80	25	ug/L			05/10/18 16:03	80
1,1,2-Trichloroethane	ND		80	18	ug/L			05/10/18 16:03	80
1,1-Dichloroethane	**2700**		80	30	ug/L			05/10/18 16:03	80
1,1-Dichloroethene	**160**		80	23	ug/L			05/10/18 16:03	80
1,2,4-Trichlorobenzene	ND		80	33	ug/L			05/10/18 16:03	80
1,2-Dibromo-3-Chloropropane	ND		80	31	ug/L			05/10/18 16:03	80
1,2-Dichlorobenzene	ND		80	63	ug/L			05/10/18 16:03	80
1,2-Dichloroethane	ND		80	17	ug/L			05/10/18 16:03	80
1,2-Dichloropropane	ND		80	58	ug/L			05/10/18 16:03	80
1,3-Dichlorobenzene	ND		80	62	ug/L			05/10/18 16:03	80
1,4-Dichlorobenzene	ND		80	67	ug/L			05/10/18 16:03	80
2-Butanone (MEK)	ND		800	110	ug/L			05/10/18 16:03	80
2-Hexanone	ND		400	99	ug/L			05/10/18 16:03	80
4-Methyl-2-pentanone (MIBK)	ND		400	170	ug/L			05/10/18 16:03	80
Acetone	ND		800	240	ug/L			05/10/18 16:03	80
Benzene	ND		80	33	ug/L			05/10/18 16:03	80
Bromoform	ND		80	21	ug/L			05/10/18 16:03	80
Bromomethane	ND		80	55	ug/L			05/10/18 16:03	80
Carbon disulfide	ND		80	15	ug/L			05/10/18 16:03	80
Carbon tetrachloride	ND		80	22	ug/L			05/10/18 16:03	80
Chlorobenzene	ND		80	60	ug/L			05/10/18 16:03	80
Dibromochloromethane	ND		80	26	ug/L			05/10/18 16:03	80
Chloroethane	**130**		80	26	ug/L			05/10/18 16:03	80
Chloroform	ND		80	27	ug/L			05/10/18 16:03	80
Chloromethane	ND		80	28	ug/L			05/10/18 16:03	80
cis-1,2-Dichloroethene	**3700**		80	65	ug/L			05/10/18 16:03	80
Cyclohexane	ND		80	14	ug/L			05/10/18 16:03	80
Bromodichloromethane	ND		80	31	ug/L			05/10/18 16:03	80
Dichlorodifluoromethane	ND		80	54	ug/L			05/10/18 16:03	80
Ethylbenzene	ND		80	59	ug/L			05/10/18 16:03	80
1,2-Dibromoethane	ND		80	58	ug/L			05/10/18 16:03	80
Isopropylbenzene	ND		80	63	ug/L			05/10/18 16:03	80
Methyl acetate	ND		200	100	ug/L			05/10/18 16:03	80
Methyl tert-butyl ether	ND		80	13	ug/L			05/10/18 16:03	80
Methylcyclohexane	ND		80	13	ug/L			05/10/18 16:03	80
Methylene Chloride	ND		80	35	ug/L			05/10/18 16:03	80
Tetrachloroethene	ND		80	29	ug/L			05/10/18 16:03	80
Toluene	ND		80	41	ug/L			05/10/18 16:03	80
trans-1,2-Dichloroethene	ND		80	72	ug/L			05/10/18 16:03	80
trans-1,3-Dichloropropene	ND		80	30	ug/L			05/10/18 16:03	80
Trichloroethene	**650**		80	37	ug/L			05/10/18 16:03	80

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-07
Date Collected: 05/02/18 15:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-16
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		80	70	ug/L			05/10/18 16:03	80
Vinyl chloride	**1500**		80	72	ug/L			05/10/18 16:03	80
Xylenes, Total	ND		160	53	ug/L			05/10/18 16:03	80
cis-1,3-Dichloropropene	ND		80	29	ug/L			05/10/18 16:03	80
Styrene	ND		80	58	ug/L			05/10/18 16:03	80

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*77 - 120*		*05/10/18 16:03*	*80*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*05/10/18 16:03*	*80*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/10/18 16:03*	*80*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: B4/PZ-01
Date Collected: 05/02/18 16:05
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-17
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**27**		1.0	0.82	ug/L			05/10/18 16:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/10/18 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/10/18 16:31	1
1,1,2-Trichloroethane	**0.24**	**J**	1.0	0.23	ug/L			05/10/18 16:31	1
1,1-Dichloroethane	**15**		1.0	0.38	ug/L			05/10/18 16:31	1
1,1-Dichloroethene	**5.8**		1.0	0.29	ug/L			05/10/18 16:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/10/18 16:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/10/18 16:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/10/18 16:31	1
1,2-Dichloroethane	**0.22**	**J**	1.0	0.21	ug/L			05/10/18 16:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/10/18 16:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/10/18 16:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/10/18 16:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/10/18 16:31	1
2-Hexanone	ND		5.0	1.2	ug/L			05/10/18 16:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/10/18 16:31	1
Acetone	ND		10	3.0	ug/L			05/10/18 16:31	1
Benzene	ND		1.0	0.41	ug/L			05/10/18 16:31	1
Bromoform	ND		1.0	0.26	ug/L			05/10/18 16:31	1
Bromomethane	ND		1.0	0.69	ug/L			05/10/18 16:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/10/18 16:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/10/18 16:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/10/18 16:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/10/18 16:31	1
Chloroethane	**0.66**	**J**	1.0	0.32	ug/L			05/10/18 16:31	1
Chloroform	ND		1.0	0.34	ug/L			05/10/18 16:31	1
Chloromethane	ND		1.0	0.35	ug/L			05/10/18 16:31	1
cis-1,2-Dichloroethene	**2.7**		1.0	0.81	ug/L			05/10/18 16:31	1
Cyclohexane	ND		1.0	0.18	ug/L			05/10/18 16:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/10/18 16:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/10/18 16:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/10/18 16:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/10/18 16:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/10/18 16:31	1
Methyl acetate	ND		2.5	1.3	ug/L			05/10/18 16:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/10/18 16:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/10/18 16:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/10/18 16:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/10/18 16:31	1
Toluene	ND		1.0	0.51	ug/L			05/10/18 16:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/10/18 16:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/10/18 16:31	1
Trichloroethene	**2.4**		1.0	0.46	ug/L			05/10/18 16:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/10/18 16:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/10/18 16:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/10/18 16:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/10/18 16:31	1
Styrene	ND		1.0	0.73	ug/L			05/10/18 16:31	1

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: B4/PZ-01
Date Collected: 05/02/18 16:05
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		05/10/18 16:31	1
4-Bromofluorobenzene (Surr)	87		73 - 120		05/10/18 16:31	1
Toluene-d8 (Surr)	96		80 - 120		05/10/18 16:31	1

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: OW-04S
Date Collected: 05/02/18 16:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-18
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**930**		20	16	ug/L			05/10/18 23:55	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			05/10/18 23:55	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			05/10/18 23:55	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			05/10/18 23:55	20
1,1-Dichloroethane	**910**		20	7.6	ug/L			05/10/18 23:55	20
1,1-Dichloroethene	**240**		20	5.8	ug/L			05/10/18 23:55	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			05/10/18 23:55	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			05/10/18 23:55	20
1,2-Dichlorobenzene	ND		20	16	ug/L			05/10/18 23:55	20
1,2-Dichloroethane	ND		20	4.2	ug/L			05/10/18 23:55	20
1,2-Dichloropropane	ND		20	14	ug/L			05/10/18 23:55	20
1,3-Dichlorobenzene	ND		20	16	ug/L			05/10/18 23:55	20
1,4-Dichlorobenzene	ND		20	17	ug/L			05/10/18 23:55	20
2-Butanone (MEK)	ND		200	26	ug/L			05/10/18 23:55	20
2-Hexanone	ND		100	25	ug/L			05/10/18 23:55	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			05/10/18 23:55	20
Acetone	ND		200	60	ug/L			05/10/18 23:55	20
Benzene	ND		20	8.2	ug/L			05/10/18 23:55	20
Bromoform	ND		20	5.2	ug/L			05/10/18 23:55	20
Bromomethane	ND		20	14	ug/L			05/10/18 23:55	20
Carbon disulfide	ND		20	3.8	ug/L			05/10/18 23:55	20
Carbon tetrachloride	ND		20	5.4	ug/L			05/10/18 23:55	20
Chlorobenzene	ND		20	15	ug/L			05/10/18 23:55	20
Dibromochloromethane	ND		20	6.4	ug/L			05/10/18 23:55	20
Chloroethane	ND		20	6.4	ug/L			05/10/18 23:55	20
Chloroform	ND		20	6.8	ug/L			05/10/18 23:55	20
Chloromethane	ND		20	7.0	ug/L			05/10/18 23:55	20
cis-1,2-Dichloroethene	**130**		20	16	ug/L			05/10/18 23:55	20
Cyclohexane	ND		20	3.6	ug/L			05/10/18 23:55	20
Bromodichloromethane	ND		20	7.8	ug/L			05/10/18 23:55	20
Dichlorodifluoromethane	ND		20	14	ug/L			05/10/18 23:55	20
Ethylbenzene	ND		20	15	ug/L			05/10/18 23:55	20
1,2-Dibromoethane	ND		20	15	ug/L			05/10/18 23:55	20
Isopropylbenzene	ND		20	16	ug/L			05/10/18 23:55	20
Methyl acetate	ND		50	26	ug/L			05/10/18 23:55	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			05/10/18 23:55	20
Methylcyclohexane	ND		20	3.2	ug/L			05/10/18 23:55	20
Methylene Chloride	ND		20	8.8	ug/L			05/10/18 23:55	20
Tetrachloroethene	ND		20	7.2	ug/L			05/10/18 23:55	20
Toluene	ND		20	10	ug/L			05/10/18 23:55	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			05/10/18 23:55	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			05/10/18 23:55	20
Trichloroethene	**25**		20	9.2	ug/L			05/10/18 23:55	20
Trichlorofluoromethane	ND		20	18	ug/L			05/10/18 23:55	20
Vinyl chloride	ND		20	18	ug/L			05/10/18 23:55	20
Xylenes, Total	ND		40	13	ug/L			05/10/18 23:55	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			05/10/18 23:55	20
Styrene	ND		20	15	ug/L			05/10/18 23:55	20

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: OW-04S
Date Collected: 05/02/18 16:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		05/10/18 23:55	20
4-Bromofluorobenzene (Surr)	91		73 - 120		05/10/18 23:55	20
Toluene-d8 (Surr)	96		80 - 120		05/10/18 23:55	20

Client Sample ID: URS-02

Date Collected: 05/02/18 16:15
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-19

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1800**		40	20	ug/L			05/08/18 03:59	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*71 - 144*		*05/08/18 03:59*	*100*
4-Bromofluorobenzene	*83*		*72 - 133*		*05/08/18 03:59*	*100*

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			05/10/18 05:49	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			05/10/18 05:49	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			05/10/18 05:49	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			05/10/18 05:49	4
1,1-Dichloroethane	**4.6**		4.0	1.5	ug/L			05/10/18 05:49	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			05/10/18 05:49	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			05/10/18 05:49	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			05/10/18 05:49	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			05/10/18 05:49	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			05/10/18 05:49	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			05/10/18 05:49	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			05/10/18 05:49	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			05/10/18 05:49	4
2-Butanone (MEK)	ND		40	5.3	ug/L			05/10/18 05:49	4
2-Hexanone	ND		20	5.0	ug/L			05/10/18 05:49	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			05/10/18 05:49	4
Acetone	ND		40	12	ug/L			05/10/18 05:49	4
Benzene	ND		4.0	1.6	ug/L			05/10/18 05:49	4
Bromoform	ND		4.0	1.0	ug/L			05/10/18 05:49	4
Bromomethane	ND		4.0	2.8	ug/L			05/10/18 05:49	4
Carbon disulfide	ND		4.0	0.76	ug/L			05/10/18 05:49	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			05/10/18 05:49	4
Chlorobenzene	ND		4.0	3.0	ug/L			05/10/18 05:49	4
Dibromochloromethane	ND		4.0	1.3	ug/L			05/10/18 05:49	4
Chloroethane	**2.6**	**J**	4.0	1.3	ug/L			05/10/18 05:49	4
Chloroform	ND		4.0	1.4	ug/L			05/10/18 05:49	4
Chloromethane	ND		4.0	1.4	ug/L			05/10/18 05:49	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			05/10/18 05:49	4
Cyclohexane	ND		4.0	0.72	ug/L			05/10/18 05:49	4
Bromodichloromethane	ND		4.0	1.6	ug/L			05/10/18 05:49	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			05/10/18 05:49	4
Ethylbenzene	ND		4.0	3.0	ug/L			05/10/18 05:49	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			05/10/18 05:49	4
Isopropylbenzene	ND		4.0	3.2	ug/L			05/10/18 05:49	4
Methyl acetate	ND		10	5.2	ug/L			05/10/18 05:49	4
Methyl tert-butyl ether	**7.4**		4.0	0.64	ug/L			05/10/18 05:49	4
Methylcyclohexane	ND		4.0	0.64	ug/L			05/10/18 05:49	4
Methylene Chloride	ND		4.0	1.8	ug/L			05/10/18 05:49	4
Tetrachloroethene	ND		4.0	1.4	ug/L			05/10/18 05:49	4
Toluene	ND		4.0	2.0	ug/L			05/10/18 05:49	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			05/10/18 05:49	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			05/10/18 05:49	4

Client Sample ID: URS-02
Date Collected: 05/02/18 16:15
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-19
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.0	1.8	ug/L			05/10/18 05:49	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			05/10/18 05:49	4
Vinyl chloride	ND		4.0	3.6	ug/L			05/10/18 05:49	4
Xylenes, Total	ND		8.0	2.6	ug/L			05/10/18 05:49	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			05/10/18 05:49	4
Styrene	ND		4.0	2.9	ug/L			05/10/18 05:49	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*		*05/10/18 05:49*	*4*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*05/10/18 05:49*	*4*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/10/18 05:49*	*4*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**15**		1.7	0.30	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluoropentanoic acid (PFPeA)	**8.9**		1.7	0.42	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorohexanoic acid (PFHxA)	**7.0**		1.7	0.50	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluoroheptanoic acid (PFHpA)	**2.5**		1.7	0.21	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorooctanoic acid (PFOA)	**4.8**		1.7	0.73	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorononanoic acid (PFNA)	**0.44**	**J**	1.7	0.23	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.27	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.94	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.47	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	1.1	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.25	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorobutanesulfonic acid (PFBS)	**2.3**		1.7	0.17	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorohexanesulfonic acid (PFHxS)	**1.0**	**J B**	1.7	0.15	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.16	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorooctanesulfonic acid (PFOS)	**7.5**		1.7	0.46	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.27	ng/L		05/11/18 13:02	05/15/18 20:03	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.7	0.30	ng/L		05/11/18 13:02	05/15/18 20:03	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	2.7	ng/L		05/11/18 13:02	05/15/18 20:03	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	1.6	ng/L		05/11/18 13:02	05/15/18 20:03	1
6:2FTS	**3.9**	**J B**	17	1.7	ng/L		05/11/18 13:02	05/15/18 20:03	1
8:2FTS	ND		17	1.7	ng/L		05/11/18 13:02	05/15/18 20:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*50*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:03*	*1*
13C5 PFPeA	*67*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:03*	*1*
13C2 PFHxA	*71*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:03*	*1*
13C4-PFHpA	*79*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:03*	*1*
13C4 PFOA	*92*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:03*	*1*
13C5 PFNA	*99*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:03*	*1*
13C2 PFDA	*90*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:03*	*1*
13C2 PFUnA	*92*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:03*	*1*
13C2 PFDoA	*73*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:03*	*1*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-02
Date Collected: 05/02/18 16:15
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-19
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-PFTeDA	71		25 - 150	05/11/18 13:02	05/15/18 20:03	1
13C3-PFBS	72		25 - 150	05/11/18 13:02	05/15/18 20:03	1
18O2 PFHxS	82		25 - 150	05/11/18 13:02	05/15/18 20:03	1
13C4 PFOS	82		25 - 150	05/11/18 13:02	05/15/18 20:03	1
13C8 FOSA	60		25 - 150	05/11/18 13:02	05/15/18 20:03	1
d3-NMeFOSAA	155	*	25 - 150	05/11/18 13:02	05/15/18 20:03	1
d5-NEtFOSAA	155	*	25 - 150	05/11/18 13:02	05/15/18 20:03	1
M2-6:2FTS	232	*	25 - 150	05/11/18 13:02	05/15/18 20:03	1
M2-8:2FTS	374	*	25 - 150	05/11/18 13:02	05/15/18 20:03	1

Client Sample ID: MW-05

Date Collected: 05/02/18 16:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-20

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**22**		10	8.2	ug/L			05/10/18 17:26	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			05/10/18 17:26	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			05/10/18 17:26	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			05/10/18 17:26	10
1,1-Dichloroethane	**74**		10	3.8	ug/L			05/10/18 17:26	10
1,1-Dichloroethene	**8.5**	**J**	10	2.9	ug/L			05/10/18 17:26	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			05/10/18 17:26	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			05/10/18 17:26	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			05/10/18 17:26	10
1,2-Dichloroethane	ND		10	2.1	ug/L			05/10/18 17:26	10
1,2-Dichloropropane	ND		10	7.2	ug/L			05/10/18 17:26	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			05/10/18 17:26	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			05/10/18 17:26	10
2-Butanone (MEK)	ND		100	13	ug/L			05/10/18 17:26	10
2-Hexanone	ND		50	12	ug/L			05/10/18 17:26	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			05/10/18 17:26	10
Acetone	ND		100	30	ug/L			05/10/18 17:26	10
Benzene	ND		10	4.1	ug/L			05/10/18 17:26	10
Bromoform	ND		10	2.6	ug/L			05/10/18 17:26	10
Bromomethane	ND		10	6.9	ug/L			05/10/18 17:26	10
Carbon disulfide	ND		10	1.9	ug/L			05/10/18 17:26	10
Carbon tetrachloride	ND		10	2.7	ug/L			05/10/18 17:26	10
Chlorobenzene	ND		10	7.5	ug/L			05/10/18 17:26	10
Dibromochloromethane	ND		10	3.2	ug/L			05/10/18 17:26	10
Chloroethane	ND		10	3.2	ug/L			05/10/18 17:26	10
Chloroform	ND		10	3.4	ug/L			05/10/18 17:26	10
Chloromethane	ND		10	3.5	ug/L			05/10/18 17:26	10
cis-1,2-Dichloroethene	**210**		10	8.1	ug/L			05/10/18 17:26	10
Cyclohexane	ND		10	1.8	ug/L			05/10/18 17:26	10
Bromodichloromethane	ND		10	3.9	ug/L			05/10/18 17:26	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			05/10/18 17:26	10
Ethylbenzene	ND		10	7.4	ug/L			05/10/18 17:26	10
1,2-Dibromoethane	ND		10	7.3	ug/L			05/10/18 17:26	10
Isopropylbenzene	ND		10	7.9	ug/L			05/10/18 17:26	10
Methyl acetate	ND		25	13	ug/L			05/10/18 17:26	10
Methyl tert-butyl ether	**3.5**	**J**	10	1.6	ug/L			05/10/18 17:26	10
Methylcyclohexane	ND		10	1.6	ug/L			05/10/18 17:26	10
Methylene Chloride	ND		10	4.4	ug/L			05/10/18 17:26	10
Tetrachloroethene	**640**		10	3.6	ug/L			05/10/18 17:26	10
Toluene	ND		10	5.1	ug/L			05/10/18 17:26	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			05/10/18 17:26	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			05/10/18 17:26	10
Trichloroethene	**200**		10	4.6	ug/L			05/10/18 17:26	10
Trichlorofluoromethane	ND		10	8.8	ug/L			05/10/18 17:26	10
Vinyl chloride	ND		10	9.0	ug/L			05/10/18 17:26	10
Xylenes, Total	ND		20	6.6	ug/L			05/10/18 17:26	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			05/10/18 17:26	10
Styrene	ND		10	7.3	ug/L			05/10/18 17:26	10

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: MW-05
Date Collected: 05/02/18 16:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-20
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		77 - 120		05/10/18 17:26	10
4-Bromofluorobenzene (Surr)	88		73 - 120		05/10/18 17:26	10
Toluene-d8 (Surr)	95		80 - 120		05/10/18 17:26	10

Client Sample ID: URS-16
Date Collected: 05/02/18 16:25
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-21
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		80	66	ug/L			05/10/18 06:17	80
1,1,2,2-Tetrachloroethane	ND		80	17	ug/L			05/10/18 06:17	80
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		80	25	ug/L			05/10/18 06:17	80
1,1,2-Trichloroethane	ND		80	18	ug/L			05/10/18 06:17	80
1,1-Dichloroethane	**260**		80	30	ug/L			05/10/18 06:17	80
1,1-Dichloroethene	ND		80	23	ug/L			05/10/18 06:17	80
1,2,4-Trichlorobenzene	ND		80	33	ug/L			05/10/18 06:17	80
1,2-Dibromo-3-Chloropropane	ND		80	31	ug/L			05/10/18 06:17	80
1,2-Dichlorobenzene	ND		80	63	ug/L			05/10/18 06:17	80
1,2-Dichloroethane	ND		80	17	ug/L			05/10/18 06:17	80
1,2-Dichloropropane	ND		80	58	ug/L			05/10/18 06:17	80
1,3-Dichlorobenzene	ND		80	62	ug/L			05/10/18 06:17	80
1,4-Dichlorobenzene	ND		80	67	ug/L			05/10/18 06:17	80
2-Butanone (MEK)	ND		800	110	ug/L			05/10/18 06:17	80
2-Hexanone	ND		400	99	ug/L			05/10/18 06:17	80
4-Methyl-2-pentanone (MIBK)	ND		400	170	ug/L			05/10/18 06:17	80
Acetone	ND		800	240	ug/L			05/10/18 06:17	80
Benzene	ND		80	33	ug/L			05/10/18 06:17	80
Bromoform	ND		80	21	ug/L			05/10/18 06:17	80
Bromomethane	ND		80	55	ug/L			05/10/18 06:17	80
Carbon disulfide	ND		80	15	ug/L			05/10/18 06:17	80
Carbon tetrachloride	ND		80	22	ug/L			05/10/18 06:17	80
Chlorobenzene	ND		80	60	ug/L			05/10/18 06:17	80
Dibromochloromethane	ND		80	26	ug/L			05/10/18 06:17	80
Chloroethane	ND		80	26	ug/L			05/10/18 06:17	80
Chloroform	ND		80	27	ug/L			05/10/18 06:17	80
Chloromethane	ND		80	28	ug/L			05/10/18 06:17	80
cis-1,2-Dichloroethene	**1800**		80	65	ug/L			05/10/18 06:17	80
Cyclohexane	ND		80	14	ug/L			05/10/18 06:17	80
Bromodichloromethane	ND		80	31	ug/L			05/10/18 06:17	80
Dichlorodifluoromethane	ND		80	54	ug/L			05/10/18 06:17	80
Ethylbenzene	ND		80	59	ug/L			05/10/18 06:17	80
1,2-Dibromoethane	ND		80	58	ug/L			05/10/18 06:17	80
Isopropylbenzene	ND		80	63	ug/L			05/10/18 06:17	80
Methyl acetate	ND		200	100	ug/L			05/10/18 06:17	80
Methyl tert-butyl ether	ND		80	13	ug/L			05/10/18 06:17	80
Methylcyclohexane	ND		80	13	ug/L			05/10/18 06:17	80
Methylene Chloride	ND		80	35	ug/L			05/10/18 06:17	80
Tetrachloroethene	**2600**		80	29	ug/L			05/10/18 06:17	80
Toluene	ND		80	41	ug/L			05/10/18 06:17	80
trans-1,2-Dichloroethene	ND		80	72	ug/L			05/10/18 06:17	80
trans-1,3-Dichloropropene	ND		80	30	ug/L			05/10/18 06:17	80
Trichloroethene	**630**		80	37	ug/L			05/10/18 06:17	80
Trichlorofluoromethane	ND		80	70	ug/L			05/10/18 06:17	80
Vinyl chloride	**95**		80	72	ug/L			05/10/18 06:17	80
Xylenes, Total	ND		160	53	ug/L			05/10/18 06:17	80
cis-1,3-Dichloropropene	ND		80	29	ug/L			05/10/18 06:17	80
Styrene	ND		80	58	ug/L			05/10/18 06:17	80

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-16
Date Collected: 05/02/18 16:25
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-21
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		05/10/18 06:17	80
4-Bromofluorobenzene (Surr)	91		73 - 120		05/10/18 06:17	80
Toluene-d8 (Surr)	94		80 - 120		05/10/18 06:17	80

Client Sample ID: OW-3S

Date Collected: 05/02/18 16:30
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-22

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			05/10/18 16:58	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			05/10/18 16:58	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			05/10/18 16:58	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			05/10/18 16:58	8
1,1-Dichloroethane	**350**		8.0	3.0	ug/L			05/10/18 16:58	8
1,1-Dichloroethene	**41**		8.0	2.3	ug/L			05/10/18 16:58	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			05/10/18 16:58	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			05/10/18 16:58	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			05/10/18 16:58	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			05/10/18 16:58	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			05/10/18 16:58	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			05/10/18 16:58	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			05/10/18 16:58	8
2-Butanone (MEK)	ND		80	11	ug/L			05/10/18 16:58	8
2-Hexanone	ND		40	9.9	ug/L			05/10/18 16:58	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			05/10/18 16:58	8
Acetone	ND		80	24	ug/L			05/10/18 16:58	8
Benzene	ND		8.0	3.3	ug/L			05/10/18 16:58	8
Bromoform	ND		8.0	2.1	ug/L			05/10/18 16:58	8
Bromomethane	ND		8.0	5.5	ug/L			05/10/18 16:58	8
Carbon disulfide	ND		8.0	1.5	ug/L			05/10/18 16:58	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			05/10/18 16:58	8
Chlorobenzene	ND		8.0	6.0	ug/L			05/10/18 16:58	8
Dibromochloromethane	ND		8.0	2.6	ug/L			05/10/18 16:58	8
Chloroethane	ND		8.0	2.6	ug/L			05/10/18 16:58	8
Chloroform	ND		8.0	2.7	ug/L			05/10/18 16:58	8
Chloromethane	ND		8.0	2.8	ug/L			05/10/18 16:58	8
cis-1,2-Dichloroethene	**360**		8.0	6.5	ug/L			05/10/18 16:58	8
Cyclohexane	ND		8.0	1.4	ug/L			05/10/18 16:58	8
Bromodichloromethane	ND		8.0	3.1	ug/L			05/10/18 16:58	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			05/10/18 16:58	8
Ethylbenzene	ND		8.0	5.9	ug/L			05/10/18 16:58	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			05/10/18 16:58	8
Isopropylbenzene	ND		8.0	6.3	ug/L			05/10/18 16:58	8
Methyl acetate	ND		20	10	ug/L			05/10/18 16:58	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			05/10/18 16:58	8
Methylcyclohexane	ND		8.0	1.3	ug/L			05/10/18 16:58	8
Methylene Chloride	ND		8.0	3.5	ug/L			05/10/18 16:58	8
Tetrachloroethene	**5.9**	**J**	8.0	2.9	ug/L			05/10/18 16:58	8
Toluene	ND		8.0	4.1	ug/L			05/10/18 16:58	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			05/10/18 16:58	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			05/10/18 16:58	8
Trichloroethene	**140**		8.0	3.7	ug/L			05/10/18 16:58	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			05/10/18 16:58	8
Vinyl chloride	ND		8.0	7.2	ug/L			05/10/18 16:58	8
Xylenes, Total	ND		16	5.3	ug/L			05/10/18 16:58	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			05/10/18 16:58	8
Styrene	ND		8.0	5.8	ug/L			05/10/18 16:58	8

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: OW-3S
Date Collected: 05/02/18 16:30
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-22
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		05/10/18 16:58	8
4-Bromofluorobenzene (Surr)	89		73 - 120		05/10/18 16:58	8
Toluene-d8 (Surr)	95		80 - 120		05/10/18 16:58	8

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: FD2-050218
Date Collected: 05/02/18 00:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-23
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			05/11/18 00:22	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			05/11/18 00:22	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			05/11/18 00:22	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			05/11/18 00:22	10
1,1-Dichloroethane	**26**		10	3.8	ug/L			05/11/18 00:22	10
1,1-Dichloroethene	ND		10	2.9	ug/L			05/11/18 00:22	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			05/11/18 00:22	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			05/11/18 00:22	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			05/11/18 00:22	10
1,2-Dichloroethane	ND		10	2.1	ug/L			05/11/18 00:22	10
1,2-Dichloropropane	ND		10	7.2	ug/L			05/11/18 00:22	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			05/11/18 00:22	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			05/11/18 00:22	10
2-Butanone (MEK)	ND		100	13	ug/L			05/11/18 00:22	10
2-Hexanone	ND		50	12	ug/L			05/11/18 00:22	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			05/11/18 00:22	10
Acetone	ND		100	30	ug/L			05/11/18 00:22	10
Benzene	ND		10	4.1	ug/L			05/11/18 00:22	10
Bromoform	ND		10	2.6	ug/L			05/11/18 00:22	10
Bromomethane	ND		10	6.9	ug/L			05/11/18 00:22	10
Carbon disulfide	ND		10	1.9	ug/L			05/11/18 00:22	10
Carbon tetrachloride	ND		10	2.7	ug/L			05/11/18 00:22	10
Chlorobenzene	ND		10	7.5	ug/L			05/11/18 00:22	10
Dibromochloromethane	ND		10	3.2	ug/L			05/11/18 00:22	10
Chloroethane	ND		10	3.2	ug/L			05/11/18 00:22	10
Chloroform	ND		10	3.4	ug/L			05/11/18 00:22	10
Chloromethane	ND		10	3.5	ug/L			05/11/18 00:22	10
cis-1,2-Dichloroethene	**520**		10	8.1	ug/L			05/11/18 00:22	10
Cyclohexane	ND		10	1.8	ug/L			05/11/18 00:22	10
Bromodichloromethane	ND		10	3.9	ug/L			05/11/18 00:22	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			05/11/18 00:22	10
Ethylbenzene	ND		10	7.4	ug/L			05/11/18 00:22	10
1,2-Dibromoethane	ND		10	7.3	ug/L			05/11/18 00:22	10
Isopropylbenzene	ND		10	7.9	ug/L			05/11/18 00:22	10
Methyl acetate	ND		25	13	ug/L			05/11/18 00:22	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			05/11/18 00:22	10
Methylcyclohexane	ND		10	1.6	ug/L			05/11/18 00:22	10
Methylene Chloride	ND		10	4.4	ug/L			05/11/18 00:22	10
Tetrachloroethene	**21**		10	3.6	ug/L			05/11/18 00:22	10
Toluene	ND		10	5.1	ug/L			05/11/18 00:22	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			05/11/18 00:22	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			05/11/18 00:22	10
Trichloroethene	**20**		10	4.6	ug/L			05/11/18 00:22	10
Trichlorofluoromethane	ND		10	8.8	ug/L			05/11/18 00:22	10
Vinyl chloride	**17**		10	9.0	ug/L			05/11/18 00:22	10
Xylenes, Total	ND		20	6.6	ug/L			05/11/18 00:22	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			05/11/18 00:22	10
Styrene	ND		10	7.3	ug/L			05/11/18 00:22	10

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: FD2-050218
Date Collected: 05/02/18 00:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-23
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		05/11/18 00:22	10
4-Bromofluorobenzene (Surr)	91		73 - 120		05/11/18 00:22	10
Toluene-d8 (Surr)	94		80 - 120		05/11/18 00:22	10

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-05
Date Collected: 05/02/18 16:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-24
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			05/08/18 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 144*		*05/08/18 02:36*	*1*
4-Bromofluorobenzene	*84*		*72 - 133*		*05/08/18 02:36*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/10/18 17:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/10/18 17:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/10/18 17:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/10/18 17:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/10/18 17:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/10/18 17:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/10/18 17:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/10/18 17:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/10/18 17:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/10/18 17:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/10/18 17:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/10/18 17:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/10/18 17:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/10/18 17:53	1
2-Hexanone	ND		5.0	1.2	ug/L			05/10/18 17:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/10/18 17:53	1
Acetone	ND		10	3.0	ug/L			05/10/18 17:53	1
Benzene	ND		1.0	0.41	ug/L			05/10/18 17:53	1
Bromoform	ND		1.0	0.26	ug/L			05/10/18 17:53	1
Bromomethane	ND		1.0	0.69	ug/L			05/10/18 17:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/10/18 17:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/10/18 17:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/10/18 17:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/10/18 17:53	1
Chloroethane	ND		1.0	0.32	ug/L			05/10/18 17:53	1
Chloroform	ND		1.0	0.34	ug/L			05/10/18 17:53	1
Chloromethane	ND		1.0	0.35	ug/L			05/10/18 17:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/10/18 17:53	1
Cyclohexane	ND		1.0	0.18	ug/L			05/10/18 17:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/10/18 17:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/10/18 17:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/10/18 17:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/10/18 17:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/10/18 17:53	1
Methyl acetate	ND		2.5	1.3	ug/L			05/10/18 17:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/10/18 17:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/10/18 17:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/10/18 17:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/10/18 17:53	1
Toluene	ND		1.0	0.51	ug/L			05/10/18 17:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/10/18 17:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/10/18 17:53	1

Client Sample ID: URS-05

Date Collected: 05/02/18 16:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-24

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.46	ug/L			05/10/18 17:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/10/18 17:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/10/18 17:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/10/18 17:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/10/18 17:53	1
Styrene	ND		1.0	0.73	ug/L			05/10/18 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*05/10/18 17:53*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*05/10/18 17:53*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/10/18 17:53*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**64**		1.7	0.29	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluoropentanoic acid (PFPeA)	**2.2**		1.7	0.41	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorohexanoic acid (PFHxA)	**2.5**		1.7	0.49	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluoroheptanoic acid (PFHpA)	**1.6**	**J**	1.7	0.21	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorooctanoic acid (PFOA)	**2.2**		1.7	0.71	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorononanoic acid (PFNA)	**0.63**	**J**	1.7	0.23	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.26	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.92	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.46	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	1.1	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.24	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorobutanesulfonic acid (PFBS)	**1.4**	**J**	1.7	0.17	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorohexanesulfonic acid (PFHxS)	**0.37**	**J B**	1.7	0.14	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.16	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorooctanesulfonic acid (PFOS)	**13**		1.7	0.45	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.27	ng/L		05/11/18 13:02	05/15/18 20:27	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.7	0.29	ng/L		05/11/18 13:02	05/15/18 20:27	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	2.6	ng/L		05/11/18 13:02	05/15/18 20:27	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	1.6	ng/L		05/11/18 13:02	05/15/18 20:27	1
6:2FTS	**2.0**	**J B**	17	1.7	ng/L		05/11/18 13:02	05/15/18 20:27	1
8:2FTS	ND		17	1.7	ng/L		05/11/18 13:02	05/15/18 20:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*4*	*	*25 - 150*	*05/11/18 13:02*	*05/15/18 20:27*	*1*
13C5 PFPeA	*47*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:27*	*1*
13C2 PFHxA	*81*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:27*	*1*
13C4-PFHpA	*92*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:27*	*1*
13C4 PFOA	*101*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:27*	*1*
13C5 PFNA	*106*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:27*	*1*
13C2 PFDA	*105*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:27*	*1*
13C2 PFUnA	*112*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:27*	*1*
13C2 PFDoA	*101*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:27*	*1*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-05
Date Collected: 05/02/18 16:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-24
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-PFTeDA	82		25 - 150	05/11/18 13:02	05/15/18 20:27	1
13C3-PFBS	85		25 - 150	05/11/18 13:02	05/15/18 20:27	1
18O2 PFHxS	89		25 - 150	05/11/18 13:02	05/15/18 20:27	1
13C4 PFOS	91		25 - 150	05/11/18 13:02	05/15/18 20:27	1
13C8 FOSA	52		25 - 150	05/11/18 13:02	05/15/18 20:27	1
d3-NMeFOSAA	193	*	25 - 150	05/11/18 13:02	05/15/18 20:27	1
d5-NEtFOSAA	193	*	25 - 150	05/11/18 13:02	05/15/18 20:27	1
M2-6:2FTS	273	*	25 - 150	05/11/18 13:02	05/15/18 20:27	1
M2-8:2FTS	500	*	25 - 150	05/11/18 13:02	05/15/18 20:27	1

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-06
Date Collected: 05/02/18 17:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-25
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			05/10/18 18:20	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			05/10/18 18:20	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			05/10/18 18:20	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			05/10/18 18:20	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			05/10/18 18:20	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			05/10/18 18:20	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			05/10/18 18:20	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			05/10/18 18:20	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			05/10/18 18:20	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			05/10/18 18:20	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			05/10/18 18:20	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			05/10/18 18:20	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			05/10/18 18:20	4
2-Butanone (MEK)	ND		40	5.3	ug/L			05/10/18 18:20	4
2-Hexanone	ND		20	5.0	ug/L			05/10/18 18:20	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			05/10/18 18:20	4
Acetone	ND		40	12	ug/L			05/10/18 18:20	4
Benzene	ND		4.0	1.6	ug/L			05/10/18 18:20	4
Bromoform	ND		4.0	1.0	ug/L			05/10/18 18:20	4
Bromomethane	ND		4.0	2.8	ug/L			05/10/18 18:20	4
Carbon disulfide	ND		4.0	0.76	ug/L			05/10/18 18:20	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			05/10/18 18:20	4
Chlorobenzene	ND		4.0	3.0	ug/L			05/10/18 18:20	4
Dibromochloromethane	ND		4.0	1.3	ug/L			05/10/18 18:20	4
Chloroethane	ND		4.0	1.3	ug/L			05/10/18 18:20	4
Chloroform	ND		4.0	1.4	ug/L			05/10/18 18:20	4
Chloromethane	ND		4.0	1.4	ug/L			05/10/18 18:20	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			05/10/18 18:20	4
Cyclohexane	ND		4.0	0.72	ug/L			05/10/18 18:20	4
Bromodichloromethane	ND		4.0	1.6	ug/L			05/10/18 18:20	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			05/10/18 18:20	4
Ethylbenzene	ND		4.0	3.0	ug/L			05/10/18 18:20	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			05/10/18 18:20	4
Isopropylbenzene	ND		4.0	3.2	ug/L			05/10/18 18:20	4
Methyl acetate	ND		10	5.2	ug/L			05/10/18 18:20	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			05/10/18 18:20	4
Methylcyclohexane	ND		4.0	0.64	ug/L			05/10/18 18:20	4
Methylene Chloride	ND		4.0	1.8	ug/L			05/10/18 18:20	4
Tetrachloroethene	ND		4.0	1.4	ug/L			05/10/18 18:20	4
Toluene	ND		4.0	2.0	ug/L			05/10/18 18:20	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			05/10/18 18:20	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			05/10/18 18:20	4
Trichloroethene	ND		4.0	1.8	ug/L			05/10/18 18:20	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			05/10/18 18:20	4
Vinyl chloride	ND		4.0	3.6	ug/L			05/10/18 18:20	4
Xylenes, Total	ND		8.0	2.6	ug/L			05/10/18 18:20	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			05/10/18 18:20	4
Styrene	ND		4.0	2.9	ug/L			05/10/18 18:20	4

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-06
Date Collected: 05/02/18 17:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-25
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		05/10/18 18:20	4
4-Bromofluorobenzene (Surr)	90		73 - 120		05/10/18 18:20	4
Toluene-d8 (Surr)	95		80 - 120		05/10/18 18:20	4

Client Sample ID: URS-13
Date Collected: 05/02/18 17:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-26
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.2**		0.40	0.20	ug/L			05/05/18 07:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 144*		*05/05/18 07:57*	*1*
4-Bromofluorobenzene	*82*		*72 - 133*		*05/05/18 07:57*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			05/10/18 18:48	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			05/10/18 18:48	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			05/10/18 18:48	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			05/10/18 18:48	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			05/10/18 18:48	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			05/10/18 18:48	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			05/10/18 18:48	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			05/10/18 18:48	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			05/10/18 18:48	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			05/10/18 18:48	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			05/10/18 18:48	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			05/10/18 18:48	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			05/10/18 18:48	2
2-Butanone (MEK)	ND		20	2.6	ug/L			05/10/18 18:48	2
2-Hexanone	ND		10	2.5	ug/L			05/10/18 18:48	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			05/10/18 18:48	2
Acetone	ND		20	6.0	ug/L			05/10/18 18:48	2
Benzene	ND		2.0	0.82	ug/L			05/10/18 18:48	2
Bromoform	ND		2.0	0.52	ug/L			05/10/18 18:48	2
Bromomethane	ND		2.0	1.4	ug/L			05/10/18 18:48	2
Carbon disulfide	ND		2.0	0.38	ug/L			05/10/18 18:48	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			05/10/18 18:48	2
Chlorobenzene	ND		2.0	1.5	ug/L			05/10/18 18:48	2
Dibromochloromethane	ND		2.0	0.64	ug/L			05/10/18 18:48	2
Chloroethane	ND		2.0	0.64	ug/L			05/10/18 18:48	2
Chloroform	ND		2.0	0.68	ug/L			05/10/18 18:48	2
Chloromethane	ND		2.0	0.70	ug/L			05/10/18 18:48	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			05/10/18 18:48	2
Cyclohexane	ND		2.0	0.36	ug/L			05/10/18 18:48	2
Bromodichloromethane	ND		2.0	0.78	ug/L			05/10/18 18:48	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			05/10/18 18:48	2
Ethylbenzene	ND		2.0	1.5	ug/L			05/10/18 18:48	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			05/10/18 18:48	2
Isopropylbenzene	ND		2.0	1.6	ug/L			05/10/18 18:48	2
Methyl acetate	ND		5.0	2.6	ug/L			05/10/18 18:48	2
Methyl tert-butyl ether	**0.37**	**J**	2.0	0.32	ug/L			05/10/18 18:48	2
Methylcyclohexane	ND		2.0	0.32	ug/L			05/10/18 18:48	2
Methylene Chloride	ND		2.0	0.88	ug/L			05/10/18 18:48	2
Tetrachloroethene	ND		2.0	0.72	ug/L			05/10/18 18:48	2
Toluene	ND		2.0	1.0	ug/L			05/10/18 18:48	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			05/10/18 18:48	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			05/10/18 18:48	2

Client Sample ID: URS-13

Date Collected: 05/02/18 17:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-26

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0	0.92	ug/L			05/10/18 18:48	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			05/10/18 18:48	2
Vinyl chloride	ND		2.0	1.8	ug/L			05/10/18 18:48	2
Xylenes, Total	ND		4.0	1.3	ug/L			05/10/18 18:48	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			05/10/18 18:48	2
Styrene	ND		2.0	1.5	ug/L			05/10/18 18:48	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*05/10/18 18:48*	*2*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*05/10/18 18:48*	*2*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/10/18 18:48*	*2*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**65**		2.0	0.35	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluoropentanoic acid (PFPeA)	**130**		2.0	0.49	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorohexanoic acid (PFHxA)	**120**		2.0	0.57	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluoroheptanoic acid (PFHpA)	**71**		2.0	0.25	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorooctanoic acid (PFOA)	**110**		2.0	0.84	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorononanoic acid (PFNA)	**36**		2.0	0.27	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorodecanoic acid (PFDA)	**11**		2.0	0.31	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluoroundecanoic acid (PFUnA)	**1.6**	**J**	2.0	1.1	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorododecanoic acid (PFDoA)	**1.2**	**J**	2.0	0.54	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.29	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorobutanesulfonic acid (PFBS)	**4.7**		2.0	0.20	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorohexanesulfonic acid (PFHxS)	**9.3**	**B**	2.0	0.17	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluoroheptanesulfonic Acid (PFHpS)	**2.0**		2.0	0.19	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorooctanesulfonic acid (PFOS)	**51**		2.0	0.54	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		05/11/18 13:02	05/15/18 20:34	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.0	0.35	ng/L		05/11/18 13:02	05/15/18 20:34	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.1	ng/L		05/11/18 13:02	05/15/18 20:34	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		05/11/18 13:02	05/15/18 20:34	1
6:2FTS	**2.4**	**J B**	20	2.0	ng/L		05/11/18 13:02	05/15/18 20:34	1
8:2FTS	ND		20	2.0	ng/L		05/11/18 13:02	05/15/18 20:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*72*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:34*	*1*
13C5 PFPeA	*89*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:34*	*1*
13C2 PFHxA	*93*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:34*	*1*
13C4-PFHpA	*97*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:34*	*1*
13C4 PFOA	*105*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:34*	*1*
13C5 PFNA	*109*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:34*	*1*
13C2 PFDA	*109*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:34*	*1*
13C2 PFUnA	*115*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:34*	*1*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-13
Date Collected: 05/02/18 17:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-26
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDoA	114		25 - 150	05/11/18 13:02	05/15/18 20:34	1
13C2-PFTeDA	107		25 - 150	05/11/18 13:02	05/15/18 20:34	1
13C3-PFBS	89		25 - 150	05/11/18 13:02	05/15/18 20:34	1
18O2 PFHxS	92		25 - 150	05/11/18 13:02	05/15/18 20:34	1
13C4 PFOS	95		25 - 150	05/11/18 13:02	05/15/18 20:34	1
13C8 FOSA	92		25 - 150	05/11/18 13:02	05/15/18 20:34	1
d3-NMeFOSAA	185	*	25 - 150	05/11/18 13:02	05/15/18 20:34	1
d5-NEtFOSAA	172	*	25 - 150	05/11/18 13:02	05/15/18 20:34	1
M2-6:2FTS	188	*	25 - 150	05/11/18 13:02	05/15/18 20:34	1
M2-8:2FTS	288	*	25 - 150	05/11/18 13:02	05/15/18 20:34	1

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: EB-050218
Date Collected: 05/02/18 16:45
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-27
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.7	0.30	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.42	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.50	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.22	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.73	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.23	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.27	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.95	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.47	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	1.1	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.25	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.17	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorohexanesulfonic acid (PFHxS)	**0.21**	**J B**	1.7	0.15	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.16	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.7	0.46	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.28	ng/L		05/11/18 13:02	05/15/18 20:42	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.7	0.30	ng/L		05/11/18 13:02	05/15/18 20:42	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	2.7	ng/L		05/11/18 13:02	05/15/18 20:42	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	1.6	ng/L		05/11/18 13:02	05/15/18 20:42	1
6:2FTS	**1.7**	**J B**	17	1.7	ng/L		05/11/18 13:02	05/15/18 20:42	1
8:2FTS	ND		17	1.7	ng/L		05/11/18 13:02	05/15/18 20:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C5 PFPeA	*103*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C2 PFHxA	*102*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C4-PFHpA	*99*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C4 PFOA	*108*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C5 PFNA	*111*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C2 PFDA	*101*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C2 PFUnA	*107*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C2 PFDoA	*104*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C2-PFTeDA	*100*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C3-PFBS	*101*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
18O2 PFHxS	*102*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C4 PFOS	*105*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
13C8 FOSA	*90*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
d3-NMeFOSAA	*100*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
d5-NEtFOSAA	*106*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
M2-6:2FTS	*109*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*
M2-8:2FTS	*114*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:42*	*1*

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: FB-050218
Date Collected: 05/02/18 16:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-28
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.8	0.32	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluoropentanoic acid (PFPeA)	ND		1.8	0.44	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorohexanoic acid (PFHxA)	ND		1.8	0.52	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8	0.23	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorooctanoic acid (PFOA)	ND		1.8	0.77	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorononanoic acid (PFNA)	ND		1.8	0.24	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorodecanoic acid (PFDA)	ND		1.8	0.28	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.99	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.50	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.8	1.2	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.26	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8	0.18	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorohexanesulfonic acid (PFHxS)	**0.24**	**J B**	1.8	0.15	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8	0.17	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8	0.49	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.29	ng/L		05/11/18 13:02	05/15/18 20:50	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.8	0.32	ng/L		05/11/18 13:02	05/15/18 20:50	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		18	2.8	ng/L		05/11/18 13:02	05/15/18 20:50	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		18	1.7	ng/L		05/11/18 13:02	05/15/18 20:50	1
6:2FTS	**2.1**	**J B**	18	1.8	ng/L		05/11/18 13:02	05/15/18 20:50	1
8:2FTS	ND		18	1.8	ng/L		05/11/18 13:02	05/15/18 20:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C5 PFPeA	*98*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C2 PFHxA	*97*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C4-PFHpA	*96*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C4 PFOA	*100*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C5 PFNA	*104*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C2 PFDA	*96*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C2 PFUnA	*102*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C2 PFDoA	*96*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C2-PFTeDA	*100*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C3-PFBS	*93*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
18O2 PFHxS	*96*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C4 PFOS	*97*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
13C8 FOSA	*86*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
d3-NMeFOSAA	*91*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
d5-NEtFOSAA	*96*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
M2-6:2FTS	*114*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*
M2-8:2FTS	*110*		*25 - 150*	*05/11/18 13:02*	*05/15/18 20:50*	*1*

Client Sample ID: TRIP BLANK

Date Collected: 05/02/18 00:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-29

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/10/18 07:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/10/18 07:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/10/18 07:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/10/18 07:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/10/18 07:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/10/18 07:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/10/18 07:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/10/18 07:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/10/18 07:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/10/18 07:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/10/18 07:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/10/18 07:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/10/18 07:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/10/18 07:12	1
2-Hexanone	ND		5.0	1.2	ug/L			05/10/18 07:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/10/18 07:12	1
Acetone	**3.7**	**J**	10	3.0	ug/L			05/10/18 07:12	1
Benzene	ND		1.0	0.41	ug/L			05/10/18 07:12	1
Bromoform	ND		1.0	0.26	ug/L			05/10/18 07:12	1
Bromomethane	ND		1.0	0.69	ug/L			05/10/18 07:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/10/18 07:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/10/18 07:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/10/18 07:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/10/18 07:12	1
Chloroethane	ND		1.0	0.32	ug/L			05/10/18 07:12	1
Chloroform	ND		1.0	0.34	ug/L			05/10/18 07:12	1
Chloromethane	ND		1.0	0.35	ug/L			05/10/18 07:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/10/18 07:12	1
Cyclohexane	ND		1.0	0.18	ug/L			05/10/18 07:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/10/18 07:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/10/18 07:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/10/18 07:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/10/18 07:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/10/18 07:12	1
Methyl acetate	ND		2.5	1.3	ug/L			05/10/18 07:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/10/18 07:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/10/18 07:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/10/18 07:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/10/18 07:12	1
Toluene	ND		1.0	0.51	ug/L			05/10/18 07:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/10/18 07:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/10/18 07:12	1
Trichloroethene	ND		1.0	0.46	ug/L			05/10/18 07:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/10/18 07:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/10/18 07:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/10/18 07:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/10/18 07:12	1
Styrene	ND		1.0	0.73	ug/L			05/10/18 07:12	1

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: TRIP BLANK
Date Collected: 05/02/18 00:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-29
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		77 - 120		05/10/18 07:12	1
4-Bromofluorobenzene (Surr)	91		73 - 120		05/10/18 07:12	1
Toluene-d8 (Surr)	95		80 - 120		05/10/18 07:12	1

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-03
Lab Sample ID: 480-135305-1
Date Collected: 05/02/18 13:36
Matrix: Water
Date Received: 05/02/18 19:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	413540	05/10/18 12:24	RLB	TAL BUF
Total/NA	Analysis	8260C SIM		2	517179	05/08/18 03:32	AAT	TAL EDI
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 19:16	CBW	TAL SAC

Client Sample ID: URS-1A
Lab Sample ID: 480-135305-2
Date Collected: 05/02/18 13:47
Matrix: Water
Date Received: 05/02/18 19:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	413540	05/10/18 12:51	RLB	TAL BUF

Client Sample ID: OW-5S
Lab Sample ID: 480-135305-3
Date Collected: 05/02/18 13:55
Matrix: Water
Date Received: 05/02/18 19:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	413540	05/10/18 13:18	RLB	TAL BUF

Client Sample ID: B1/PZ-3
Lab Sample ID: 480-135305-4
Date Collected: 05/02/18 14:00
Matrix: Water
Date Received: 05/02/18 19:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	413540	05/10/18 13:46	RLB	TAL BUF

Client Sample ID: FD1-050218
Lab Sample ID: 480-135305-5
Date Collected: 05/02/18 00:00
Matrix: Water
Date Received: 05/02/18 19:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		400	413540	05/10/18 14:14	RLB	TAL BUF

Client Sample ID: OW-7S
Lab Sample ID: 480-135305-6
Date Collected: 05/02/18 14:10
Matrix: Water
Date Received: 05/02/18 19:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	413540	05/10/18 14:41	RLB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: SW-32
Date Collected: 05/02/18 14:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20000	413509	05/10/18 02:09	NMC	TAL BUF
Total/NA	Analysis	8260C SIM		250	516924	05/07/18 03:03	AAT	TAL EDI
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 19:24	CBW	TAL SAC

Client Sample ID: SW-33
Date Collected: 05/02/18 14:30
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10000	413509	05/10/18 02:37	NMC	TAL BUF
Total/NA	Analysis	8260C SIM		100	517179	05/08/18 04:26	AAT	TAL EDI
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 19:32	CBW	TAL SAC

Client Sample ID: SW-37
Date Collected: 05/02/18 15:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		400	413509	05/10/18 03:05	NMC	TAL BUF

Client Sample ID: URS-11
Date Collected: 05/02/18 15:05
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1000	413509	05/10/18 03:32	NMC	TAL BUF

Client Sample ID: URS-12
Date Collected: 05/02/18 15:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	413509	05/10/18 04:00	NMC	TAL BUF

Client Sample ID: URS-08
Date Collected: 05/02/18 15:15
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	413540	05/10/18 15:09	RLB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: URS-08
Date Collected: 05/02/18 15:15
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	517179	05/08/18 02:09	AAT	TAL EDI
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 19:40	CBW	TAL SAC

Client Sample ID: URS-09
Date Collected: 05/02/18 15:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 19:48	CBW	TAL SAC

Client Sample ID: URS-15
Date Collected: 05/02/18 15:40
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	413509	05/10/18 04:27	NMC	TAL BUF
Total/NA	Analysis	8260C	DL	50	413540	05/10/18 15:36	RLB	TAL BUF
Total/NA	Analysis	8260C SIM		5	517179	05/08/18 03:03	AAT	TAL EDI
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 19:55	CBW	TAL SAC

Client Sample ID: OW-6S
Date Collected: 05/02/18 15:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	413509	05/10/18 04:55	NMC	TAL BUF

Client Sample ID: URS-07
Date Collected: 05/02/18 15:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	413509	05/10/18 05:22	NMC	TAL BUF
Total/NA	Analysis	8260C	DL	80	413540	05/10/18 16:03	RLB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: B4/PZ-01
Date Collected: 05/02/18 16:05
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	413540	05/10/18 16:31	RLB	TAL BUF

Client Sample ID: OW-04S
Date Collected: 05/02/18 16:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	413745	05/10/18 23:55	LCH	TAL BUF

Client Sample ID: URS-02
Date Collected: 05/02/18 16:15
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	413509	05/10/18 05:49	NMC	TAL BUF
Total/NA	Analysis	8260C SIM		100	517179	05/08/18 03:59	AAT	TAL EDI
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 20:03	CBW	TAL SAC

Client Sample ID: MW-05
Date Collected: 05/02/18 16:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	413540	05/10/18 17:26	RLB	TAL BUF

Client Sample ID: URS-16
Date Collected: 05/02/18 16:25
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		80	413509	05/10/18 06:17	NMC	TAL BUF

Client Sample ID: OW-3S
Date Collected: 05/02/18 16:30
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	413540	05/10/18 16:58	RLB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: FD2-050218
Date Collected: 05/02/18 00:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	413745	05/11/18 00:22	LCH	TAL BUF

Client Sample ID: URS-05
Date Collected: 05/02/18 16:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	413540	05/10/18 17:53	RLB	TAL BUF
Total/NA	Analysis	8260C SIM		1	517179	05/08/18 02:36	AAT	TAL EDI
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 20:27	CBW	TAL SAC

Client Sample ID: URS-06
Date Collected: 05/02/18 17:10
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	413540	05/10/18 18:20	RLB	TAL BUF

Client Sample ID: URS-13
Date Collected: 05/02/18 17:20
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	413540	05/10/18 18:48	RLB	TAL BUF
Total/NA	Analysis	8260C SIM		1	516643	05/05/18 07:57	XXC	TAL EDI
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 20:34	CBW	TAL SAC

Client Sample ID: EB-050218
Date Collected: 05/02/18 16:45
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-27
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 20:42	CBW	TAL SAC

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Client Sample ID: FB-050218

Date Collected: 05/02/18 16:50
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			222744	05/11/18 13:02	TWL	TAL SAC
Total/NA	Analysis	537 (modified)		1	223461	05/15/18 20:50	CBW	TAL SAC

Client Sample ID: TRIP BLANK

Date Collected: 05/02/18 00:00
Date Received: 05/02/18 19:47

Lab Sample ID: 480-135305-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	413509	05/10/18 07:12	NMC	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600
TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900
TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18 *

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-18
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-18
New Jersey	NELAP	2	12028	06-30-18
New York	NELAP	2	11452	04-01-19
Pennsylvania	NELAP	3	68-00522	02-28-19
Rhode Island	State Program	1	LAO00132	12-30-18
USDA	Federal		NJCA-003-08	06-13-20

Laboratory: TestAmerica Sacramento

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska (UST)	State Program	10	17-020	01-20-21
Arizona	State Program	9	AZ0708	08-11-18
Arkansas DEQ	State Program	6	88-0691	06-17-19
California	State Program	9	2897	01-31-19
Colorado	State Program	8	CA00044	08-31-18
Connecticut	State Program	1	PH-0691	06-30-19
Florida	NELAP	4	E87570	06-30-18
Georgia	State Program	4	N/A	01-28-19
Hawaii	State Program	9	N/A	01-29-19
Illinois	NELAP	5	200060	03-17-19
Kansas	NELAP	7	E-10375	10-31-18
L-A-B	DoD ELAP		L2468	01-20-21
Louisiana	NELAP	6	30612	06-30-18
Maine	State Program	1	CA0004	04-14-20
Michigan	State Program	5	9947	01-31-20
Nevada	State Program	9	CA00044	07-31-18
New Hampshire	NELAP	1	2997	04-18-19
New Jersey	NELAP	2	CA005	06-30-18
New York	NELAP	2	11666	03-31-19
Oregon	NELAP	10	4040	01-29-19
Pennsylvania	NELAP	3	68-01272	03-31-19
Texas	NELAP	6	T104704399	05-31-19
US Fish & Wildlife	Federal		LE148388-0	07-31-18
USDA	Federal		P330-11-00436	01-17-21
USEPA UCMR	Federal	1	CA00044	11-06-18
Utah	NELAP	8	CA00044	02-28-19
Vermont	State Program	1	VT-4040	04-30-19
Virginia	NELAP	3	460278	03-14-19
Washington	State Program	10	C581	05-05-19
West Virginia (DW)	State Program	3	9930C	12-31-18
Wyoming	State Program	8	8TMS-L	01-28-19

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

Method Summary

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL EDI
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC
5030C	Purge and Trap	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL EDI

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 BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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

Sample Summary

Client: New York State D.E.C.
Project/Site: Stuart-Oliver-Holtz #828079

TestAmerica Job ID: 480-135305-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-135305-1	URS-03	Water	05/02/18 13:36	05/02/18 19:47
480-135305-2	URS-1A	Water	05/02/18 13:47	05/02/18 19:47
480-135305-3	OW-5S	Water	05/02/18 13:55	05/02/18 19:47
480-135305-4	B1/PZ-3	Water	05/02/18 14:00	05/02/18 19:47
480-135305-5	FD1-050218	Water	05/02/18 00:00	05/02/18 19:47
480-135305-6	OW-7S	Water	05/02/18 14:10	05/02/18 19:47
480-135305-7	SW-32	Water	05/02/18 14:20	05/02/18 19:47
480-135305-8	SW-33	Water	05/02/18 14:30	05/02/18 19:47
480-135305-9	SW-37	Water	05/02/18 15:00	05/02/18 19:47
480-135305-10	URS-11	Water	05/02/18 15:05	05/02/18 19:47
480-135305-11	URS-12	Water	05/02/18 15:10	05/02/18 19:47
480-135305-12	URS-08	Water	05/02/18 15:15	05/02/18 19:47
480-135305-13	URS-09	Water	05/02/18 15:20	05/02/18 19:47
480-135305-14	URS-15	Water	05/02/18 15:40	05/02/18 19:47
480-135305-15	OW-6S	Water	05/02/18 15:50	05/02/18 19:47
480-135305-16	URS-07	Water	05/02/18 15:50	05/02/18 19:47
480-135305-17	B4/PZ-01	Water	05/02/18 16:05	05/02/18 19:47
480-135305-18	OW-04S	Water	05/02/18 16:10	05/02/18 19:47
480-135305-19	URS-02	Water	05/02/18 16:15	05/02/18 19:47
480-135305-20	MW-05	Water	05/02/18 16:20	05/02/18 19:47
480-135305-21	URS-16	Water	05/02/18 16:25	05/02/18 19:47
480-135305-22	OW-3S	Water	05/02/18 16:30	05/02/18 19:47
480-135305-23	FD2-050218	Water	05/02/18 00:00	05/02/18 19:47
480-135305-24	URS-05	Water	05/02/18 16:50	05/02/18 19:47
480-135305-25	URS-06	Water	05/02/18 17:10	05/02/18 19:47
480-135305-26	URS-13	Water	05/02/18 17:20	05/02/18 19:47
480-135305-27	EB-050218	Water	05/02/18 16:45	05/02/18 19:47
480-135305-28	FB-050218	Water	05/02/18 16:50	05/02/18 19:47
480-135305-29	TRIP BLANK	Water	05/02/18 00:00	05/02/18 19:47

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

480-135305 COC

Client Information	Sampler: K. McGUERN / D. MCDAID	Lab PM: Johnson, Orlette S	COC No: 480-111899-25960.1
Client Contact: Mr. George Kisluk	Phone: 716-~~8~~923-1321	E-Mail: orlette.johnson@testamericainc.com	Page: Page 1 of ~~2~~ 3
Company: URS Corporation			Job #:
Address: 257 W. Genesee Street	Due Date Requested:		
City: Buffalo	TAT Requested (days):		
State, Zip: NY, 14202			
Phone:	PO #: CallOut ID120539		
Email: george.kisluk@aecom.com	WO #:		
Project Name: Stuart-Oliver-Holtz #828079	Project #: 48005134		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	PFC_IDA - (MOD) PFAS, Standard List	8260C_SIM - (MOD) 1,4-dioxane only	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	A		
URS-03 -	5-2-18	1336	G	Water	N	N	X	X	X	7	
URS-14 -	5-2-18	1347		Water			X			3	
OW-5S -	5-2-18	1355		Water			X			3	
B1/PZ-3 -		1400		Water			X			3	
~~URS-04~~ FD2-050218		—		Water			X			3	
OW-7S -		1410		Water			X			3	
SW-32 -		1420		Water			X	X	X	12-7	1x250mL + 11x40mL VOA
SW-33 -		1430		Water			X	X	X	7	
SW-37 -		1500		Water			X			3	
URS-11 -		1505		Water			X			3	
URS-12 -		1510		Water			X			3	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 5/2/18 1947	Company	Received by:	Date/Time: 5/2/18 1947	Company TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

S.O.S. #1

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: K. McGovern/D. Mullins	Lab PM: Johnson, Orlette S	Carrier Tracking No(s):	COC No: 480-111899-25960.2
Client Contact: Mr. George Kisluk	Phone: 716-923-1321	E-Mail: orlette.johnson@testamericainc.com		Page: Page 2 of 3
Company: URS Corporation				Job #:

Address: 257 W. Genesee Street	Due Date Requested:
City: Buffalo	TAT Requested (days):
State, Zip: NY, 14202	
Phone:	PO #: CallOut ID120539
Email: george.kisluk@aecom.com	WO #:
Project Name: Stuart-Oliver-Holtz #828079	Project #: 48005134
Site:	SSOW#:

Analysis Requested

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 - Na2S2O3
G - Amchlor	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:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	PFC_IDA - (MOD) PFAS, Standard List	8260C_SIM - (MOD) 1,4-dioxane only	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	A		
URS-08	5-2-18	1515	G	Water			X	X	X	7	
URS-09		1520		Water			X	X	X	7	
URS-15		1540		Water			X	X	X	7	
OW-6S		1550		Water			X			3	
URS-07		1550		Water			X			3	
B4/PZ-01		1605		Water			X			3	
OW-04S		1610		Water			X			3	
URS-02		1615		Water			X	X	X	7	
MW-05		1620		Water			X			3	
URS-16		1625		Water			X			3	
~~OW-3S~~ OW-3S		1630		Water			X			3	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 5/2/18 1917	Company	Received by:	Date/Time: 5/2/18 1947	Company TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s)°C and Other Remarks: 5.0, 5.3 #1

Ver: 08/04/2016

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: K. McGowan / D. McNabb	Lab PM: Johnson, Orlette S	Carrier Tracking No(s):	COC No: 480-111899-25960.6
Client Contact: Mr. George Kisluk	Phone: 716-923-1321	E-Mail: orlette.johnson@testamericainc.com		Page: Page 6 of 6 3of3
Company: URS Corporation				Job #:
Address: 257 W. Genesee Street	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202				
Phone:	PO #: CallOut ID120539			
Email: george.kisluk@aecom.com	WO #:			
Project Name: Stuart-Oliver-Holtz #828079	Project #: 48005134			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	PFC_IDA - (MOD) PFAS, Standard List	8260C_SIM - (MOD) 1,4-dioxane only	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	A		
FD2-050218	5-2-18		G	Water	N	N	X			1	
URS-05		1650		Water			X	X	X	1	
URS-06		1710		Water			X			3	
URS-13		1720		Water			X	X	X	1	
EB-050218	5-2-18	1695	G	Water				X		1	
FB-050218	5-2-18	1650	G	Water				X		1	
TRIP BLANK				Water	N	N	X			3	
				Water							

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		5/2/18 1017			5/2/18 1947	TAB
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 5.0, 5.2 #1

Ver: 08/04/2016

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Johnson, Orlette S	Carrier Tracking No(s):	COC No: 480-41945.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: orlette.johnson@testamericainc.com	State of Origin: New York	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-135305-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 5/14/2018			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: Stuart-Oliver-Holtz #828079	Project #: 48005134			
Site:	SSOW#:			

Analysis Requested

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 - Na2S2O3
G - Amchlor	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:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA/3535_PFC PFAS, Standard List (21 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
URS-03 (480-135305-1)	5/2/18	13:36 Eastern		Water			X	1	
SW-32 (480-135305-7)	5/2/18	14:20 Eastern		Water			X	1	
SW-33 (480-135305-8)	5/2/18	14:30 Eastern		Water			X	1	
URS-08 (480-135305-12)	5/2/18	13:15 Eastern		Water			X	1	
URS-09 (480-135305-13)	5/2/18	15:20 Eastern		Water			X	1	
URS-15 (480-135305-14)	5/2/18	15:40 Eastern		Water			X	1	
URS-02 (480-135305-19)	5/2/18	16:15 Eastern		Water			X	1	
URS-05 (480-135305-24)	5/2/18	16:50 Eastern		Water			X	1	
URS-13 (480-135305-26)	5/2/18	17:20 Eastern		Water			X	1	

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

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 5/3/18 1530	Company	Received by:	Date/Time: 5/4/18 950	Company TA Sac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.1c

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Johnson, Orlette S	Carrier Tracking No(s):	COC No: 480-41945.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: orlette.johnson@testamericainc.com	State of Origin: New York	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-135305-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 5/14/2018			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: Stuart-Oliver-Holtz #828079	Project #: 48005134			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA/3535_PFC PFAS, Standard List (21 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
EB-050218 (480-135305-27)	5/2/18	16:45 Eastern		Water			X	1	
FB-050218 (480-135305-28)	5/2/18	16:50 Eastern		Water			X	1	

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

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/3/18 1530	TAL-BUF		5/4/18 930	TAL-SAC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.1c

Ver: 09/20/2016

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Johnson, Orlette S	Carrier Tracking No(s):	COC No: 480-41950.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: orlette.johnson@testamericainc.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-135305-1
Address: 777 New Durham Road, ,	Due Date Requested: 5/14/2018			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: Stuart-Oliver-Holtz #828079	Project #: 48005134			
Site:	SSOW#:			

Analysis Requested

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 - Na2S2O3
G - Amchlor	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:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM/5030C (MOD) 1,4-dioxane only	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
URS-03 (480-135305-1)	5/2/18	13:36 Eastern		Water			X	3	
SW-32 (480-135305-7)	5/2/18	14:20 Eastern		Water			X	3	
SW-33 (480-135305-8)	5/2/18	14:30 Eastern		Water			X	3	
SW-33 (480-135305-8MS)	5/2/18	14:30 Eastern	MS	Water			X	2	ms/msd shared volume
SW-33 (480-135305-8MSD)	5/2/18	14:30 Eastern	MSD	Water			X	2	ms/msd shared volume
URS-08 (480-135305-12)	5/2/18	13:15 Eastern		Water			X	3	
URS-02 (480-135305-19)	5/2/18	16:15 Eastern		Water			X	3	
URS-05 (480-135305-24)	5/2/18	16:50 Eastern		Water			X	3	

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

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by:	Date/Time: 5/3/18 1615	Company	Received by: via FedEx	Date/Time: 5/4/18 0950	Company TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.: 609934	Cooler Temperature(s) °C and Other Remarks: 4.7°C IR11

Ver: 09/20/2016

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

480-135305 Field Sheet

Job:_____

Tracking # 4276 0716 8409 SO / PO / FO

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Notes:_____

Therm. ID: AK-2 / AK-3 / AK-4 / AK-5 / HACCP / Other____

Ice X Wet X Gel _____ Other _____

Cooler Custody Seal: 009933

Sample Custody Seal: —

Cooler ID: —

Temp: Observed 2.1c

From: Temp Blank ☐ Sample ☒

NCM Filed: Yes ☐ No ☐

	Yes	No	NA
Perchlorate has headspace?	☐	☐	☒
CoC is complete w/o discrepancies?	☒	☐	☐
Samples received within holding time?	☒	☐	☐
Sample preservatives verified?	☐	☐	☒
Cooler compromised/tampered with?	☐	☒	☐
Samples compromised/tampered with?	☐	☒	☐
Samples w/o discrepancies?	☒	☐	☐
Sample containers have legible labels?	☒	☐	☐
Containers are not broken or leaking?	☒	☐	☐
Sample date/times are provided.	☒	☐	☐
Appropriate containers are used?	☒	☐	☐
Sample bottles are completely filled?	☒	☐	☐
Zero headspace?*	☐	☐	☒
Multiphasic samples are not present?	☒	☐	☐
Sample temp OK?	☒	☐	☐
Sample out of temp?	☐	☒	☐

Initials: DH Date: 5/4/18 Time 930

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

W9A

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-135305-1

Login Number: 135305
List Number: 1
Creator: Williams, Christopher S

List Source: TestAmerica Buffalo

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	
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	True	
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	urs
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-135305-1

Login Number: 135305
List Number: 2
Creator: Armbruster, Chris

List Source: TestAmerica Edison
List Creation: 05/04/18 12:22 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	009934
Sample custody seals, if present, are intact.	N/A	
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	4.7°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-135305-1

Login Number: 135305
List Number: 3
Creator: Armbruster, Chris

List Source: TestAmerica Edison
List Creation: 05/04/18 12:32 PM

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

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-135305-1

Login Number: 135305
List Number: 4
Creator: Gooch, Mayce

List Source: TestAmerica Sacramento
List Creation: 05/07/18 12:21 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	009933
Sample custody seals, if present, are intact.	N/A	
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	2.1c
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?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	