

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

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Tel: (716)691-2600

TestAmerica Job ID: 480-127280-1

Client Project/Site: Rickett's Dry Cleaners #546058

For:

New York State D.E.C.

232 Golf Course Rd

Warrensburg, New York 12885

Attn: Michael DiPietro



Authorized for release by:

11/26/2017 5:29:13 PM

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

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



Judy Stone
Senior Project Manager
11/26/2017 5:29:13 PM



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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

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.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
Cl	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.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

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

Case Narrative

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Job ID: 480-127280-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-127280-1

Receipt

The samples were received on 11/9/2017 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.7° C and 0.7° C.

Receipt Exceptions

The following samples were canceled by the client on 11/9/17: PES-6 (480-127281-6[MS]) and PES-6 (480-127281-6[MSD]). They requested that jobs 480-127280 and 480-127281 be merged and that only MW-13 (480-127280-2) be used for matrix QC.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): MW-12 (480-127280-1). The laboratory received one of two bottles empty.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-13 (480-127280-2), PES-2 (480-127281-2), PES-3 (480-127281-3), PES-5 (480-127281-5) and DUP (480-127281-7). 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): The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-195067 and analytical batch 320-195531 were outside control limits for Perfluorooctanoic acid (PFOA). Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 537 (modified): Due to the high concentration of Perfluorooctanesulfonic acid (PFOS), the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 320-195067 and analytical batch 320-195531 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 537 (modified): 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 for Perfluorobutanoic acid (PFBA) in the following sample: PES-4 (480-127281-4).

Method(s) 537 (modified): Isotope Dilution Analyte (IDA) recovery for 8:2FTS is above the method recommended limit for the following samples: MW-12 (480-127280-1), MW-13 (480-127280-2), PES-1 (480-127281-1) and PES-5 (480-127281-5). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method(s) 537 (modified): 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 for Perfluoropentanoic acid (PFPeA) in the following samples: PES-3 (480-127281-3), PES-4 (480-127281-4) and PES-5 (480-127281-5).

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

Organic Prep

Method(s) 3535: The following samples were decanted prior to preparation due to sediment being present: MW-12 (480-127280-1), MW-13 (480-127280-2), MW-13 (480-127280-2[MS]), MW-13 (480-127280-2[MSD]), PES-1 (480-127281-1), PES-2 (480-127281-2), PES-3 (480-127281-3), PES-4 (480-127281-4), PES-5 (480-127281-5) and PES-6 (480-127281-6). Prep batch 320-195067, Method code 3535_PFC, waters

Method(s) 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 320-195219 for 3535-PFC Aqueous.

Method(s) 3535: The following sample was decanted prior to preparation due to sediment in the bottle which could clog the solid phase extraction column: DUP (480-127281-7) .

Case Narrative

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Job ID: 480-127280-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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 Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: MW-12

Date Collected: 11/07/17 09:50

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127280-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			11/10/17 13:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		71 - 144					11/10/17 13:14	1
4-Bromofluorobenzene	90		72 - 133					11/10/17 13:14	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	0.28	ug/L			11/11/17 22:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/11/17 22:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.34	ug/L			11/11/17 22:50	1
1,1,2-Trichloroethane	ND		1.0	0.080	ug/L			11/11/17 22:50	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/11/17 22:50	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/11/17 22:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.27	ug/L			11/11/17 22:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.23	ug/L			11/11/17 22:50	1
1,2-Dichlorobenzene	ND		1.0	0.22	ug/L			11/11/17 22:50	1
1,2-Dichloroethane	ND		1.0	0.25	ug/L			11/11/17 22:50	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			11/11/17 22:50	1
1,3-Dichlorobenzene	ND		1.0	0.33	ug/L			11/11/17 22:50	1
1,4-Dichlorobenzene	ND		1.0	0.33	ug/L			11/11/17 22:50	1
2-Butanone (MEK)	ND		5.0	2.2	ug/L			11/11/17 22:50	1
2-Hexanone	ND		5.0	0.72	ug/L			11/11/17 22:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.63	ug/L			11/11/17 22:50	1
Acetone	ND		5.0	1.1	ug/L			11/11/17 22:50	1
Benzene	ND		1.0	0.090	ug/L			11/11/17 22:50	1
Bromoform	ND		1.0	0.18	ug/L			11/11/17 22:50	1
Bromomethane	ND		1.0	0.18	ug/L			11/11/17 22:50	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/11/17 22:50	1
Carbon tetrachloride	ND		1.0	0.33	ug/L			11/11/17 22:50	1
Chlorobenzene	ND		1.0	0.24	ug/L			11/11/17 22:50	1
Dibromochloromethane	ND		1.0	0.22	ug/L			11/11/17 22:50	1
Chloroethane	ND		1.0	0.37	ug/L			11/11/17 22:50	1
Chloroform	ND		1.0	0.22	ug/L			11/11/17 22:50	1
Chloromethane	ND		1.0	0.22	ug/L			11/11/17 22:50	1
cis-1,2-Dichloroethene	18		1.0	0.26	ug/L			11/11/17 22:50	1
Cyclohexane	ND		1.0	0.26	ug/L			11/11/17 22:50	1
Bromodichloromethane	ND		1.0	0.15	ug/L			11/11/17 22:50	1
Dichlorodifluoromethane	ND		1.0	0.14	ug/L			11/11/17 22:50	1
Ethylbenzene	ND		1.0	0.30	ug/L			11/11/17 22:50	1
1,2-Dibromoethane	ND		1.0	0.19	ug/L			11/11/17 22:50	1
Isopropylbenzene	ND		1.0	0.32	ug/L			11/11/17 22:50	1
Methyl acetate	ND		5.0	0.58	ug/L			11/11/17 22:50	1
Methyl tert-butyl ether	ND		1.0	0.13	ug/L			11/11/17 22:50	1
Methylcyclohexane	ND		1.0	0.22	ug/L			11/11/17 22:50	1
Methylene Chloride	ND		1.0	0.21	ug/L			11/11/17 22:50	1
Tetrachloroethene	16		1.0	0.12	ug/L			11/11/17 22:50	1
Toluene	ND		1.0	0.25	ug/L			11/11/17 22:50	1
trans-1,2-Dichloroethene	0.53 J		1.0	0.18	ug/L			11/11/17 22:50	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			11/11/17 22:50	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: MW-12

Lab Sample ID: 480-127280-1

Date Collected: 11/07/17 09:50

Matrix: Water

Date Received: 11/09/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	3.1		1.0	0.22	ug/L			11/11/17 22:50	1
Trichlorofluoromethane	ND		1.0	0.15	ug/L			11/11/17 22:50	1
Vinyl chloride	22		1.0	0.060	ug/L			11/11/17 22:50	1
Xylenes, Total	ND		2.0	0.28	ug/L			11/11/17 22:50	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			11/11/17 22:50	1
Styrene	ND		1.0	0.17	ug/L			11/11/17 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		74 - 132		11/11/17 22:50	1
Toluene-d8 (Surr)	100		80 - 120		11/11/17 22:50	1
Dibromofluoromethane (Surr)	103		72 - 131		11/11/17 22:50	1
4-Bromofluorobenzene	101		77 - 124		11/11/17 22:50	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	15		2.0	0.34	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluoropentanoic acid (PFPeA)	14		2.0	0.48	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorohexanoic acid (PFHxA)	9.4		2.0	0.57	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluoroheptanoic acid (PFHpA)	8.7		2.0	0.24	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorooctanoic acid (PFOA)	36		2.0	0.83	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorononanoic acid (PFNA)	1.6	J B	2.0	0.26	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorodecanoic acid (PFDA)	0.49	J	2.0	0.30	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.54	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.28	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorobutanesulfonic acid (PFBS)	6.1		2.0	0.20	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorohexanesulfonic acid (PFHxS)	5.1	B	2.0	0.17	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.1	J	2.0	0.19	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorooctanesulfonic acid (PFOS)	40		2.0	0.53	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.31	ng/L		11/16/17 10:19	11/18/17 00:33	1
Perfluorooctane Sulfonamide (FOSA)	0.44	J	2.0	0.34	ng/L		11/16/17 10:19	11/18/17 00:33	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.0	ng/L		11/16/17 10:19	11/18/17 00:33	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		11/16/17 10:19	11/18/17 00:33	1
6:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 00:33	1
8:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 00:33	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	59		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C5 PFPeA	84		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C2 PFHxA	83		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C4-PFHpA	89		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C4 PFOA	84		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C5 PFNA	98		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C2 PFDA	106		25 - 150	11/16/17 10:19	11/18/17 00:33	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: MW-12

Date Collected: 11/07/17 09:50

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127280-1

Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFUnA	102		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C2 PFDoA	93		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C2-PFTeDA	90		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C3-PFBS	94		25 - 150	11/16/17 10:19	11/18/17 00:33	1
18O2 PFHxS	95		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C4 PFOS	95		25 - 150	11/16/17 10:19	11/18/17 00:33	1
13C8 FOSA	94		25 - 150	11/16/17 10:19	11/18/17 00:33	1
d3-NMeFOSAA	73		25 - 150	11/16/17 10:19	11/18/17 00:33	1
d5-NEtFOSAA	125		25 - 150	11/16/17 10:19	11/18/17 00:33	1
M2-6:2FTS	82		25 - 150	11/16/17 10:19	11/18/17 00:33	1
M2-8:2FTS	160 *		25 - 150	11/16/17 10:19	11/18/17 00:33	1

Client Sample ID: MW-13

Date Collected: 11/07/17 10:50

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127280-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.3		0.40	0.20	ug/L	-		11/10/17 13:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		71 - 144					11/10/17 13:38	1
4-Bromofluorobenzene	86		72 - 133					11/10/17 13:38	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		10	2.8	ug/L			11/12/17 16:30	10
1,1,2,2-Tetrachloroethane	ND		10	1.9	ug/L			11/12/17 16:30	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.4	ug/L			11/12/17 16:30	10
1,1,2-Trichloroethane	ND		10	0.80	ug/L			11/12/17 16:30	10
1,1-Dichloroethane	ND		10	2.4	ug/L			11/12/17 16:30	10
1,1-Dichloroethene	7.4 J		10	3.4	ug/L			11/12/17 16:30	10
1,2,4-Trichlorobenzene	ND		10	2.7	ug/L			11/12/17 16:30	10
1,2-Dibromo-3-Chloropropane	ND		10	2.3	ug/L			11/12/17 16:30	10
1,2-Dichlorobenzene	ND		10	2.2	ug/L			11/12/17 16:30	10
1,2-Dichloroethane	ND		10	2.5	ug/L			11/12/17 16:30	10
1,2-Dichloropropane	ND		10	1.8	ug/L			11/12/17 16:30	10
1,3-Dichlorobenzene	ND		10	3.3	ug/L			11/12/17 16:30	10
1,4-Dichlorobenzene	ND		10	3.3	ug/L			11/12/17 16:30	10
2-Butanone (MEK)	150		50	22	ug/L			11/12/17 16:30	10
2-Hexanone	ND		50	7.2	ug/L			11/12/17 16:30	10
4-Methyl-2-pentanone (MIBK)	ND		50	6.3	ug/L			11/12/17 16:30	10
Acetone	ND		50	11	ug/L			11/12/17 16:30	10
Benzene	ND		10	0.90	ug/L			11/12/17 16:30	10
Bromoform	ND		10	1.8	ug/L			11/12/17 16:30	10
Bromomethane	ND		10	1.8	ug/L			11/12/17 16:30	10
Carbon disulfide	ND		10	2.2	ug/L			11/12/17 16:30	10
Carbon tetrachloride	ND		10	3.3	ug/L			11/12/17 16:30	10
Chlorobenzene	ND		10	2.4	ug/L			11/12/17 16:30	10
Dibromochloromethane	ND		10	2.2	ug/L			11/12/17 16:30	10

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: MW-13

Lab Sample ID: 480-127280-2

Date Collected: 11/07/17 10:50

Matrix: Water

Date Received: 11/09/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		10	3.7	ug/L			11/12/17 16:30	10
Chloroform	ND		10	2.2	ug/L			11/12/17 16:30	10
Chloromethane	ND		10	2.2	ug/L			11/12/17 16:30	10
cis-1,2-Dichloroethene	2000		10	2.6	ug/L			11/12/17 16:30	10
Cyclohexane	ND		10	2.6	ug/L			11/12/17 16:30	10
Bromodichloromethane	ND		10	1.5	ug/L			11/12/17 16:30	10
Dichlorodifluoromethane	ND		10	1.4	ug/L			11/12/17 16:30	10
Ethylbenzene	ND		10	3.0	ug/L			11/12/17 16:30	10
1,2-Dibromoethane	ND		10	1.9	ug/L			11/12/17 16:30	10
Isopropylbenzene	ND		10	3.2	ug/L			11/12/17 16:30	10
Methyl acetate	ND		50	5.8	ug/L			11/12/17 16:30	10
Methyl tert-butyl ether	ND		10	1.3	ug/L			11/12/17 16:30	10
Methylcyclohexane	ND		10	2.2	ug/L			11/12/17 16:30	10
Methylene Chloride	ND		10	2.1	ug/L			11/12/17 16:30	10
Tetrachloroethene	130		10	1.2	ug/L			11/12/17 16:30	10
Toluene	ND		10	2.5	ug/L			11/12/17 16:30	10
trans-1,2-Dichloroethene	19		10	1.8	ug/L			11/12/17 16:30	10
trans-1,3-Dichloropropene	ND		10	1.9	ug/L			11/12/17 16:30	10
Trichloroethene	180		10	2.2	ug/L			11/12/17 16:30	10
Trichlorofluoromethane	ND		10	1.5	ug/L			11/12/17 16:30	10
Vinyl chloride	330		10	0.60	ug/L			11/12/17 16:30	10
Xylenes, Total	ND		20	2.8	ug/L			11/12/17 16:30	10
cis-1,3-Dichloropropene	ND		10	1.6	ug/L			11/12/17 16:30	10
Styrene	ND		10	1.7	ug/L			11/12/17 16:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		74 - 132		11/12/17 16:30	10
Toluene-d8 (Surr)	101		80 - 120		11/12/17 16:30	10
Dibromofluoromethane (Surr)	101		72 - 131		11/12/17 16:30	10
4-Bromofluorobenzene	100		77 - 124		11/12/17 16:30	10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	6.3		1.9	0.33	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluoropentanoic acid (PFPeA)	5.5		1.9	0.46	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorohexanoic acid (PFHxA)	5.9		1.9	0.55	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluoroheptanoic acid (PFHpA)	5.6		1.9	0.24	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorooctanoic acid (PFOA)	21		1.9	0.81	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorononanoic acid (PFNA)	2.1 B		1.9	0.26	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorodecanoic acid (PFDA)	0.38 J		1.9	0.29	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.0	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.52	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	1.2	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.27	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorobutanesulfonic acid (PFBS)	10		1.9	0.19	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorohexanesulfonic acid (PFHxS)	4.6 B		1.9	0.16	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.72 J		1.9	0.18	ng/L		11/16/17 10:19	11/18/17 00:41	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: MW-13

Date Collected: 11/07/17 10:50

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127280-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	37		1.9	0.51	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.30	ng/L		11/16/17 10:19	11/18/17 00:41	1
Perfluorooctane Sulfonamide (FOSA)	0.45	J	1.9	0.33	ng/L		11/16/17 10:19	11/18/17 00:41	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		19	2.9	ng/L		11/16/17 10:19	11/18/17 00:41	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		19	1.8	ng/L		11/16/17 10:19	11/18/17 00:41	1
6:2FTS	ND		19	1.9	ng/L		11/16/17 10:19	11/18/17 00:41	1
8:2FTS	ND		19	1.9	ng/L		11/16/17 10:19	11/18/17 00:41	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	64		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C5 PFPeA	86		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C2 PFHxA	90		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C4-PFHpA	95		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C4 PFOA	87		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C5 PFNA	103		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C2 PFDA	106		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C2 PFUnA	101		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C2 PFDoA	93		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C2-PFTeDA	91		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C3-PFBS	105		25 - 150				11/16/17 10:19	11/18/17 00:41	1
18O2 PFHxS	105		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C4 PFOS	101		25 - 150				11/16/17 10:19	11/18/17 00:41	1
13C8 FOSA	100		25 - 150				11/16/17 10:19	11/18/17 00:41	1
d3-NMeFOSAA	113		25 - 150				11/16/17 10:19	11/18/17 00:41	1
d5-NEtFOSAA	116		25 - 150				11/16/17 10:19	11/18/17 00:41	1
M2-6:2FTS	82		25 - 150				11/16/17 10:19	11/18/17 00:41	1
M2-8:2FTS	152	*	25 - 150				11/16/17 10:19	11/18/17 00:41	1

Client Sample ID: PES-1

Date Collected: 11/08/17 11:10

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.79		0.40	0.20	ug/L			11/10/17 05:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		71 - 144					11/10/17 05:32	1
4-Bromofluorobenzene	92		72 - 133					11/10/17 05:32	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	0.28	ug/L			11/11/17 23:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/11/17 23:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.34	ug/L			11/11/17 23:13	1
1,1,2-Trichloroethane	ND		1.0	0.080	ug/L			11/11/17 23:13	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/11/17 23:13	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/11/17 23:13	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-1

Lab Sample ID: 480-127281-1

Date Collected: 11/08/17 11:10

Matrix: Water

Date Received: 11/09/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.27	ug/L			11/11/17 23:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.23	ug/L			11/11/17 23:13	1
1,2-Dichlorobenzene	ND		1.0	0.22	ug/L			11/11/17 23:13	1
1,2-Dichloroethane	ND		1.0	0.25	ug/L			11/11/17 23:13	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			11/11/17 23:13	1
1,3-Dichlorobenzene	ND		1.0	0.33	ug/L			11/11/17 23:13	1
1,4-Dichlorobenzene	ND		1.0	0.33	ug/L			11/11/17 23:13	1
2-Butanone (MEK)	ND		5.0	2.2	ug/L			11/11/17 23:13	1
2-Hexanone	ND		5.0	0.72	ug/L			11/11/17 23:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.63	ug/L			11/11/17 23:13	1
Acetone	ND		5.0	1.1	ug/L			11/11/17 23:13	1
Benzene	ND		1.0	0.090	ug/L			11/11/17 23:13	1
Bromoform	ND		1.0	0.18	ug/L			11/11/17 23:13	1
Bromomethane	ND		1.0	0.18	ug/L			11/11/17 23:13	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/11/17 23:13	1
Carbon tetrachloride	ND		1.0	0.33	ug/L			11/11/17 23:13	1
Chlorobenzene	ND		1.0	0.24	ug/L			11/11/17 23:13	1
Dibromochloromethane	ND		1.0	0.22	ug/L			11/11/17 23:13	1
Chloroethane	ND		1.0	0.37	ug/L			11/11/17 23:13	1
Chloroform	ND		1.0	0.22	ug/L			11/11/17 23:13	1
Chloromethane	ND		1.0	0.22	ug/L			11/11/17 23:13	1
cis-1,2-Dichloroethene	1.8		1.0	0.26	ug/L			11/11/17 23:13	1
Cyclohexane	ND		1.0	0.26	ug/L			11/11/17 23:13	1
Bromodichloromethane	ND		1.0	0.15	ug/L			11/11/17 23:13	1
Dichlorodifluoromethane	ND		1.0	0.14	ug/L			11/11/17 23:13	1
Ethylbenzene	ND		1.0	0.30	ug/L			11/11/17 23:13	1
1,2-Dibromoethane	ND		1.0	0.19	ug/L			11/11/17 23:13	1
Isopropylbenzene	ND		1.0	0.32	ug/L			11/11/17 23:13	1
Methyl acetate	ND		5.0	0.58	ug/L			11/11/17 23:13	1
Methyl tert-butyl ether	ND		1.0	0.13	ug/L			11/11/17 23:13	1
Methylcyclohexane	ND		1.0	0.22	ug/L			11/11/17 23:13	1
Methylene Chloride	ND		1.0	0.21	ug/L			11/11/17 23:13	1
Tetrachloroethene	1.3		1.0	0.12	ug/L			11/11/17 23:13	1
Toluene	ND		1.0	0.25	ug/L			11/11/17 23:13	1
trans-1,2-Dichloroethene	ND		1.0	0.18	ug/L			11/11/17 23:13	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			11/11/17 23:13	1
Trichloroethene	0.93 J		1.0	0.22	ug/L			11/11/17 23:13	1
Trichlorofluoromethane	ND		1.0	0.15	ug/L			11/11/17 23:13	1
Vinyl chloride	23		1.0	0.060	ug/L			11/11/17 23:13	1
Xylenes, Total	0.73 J		2.0	0.28	ug/L			11/11/17 23:13	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			11/11/17 23:13	1
Styrene	ND		1.0	0.17	ug/L			11/11/17 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		74 - 132		11/11/17 23:13	1
Toluene-d8 (Surr)	99		80 - 120		11/11/17 23:13	1
Dibromofluoromethane (Surr)	102		72 - 131		11/11/17 23:13	1
4-Bromofluorobenzene	101		77 - 124		11/11/17 23:13	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-1

Lab Sample ID: 480-127281-1

Date Collected: 11/08/17 11:10

Matrix: Water

Date Received: 11/09/17 01:00

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	14		2.0	0.34	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluoropentanoic acid (PFPeA)	8.8		2.0	0.48	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorohexanoic acid (PFHxA)	10		2.0	0.57	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluoroheptanoic acid (PFHpA)	10		2.0	0.25	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorooctanoic acid (PFOA)	48		2.0	0.84	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorononanoic acid (PFNA)	5.2	B	2.0	0.27	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorodecanoic acid (PFDA)	1.0	J	2.0	0.31	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.54	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.29	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorobutanesulfonic acid (PFBS)	16		2.0	0.20	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorohexanesulfonic acid (PFHxS)	10	B	2.0	0.17	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluoroheptanesulfonic Acid (PFHpS)	2.2		2.0	0.19	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorooctanesulfonic acid (PFOS)	140		2.0	0.53	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		11/16/17 10:19	11/18/17 01:04	1
Perfluorooctane Sulfonamide (FOSA)	0.44	J	2.0	0.34	ng/L		11/16/17 10:19	11/18/17 01:04	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.1	ng/L		11/16/17 10:19	11/18/17 01:04	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		11/16/17 10:19	11/18/17 01:04	1
6:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 01:04	1
8:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 01:04	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	59		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C5 PFPeA	84		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C2 PFHxA	87		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C4-PFHpA	91		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C4 PFOA	88		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C5 PFNA	107		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C2 PFDA	109		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C2 PFUnA	107		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C2 PFDoA	103		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C2-PFTeDA	95		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C3-PFBS	99		25 - 150	11/16/17 10:19	11/18/17 01:04	1
18O2 PFHxS	102		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C4 PFOS	108		25 - 150	11/16/17 10:19	11/18/17 01:04	1
13C8 FOSA	103		25 - 150	11/16/17 10:19	11/18/17 01:04	1
d3-NMeFOSAA	97		25 - 150	11/16/17 10:19	11/18/17 01:04	1
d5-NEtFOSAA	133		25 - 150	11/16/17 10:19	11/18/17 01:04	1
M2-6:2FTS	99		25 - 150	11/16/17 10:19	11/18/17 01:04	1
M2-8:2FTS	202	*	25 - 150	11/16/17 10:19	11/18/17 01:04	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-2

Lab Sample ID: 480-127281-2

Date Collected: 11/08/17 10:20

Matrix: Water

Date Received: 11/09/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0		0.40	0.20	ug/L			11/10/17 05:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		71 - 144					11/10/17 05:56	1
4-Bromofluorobenzene	93		72 - 133					11/10/17 05:56	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		5.0	1.4	ug/L			11/12/17 15:20	5
1,1,2,2-Tetrachloroethane	ND		5.0	0.95	ug/L			11/12/17 15:20	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.7	ug/L			11/12/17 15:20	5
1,1,2-Trichloroethane	ND		5.0	0.40	ug/L			11/12/17 15:20	5
1,1-Dichloroethane	ND		5.0	1.2	ug/L			11/12/17 15:20	5
1,1-Dichloroethene	4.1	J	5.0	1.7	ug/L			11/12/17 15:20	5
1,2,4-Trichlorobenzene	ND		5.0	1.4	ug/L			11/12/17 15:20	5
1,2-Dibromo-3-Chloropropane	ND		5.0	1.2	ug/L			11/12/17 15:20	5
1,2-Dichlorobenzene	ND		5.0	1.1	ug/L			11/12/17 15:20	5
1,2-Dichloroethane	ND		5.0	1.3	ug/L			11/12/17 15:20	5
1,2-Dichloropropane	ND		5.0	0.90	ug/L			11/12/17 15:20	5
1,3-Dichlorobenzene	ND		5.0	1.7	ug/L			11/12/17 15:20	5
1,4-Dichlorobenzene	ND		5.0	1.7	ug/L			11/12/17 15:20	5
2-Butanone (MEK)	ND		25	11	ug/L			11/12/17 15:20	5
2-Hexanone	ND		25	3.6	ug/L			11/12/17 15:20	5
4-Methyl-2-pentanone (MIBK)	ND		25	3.2	ug/L			11/12/17 15:20	5
Acetone	ND		25	5.4	ug/L			11/12/17 15:20	5
Benzene	ND		5.0	0.45	ug/L			11/12/17 15:20	5
Bromoform	ND		5.0	0.90	ug/L			11/12/17 15:20	5
Bromomethane	ND		5.0	0.90	ug/L			11/12/17 15:20	5
Carbon disulfide	ND		5.0	1.1	ug/L			11/12/17 15:20	5
Carbon tetrachloride	ND		5.0	1.7	ug/L			11/12/17 15:20	5
Chlorobenzene	ND		5.0	1.2	ug/L			11/12/17 15:20	5
Dibromochloromethane	ND		5.0	1.1	ug/L			11/12/17 15:20	5
Chloroethane	ND		5.0	1.9	ug/L			11/12/17 15:20	5
Chloroform	ND		5.0	1.1	ug/L			11/12/17 15:20	5
Chloromethane	ND		5.0	1.1	ug/L			11/12/17 15:20	5
cis-1,2-Dichloroethene	1100		5.0	1.3	ug/L			11/12/17 15:20	5
Cyclohexane	ND		5.0	1.3	ug/L			11/12/17 15:20	5
Bromodichloromethane	ND		5.0	0.75	ug/L			11/12/17 15:20	5
Dichlorodifluoromethane	ND		5.0	0.70	ug/L			11/12/17 15:20	5
Ethylbenzene	ND		5.0	1.5	ug/L			11/12/17 15:20	5
1,2-Dibromoethane	ND		5.0	0.95	ug/L			11/12/17 15:20	5
Isopropylbenzene	ND		5.0	1.6	ug/L			11/12/17 15:20	5
Methyl acetate	ND		25	2.9	ug/L			11/12/17 15:20	5
Methyl tert-butyl ether	ND		5.0	0.65	ug/L			11/12/17 15:20	5
Methylcyclohexane	ND		5.0	1.1	ug/L			11/12/17 15:20	5
Methylene Chloride	ND		5.0	1.1	ug/L			11/12/17 15:20	5
Tetrachloroethene	5.8		5.0	0.60	ug/L			11/12/17 15:20	5
Toluene	ND		5.0	1.3	ug/L			11/12/17 15:20	5
trans-1,2-Dichloroethene	9.2		5.0	0.90	ug/L			11/12/17 15:20	5
trans-1,3-Dichloropropene	ND		5.0	0.95	ug/L			11/12/17 15:20	5

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-2

Lab Sample ID: 480-127281-2

Date Collected: 11/08/17 10:20

Matrix: Water

Date Received: 11/09/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	35		5.0	1.1	ug/L			11/12/17 15:20	5
Trichlorofluoromethane	ND		5.0	0.75	ug/L			11/12/17 15:20	5
Vinyl chloride	620		5.0	0.30	ug/L			11/12/17 15:20	5
Xylenes, Total	ND		10	1.4	ug/L			11/12/17 15:20	5
cis-1,3-Dichloropropene	ND		5.0	0.80	ug/L			11/12/17 15:20	5
Styrene	ND		5.0	0.85	ug/L			11/12/17 15:20	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132		11/12/17 15:20	5
Toluene-d8 (Surr)	99		80 - 120		11/12/17 15:20	5
Dibromofluoromethane (Surr)	103		72 - 131		11/12/17 15:20	5
4-Bromofluorobenzene	99		77 - 124		11/12/17 15:20	5

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	8.6		2.0	0.34	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluoropentanoic acid (PFPeA)	13		2.0	0.48	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorohexanoic acid (PFHxA)	17		2.0	0.57	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluoroheptanoic acid (PFHpA)	23		2.0	0.24	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorooctanoic acid (PFOA)	65		2.0	0.83	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorononanoic acid (PFNA)	4.0	B	2.0	0.26	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorodecanoic acid (PFDA)	1.2	J	2.0	0.30	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.54	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.28	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorobutanesulfonic acid (PFBS)	7.0		2.0	0.20	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorohexanesulfonic acid (PFHxS)	11	B	2.0	0.17	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.8	J	2.0	0.19	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorooctanesulfonic acid (PFOS)	93		2.0	0.53	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.31	ng/L		11/16/17 10:19	11/18/17 01:12	1
Perfluorooctane Sulfonamide (FOSA)	0.62	J	2.0	0.34	ng/L		11/16/17 10:19	11/18/17 01:12	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.0	ng/L		11/16/17 10:19	11/18/17 01:12	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		11/16/17 10:19	11/18/17 01:12	1
6:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 01:12	1
8:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 01:12	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	63		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C5 PFPeA	83		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C2 PFHxA	86		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C4-PFHpA	91		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C4 PFOA	85		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C5 PFNA	99		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C2 PFDA	103		25 - 150	11/16/17 10:19	11/18/17 01:12	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-2

Date Collected: 11/08/17 10:20

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-2

Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFUnA	101		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C2 PFDoA	92		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C2-PFTeDA	88		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C3-PFBS	93		25 - 150	11/16/17 10:19	11/18/17 01:12	1
18O2 PFHxS	96		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C4 PFOS	95		25 - 150	11/16/17 10:19	11/18/17 01:12	1
13C8 FOSA	98		25 - 150	11/16/17 10:19	11/18/17 01:12	1
d3-NMeFOSAA	115		25 - 150	11/16/17 10:19	11/18/17 01:12	1
d5-NEtFOSAA	118		25 - 150	11/16/17 10:19	11/18/17 01:12	1
M2-6:2FTS	76		25 - 150	11/16/17 10:19	11/18/17 01:12	1
M2-8:2FTS	144		25 - 150	11/16/17 10:19	11/18/17 01:12	1

Client Sample ID: PES-3

Date Collected: 11/08/17 09:40

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.6		0.40	0.20	ug/L	-		11/10/17 06:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		71 - 144					11/10/17 06:20	1
4-Bromofluorobenzene	94		72 - 133					11/10/17 06:20	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		10	2.8	ug/L			11/12/17 15:43	10
1,1,2,2-Tetrachloroethane	ND		10	1.9	ug/L			11/12/17 15:43	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.4	ug/L			11/12/17 15:43	10
1,1,2-Trichloroethane	ND		10	0.80	ug/L			11/12/17 15:43	10
1,1-Dichloroethane	ND		10	2.4	ug/L			11/12/17 15:43	10
1,1-Dichloroethene	9.7	J	10	3.4	ug/L			11/12/17 15:43	10
1,2,4-Trichlorobenzene	ND		10	2.7	ug/L			11/12/17 15:43	10
1,2-Dibromo-3-Chloropropane	ND		10	2.3	ug/L			11/12/17 15:43	10
1,2-Dichlorobenzene	ND		10	2.2	ug/L			11/12/17 15:43	10
1,2-Dichloroethane	ND		10	2.5	ug/L			11/12/17 15:43	10
1,2-Dichloropropane	ND		10	1.8	ug/L			11/12/17 15:43	10
1,3-Dichlorobenzene	ND		10	3.3	ug/L			11/12/17 15:43	10
1,4-Dichlorobenzene	ND		10	3.3	ug/L			11/12/17 15:43	10
2-Butanone (MEK)	180		50	22	ug/L			11/12/17 15:43	10
2-Hexanone	ND		50	7.2	ug/L			11/12/17 15:43	10
4-Methyl-2-pentanone (MIBK)	ND		50	6.3	ug/L			11/12/17 15:43	10
Acetone	ND		50	11	ug/L			11/12/17 15:43	10
Benzene	ND		10	0.90	ug/L			11/12/17 15:43	10
Bromoform	ND		10	1.8	ug/L			11/12/17 15:43	10
Bromomethane	ND		10	1.8	ug/L			11/12/17 15:43	10
Carbon disulfide	ND		10	2.2	ug/L			11/12/17 15:43	10
Carbon tetrachloride	ND		10	3.3	ug/L			11/12/17 15:43	10
Chlorobenzene	ND		10	2.4	ug/L			11/12/17 15:43	10
Dibromochloromethane	ND		10	2.2	ug/L			11/12/17 15:43	10

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-3

Lab Sample ID: 480-127281-3

Date Collected: 11/08/17 09:40

Matrix: Water

Date Received: 11/09/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		10	3.7	ug/L			11/12/17 15:43	10
Chloroform	ND		10	2.2	ug/L			11/12/17 15:43	10
Chloromethane	ND		10	2.2	ug/L			11/12/17 15:43	10
cis-1,2-Dichloroethene	1800		10	2.6	ug/L			11/12/17 15:43	10
Cyclohexane	ND		10	2.6	ug/L			11/12/17 15:43	10
Bromodichloromethane	ND		10	1.5	ug/L			11/12/17 15:43	10
Dichlorodifluoromethane	ND		10	1.4	ug/L			11/12/17 15:43	10
Ethylbenzene	ND		10	3.0	ug/L			11/12/17 15:43	10
1,2-Dibromoethane	ND		10	1.9	ug/L			11/12/17 15:43	10
Isopropylbenzene	ND		10	3.2	ug/L			11/12/17 15:43	10
Methyl acetate	ND		50	5.8	ug/L			11/12/17 15:43	10
Methyl tert-butyl ether	ND		10	1.3	ug/L			11/12/17 15:43	10
Methylcyclohexane	ND		10	2.2	ug/L			11/12/17 15:43	10
Methylene Chloride	ND		10	2.1	ug/L			11/12/17 15:43	10
Tetrachloroethene	2800		10	1.2	ug/L			11/12/17 15:43	10
Toluene	ND		10	2.5	ug/L			11/12/17 15:43	10
trans-1,2-Dichloroethene	11		10	1.8	ug/L			11/12/17 15:43	10
trans-1,3-Dichloropropene	ND		10	1.9	ug/L			11/12/17 15:43	10
Trichloroethene	1700		10	2.2	ug/L			11/12/17 15:43	10
Trichlorofluoromethane	ND		10	1.5	ug/L			11/12/17 15:43	10
Vinyl chloride	270		10	0.60	ug/L			11/12/17 15:43	10
Xylenes, Total	ND		20	2.8	ug/L			11/12/17 15:43	10
cis-1,3-Dichloropropene	ND		10	1.6	ug/L			11/12/17 15:43	10
Styrene	ND		10	1.7	ug/L			11/12/17 15:43	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132		11/12/17 15:43	10
Toluene-d8 (Surr)	101		80 - 120		11/12/17 15:43	10
Dibromofluoromethane (Surr)	101		72 - 131		11/12/17 15:43	10
4-Bromofluorobenzene	99		77 - 124		11/12/17 15:43	10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.4		2.0	0.34	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluoropentanoic acid (PFPeA)	1.3	J	2.0	0.48	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorohexanoic acid (PFHxA)	1.8	J	2.0	0.57	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluoroheptanoic acid (PFHpA)	1.5	J	2.0	0.25	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorooctanoic acid (PFOA)	3.4		2.0	0.83	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorononanoic acid (PFNA)	0.27	J B	2.0	0.26	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.30	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.54	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.28	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorobutanesulfonic acid (PFBS)	1.4	J	2.0	0.20	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorohexanesulfonic acid (PFHxS)	0.58	J B	2.0	0.17	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		11/16/17 10:19	11/18/17 01:20	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-3

Date Collected: 11/08/17 09:40

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	3.6		2.0	0.53	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.31	ng/L		11/16/17 10:19	11/18/17 01:20	1
Perfluorooctane Sulfonamide (FOSA)	0.62	J	2.0	0.34	ng/L		11/16/17 10:19	11/18/17 01:20	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.0	ng/L		11/16/17 10:19	11/18/17 01:20	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		11/16/17 10:19	11/18/17 01:20	1
6:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 01:20	1
8:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 01:20	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C5 PFPeA	103		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C2 PFHxA	101		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C4-PFHpA	105		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C4 PFOA	89		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C5 PFNA	99		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C2 PFDA	99		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C2 PFUnA	100		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C2 PFDoA	92		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C2-PFTeDA	95		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C3-PFBS	107		25 - 150				11/16/17 10:19	11/18/17 01:20	1
18O2 PFHxS	108		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C4 PFOS	101		25 - 150				11/16/17 10:19	11/18/17 01:20	1
13C8 FOSA	102		25 - 150				11/16/17 10:19	11/18/17 01:20	1
d3-NMeFOSAA	105		25 - 150				11/16/17 10:19	11/18/17 01:20	1
d5-NEtFOSAA	105		25 - 150				11/16/17 10:19	11/18/17 01:20	1
M2-6:2FTS	55		25 - 150				11/16/17 10:19	11/18/17 01:20	1
M2-8:2FTS	114		25 - 150				11/16/17 10:19	11/18/17 01:20	1

Client Sample ID: PES-4

Date Collected: 11/08/17 09:00

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-4

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			11/10/17 06:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		71 - 144					11/10/17 06:44	1
4-Bromofluorobenzene	91		72 - 133					11/10/17 06:44	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	0.28	ug/L			11/11/17 23:36	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L			11/11/17 23:36	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.34	ug/L			11/11/17 23:36	1
1,1,1-Trichloroethane	ND		1.0	0.080	ug/L			11/11/17 23:36	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			11/11/17 23:36	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/11/17 23:36	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-4

Lab Sample ID: 480-127281-4

Date Collected: 11/08/17 09:00

Matrix: Water

Date Received: 11/09/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.27	ug/L			11/11/17 23:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.23	ug/L			11/11/17 23:36	1
1,2-Dichlorobenzene	ND		1.0	0.22	ug/L			11/11/17 23:36	1
1,2-Dichloroethane	ND		1.0	0.25	ug/L			11/11/17 23:36	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			11/11/17 23:36	1
1,3-Dichlorobenzene	ND		1.0	0.33	ug/L			11/11/17 23:36	1
1,4-Dichlorobenzene	ND		1.0	0.33	ug/L			11/11/17 23:36	1
2-Butanone (MEK)	ND		5.0	2.2	ug/L			11/11/17 23:36	1
2-Hexanone	ND		5.0	0.72	ug/L			11/11/17 23:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.63	ug/L			11/11/17 23:36	1
Acetone	ND		5.0	1.1	ug/L			11/11/17 23:36	1
Benzene	ND		1.0	0.090	ug/L			11/11/17 23:36	1
Bromoform	ND		1.0	0.18	ug/L			11/11/17 23:36	1
Bromomethane	ND		1.0	0.18	ug/L			11/11/17 23:36	1
Carbon disulfide	ND		1.0	0.22	ug/L			11/11/17 23:36	1
Carbon tetrachloride	ND		1.0	0.33	ug/L			11/11/17 23:36	1
Chlorobenzene	ND		1.0	0.24	ug/L			11/11/17 23:36	1
Dibromochloromethane	ND		1.0	0.22	ug/L			11/11/17 23:36	1
Chloroethane	ND		1.0	0.37	ug/L			11/11/17 23:36	1
Chloroform	ND		1.0	0.22	ug/L			11/11/17 23:36	1
Chloromethane	ND		1.0	0.22	ug/L			11/11/17 23:36	1
cis-1,2-Dichloroethene	ND		1.0	0.26	ug/L			11/11/17 23:36	1
Cyclohexane	ND		1.0	0.26	ug/L			11/11/17 23:36	1
Bromodichloromethane	ND		1.0	0.15	ug/L			11/11/17 23:36	1
Dichlorodifluoromethane	ND		1.0	0.14	ug/L			11/11/17 23:36	1
Ethylbenzene	ND		1.0	0.30	ug/L			11/11/17 23:36	1
1,2-Dibromoethane	ND		1.0	0.19	ug/L			11/11/17 23:36	1
Isopropylbenzene	ND		1.0	0.32	ug/L			11/11/17 23:36	1
Methyl acetate	ND		5.0	0.58	ug/L			11/11/17 23:36	1
Methyl tert-butyl ether	ND		1.0	0.13	ug/L			11/11/17 23:36	1
Methylcyclohexane	ND		1.0	0.22	ug/L			11/11/17 23:36	1
Methylene Chloride	ND		1.0	0.21	ug/L			11/11/17 23:36	1
Tetrachloroethene	ND		1.0	0.12	ug/L			11/11/17 23:36	1
Toluene	ND		1.0	0.25	ug/L			11/11/17 23:36	1
trans-1,2-Dichloroethene	ND		1.0	0.18	ug/L			11/11/17 23:36	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			11/11/17 23:36	1
Trichloroethene	ND		1.0	0.22	ug/L			11/11/17 23:36	1
Trichlorofluoromethane	ND		1.0	0.15	ug/L			11/11/17 23:36	1
Vinyl chloride	ND		1.0	0.060	ug/L			11/11/17 23:36	1
Xylenes, Total	ND		2.0	0.28	ug/L			11/11/17 23:36	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			11/11/17 23:36	1
Styrene	ND		1.0	0.17	ug/L			11/11/17 23:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		74 - 132					11/11/17 23:36	1
Toluene-d8 (Surr)	98		80 - 120					11/11/17 23:36	1
Dibromofluoromethane (Surr)	103		72 - 131					11/11/17 23:36	1
4-Bromofluorobenzene	98		77 - 124					11/11/17 23:36	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-4

Lab Sample ID: 480-127281-4

Date Collected: 11/08/17 09:00

Matrix: Water

Date Received: 11/09/17 01:00

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	7.0	CI	2.0	0.34	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluoropentanoic acid (PFPeA)	2.7		2.0	0.48	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorohexanoic acid (PFHxA)	2.3		2.0	0.57	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluoroheptanoic acid (PFHpA)	1.3	J	2.0	0.25	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorooctanoic acid (PFOA)	1.3	J	2.0	0.83	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.26	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.30	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.54	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.28	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorobutanesulfonic acid (PFBS)	1.2	J	2.0	0.20	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorohexanesulfonic acid (PFHxS)	0.57	J B	2.0	0.17	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.53	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.31	ng/L		11/16/17 10:19	11/18/17 01:36	1
Perfluorooctane Sulfonamide (FOSA)	0.50	J	2.0	0.34	ng/L		11/16/17 10:19	11/18/17 01:36	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.0	ng/L		11/16/17 10:19	11/18/17 01:36	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		11/16/17 10:19	11/18/17 01:36	1
6:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 01:36	1
8:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 01:36	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C5 PFPeA	100		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C2 PFHxA	97		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C4-PFHpA	98		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C4 PFOA	86		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C5 PFNA	99		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C2 PFDA	99		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C2 PFUnA	94		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C2 PFDoA	90		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C2-PFTeDA	94		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C3-PFBS	106		25 - 150	11/16/17 10:19	11/18/17 01:36	1
18O2 PFHxS	101		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C4 PFOS	99		25 - 150	11/16/17 10:19	11/18/17 01:36	1
13C8 FOSA	100		25 - 150	11/16/17 10:19	11/18/17 01:36	1
d3-NMeFOSAA	103		25 - 150	11/16/17 10:19	11/18/17 01:36	1
d5-NEtFOSAA	111		25 - 150	11/16/17 10:19	11/18/17 01:36	1
M2-6:2FTS	54		25 - 150	11/16/17 10:19	11/18/17 01:36	1
M2-8:2FTS	109		25 - 150	11/16/17 10:19	11/18/17 01:36	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-5

Lab Sample ID: 480-127281-5

Date Collected: 11/08/17 13:00

Matrix: Water

Date Received: 11/09/17 01:00

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			11/10/17 07:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		71 - 144					11/10/17 07:08	1
4-Bromofluorobenzene	99		72 - 133					11/10/17 07:08	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	0.56	ug/L			11/12/17 14:57	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.38	ug/L			11/12/17 14:57	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.68	ug/L			11/12/17 14:57	2
1,1,2-Trichloroethane	ND		2.0	0.16	ug/L			11/12/17 14:57	2
1,1-Dichloroethane	ND		2.0	0.48	ug/L			11/12/17 14:57	2
1,1-Dichloroethene	1.7	J	2.0	0.68	ug/L			11/12/17 14:57	2
1,2,4-Trichlorobenzene	ND		2.0	0.54	ug/L			11/12/17 14:57	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.46	ug/L			11/12/17 14:57	2
1,2-Dichlorobenzene	ND		2.0	0.44	ug/L			11/12/17 14:57	2
1,2-Dichloroethane	ND		2.0	0.50	ug/L			11/12/17 14:57	2
1,2-Dichloropropane	ND		2.0	0.36	ug/L			11/12/17 14:57	2
1,3-Dichlorobenzene	ND		2.0	0.66	ug/L			11/12/17 14:57	2
1,4-Dichlorobenzene	ND		2.0	0.66	ug/L			11/12/17 14:57	2
2-Butanone (MEK)	52		10	4.4	ug/L			11/12/17 14:57	2
2-Hexanone	ND		10	1.4	ug/L			11/12/17 14:57	2
4-Methyl-2-pentanone (MIBK)	ND		10	1.3	ug/L			11/12/17 14:57	2
Acetone	ND		10	2.1	ug/L			11/12/17 14:57	2
Benzene	ND		2.0	0.18	ug/L			11/12/17 14:57	2
Bromoform	ND		2.0	0.36	ug/L			11/12/17 14:57	2
Bromomethane	ND		2.0	0.36	ug/L			11/12/17 14:57	2
Carbon disulfide	ND		2.0	0.44	ug/L			11/12/17 14:57	2
Carbon tetrachloride	ND		2.0	0.66	ug/L			11/12/17 14:57	2
Chlorobenzene	ND		2.0	0.48	ug/L			11/12/17 14:57	2
Dibromochloromethane	ND		2.0	0.44	ug/L			11/12/17 14:57	2
Chloroethane	ND		2.0	0.74	ug/L			11/12/17 14:57	2
Chloroform	ND		2.0	0.44	ug/L			11/12/17 14:57	2
Chloromethane	ND		2.0	0.44	ug/L			11/12/17 14:57	2
cis-1,2-Dichloroethene	540		2.0	0.52	ug/L			11/12/17 14:57	2
Cyclohexane	ND		2.0	0.52	ug/L			11/12/17 14:57	2
Bromodichloromethane	ND		2.0	0.30	ug/L			11/12/17 14:57	2
Dichlorodifluoromethane	ND		2.0	0.28	ug/L			11/12/17 14:57	2
Ethylbenzene	ND		2.0	0.60	ug/L			11/12/17 14:57	2
1,2-Dibromoethane	ND		2.0	0.38	ug/L			11/12/17 14:57	2
Isopropylbenzene	ND		2.0	0.64	ug/L			11/12/17 14:57	2
Methyl acetate	ND		10	1.2	ug/L			11/12/17 14:57	2
Methyl tert-butyl ether	ND		2.0	0.26	ug/L			11/12/17 14:57	2
Methylcyclohexane	ND		2.0	0.44	ug/L			11/12/17 14:57	2
Methylene Chloride	ND		2.0	0.42	ug/L			11/12/17 14:57	2
Tetrachloroethene	6.2		2.0	0.24	ug/L			11/12/17 14:57	2
Toluene	ND		2.0	0.50	ug/L			11/12/17 14:57	2
trans-1,2-Dichloroethene	2.7		2.0	0.36	ug/L			11/12/17 14:57	2
trans-1,3-Dichloropropene	ND		2.0	0.38	ug/L			11/12/17 14:57	2

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-5

Lab Sample ID: 480-127281-5

Date Collected: 11/08/17 13:00

Matrix: Water

Date Received: 11/09/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	43		2.0	0.44	ug/L			11/12/17 14:57	2
Trichlorofluoromethane	ND		2.0	0.30	ug/L			11/12/17 14:57	2
Vinyl chloride	67		2.0	0.12	ug/L			11/12/17 14:57	2
Xylenes, Total	ND		4.0	0.56	ug/L			11/12/17 14:57	2
cis-1,3-Dichloropropene	ND		2.0	0.32	ug/L			11/12/17 14:57	2
Styrene	ND		2.0	0.34	ug/L			11/12/17 14:57	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		74 - 132		11/12/17 14:57	2
Toluene-d8 (Surr)	102		80 - 120		11/12/17 14:57	2
Dibromofluoromethane (Surr)	102		72 - 131		11/12/17 14:57	2
4-Bromofluorobenzene	99		77 - 124		11/12/17 14:57	2

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	17		1.9	0.34	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluoropentanoic acid (PFPeA)	4.9		1.9	0.48	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorohexanoic acid (PFHxA)	8.3		1.9	0.57	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluoroheptanoic acid (PFHpA)	13		1.9	0.24	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorooctanoic acid (PFOA)	70		1.9	0.83	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorononanoic acid (PFNA)	3.2 B		1.9	0.26	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorodecanoic acid (PFDA)	1.4 J		1.9	0.30	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.1	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.54	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	1.3	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.28	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorobutanesulfonic acid (PFBS)	15		1.9	0.19	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorohexanesulfonic acid (PFHxS)	11 B		1.9	0.17	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.9		1.9	0.19	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorooctanesulfonic acid (PFOS)	130		1.9	0.53	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.31	ng/L		11/16/17 10:19	11/18/17 01:44	1
Perfluorooctane Sulfonamide (FOSA)	0.59 J		1.9	0.34	ng/L		11/16/17 10:19	11/18/17 01:44	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		19	3.0	ng/L		11/16/17 10:19	11/18/17 01:44	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		19	1.9	ng/L		11/16/17 10:19	11/18/17 01:44	1
6:2FTS	ND		19	1.9	ng/L		11/16/17 10:19	11/18/17 01:44	1
8:2FTS	ND		19	1.9	ng/L		11/16/17 10:19	11/18/17 01:44	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	54		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C5 PFPeA	82		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C2 PFHxA	87		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C4-PFHpA	91		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C4 PFOA	86		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C5 PFNA	105		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C2 PFDA	111		25 - 150	11/16/17 10:19	11/18/17 01:44	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-5

Date Collected: 11/08/17 13:00

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-5

Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFUnA	107		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C2 PFDoA	95		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C2-PFTeDA	84		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C3-PFBS	109		25 - 150	11/16/17 10:19	11/18/17 01:44	1
18O2 PFHxS	98		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C4 PFOS	105		25 - 150	11/16/17 10:19	11/18/17 01:44	1
13C8 FOSA	103		25 - 150	11/16/17 10:19	11/18/17 01:44	1
d3-NMeFOSAA	111		25 - 150	11/16/17 10:19	11/18/17 01:44	1
d5-NEtFOSAA	125		25 - 150	11/16/17 10:19	11/18/17 01:44	1
M2-6:2FTS	101		25 - 150	11/16/17 10:19	11/18/17 01:44	1
M2-8:2FTS	221 *		25 - 150	11/16/17 10:19	11/18/17 01:44	1

Client Sample ID: PES-6

Date Collected: 11/08/17 11:50

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-6

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	-		11/10/17 07:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		71 - 144					11/10/17 07:32	1
4-Bromofluorobenzene	90		72 - 133					11/10/17 07:32	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	0.28	ug/L	-		11/12/17 00:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L	-		11/12/17 00:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.34	ug/L	-		11/12/17 00:00	1
1,1,1-Trichloroethane	ND		1.0	0.080	ug/L	-		11/12/17 00:00	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L	-		11/12/17 00:00	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L	-		11/12/17 00:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.27	ug/L	-		11/12/17 00:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.23	ug/L	-		11/12/17 00:00	1
1,2-Dichlorobenzene	ND		1.0	0.22	ug/L	-		11/12/17 00:00	1
1,2-Dichloroethane	ND		1.0	0.25	ug/L	-		11/12/17 00:00	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L	-		11/12/17 00:00	1
1,3-Dichlorobenzene	ND		1.0	0.33	ug/L	-		11/12/17 00:00	1
1,4-Dichlorobenzene	ND		1.0	0.33	ug/L	-		11/12/17 00:00	1
2-Butanone (MEK)	ND		5.0	2.2	ug/L	-		11/12/17 00:00	1
2-Hexanone	ND		5.0	0.72	ug/L	-		11/12/17 00:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.63	ug/L	-		11/12/17 00:00	1
Acetone	ND		5.0	1.1	ug/L	-		11/12/17 00:00	1
Benzene	ND		1.0	0.090	ug/L	-		11/12/17 00:00	1
Bromoform	ND		1.0	0.18	ug/L	-		11/12/17 00:00	1
Bromomethane	ND		1.0	0.18	ug/L	-		11/12/17 00:00	1
Carbon disulfide	ND		1.0	0.22	ug/L	-		11/12/17 00:00	1
Carbon tetrachloride	ND		1.0	0.33	ug/L	-		11/12/17 00:00	1
Chlorobenzene	ND		1.0	0.24	ug/L	-		11/12/17 00:00	1
Dibromochloromethane	ND		1.0	0.22	ug/L	-		11/12/17 00:00	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-6

Lab Sample ID: 480-127281-6

Date Collected: 11/08/17 11:50

Matrix: Water

Date Received: 11/09/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.37	ug/L			11/12/17 00:00	1
Chloroform	ND		1.0	0.22	ug/L			11/12/17 00:00	1
Chloromethane	ND		1.0	0.22	ug/L			11/12/17 00:00	1
cis-1,2-Dichloroethene	3.4		1.0	0.26	ug/L			11/12/17 00:00	1
Cyclohexane	ND		1.0	0.26	ug/L			11/12/17 00:00	1
Bromodichloromethane	ND		1.0	0.15	ug/L			11/12/17 00:00	1
Dichlorodifluoromethane	ND		1.0	0.14	ug/L			11/12/17 00:00	1
Ethylbenzene	ND		1.0	0.30	ug/L			11/12/17 00:00	1
1,2-Dibromoethane	ND		1.0	0.19	ug/L			11/12/17 00:00	1
Isopropylbenzene	ND		1.0	0.32	ug/L			11/12/17 00:00	1
Methyl acetate	ND		5.0	0.58	ug/L			11/12/17 00:00	1
Methyl tert-butyl ether	ND		1.0	0.13	ug/L			11/12/17 00:00	1
Methylcyclohexane	ND		1.0	0.22	ug/L			11/12/17 00:00	1
Methylene Chloride	ND		1.0	0.21	ug/L			11/12/17 00:00	1
Tetrachloroethene	1.1		1.0	0.12	ug/L			11/12/17 00:00	1
Toluene	ND		1.0	0.25	ug/L			11/12/17 00:00	1
trans-1,2-Dichloroethene	ND		1.0	0.18	ug/L			11/12/17 00:00	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			11/12/17 00:00	1
Trichloroethene	0.75	J	1.0	0.22	ug/L			11/12/17 00:00	1
Trichlorofluoromethane	ND		1.0	0.15	ug/L			11/12/17 00:00	1
Vinyl chloride	ND		1.0	0.060	ug/L			11/12/17 00:00	1
Xylenes, Total	ND		2.0	0.28	ug/L			11/12/17 00:00	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			11/12/17 00:00	1
Styrene	ND		1.0	0.17	ug/L			11/12/17 00:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		74 - 132		11/12/17 00:00	1
Toluene-d8 (Surr)	101		80 - 120		11/12/17 00:00	1
Dibromofluoromethane (Surr)	104		72 - 131		11/12/17 00:00	1
4-Bromofluorobenzene	99		77 - 124		11/12/17 00:00	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	8.3		2.0	0.34	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluoropentanoic acid (PFPeA)	7.9		2.0	0.48	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorohexanoic acid (PFHxA)	10		2.0	0.57	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluoroheptanoic acid (PFHpA)	17		2.0	0.24	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorooctanoic acid (PFOA)	86	F1	2.0	0.83	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorononanoic acid (PFNA)	7.2	B	2.0	0.26	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorodecanoic acid (PFDA)	0.93	J	2.0	0.30	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.54	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.28	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorobutanesulfonic acid (PFBS)	12		2.0	0.20	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorohexanesulfonic acid (PFHxS)	8.3	B	2.0	0.17	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluoroheptanesulfonic Acid (PFHpS)	4.0		2.0	0.19	ng/L		11/16/17 10:19	11/18/17 01:52	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: PES-6

Date Collected: 11/08/17 11:50

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	380		2.0	0.53	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.31	ng/L		11/16/17 10:19	11/18/17 01:52	1
Perfluorooctane Sulfonamide (FOSA)	9.2		2.0	0.34	ng/L		11/16/17 10:19	11/18/17 01:52	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.0	ng/L		11/16/17 10:19	11/18/17 01:52	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	7.4 J		20	1.9	ng/L		11/16/17 10:19	11/18/17 01:52	1
6:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 01:52	1
8:2FTS	ND		20	2.0	ng/L		11/16/17 10:19	11/18/17 01:52	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	57		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C5 PFPeA	80		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C2 PFHxA	88		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C4-PFHpA	90		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C4 PFOA	86		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C5 PFNA	97		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C2 PFDA	96		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C2 PFUnA	97		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C2 PFDoA	88		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C2-PFTeDA	88		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C3-PFBS	96		25 - 150				11/16/17 10:19	11/18/17 01:52	1
18O2 PFHxS	99		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C4 PFOS	100		25 - 150				11/16/17 10:19	11/18/17 01:52	1
13C8 FOSA	99		25 - 150				11/16/17 10:19	11/18/17 01:52	1
d3-NMeFOSAA	107		25 - 150				11/16/17 10:19	11/18/17 01:52	1
d5-NEtFOSAA	104		25 - 150				11/16/17 10:19	11/18/17 01:52	1
M2-6:2FTS	81		25 - 150				11/16/17 10:19	11/18/17 01:52	1
M2-8:2FTS	131		25 - 150				11/16/17 10:19	11/18/17 01:52	1

Client Sample ID: DUP

Date Collected: 11/08/17 00:00

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.1		0.40	0.20	ug/L			11/10/17 07:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		71 - 144					11/10/17 07:56	1
4-Bromofluorobenzene	90		72 - 133					11/10/17 07:56	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		10	2.8	ug/L			11/12/17 16:07	10
1,1,2,2-Tetrachloroethane	ND		10	1.9	ug/L			11/12/17 16:07	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.4	ug/L			11/12/17 16:07	10
1,1,2-Trichloroethane	ND		10	0.80	ug/L			11/12/17 16:07	10
1,1-Dichloroethane	ND		10	2.4	ug/L			11/12/17 16:07	10

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: DUP

Lab Sample ID: 480-127281-7

Date Collected: 11/08/17 00:00

Matrix: Water

Date Received: 11/09/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	8.3	J	10	3.4	ug/L			11/12/17 16:07	10
1,2,4-Trichlorobenzene	ND		10	2.7	ug/L			11/12/17 16:07	10
1,2-Dibromo-3-Chloropropane	ND		10	2.3	ug/L			11/12/17 16:07	10
1,2-Dichlorobenzene	ND		10	2.2	ug/L			11/12/17 16:07	10
1,2-Dichloroethane	ND		10	2.5	ug/L			11/12/17 16:07	10
1,2-Dichloropropane	ND		10	1.8	ug/L			11/12/17 16:07	10
1,3-Dichlorobenzene	ND		10	3.3	ug/L			11/12/17 16:07	10
1,4-Dichlorobenzene	ND		10	3.3	ug/L			11/12/17 16:07	10
2-Butanone (MEK)	ND		50	22	ug/L			11/12/17 16:07	10
2-Hexanone	ND		50	7.2	ug/L			11/12/17 16:07	10
4-Methyl-2-pentanone (MIBK)	ND		50	6.3	ug/L			11/12/17 16:07	10
Acetone	ND		50	11	ug/L			11/12/17 16:07	10
Benzene	ND		10	0.90	ug/L			11/12/17 16:07	10
Bromoform	ND		10	1.8	ug/L			11/12/17 16:07	10
Bromomethane	ND		10	1.8	ug/L			11/12/17 16:07	10
Carbon disulfide	ND		10	2.2	ug/L			11/12/17 16:07	10
Carbon tetrachloride	ND		10	3.3	ug/L			11/12/17 16:07	10
Chlorobenzene	ND		10	2.4	ug/L			11/12/17 16:07	10
Dibromochloromethane	ND		10	2.2	ug/L			11/12/17 16:07	10
Chloroethane	ND		10	3.7	ug/L			11/12/17 16:07	10
Chloroform	ND		10	2.2	ug/L			11/12/17 16:07	10
Chloromethane	ND		10	2.2	ug/L			11/12/17 16:07	10
cis-1,2-Dichloroethene	1600		10	2.6	ug/L			11/12/17 16:07	10
Cyclohexane	ND		10	2.6	ug/L			11/12/17 16:07	10
Bromodichloromethane	ND		10	1.5	ug/L			11/12/17 16:07	10
Dichlorodifluoromethane	ND		10	1.4	ug/L			11/12/17 16:07	10
Ethylbenzene	ND		10	3.0	ug/L			11/12/17 16:07	10
1,2-Dibromoethane	ND		10	1.9	ug/L			11/12/17 16:07	10
Isopropylbenzene	ND		10	3.2	ug/L			11/12/17 16:07	10
Methyl acetate	ND		50	5.8	ug/L			11/12/17 16:07	10
Methyl tert-butyl ether	ND		10	1.3	ug/L			11/12/17 16:07	10
Methylcyclohexane	ND		10	2.2	ug/L			11/12/17 16:07	10
Methylene Chloride	ND		10	2.1	ug/L			11/12/17 16:07	10
Tetrachloroethene	2400		10	1.2	ug/L			11/12/17 16:07	10
Toluene	ND		10	2.5	ug/L			11/12/17 16:07	10
trans-1,2-Dichloroethene	11		10	1.8	ug/L			11/12/17 16:07	10
trans-1,3-Dichloropropene	ND		10	1.9	ug/L			11/12/17 16:07	10
Trichloroethene	1500		10	2.2	ug/L			11/12/17 16:07	10
Trichlorofluoromethane	ND		10	1.5	ug/L			11/12/17 16:07	10
Vinyl chloride	230		10	0.60	ug/L			11/12/17 16:07	10
Xylenes, Total	ND		20	2.8	ug/L			11/12/17 16:07	10
cis-1,3-Dichloropropene	ND		10	1.6	ug/L			11/12/17 16:07	10
Styrene	ND		10	1.7	ug/L			11/12/17 16:07	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132					11/12/17 16:07	10
Toluene-d8 (Surr)	99		80 - 120					11/12/17 16:07	10
Dibromofluoromethane (Surr)	103		72 - 131					11/12/17 16:07	10
4-Bromofluorobenzene	99		77 - 124					11/12/17 16:07	10

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: DUP

Lab Sample ID: 480-127281-7

Date Collected: 11/08/17 00:00

Matrix: Water

Date Received: 11/09/17 01:00

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.8		1.9	0.33	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluoropentanoic acid (PFPeA)	1.2	J	1.9	0.47	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorohexanoic acid (PFHxA)	1.5	J	1.9	0.55	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluoroheptanoic acid (PFHpA)	1.4	J	1.9	0.24	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorooctanoic acid (PFOA)	2.5		1.9	0.81	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.26	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.30	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.0	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.52	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	1.2	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.28	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorobutanesulfonic acid (PFBS)	0.76	J	1.9	0.19	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorohexanesulfonic acid (PFHxS)	0.46	J B	1.9	0.16	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.18	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorooctanesulfonic acid (PFOS)	2.7	B	1.9	0.51	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.30	ng/L		11/16/17 19:25	11/18/17 20:04	1
Perfluorooctane Sulfonamide (FOSA)	0.65	J	1.9	0.33	ng/L		11/16/17 19:25	11/18/17 20:04	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		19	3.0	ng/L		11/16/17 19:25	11/18/17 20:04	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		19	1.8	ng/L		11/16/17 19:25	11/18/17 20:04	1
6:2FTS	ND		19	1.9	ng/L		11/16/17 19:25	11/18/17 20:04	1
8:2FTS	ND		19	1.9	ng/L		11/16/17 19:25	11/18/17 20:04	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	99		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C5 PFPeA	111		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C2 PFHxA	108		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C4-PFHpA	107		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C4 PFOA	99		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C5 PFNA	106		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C2 PFDA	109		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C2 PFUnA	108		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C2 PFDoA	102		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C2-PFTeDA	99		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C3-PFBS	112		25 - 150				11/16/17 19:25	11/18/17 20:04	1
18O2 PFHxS	111		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C4 PFOS	110		25 - 150				11/16/17 19:25	11/18/17 20:04	1
13C8 FOSA	108		25 - 150				11/16/17 19:25	11/18/17 20:04	1
d3-NMeFOSAA	112		25 - 150				11/16/17 19:25	11/18/17 20:04	1
d5-NEtFOSAA	118		25 - 150				11/16/17 19:25	11/18/17 20:04	1
M2-6:2FTS	58		25 - 150				11/16/17 19:25	11/18/17 20:04	1
M2-8:2FTS	129		25 - 150				11/16/17 19:25	11/18/17 20:04	1

TestAmerica Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Client Sample ID: MW-12

Date Collected: 11/07/17 09:50

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127280-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476410	11/11/17 22:50	KLB	TAL EDI
Total/NA	Analysis	8260C SIM		1	476019	11/10/17 13:14	XXC	TAL EDI
Total/NA	Prep	3535			195067	11/16/17 10:19	CCB	TAL SAC
Total/NA	Analysis	537 (modified)		1	195531	11/18/17 00:33	ABH	TAL SAC

Client Sample ID: MW-13

Date Collected: 11/07/17 10:50

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127280-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	476490	11/12/17 16:30	EMM	TAL EDI
Total/NA	Analysis	8260C SIM		1	476019	11/10/17 13:38	XXC	TAL EDI
Total/NA	Prep	3535			195067	11/16/17 10:19	CCB	TAL SAC
Total/NA	Analysis	537 (modified)		1	195531	11/18/17 00:41	ABH	TAL SAC

Client Sample ID: PES-1

Date Collected: 11/08/17 11:10

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476410	11/11/17 23:13	KLB	TAL EDI
Total/NA	Analysis	8260C SIM		1	475912	11/10/17 05:32	KLB	TAL EDI
Total/NA	Prep	3535			195067	11/16/17 10:19	CCB	TAL SAC
Total/NA	Analysis	537 (modified)		1	195531	11/18/17 01:04	ABH	TAL SAC

Client Sample ID: PES-2

Date Collected: 11/08/17 10:20

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	476490	11/12/17 15:20	EMM	TAL EDI
Total/NA	Analysis	8260C SIM		1	475912	11/10/17 05:56	KLB	TAL EDI
Total/NA	Prep	3535			195067	11/16/17 10:19	CCB	TAL SAC
Total/NA	Analysis	537 (modified)		1	195531	11/18/17 01:12	ABH	TAL SAC

Client Sample ID: PES-3

Date Collected: 11/08/17 09:40

Date Received: 11/09/17 01:00

Lab Sample ID: 480-127281-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	476490	11/12/17 15:43	EMM	TAL EDI
Total/NA	Analysis	8260C SIM		1	475912	11/10/17 06:20	KLB	TAL EDI

TestAmerica Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			195067	11/16/17 10:19	CCB	TAL SAC
Total/NA	Analysis	537 (modified)		1	195531	11/18/17 01:20	ABH	TAL SAC

Client Sample ID: PES-4

Lab Sample ID: 480-127281-4

Date Collected: 11/08/17 09:00

Matrix: Water

Date Received: 11/09/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476410	11/11/17 23:36	KLB	TAL EDI
Total/NA	Analysis	8260C SIM		1	475912	11/10/17 06:44	KLB	TAL EDI
Total/NA	Prep	3535			195067	11/16/17 10:19	CCB	TAL SAC
Total/NA	Analysis	537 (modified)		1	195531	11/18/17 01:36	ABH	TAL SAC

Client Sample ID: PES-5

Lab Sample ID: 480-127281-5

Date Collected: 11/08/17 13:00

Matrix: Water

Date Received: 11/09/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	476490	11/12/17 14:57	EMM	TAL EDI
Total/NA	Analysis	8260C SIM		1	475912	11/10/17 07:08	KLB	TAL EDI
Total/NA	Prep	3535			195067	11/16/17 10:19	CCB	TAL SAC
Total/NA	Analysis	537 (modified)		1	195531	11/18/17 01:44	ABH	TAL SAC

Client Sample ID: PES-6

Lab Sample ID: 480-127281-6

Date Collected: 11/08/17 11:50

Matrix: Water

Date Received: 11/09/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476410	11/12/17 00:00	KLB	TAL EDI
Total/NA	Analysis	8260C SIM		1	475912	11/10/17 07:32	KLB	TAL EDI
Total/NA	Prep	3535			195067	11/16/17 10:19	CCB	TAL SAC
Total/NA	Analysis	537 (modified)		1	195531	11/18/17 01:52	ABH	TAL SAC

Client Sample ID: DUP

Lab Sample ID: 480-127281-7

Date Collected: 11/08/17 00:00

Matrix: Water

Date Received: 11/09/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	476490	11/12/17 16:07	EMM	TAL EDI
Total/NA	Analysis	8260C SIM		1	475912	11/10/17 07:56	KLB	TAL EDI
Total/NA	Prep	3535			195219	11/16/17 19:25	JER	TAL SAC
Total/NA	Analysis	537 (modified)		1	195563	11/18/17 20:04	ABH	TAL SAC

Laboratory References:

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

TestAmerica Buffalo

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

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

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-18

Laboratory: TestAmerica Sacramento

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11666	04-01-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
537 (modified)	3535	Water	6:2FTS
537 (modified)	3535	Water	8:2FTS
537 (modified)	3535	Water	N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)
537 (modified)	3535	Water	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)
537 (modified)	3535	Water	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	3535	Water	Perfluorobutanoic acid (PFBA)
537 (modified)	3535	Water	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	3535	Water	Perfluorodecanoic acid (PFDA)
537 (modified)	3535	Water	Perfluorododecanoic acid (PFDoA)
537 (modified)	3535	Water	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	3535	Water	Perfluoroheptanoic acid (PFHpA)
537 (modified)	3535	Water	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	3535	Water	Perfluorohexanoic acid (PFHxA)
537 (modified)	3535	Water	Perfluorononanoic acid (PFNA)
537 (modified)	3535	Water	Perfluorooctane Sulfonamide (FOSA)
537 (modified)	3535	Water	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	3535	Water	Perfluorooctanoic acid (PFOA)
537 (modified)	3535	Water	Perfluoropentanoic acid (PFPeA)
537 (modified)	3535	Water	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	3535	Water	Perfluorotridecanoic Acid (PFTriA)
537 (modified)	3535	Water	Perfluoroundecanoic acid (PFUnA)

Method Summary

Client: New York State D.E.C.
Project/Site: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL EDI
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL 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: Rickett's Dry Cleaners #546058

TestAmerica Job ID: 480-127280-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-127280-1	MW-12	Water	11/07/17 09:50	11/09/17 01:00
480-127280-2	MW-13	Water	11/07/17 10:50	11/09/17 01:00
480-127281-1	PES-1	Water	11/08/17 11:10	11/09/17 01:00
480-127281-2	PES-2	Water	11/08/17 10:20	11/09/17 01:00
480-127281-3	PES-3	Water	11/08/17 09:40	11/09/17 01:00
480-127281-4	PES-4	Water	11/08/17 09:00	11/09/17 01:00
480-127281-5	PES-5	Water	11/08/17 13:00	11/09/17 01:00
480-127281-6	PES-6	Water	11/08/17 11:50	11/09/17 01:00
480-127281-7	DUP	Water	11/08/17 00:00	11/09/17 01:00

Albany, NY 12205
phone 518.438.8140 fax 518.438.8150

Regulatory Program: ☐ bw ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratory

COC No:

of

COC

Carrier:

Date: 11/7/2017

Site Contact: John Johnson

Lab Contact: Judy Stone

Project Manager: Mike DiPietro

Tel/Fax: 518-885-4399 (PES)

Analysis Turnaround Time

☐ CALENDAR DAYS ☐ WORKING DAYS

TAT: If different from Below

☒ 2 weeks

☐ 1 week

☐ 2 days

☐ 1 day

Sample Identification

MW-12

MW-13

11-8-17

Sample Date

Sample Time

Sample Type (C=Comp, G=Grab)

Matrix

of Cont.

Filtered Sample (Y/N)

Perform MS/MSD (Y/N)

8260C SIM - 1,4-Dioxane

8260C - TCL list VOAS

PFC, IDA - PFAS, Standard List (21 Ana

480-127280 COC

Sample Specific Not

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

☐ Return to Client ☒ Disposal by Lab ☐ Archive for Months

Special Instructions/QC Requirements & Comments: Please CC Kiliola@precisionenvironmentalny.com

Custody Seal No.:

Relinquished by:

Relinquished by:

Relinquished by:

Company:

Company:

Company:

Date/Time:

Date/Time:

Date/Time:

Received by:

Received by:

Received by:

Company:

Company:

Company:

Date/Time:

Date/Time:

Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/

Albany, NY 12205
phone 518.438.8140 fax 518.438.8150

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Mike DiPietro		Site Contact: John Johnson		Date: 11/8/2017	
NYSDEC Region 5		Tel/Fax: 518-885-4399 (PES)		Lab Contact: Judy Stone		Carrier:	
232 Golf course Rd							
Warrensburg, NY 12885							
(518) 623-1236							
Project Name: Rickett's Dry Cleaners							
Site: NYSDEC Site # 546058							
P O # NYSDEC Site # 546058							

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Analysis Turnaround Time		Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260C SIM - 1,4-Dioxane	8260C - TCL list VOAs	PFC, IDA - PFAS, Standard List (21 Ana	Sample Specific Notes:
						CALENDAR DAYS	WORKING DAYS						
PES-1	11/8/2017	11:10	G	GW	8	☒	2 weeks			X	X		
PES-2	11/8/2017	10:20	G	GW	8	☐	1 week			X	X		
PES-3	11/8/2017	9:40	G	GW	8	☐	2 days			X	X		
PES-4	11/8/2017	9:00	G	GW	8	☐	1 day			X	X		
PES-5	11/8/2017	1:00	G	GW	8					X	X		
PES-6	11/8/2017	11:50	G	GW	8				Y	X	X		
Dup	11/8/2017	NA	G	GW	8					X	X		
 480-127281 COC													

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: Please CC Kiliaia@precisionenvironmentalny.com BLIND DUP REQUESTED

Custody Seal Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: <i>Katie D. Linn</i>	Company: PES	Received by: <i>Katie Loeber</i>	Company: TA	Date/Time: 11-8-17 1315	Date/Time: 11-8-17 1315
Relinquished by: <i>Katie Loeber</i>	Company: TA	Received by: <i>John Johnson</i>	Company: TA	Date/Time: 11-8-17 1800	Date/Time: 11-9-17 0100
Relinquished by:	Company:	Received in Laboratory by:	Company:	Date/Time:	Date/Time:

Chain of Custody Record

TestAmerica Albany
25 Kraft Avenue
Albany, NY 12205
phone 518.438.8140 fax 518.438.8150

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: ☐

Project Manager: Mike DiPietro
Tel/Fax: 518-885-4399 (PES)

Client Contact
NYSDEC Region 5
232 Golf course Rd
Warrensburg, NY 12885
(518) 623-1236
(xxx) xxx-xxxx FAX
Project Name: Rickett's Dry Cleaners
Site: NYSDEC Site # 546058
P O # NYSDEC Site # 546058

Site Contact: John Johnson Date: 11/17/2017
Lab Contact: Judy Stone Carrier:
COC No: of COCs

Analysis Turnaround Time
☐ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:
MW-12	11/17/2017	950	G	GW	7	
MW-13	11/17/2017	1050	G	GW	8	
11/18/17						
480-127280 Chain of Custody						

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: Please CC Killoia@precisionenvironmentalny.com
Cooler Temp. (°C) Obs'd: 0.0 Cor'd: NK-3
Therm ID No: NK-3

Custody Seals Intact: ☐ Yes ☐ No
Relinquished by: [Signature] Date/Time: 11-17-17 3:30
Relinquished by: [Signature] Date/Time: 11-8-17 1800
Relinquished by: [Signature] Date/Time: 11-9-17 930

Chain of Custody Record

Albany, NY 12205
phone 518.438.8140 fax 518.438.8150

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Mike DiPietro		Site Contact: John Johnson		Date: 11/8/2017		COC No. _____ of _____ COCs	
NYSDEC Region 5		Tel/Fax: 518-885-4399 (PES)		Lab Contact: Judy Stone		Carrier:		Sampler:	
232 Golf course Rd		Analysis Turnaround Time		TAT if different from Below _____		For Lab Use Only:		Walk-in Client:	
Warrensburg, NY 12885		☐ CALENDAR DAYS ☐ WORKING DAYS		☒ 2 weeks		Lab Sampling:		Job / SDG No.:	
(518) 623-1236		☐ 1 week		☐ 2 days					
Project Name: Rickett's Dry Cleaners		☐ 1 day							
Site: NYSDC Site # 546058									
P O # NYSDC Site # 546058									

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp. G=Grab)	Matrix	# of Cont.	Filtered Sample	Perform MS/MSD	8260C - SIM	8260C - TOC	PFC, IDA - PFAS	Sample Specific Notes
PES-1	11/8/2017	11:10	G	GW	8			X	X	X	
PES-2	11/8/2017	10:20	G	GW	8			X	X	X	
PES-3	11/8/2017	9:40	G	GW	8			X	X	X	
PES-4	11/8/2017	9:00	G	GW	8			X	X	X	
PES-5	11/8/2017	1:00	G	GW	8			X	X	X	
PES-6	11/8/2017	11:50	G	GW	8		Y	X	X	X	
Dup	11/8/2017	NA	G	GW	8			X	X	X	
480-127281 Chain of Custody 											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4, 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

☐ Return to Client ☒ Dispose by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Please CC Kiliia@precisionenvironmental.com BLIND DUP REQUESTED

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____	Therm ID No.: _____
Relinquished by: <i>Joe M. Lin</i>	Company: PES	Received by: <i>Rick Lee</i>	Company: <i>TA</i>
Relinquished by: <i>Rick Lee</i>	Company: <i>TA</i>	Date/Time: 11/8/17 1:14	Date/Time: 11-8-17 131
Relinquished by:	Company:	Date/Time: 11-8-17 18	Date/Time: 11/8/17 17:45

TestAmerica Albany

25 Kraft Avenue

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Albany, NY 12205
phone 518.438.8140 fax 518.438.8150

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Labo

Client Contact

NYSDEC Region 5

Project Manager: Mike DiPietro

Site Contact: John Johnson

Date: 11/7/2017

COC No. of Ci

232 Golf course Rd

Tel/Fax: 518-885-4399 (PES)

Lab Contact: Judy Stone

Carrier:

Sampler: of Ci

Warrensburg, NY 12885

Analysis Turnaround Time

For Lab Use Only:

Walk-in Client:

Lab Sampling:

(518) 623-1236

CALENDAR DAYS ☐ WORKING DAYS

Job / SDG No.:

480-127280

480-127280

Project Name: Rickett's Dry Cleaners

TAT if different from Below

2 weeks

1 week

2 days

Site: NYSDEC Site # 546058

1 day

1 day

1 day

1 day

P O # NYSDEC Site # 546058

1 day

1 day

1 day

1 day

Sample Identification

Sample Date

Sample Time

Sample Type (C=Comp, G=Grab)

Matrix

MW-12

11/7/2017

950

G

GW

MW-13

11/7/2017

1050

G

GW

11/7/2017

1050

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GW

11/7/2017

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GW

THE LEADER IN ENVIRONMENTAL TESTING

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

Ver: 09/20/2016

- 1
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- 11

Chain of Custody Record



THE LIAISON IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)				Sampler:	Lab P.M.	COC No:						
Client Contact:		Phone:		Stone, Judy L		480-38750.1						
Shipping/Receiving		E-Mail:		judy.stone@testamerica.com		Page 1 of 1						
Company:		Accreditations Required (See note):		NELAP - New York								
Address:		Due Date Requested:										
City:		TAT Requested (days):										
State, Zip:												
Phone:		PO #:										
Email:		WO #:										
Project Name:		Project #:										
Rickett's Dry Cleaners #546058		48017055										
Site:		SSOW#:										
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=Comp, G=grab) Preservation Code:	Matrix (W=water, S=solid, O=oils/greases, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
PES-1 (480-127281-1)	11/8/17	Eastern	11:10	Water	X							
PES-2 (480-127281-2)	11/8/17	Eastern	10:20	Water	X							
PES-3 (480-127281-3)	11/8/17	Eastern	09:40	Water	X							
PES-4 (480-127281-4)	11/8/17	Eastern	09:00	Water	X							
PES-5 (480-127281-5)	11/8/17	Eastern	13:00	Water	X							
PES-6 (480-127281-6)	11/8/17	Eastern	11:30	Water	X							
DUP (480-127281-7)	11/8/17	Eastern		Water	X							
Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin, listed above for analysis, 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 compliance to TestAmerica Laboratories, Inc.												
Possible Hazard Identification												
Unconfirmed												
Deliverable Requested: I, II, III, IV, Other (specify)												
Primary Deliverable Rank: 1												
Empty Kit Relinquished by:												
Relinquished by:												
Relinquished by:												
Relinquished by:												
Custody Seal Intact: Yes ☒ No ☐												
Custody Seal No.: 0139998												

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-127280-1

Login Number: 127280

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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	PES
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: 480-127280-1

Login Number: 127280

List Number: 2

Creator: Armbruster, Chris

List Source: TestAmerica Edison

List Creation: 11/09/17 11:22 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	849927
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	1.6°C IR9
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 $<6\text{mm}$ (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: 480-127280-1

Login Number: 127280

List Number: 4

Creator: Armbruster, Chris

List Source: TestAmerica Edison

List Creation: 11/10/17 12:08 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	013998
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	2.4°C IR9
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 $<6\text{mm}$ (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: 480-127280-1

Login Number: 127280

List Source: TestAmerica Sacramento

List Number: 3

List Creation: 11/09/17 05:17 PM

Creator: Nelson, Kym D

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	849911, 849930
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	
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	
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 $<6\text{mm}$ (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: 480-127280-1

Login Number: 127281

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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	PES
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: 480-127280-1

Login Number: 127281

List Number: 2

Creator: Armbruster, Chris

List Source: TestAmerica Edison

List Creation: 11/09/17 11:22 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	849927
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	1.6°C IR9
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 $<6\text{mm}$ (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: 480-127280-1

Login Number: 127281

List Number: 4

Creator: Armbruster, Chris

List Source: TestAmerica Edison

List Creation: 11/10/17 12:08 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	013998
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	2.4°C IR9
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 $<6\text{mm}$ (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: 480-127280-1

Login Number: 127281

List Source: TestAmerica Sacramento

List Number: 3

List Creation: 11/09/17 05:17 PM

Creator: Nelson, Kym D

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	849911, 849930
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	
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	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	