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ANALYTICAL REPORT

PREPARED FOR

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TRC Environmental Corporation
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Madison, Wisconsin 53717

Generated 6/30/2023 12:08:13 PM

JOB DESCRIPTION

Stoughton LF PFAS

JOB NUMBER

500-235101-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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Authorization

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Job ID: 500-235101-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-235101-1

Receipt
The samples were received on 6/10/2023 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.6º C.

Receipt Exceptions
The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): MW-10S-230608 (500-235101-5), MW-10S-230608 (500-235101-5[MS]), MW-10S-230608 (500-235101-5[MSD]), MW-10I-230608 (500-235101-6), MW-10I-230608 (500-235101-6[MS]) and MW-10I-230608 (500-235101-6[MSD]). COC has MS/MSD for sample 6 but did not received enough containers only received 2 but sample 5 we received 6 containers enough for MS/MSD

LCMS
Method 537 (modified): The following samples exhibited matrix interferences for Perfluorobutanoic acid (PFBA) and Perfluoropentanoic acid (PFPeA) causing elevation of the reporting limit: MW-14I-230607 (500-235101-8). The reporting limit for the affected analyte has been raised to be equal to the matrix, and a "G" qualifier applied. MW-14I-230607 (500-235101-8)

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

Organic Prep
Method 3535: The following sample was light yellow and contained floating particulates in the sample bottle prior to extraction: MW-3D-230607 (500-235101-1).
Method: 3535_PFC_28D
Matrix: Aqueous
preparation batch 320-686390

Method 3535: The following sample was light yellow prior to extraction: MW-14I-230607 (500-235101-8).
Method: 3535_PFC_28D
Matrix: Aqueous
preparation batch 320-686390

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-3D-230607 — Lab Sample ID: 500-235101-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	0.31	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-7I-230607 — Lab Sample ID: 500-235101-2

No Detections.

Client Sample ID: MW-9S-230608 — Lab Sample ID: 500-235101-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	2.9		1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.8	J	1.9	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	7.9		1.9	0.79	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.24	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.41	J	1.9	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	1.9	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.4		1.9	0.50	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-9I-230608 — Lab Sample ID: 500-235101-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.44	J	2.0	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.9	J	2.0	0.85	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.64	J	2.0	0.57	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-10S-230608 — Lab Sample ID: 500-235101-5

No Detections.

Client Sample ID: MW-10I-230608 — Lab Sample ID: 500-235101-6

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.0	J	4.7	2.3	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.1	J	1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.51	J	1.9	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	4.2		1.9	0.80	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.59	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.35	J	1.9	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.6	J	1.9	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.7		1.9	0.51	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-14S-230607 — Lab Sample ID: 500-235101-7

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	5.3		4.6	2.2	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.1	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.68	J	1.8	0.52	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-14I-230607 — Lab Sample ID: 500-235101-8

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	2.9		1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.2		1.9	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	11		1.9	0.79	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-14I-230607 (Continued) — Lab Sample ID: 500-235101-8

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	0.58	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.5	J	1.9	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.3		1.9	0.50	ng/L	1		537 (modified)	Total/NA

Client Sample ID: DUP-01-230608 — Lab Sample ID: 500-235101-9

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.8	J	4.7	2.3	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.0	J	1.9	0.55	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.54	J	1.9	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	4.1		1.9	0.80	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.64	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.45	J	1.9	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.1		1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.8		1.9	0.51	ng/L	1		537 (modified)	Total/NA

Client Sample ID: RB-01-230608 — Lab Sample ID: 500-235101-10

No Detections.

Client Sample ID: EB-01-230608 — Lab Sample ID: 500-235101-11

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

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

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

Sample Summary

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-235101-1	MW-3D-230607	Water	06/07/23 10:52	06/10/23 09:15
500-235101-2	MW-7I-230607	Water	06/07/23 11:55	06/10/23 09:15
500-235101-3	MW-9S-230608	Water	06/08/23 11:33	06/10/23 09:15
500-235101-4	MW-9I-230608	Water	06/08/23 10:46	06/10/23 09:15
500-235101-5	MW-10S-230608	Water	06/08/23 12:40	06/10/23 09:15
500-235101-6	MW-10I-230608	Water	06/08/23 13:13	06/10/23 09:15
500-235101-7	MW-14S-230607	Water	06/07/23 13:17	06/10/23 09:15
500-235101-8	MW-14I-230607	Water	06/07/23 12:42	06/10/23 09:15
500-235101-9	DUP-01-230608	Water	06/08/23 00:00	06/10/23 09:15
500-235101-10	RB-01-230608	Water	06/08/23 14:00	06/10/23 09:15
500-235101-11	EB-01-230608	Water	06/08/23 14:05	06/10/23 09:15

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-3D-230607
Date Collected: 06/07/23 10:52
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-1
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorooctanoic acid (PFOA)	<0.80		1.9	0.80	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorobutanesulfonic acid (PFBS)	**0.31**	**J**	1.9	0.19	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorododecanesulfonic acid (PFDoS)	<0.91		1.9	0.91	ng/L		06/27/23 13:45	06/28/23 15:52	1
Perfluorooctanesulfonamide (FOSA)	<0.92		1.9	0.92	ng/L		06/27/23 13:45	06/28/23 15:52	1
NEtFOSA	<0.82		1.9	0.82	ng/L		06/27/23 13:45	06/28/23 15:52	1
NMeFOSA	<0.40		1.9	0.40	ng/L		06/27/23 13:45	06/28/23 15:52	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		06/27/23 13:45	06/28/23 15:52	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		06/27/23 13:45	06/28/23 15:52	1
NMeFOSE	<1.3		3.8	1.3	ng/L		06/27/23 13:45	06/28/23 15:52	1
NEtFOSE	<0.80		1.9	0.80	ng/L		06/27/23 13:45	06/28/23 15:52	1
4:2 FTS	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 15:52	1
6:2 FTS	<2.4		4.7	2.4	ng/L		06/27/23 13:45	06/28/23 15:52	1
8:2 FTS	<0.43		1.9	0.43	ng/L		06/27/23 13:45	06/28/23 15:52	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		06/27/23 13:45	06/28/23 15:52	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		06/27/23 13:45	06/28/23 15:52	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 15:52	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 15:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*
13C5 PFPeA	*89*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*
13C2 PFHxA	*97*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*
13C4 PFHpA	*95*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*
13C4 PFOA	*101*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*
13C5 PFNA	*99*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*
13C2 PFDA	*97*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*
13C2 PFUnA	*103*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*
13C2 PFDoA	*97*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*
13C2 PFTeDA	*91*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*
13C3 PFBS	*98*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:52*	*1*

Client Sample ID: MW-3D-230607
Date Collected: 06/07/23 10:52
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-1
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	109		25 - 150	06/27/23 13:45	06/28/23 15:52	1
13C4 PFOS	95		25 - 150	06/27/23 13:45	06/28/23 15:52	1
13C8 FOSA	92		10 - 150	06/27/23 13:45	06/28/23 15:52	1
d3-NMeFOSAA	96		25 - 150	06/27/23 13:45	06/28/23 15:52	1
d5-NEtFOSAA	90		25 - 150	06/27/23 13:45	06/28/23 15:52	1
d-N-MeFOSA-M	82		10 - 150	06/27/23 13:45	06/28/23 15:52	1
d-N-EtFOSA-M	83		10 - 150	06/27/23 13:45	06/28/23 15:52	1
d7-N-MeFOSE-M	74		10 - 150	06/27/23 13:45	06/28/23 15:52	1
d9-N-EtFOSE-M	74		10 - 150	06/27/23 13:45	06/28/23 15:52	1
M2-4:2 FTS	117		25 - 150	06/27/23 13:45	06/28/23 15:52	1
M2-6:2 FTS	115		25 - 150	06/27/23 13:45	06/28/23 15:52	1
M2-8:2 FTS	116		25 - 150	06/27/23 13:45	06/28/23 15:52	1
13C3 HFPO-DA	99		25 - 150	06/27/23 13:45	06/28/23 15:52	1
13C2 10:2 FTS	108		25 - 150	06/27/23 13:45	06/28/23 15:52	1

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-7I-230607
Date Collected: 06/07/23 11:55
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-2
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		06/27/23 13:45	06/28/23 16:02	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		06/27/23 13:45	06/28/23 16:02	1
NEtFOSA	<0.82		1.9	0.82	ng/L		06/27/23 13:45	06/28/23 16:02	1
NMeFOSA	<0.41		1.9	0.41	ng/L		06/27/23 13:45	06/28/23 16:02	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		06/27/23 13:45	06/28/23 16:02	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		06/27/23 13:45	06/28/23 16:02	1
NMeFOSE	<1.3		3.8	1.3	ng/L		06/27/23 13:45	06/28/23 16:02	1
NEtFOSE	<0.81		1.9	0.81	ng/L		06/27/23 13:45	06/28/23 16:02	1
4:2 FTS	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 16:02	1
6:2 FTS	<2.4		4.7	2.4	ng/L		06/27/23 13:45	06/28/23 16:02	1
8:2 FTS	<0.44		1.9	0.44	ng/L		06/27/23 13:45	06/28/23 16:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		06/27/23 13:45	06/28/23 16:02	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		06/27/23 13:45	06/28/23 16:02	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 16:02	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 16:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
13C5 PFPeA	*88*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
13C2 PFHxA	*105*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
13C4 PFHpA	*96*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
13C4 PFOA	*102*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
13C5 PFNA	*95*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
13C2 PFDA	*101*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
13C2 PFUnA	*104*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
13C2 PFDoA	*98*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
13C2 PFTeDA	*81*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
13C3 PFBS	*98*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*
18O2 PFHxS	*103*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:02*	*1*

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-7I-230607
Date Collected: 06/07/23 11:55
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-2
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	98		25 - 150	06/27/23 13:45	06/28/23 16:02	1
13C8 FOSA	97		10 - 150	06/27/23 13:45	06/28/23 16:02	1
d3-NMeFOSAA	93		25 - 150	06/27/23 13:45	06/28/23 16:02	1
d5-NEtFOSAA	91		25 - 150	06/27/23 13:45	06/28/23 16:02	1
d-N-MeFOSA-M	84		10 - 150	06/27/23 13:45	06/28/23 16:02	1
d-N-EtFOSA-M	81		10 - 150	06/27/23 13:45	06/28/23 16:02	1
d7-N-MeFOSE-M	78		10 - 150	06/27/23 13:45	06/28/23 16:02	1
d9-N-EtFOSE-M	73		10 - 150	06/27/23 13:45	06/28/23 16:02	1
M2-4:2 FTS	112		25 - 150	06/27/23 13:45	06/28/23 16:02	1
M2-6:2 FTS	109		25 - 150	06/27/23 13:45	06/28/23 16:02	1
M2-8:2 FTS	114		25 - 150	06/27/23 13:45	06/28/23 16:02	1
13C3 HFPO-DA	100		25 - 150	06/27/23 13:45	06/28/23 16:02	1
13C2 10:2 FTS	106		25 - 150	06/27/23 13:45	06/28/23 16:02	1

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-9S-230608
Date Collected: 06/08/23 11:33
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-3
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.9	0.45	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorohexanoic acid (PFHxA)	**2.9**		1.9	0.54	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluoroheptanoic acid (PFHpA)	**1.8**	**J**	1.9	0.23	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorooctanoic acid (PFOA)	**7.9**		1.9	0.79	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorobutanesulfonic acid (PFBS)	**0.24**	**J**	1.9	0.19	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluoropentanesulfonic acid (PFPeS)	**0.41**	**J**	1.9	0.28	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorohexanesulfonic acid (PFHxS)	**1.0**	**J**	1.9	0.53	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorooctanesulfonic acid (PFOS)	**2.4**		1.9	0.50	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.9	0.34	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		06/27/23 13:45	06/28/23 16:13	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		06/27/23 13:45	06/28/23 16:13	1
NEtFOSA	<0.81		1.9	0.81	ng/L		06/27/23 13:45	06/28/23 16:13	1
NMeFOSA	<0.40		1.9	0.40	ng/L		06/27/23 13:45	06/28/23 16:13	1
NMeFOSAA	<1.1		4.6	1.1	ng/L		06/27/23 13:45	06/28/23 16:13	1
NEtFOSAA	<1.2		4.6	1.2	ng/L		06/27/23 13:45	06/28/23 16:13	1
NMeFOSE	<1.3		3.7	1.3	ng/L		06/27/23 13:45	06/28/23 16:13	1
NEtFOSE	<0.79		1.9	0.79	ng/L		06/27/23 13:45	06/28/23 16:13	1
4:2 FTS	<0.22		1.9	0.22	ng/L		06/27/23 13:45	06/28/23 16:13	1
6:2 FTS	<2.3		4.6	2.3	ng/L		06/27/23 13:45	06/28/23 16:13	1
8:2 FTS	<0.43		1.9	0.43	ng/L		06/27/23 13:45	06/28/23 16:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		06/27/23 13:45	06/28/23 16:13	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		06/27/23 13:45	06/28/23 16:13	1
9Cl-PF3ONS	<0.22		1.9	0.22	ng/L		06/27/23 13:45	06/28/23 16:13	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 16:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:13*	*1*
13C5 PFPeA	*83*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:13*	*1*
13C2 PFHxA	*98*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:13*	*1*
13C4 PFHpA	*95*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:13*	*1*
13C4 PFOA	*95*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:13*	*1*
13C5 PFNA	*95*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:13*	*1*
13C2 PFDA	*94*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:13*	*1*
13C2 PFUnA	*89*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:13*	*1*
13C2 PFDoA	*81*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:13*	*1*
13C2 PFTeDA	*68*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:13*	*1*

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-9S-230608
Date Collected: 06/08/23 11:33
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-3
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	76		25 - 150	06/27/23 13:45	06/28/23 16:13	1
18O2 PFHxS	100		25 - 150	06/27/23 13:45	06/28/23 16:13	1
13C4 PFOS	95		25 - 150	06/27/23 13:45	06/28/23 16:13	1
13C8 FOSA	91		10 - 150	06/27/23 13:45	06/28/23 16:13	1
d3-NMeFOSAA	83		25 - 150	06/27/23 13:45	06/28/23 16:13	1
d5-NEtFOSAA	90		25 - 150	06/27/23 13:45	06/28/23 16:13	1
d-N-MeFOSA-M	72		10 - 150	06/27/23 13:45	06/28/23 16:13	1
d-N-EtFOSA-M	71		10 - 150	06/27/23 13:45	06/28/23 16:13	1
d7-N-MeFOSE-M	69		10 - 150	06/27/23 13:45	06/28/23 16:13	1
d9-N-EtFOSE-M	65		10 - 150	06/27/23 13:45	06/28/23 16:13	1
M2-4:2 FTS	114		25 - 150	06/27/23 13:45	06/28/23 16:13	1
M2-6:2 FTS	118		25 - 150	06/27/23 13:45	06/28/23 16:13	1
M2-8:2 FTS	113		25 - 150	06/27/23 13:45	06/28/23 16:13	1
13C3 HFPO-DA	101		25 - 150	06/27/23 13:45	06/28/23 16:13	1
13C2 10:2 FTS	102		25 - 150	06/27/23 13:45	06/28/23 16:13	1

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-9I-230608
Date Collected: 06/08/23 10:46
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-4
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluoroheptanoic acid (PFHpA)	**0.44**	**J**	2.0	0.25	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorooctanoic acid (PFOA)	**1.9**	**J**	2.0	0.85	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorohexanesulfonic acid (PFHxS)	**0.64**	**J**	2.0	0.57	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		06/27/23 13:45	06/28/23 16:23	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		06/27/23 13:45	06/28/23 16:23	1
NEtFOSA	<0.87		2.0	0.87	ng/L		06/27/23 13:45	06/28/23 16:23	1
NMeFOSA	<0.43		2.0	0.43	ng/L		06/27/23 13:45	06/28/23 16:23	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		06/27/23 13:45	06/28/23 16:23	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		06/27/23 13:45	06/28/23 16:23	1
NMeFOSE	<1.4		4.0	1.4	ng/L		06/27/23 13:45	06/28/23 16:23	1
NEtFOSE	<0.85		2.0	0.85	ng/L		06/27/23 13:45	06/28/23 16:23	1
4:2 FTS	<0.24		2.0	0.24	ng/L		06/27/23 13:45	06/28/23 16:23	1
6:2 FTS	<2.5		5.0	2.5	ng/L		06/27/23 13:45	06/28/23 16:23	1
8:2 FTS	<0.46		2.0	0.46	ng/L		06/27/23 13:45	06/28/23 16:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		06/27/23 13:45	06/28/23 16:23	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		06/27/23 13:45	06/28/23 16:23	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		06/27/23 13:45	06/28/23 16:23	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		06/27/23 13:45	06/28/23 16:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*109*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*
13C5 PFPeA	*87*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*
13C2 PFHxA	*99*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*
13C4 PFHpA	*93*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*
13C4 PFOA	*98*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*
13C5 PFNA	*94*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*
13C2 PFDA	*97*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*
13C2 PFUnA	*100*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*
13C2 PFDoA	*82*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*
13C2 PFTeDA	*79*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*
13C3 PFBS	*85*		*25 - 150*	*06/27/23 13:45*	*06/28/23 16:23*	*1*

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-9I-230608
Date Collected: 06/08/23 10:46
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-4
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	104		25 - 150	06/27/23 13:45	06/28/23 16:23	1
13C4 PFOS	95		25 - 150	06/27/23 13:45	06/28/23 16:23	1
13C8 FOSA	96		10 - 150	06/27/23 13:45	06/28/23 16:23	1
d3-NMeFOSAA	86		25 - 150	06/27/23 13:45	06/28/23 16:23	1
d5-NEtFOSAA	86		25 - 150	06/27/23 13:45	06/28/23 16:23	1
d-N-MeFOSA-M	73		10 - 150	06/27/23 13:45	06/28/23 16:23	1
d-N-EtFOSA-M	76		10 - 150	06/27/23 13:45	06/28/23 16:23	1
d7-N-MeFOSE-M	73		10 - 150	06/27/23 13:45	06/28/23 16:23	1
d9-N-EtFOSE-M	69		10 - 150	06/27/23 13:45	06/28/23 16:23	1
M2-4:2 FTS	103		25 - 150	06/27/23 13:45	06/28/23 16:23	1
M2-6:2 FTS	115		25 - 150	06/27/23 13:45	06/28/23 16:23	1
M2-8:2 FTS	114		25 - 150	06/27/23 13:45	06/28/23 16:23	1
13C3 HFPO-DA	102		25 - 150	06/27/23 13:45	06/28/23 16:23	1
13C2 10:2 FTS	107		25 - 150	06/27/23 13:45	06/28/23 16:23	1

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-10S-230608
Date Collected: 06/08/23 12:40
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-5
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.7	2.2	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorooctanoic acid (PFOA)	<0.79		1.9	0.79	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.9	0.53	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.9	0.50	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.9	0.34	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		06/27/23 13:45	06/29/23 22:11	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		06/27/23 13:45	06/29/23 22:11	1
NEtFOSA	<0.81		1.9	0.81	ng/L		06/27/23 13:45	06/29/23 22:11	1
NMeFOSA	<0.40		1.9	0.40	ng/L		06/27/23 13:45	06/29/23 22:11	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		06/27/23 13:45	06/29/23 22:11	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		06/27/23 13:45	06/29/23 22:11	1
NMeFOSE	<1.3		3.7	1.3	ng/L		06/27/23 13:45	06/29/23 22:11	1
NEtFOSE	<0.79		1.9	0.79	ng/L		06/27/23 13:45	06/29/23 22:11	1
4:2 FTS	<0.22		1.9	0.22	ng/L		06/27/23 13:45	06/29/23 22:11	1
6:2 FTS	<2.3		4.7	2.3	ng/L		06/27/23 13:45	06/29/23 22:11	1
8:2 FTS	<0.43		1.9	0.43	ng/L		06/27/23 13:45	06/29/23 22:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		06/27/23 13:45	06/29/23 22:11	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		06/27/23 13:45	06/29/23 22:11	1
9Cl-PF3ONS	<0.22		1.9	0.22	ng/L		06/27/23 13:45	06/29/23 22:11	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/29/23 22:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
13C5 PFPeA	*94*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
13C2 PFHxA	*90*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
13C4 PFHpA	*97*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
13C4 PFOA	*100*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
13C5 PFNA	*98*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
13C2 PFDA	*90*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
13C2 PFUnA	*87*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
13C2 PFDoA	*91*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
13C2 PFTeDA	*93*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
13C3 PFBS	*95*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*
18O2 PFHxS	*88*		*25 - 150*	*06/27/23 13:45*	*06/29/23 22:11*	*1*

Client Sample ID: MW-10S-230608
Date Collected: 06/08/23 12:40
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-5
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	89		25 - 150	06/27/23 13:45	06/29/23 22:11	1
13C8 FOSA	103		10 - 150	06/27/23 13:45	06/29/23 22:11	1
d3-NMeFOSAA	98		25 - 150	06/27/23 13:45	06/29/23 22:11	1
d5-NEtFOSAA	112		25 - 150	06/27/23 13:45	06/29/23 22:11	1
d-N-MeFOSA-M	82		10 - 150	06/27/23 13:45	06/29/23 22:11	1
d-N-EtFOSA-M	83		10 - 150	06/27/23 13:45	06/29/23 22:11	1
d7-N-MeFOSE-M	89		10 - 150	06/27/23 13:45	06/29/23 22:11	1
d9-N-EtFOSE-M	80		10 - 150	06/27/23 13:45	06/29/23 22:11	1
M2-4:2 FTS	76		25 - 150	06/27/23 13:45	06/29/23 22:11	1
M2-6:2 FTS	81		25 - 150	06/27/23 13:45	06/29/23 22:11	1
M2-8:2 FTS	78		25 - 150	06/27/23 13:45	06/29/23 22:11	1
13C3 HFPO-DA	97		25 - 150	06/27/23 13:45	06/29/23 22:11	1
13C2 10:2 FTS	82		25 - 150	06/27/23 13:45	06/29/23 22:11	1

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-10I-230608
Date Collected: 06/08/23 13:13
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-6
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**3.0**	**J**	4.7	2.3	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorohexanoic acid (PFHxA)	**1.1**	**J**	1.9	0.54	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluoroheptanoic acid (PFHpA)	**0.51**	**J**	1.9	0.23	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorooctanoic acid (PFOA)	**4.2**		1.9	0.80	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorobutanesulfonic acid (PFBS)	**0.59**	**J**	1.9	0.19	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluoropentanesulfonic acid (PFPeS)	**0.35**	**J**	1.9	0.28	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorohexanesulfonic acid (PFHxS)	**1.6**	**J**	1.9	0.53	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorooctanesulfonic acid (PFOS)	**2.7**		1.9	0.51	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorododecanesulfonic acid (PFDoS)	<0.91		1.9	0.91	ng/L		06/27/23 13:45	06/28/23 17:25	1
Perfluorooctanesulfonamide (FOSA)	<0.92		1.9	0.92	ng/L		06/27/23 13:45	06/28/23 17:25	1
NEtFOSA	<0.82		1.9	0.82	ng/L		06/27/23 13:45	06/28/23 17:25	1
NMeFOSA	<0.40		1.9	0.40	ng/L		06/27/23 13:45	06/28/23 17:25	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		06/27/23 13:45	06/28/23 17:25	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		06/27/23 13:45	06/28/23 17:25	1
NMeFOSE	<1.3		3.8	1.3	ng/L		06/27/23 13:45	06/28/23 17:25	1
NEtFOSE	<0.80		1.9	0.80	ng/L		06/27/23 13:45	06/28/23 17:25	1
4:2 FTS	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 17:25	1
6:2 FTS	<2.3		4.7	2.3	ng/L		06/27/23 13:45	06/28/23 17:25	1
8:2 FTS	<0.43		1.9	0.43	ng/L		06/27/23 13:45	06/28/23 17:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		06/27/23 13:45	06/28/23 17:25	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		06/27/23 13:45	06/28/23 17:25	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 17:25	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 17:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*110*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:25*	*1*
13C5 PFPeA	*87*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:25*	*1*
13C2 PFHxA	*103*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:25*	*1*
13C4 PFHpA	*106*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:25*	*1*
13C4 PFOA	*104*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:25*	*1*
13C5 PFNA	*104*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:25*	*1*
13C2 PFDA	*102*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:25*	*1*
13C2 PFUnA	*104*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:25*	*1*
13C2 PFDoA	*99*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:25*	*1*
13C2 PFTeDA	*86*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:25*	*1*

Client Sample ID: MW-10I-230608
Date Collected: 06/08/23 13:13
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-6
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	94		25 - 150	06/27/23 13:45	06/28/23 17:25	1
18O2 PFHxS	115		25 - 150	06/27/23 13:45	06/28/23 17:25	1
13C4 PFOS	104		25 - 150	06/27/23 13:45	06/28/23 17:25	1
13C8 FOSA	97		10 - 150	06/27/23 13:45	06/28/23 17:25	1
d3-NMeFOSAA	96		25 - 150	06/27/23 13:45	06/28/23 17:25	1
d5-NEtFOSAA	98		25 - 150	06/27/23 13:45	06/28/23 17:25	1
d-N-MeFOSA-M	84		10 - 150	06/27/23 13:45	06/28/23 17:25	1
d-N-EtFOSA-M	80		10 - 150	06/27/23 13:45	06/28/23 17:25	1
d7-N-MeFOSE-M	82		10 - 150	06/27/23 13:45	06/28/23 17:25	1
d9-N-EtFOSE-M	72		10 - 150	06/27/23 13:45	06/28/23 17:25	1
M2-4:2 FTS	112		25 - 150	06/27/23 13:45	06/28/23 17:25	1
M2-6:2 FTS	106		25 - 150	06/27/23 13:45	06/28/23 17:25	1
M2-8:2 FTS	115		25 - 150	06/27/23 13:45	06/28/23 17:25	1
13C3 HFPO-DA	104		25 - 150	06/27/23 13:45	06/28/23 17:25	1
13C2 10:2 FTS	108		25 - 150	06/27/23 13:45	06/28/23 17:25	1

Client Sample ID: MW-14S-230607
Date Collected: 06/07/23 13:17
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-7
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**5.3**		4.6	2.2	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.8	0.45	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorohexanoic acid (PFHxA)	<0.53		1.8	0.53	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorooctanoic acid (PFOA)	<0.78		1.8	0.78	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.8	0.51	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorobutanesulfonic acid (PFBS)	**1.1**	**J**	1.8	0.18	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.8	0.28	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorohexanesulfonic acid (PFHxS)	**0.68**	**J**	1.8	0.52	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.17		1.8	0.17	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.8	0.50	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		06/27/23 13:45	06/28/23 17:35	1
Perfluorooctanesulfonamide (FOSA)	<0.90		1.8	0.90	ng/L		06/27/23 13:45	06/28/23 17:35	1
NEtFOSA	<0.80		1.8	0.80	ng/L		06/27/23 13:45	06/28/23 17:35	1
NMeFOSA	<0.39		1.8	0.39	ng/L		06/27/23 13:45	06/28/23 17:35	1
NMeFOSAA	<1.1		4.6	1.1	ng/L		06/27/23 13:45	06/28/23 17:35	1
NEtFOSAA	<1.2		4.6	1.2	ng/L		06/27/23 13:45	06/28/23 17:35	1
NMeFOSE	<1.3		3.7	1.3	ng/L		06/27/23 13:45	06/28/23 17:35	1
NEtFOSE	<0.78		1.8	0.78	ng/L		06/27/23 13:45	06/28/23 17:35	1
4:2 FTS	<0.22		1.8	0.22	ng/L		06/27/23 13:45	06/28/23 17:35	1
6:2 FTS	<2.3		4.6	2.3	ng/L		06/27/23 13:45	06/28/23 17:35	1
8:2 FTS	<0.42		1.8	0.42	ng/L		06/27/23 13:45	06/28/23 17:35	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.8	0.37	ng/L		06/27/23 13:45	06/28/23 17:35	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		06/27/23 13:45	06/28/23 17:35	1
9Cl-PF3ONS	<0.22		1.8	0.22	ng/L		06/27/23 13:45	06/28/23 17:35	1
11Cl-PF3OUdS	<0.29		1.8	0.29	ng/L		06/27/23 13:45	06/28/23 17:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*105*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*
13C5 PFPeA	*87*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*
13C2 PFHxA	*95*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*
13C4 PFHpA	*91*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*
13C4 PFOA	*102*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*
13C5 PFNA	*94*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*
13C2 PFDA	*98*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*
13C2 PFUnA	*101*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*
13C2 PFDoA	*91*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*
13C2 PFTeDA	*80*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*
13C3 PFBS	*89*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:35*	*1*

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-14S-230607
Date Collected: 06/07/23 13:17
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-7
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	98		25 - 150	06/27/23 13:45	06/28/23 17:35	1
13C4 PFOS	97		25 - 150	06/27/23 13:45	06/28/23 17:35	1
13C8 FOSA	96		10 - 150	06/27/23 13:45	06/28/23 17:35	1
d3-NMeFOSAA	90		25 - 150	06/27/23 13:45	06/28/23 17:35	1
d5-NEtFOSAA	87		25 - 150	06/27/23 13:45	06/28/23 17:35	1
d-N-MeFOSA-M	79		10 - 150	06/27/23 13:45	06/28/23 17:35	1
d-N-EtFOSA-M	73		10 - 150	06/27/23 13:45	06/28/23 17:35	1
d7-N-MeFOSE-M	74		10 - 150	06/27/23 13:45	06/28/23 17:35	1
d9-N-EtFOSE-M	69		10 - 150	06/27/23 13:45	06/28/23 17:35	1
M2-4:2 FTS	107		25 - 150	06/27/23 13:45	06/28/23 17:35	1
M2-6:2 FTS	109		25 - 150	06/27/23 13:45	06/28/23 17:35	1
M2-8:2 FTS	121		25 - 150	06/27/23 13:45	06/28/23 17:35	1
13C3 HFPO-DA	101		25 - 150	06/27/23 13:45	06/28/23 17:35	1
13C2 10:2 FTS	111		25 - 150	06/27/23 13:45	06/28/23 17:35	1

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-14I-230607
Date Collected: 06/07/23 12:42
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-8
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<7.8	C	7.8	7.8	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluoropentanoic acid (PFPeA)	<4.4	C	4.4	4.4	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorohexanoic acid (PFHxA)	**2.9**		1.9	0.54	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluoroheptanoic acid (PFHpA)	**2.2**		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorooctanoic acid (PFOA)	**11**		1.9	0.79	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorobutanesulfonic acid (PFBS)	**0.58**	**J**	1.9	0.19	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorohexanesulfonic acid (PFHxS)	**1.5**	**J**	1.9	0.53	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorooctanesulfonic acid (PFOS)	**4.3**		1.9	0.50	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.9	0.34	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		06/27/23 13:45	06/28/23 17:45	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		06/27/23 13:45	06/28/23 17:45	1
NEtFOSA	<0.81		1.9	0.81	ng/L		06/27/23 13:45	06/28/23 17:45	1
NMeFOSA	<0.40		1.9	0.40	ng/L		06/27/23 13:45	06/28/23 17:45	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		06/27/23 13:45	06/28/23 17:45	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		06/27/23 13:45	06/28/23 17:45	1
NMeFOSE	<1.3		3.7	1.3	ng/L		06/27/23 13:45	06/28/23 17:45	1
NEtFOSE	<0.79		1.9	0.79	ng/L		06/27/23 13:45	06/28/23 17:45	1
4:2 FTS	<0.22		1.9	0.22	ng/L		06/27/23 13:45	06/28/23 17:45	1
6:2 FTS	<2.3		4.7	2.3	ng/L		06/27/23 13:45	06/28/23 17:45	1
8:2 FTS	<0.43		1.9	0.43	ng/L		06/27/23 13:45	06/28/23 17:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		06/27/23 13:45	06/28/23 17:45	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		06/27/23 13:45	06/28/23 17:45	1
9Cl-PF3ONS	<0.22		1.9	0.22	ng/L		06/27/23 13:45	06/28/23 17:45	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 17:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*93*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:45*	*1*
13C5 PFPeA	*74*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:45*	*1*
13C2 PFHxA	*94*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:45*	*1*
13C4 PFHpA	*95*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:45*	*1*
13C4 PFOA	*100*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:45*	*1*
13C5 PFNA	*98*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:45*	*1*
13C2 PFDA	*94*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:45*	*1*
13C2 PFUnA	*94*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:45*	*1*
13C2 PFDoA	*96*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:45*	*1*
13C2 PFTeDA	*76*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:45*	*1*

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-14I-230607
Date Collected: 06/07/23 12:42
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-8
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	78		25 - 150	06/27/23 13:45	06/28/23 17:45	1
18O2 PFHxS	94		25 - 150	06/27/23 13:45	06/28/23 17:45	1
13C4 PFOS	94		25 - 150	06/27/23 13:45	06/28/23 17:45	1
13C8 FOSA	91		10 - 150	06/27/23 13:45	06/28/23 17:45	1
d3-NMeFOSAA	86		25 - 150	06/27/23 13:45	06/28/23 17:45	1
d5-NEtFOSAA	80		25 - 150	06/27/23 13:45	06/28/23 17:45	1
d-N-MeFOSA-M	76		10 - 150	06/27/23 13:45	06/28/23 17:45	1
d-N-EtFOSA-M	73		10 - 150	06/27/23 13:45	06/28/23 17:45	1
d7-N-MeFOSE-M	72		10 - 150	06/27/23 13:45	06/28/23 17:45	1
d9-N-EtFOSE-M	66		10 - 150	06/27/23 13:45	06/28/23 17:45	1
M2-4:2 FTS	106		25 - 150	06/27/23 13:45	06/28/23 17:45	1
M2-6:2 FTS	114		25 - 150	06/27/23 13:45	06/28/23 17:45	1
M2-8:2 FTS	108		25 - 150	06/27/23 13:45	06/28/23 17:45	1
13C3 HFPO-DA	102		25 - 150	06/27/23 13:45	06/28/23 17:45	1
13C2 10:2 FTS	106		25 - 150	06/27/23 13:45	06/28/23 17:45	1

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: DUP-01-230608
Date Collected: 06/08/23 00:00
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-9
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2.8**	**J**	4.7	2.3	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorohexanoic acid (PFHxA)	**1.0**	**J**	1.9	0.55	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluoroheptanoic acid (PFHpA)	**0.54**	**J**	1.9	0.24	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorooctanoic acid (PFOA)	**4.1**		1.9	0.80	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorobutanesulfonic acid (PFBS)	**0.64**	**J**	1.9	0.19	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluoropentanesulfonic acid (PFPeS)	**0.45**	**J**	1.9	0.28	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorohexanesulfonic acid (PFHxS)	**2.1**		1.9	0.54	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorooctanesulfonic acid (PFOS)	**2.8**		1.9	0.51	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorododecanesulfonic acid (PFDoS)	<0.91		1.9	0.91	ng/L		06/27/23 13:45	06/28/23 17:55	1
Perfluorooctanesulfonamide (FOSA)	<0.92		1.9	0.92	ng/L		06/27/23 13:45	06/28/23 17:55	1
NEtFOSA	<0.82		1.9	0.82	ng/L		06/27/23 13:45	06/28/23 17:55	1
NMeFOSA	<0.41		1.9	0.41	ng/L		06/27/23 13:45	06/28/23 17:55	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		06/27/23 13:45	06/28/23 17:55	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		06/27/23 13:45	06/28/23 17:55	1
NMeFOSE	<1.3		3.8	1.3	ng/L		06/27/23 13:45	06/28/23 17:55	1
NEtFOSE	<0.80		1.9	0.80	ng/L		06/27/23 13:45	06/28/23 17:55	1
4:2 FTS	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 17:55	1
6:2 FTS	<2.4		4.7	2.4	ng/L		06/27/23 13:45	06/28/23 17:55	1
8:2 FTS	<0.43		1.9	0.43	ng/L		06/27/23 13:45	06/28/23 17:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		06/27/23 13:45	06/28/23 17:55	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		06/27/23 13:45	06/28/23 17:55	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 17:55	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 17:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:55*	*1*
13C5 PFPeA	*83*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:55*	*1*
13C2 PFHxA	*94*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:55*	*1*
13C4 PFHpA	*98*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:55*	*1*
13C4 PFOA	*100*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:55*	*1*
13C5 PFNA	*92*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:55*	*1*
13C2 PFDA	*92*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:55*	*1*
13C2 PFUnA	*94*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:55*	*1*
13C2 PFDoA	*89*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:55*	*1*
13C2 PFTeDA	*81*		*25 - 150*	*06/27/23 13:45*	*06/28/23 17:55*	*1*

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: DUP-01-230608
Date Collected: 06/08/23 00:00
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-9
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	74		25 - 150	06/27/23 13:45	06/28/23 17:55	1
18O2 PFHxS	97		25 - 150	06/27/23 13:45	06/28/23 17:55	1
13C4 PFOS	91		25 - 150	06/27/23 13:45	06/28/23 17:55	1
13C8 FOSA	88		10 - 150	06/27/23 13:45	06/28/23 17:55	1
d3-NMeFOSAA	88		25 - 150	06/27/23 13:45	06/28/23 17:55	1
d5-NEtFOSAA	86		25 - 150	06/27/23 13:45	06/28/23 17:55	1
d-N-MeFOSA-M	78		10 - 150	06/27/23 13:45	06/28/23 17:55	1
d-N-EtFOSA-M	74		10 - 150	06/27/23 13:45	06/28/23 17:55	1
d7-N-MeFOSE-M	70		10 - 150	06/27/23 13:45	06/28/23 17:55	1
d9-N-EtFOSE-M	65		10 - 150	06/27/23 13:45	06/28/23 17:55	1
M2-4:2 FTS	104		25 - 150	06/27/23 13:45	06/28/23 17:55	1
M2-6:2 FTS	110		25 - 150	06/27/23 13:45	06/28/23 17:55	1
M2-8:2 FTS	114		25 - 150	06/27/23 13:45	06/28/23 17:55	1
13C3 HFPO-DA	98		25 - 150	06/27/23 13:45	06/28/23 17:55	1
13C2 10:2 FTS	99		25 - 150	06/27/23 13:45	06/28/23 17:55	1

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: RB-01-230608
Date Collected: 06/08/23 14:00
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-10
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.7	2.2	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorooctanoic acid (PFOA)	<0.79		1.9	0.79	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.9	0.53	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.9	0.50	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorododecanesulfonic acid (PFDoS)	<0.91		1.9	0.91	ng/L		06/27/23 13:45	06/28/23 18:06	1
Perfluorooctanesulfonamide (FOSA)	<0.92		1.9	0.92	ng/L		06/27/23 13:45	06/28/23 18:06	1
NEtFOSA	<0.81		1.9	0.81	ng/L		06/27/23 13:45	06/28/23 18:06	1
NMeFOSA	<0.40		1.9	0.40	ng/L		06/27/23 13:45	06/28/23 18:06	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		06/27/23 13:45	06/28/23 18:06	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		06/27/23 13:45	06/28/23 18:06	1
NMeFOSE	<1.3		3.7	1.3	ng/L		06/27/23 13:45	06/28/23 18:06	1
NEtFOSE	<0.79		1.9	0.79	ng/L		06/27/23 13:45	06/28/23 18:06	1
4:2 FTS	<0.22		1.9	0.22	ng/L		06/27/23 13:45	06/28/23 18:06	1
6:2 FTS	<2.3		4.7	2.3	ng/L		06/27/23 13:45	06/28/23 18:06	1
8:2 FTS	<0.43		1.9	0.43	ng/L		06/27/23 13:45	06/28/23 18:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		06/27/23 13:45	06/28/23 18:06	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		06/27/23 13:45	06/28/23 18:06	1
9Cl-PF3ONS	<0.22		1.9	0.22	ng/L		06/27/23 13:45	06/28/23 18:06	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 18:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
13C5 PFPeA	*91*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
13C2 PFHxA	*100*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
13C4 PFHpA	*97*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
13C4 PFOA	*99*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
13C5 PFNA	*96*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
13C2 PFDA	*103*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
13C2 PFUnA	*103*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
13C2 PFDoA	*95*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
13C2 PFTeDA	*81*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
13C3 PFBS	*96*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*
18O2 PFHxS	*101*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:06*	*1*

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: RB-01-230608
Date Collected: 06/08/23 14:00
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-10
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	96		25 - 150	06/27/23 13:45	06/28/23 18:06	1
13C8 FOSA	88		10 - 150	06/27/23 13:45	06/28/23 18:06	1
d3-NMeFOSAA	91		25 - 150	06/27/23 13:45	06/28/23 18:06	1
d5-NEtFOSAA	87		25 - 150	06/27/23 13:45	06/28/23 18:06	1
d-N-MeFOSA-M	79		10 - 150	06/27/23 13:45	06/28/23 18:06	1
d-N-EtFOSA-M	76		10 - 150	06/27/23 13:45	06/28/23 18:06	1
d7-N-MeFOSE-M	74		10 - 150	06/27/23 13:45	06/28/23 18:06	1
d9-N-EtFOSE-M	67		10 - 150	06/27/23 13:45	06/28/23 18:06	1
M2-4:2 FTS	114		25 - 150	06/27/23 13:45	06/28/23 18:06	1
M2-6:2 FTS	111		25 - 150	06/27/23 13:45	06/28/23 18:06	1
M2-8:2 FTS	118		25 - 150	06/27/23 13:45	06/28/23 18:06	1
13C3 HFPO-DA	98		25 - 150	06/27/23 13:45	06/28/23 18:06	1
13C2 10:2 FTS	107		25 - 150	06/27/23 13:45	06/28/23 18:06	1

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: EB-01-230608
Date Collected: 06/08/23 14:05
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-11
Matrix: Water

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.7	2.2	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.9	0.23	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorooctanoic acid (PFOA)	<0.79		1.9	0.79	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.9	0.53	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.9	0.50	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorododecanesulfonic acid (PFDoS)	<0.91		1.9	0.91	ng/L		06/27/23 13:45	06/28/23 18:16	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		06/27/23 13:45	06/28/23 18:16	1
NEtFOSA	<0.81		1.9	0.81	ng/L		06/27/23 13:45	06/28/23 18:16	1
NMeFOSA	<0.40		1.9	0.40	ng/L		06/27/23 13:45	06/28/23 18:16	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		06/27/23 13:45	06/28/23 18:16	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		06/27/23 13:45	06/28/23 18:16	1
NMeFOSE	<1.3		3.7	1.3	ng/L		06/27/23 13:45	06/28/23 18:16	1
NEtFOSE	<0.79		1.9	0.79	ng/L		06/27/23 13:45	06/28/23 18:16	1
4:2 FTS	<0.22		1.9	0.22	ng/L		06/27/23 13:45	06/28/23 18:16	1
6:2 FTS	<2.3		4.7	2.3	ng/L		06/27/23 13:45	06/28/23 18:16	1
8:2 FTS	<0.43		1.9	0.43	ng/L		06/27/23 13:45	06/28/23 18:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		06/27/23 13:45	06/28/23 18:16	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		06/27/23 13:45	06/28/23 18:16	1
9Cl-PF3ONS	<0.22		1.9	0.22	ng/L		06/27/23 13:45	06/28/23 18:16	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		06/27/23 13:45	06/28/23 18:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*98*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
13C5 PFPeA	*91*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
13C2 PFHxA	*104*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
13C4 PFHpA	*95*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
13C4 PFOA	*101*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
13C5 PFNA	*99*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
13C2 PFDA	*103*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
13C2 PFUnA	*105*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
13C2 PFDoA	*94*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
13C2 PFTeDA	*79*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
13C3 PFBS	*91*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*
18O2 PFHxS	*102*		*25 - 150*	*06/27/23 13:45*	*06/28/23 18:16*	*1*

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: EB-01-230608
Date Collected: 06/08/23 14:05
Date Received: 06/10/23 09:15

Lab Sample ID: 500-235101-11
Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	92		25 - 150	06/27/23 13:45	06/28/23 18:16	1
13C8 FOSA	84		10 - 150	06/27/23 13:45	06/28/23 18:16	1
d3-NMeFOSAA	99		25 - 150	06/27/23 13:45	06/28/23 18:16	1
d5-NEtFOSAA	89		25 - 150	06/27/23 13:45	06/28/23 18:16	1
d-N-MeFOSA-M	76		10 - 150	06/27/23 13:45	06/28/23 18:16	1
d-N-EtFOSA-M	78		10 - 150	06/27/23 13:45	06/28/23 18:16	1
d7-N-MeFOSE-M	76		10 - 150	06/27/23 13:45	06/28/23 18:16	1
d9-N-EtFOSE-M	74		10 - 150	06/27/23 13:45	06/28/23 18:16	1
M2-4:2 FTS	118		25 - 150	06/27/23 13:45	06/28/23 18:16	1
M2-6:2 FTS	111		25 - 150	06/27/23 13:45	06/28/23 18:16	1
M2-8:2 FTS	112		25 - 150	06/27/23 13:45	06/28/23 18:16	1
13C3 HFPO-DA	103		25 - 150	06/27/23 13:45	06/28/23 18:16	1
13C2 10:2 FTS	108		25 - 150	06/27/23 13:45	06/28/23 18:16	1

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Qualifiers

LCMS

Qualifier	Qualifier Description
C	See Case Narrative
J	Reported value was between the limit of detection and the limit of quantitation.

Glossary

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

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

LCMS

Prep Batch: 686390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-235101-1	MW-3D-230607	Total/NA	Water	3535	
500-235101-2	MW-7I-230607	Total/NA	Water	3535	
500-235101-3	MW-9S-230608	Total/NA	Water	3535	
500-235101-4	MW-9I-230608	Total/NA	Water	3535	
500-235101-5	MW-10S-230608	Total/NA	Water	3535	
500-235101-6	MW-10I-230608	Total/NA	Water	3535	
500-235101-7	MW-14S-230607	Total/NA	Water	3535	
500-235101-8	MW-14I-230607	Total/NA	Water	3535	
500-235101-9	DUP-01-230608	Total/NA	Water	3535	
500-235101-10	RB-01-230608	Total/NA	Water	3535	
500-235101-11	EB-01-230608	Total/NA	Water	3535	
MB 320-686390/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-686390/2-A	Lab Control Sample	Total/NA	Water	3535	
500-235101-5 MS	MW-10S-230608	Total/NA	Water	3535	
500-235101-5 MSD	MW-10S-230608	Total/NA	Water	3535	

Analysis Batch: 686740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-235101-1	MW-3D-230607	Total/NA	Water	537 (modified)	686390
500-235101-2	MW-7I-230607	Total/NA	Water	537 (modified)	686390
500-235101-3	MW-9S-230608	Total/NA	Water	537 (modified)	686390
500-235101-4	MW-9I-230608	Total/NA	Water	537 (modified)	686390
500-235101-6	MW-10I-230608	Total/NA	Water	537 (modified)	686390
500-235101-7	MW-14S-230607	Total/NA	Water	537 (modified)	686390
500-235101-8	MW-14I-230607	Total/NA	Water	537 (modified)	686390
500-235101-9	DUP-01-230608	Total/NA	Water	537 (modified)	686390
500-235101-10	RB-01-230608	Total/NA	Water	537 (modified)	686390
500-235101-11	EB-01-230608	Total/NA	Water	537 (modified)	686390
MB 320-686390/1-A	Method Blank	Total/NA	Water	537 (modified)	686390
LCS 320-686390/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	686390

Analysis Batch: 687131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-235101-5	MW-10S-230608	Total/NA	Water	537 (modified)	686390
500-235101-5 MS	MW-10S-230608	Total/NA	Water	537 (modified)	686390
500-235101-5 MSD	MW-10S-230608	Total/NA	Water	537 (modified)	686390

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-686390/1-A
Matrix: Water
Analysis Batch: 686740

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 686390

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		06/27/23 13:45	06/28/23 15:11	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		06/27/23 13:45	06/28/23 15:11	1
NEtFOSA	<0.87		2.0	0.87	ng/L		06/27/23 13:45	06/28/23 15:11	1
NMeFOSA	<0.43		2.0	0.43	ng/L		06/27/23 13:45	06/28/23 15:11	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		06/27/23 13:45	06/28/23 15:11	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		06/27/23 13:45	06/28/23 15:11	1
NMeFOSE	<1.4		4.0	1.4	ng/L		06/27/23 13:45	06/28/23 15:11	1
NEtFOSE	<0.85		2.0	0.85	ng/L		06/27/23 13:45	06/28/23 15:11	1
4:2 FTS	<0.24		2.0	0.24	ng/L		06/27/23 13:45	06/28/23 15:11	1
6:2 FTS	<2.5		5.0	2.5	ng/L		06/27/23 13:45	06/28/23 15:11	1
8:2 FTS	<0.46		2.0	0.46	ng/L		06/27/23 13:45	06/28/23 15:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		06/27/23 13:45	06/28/23 15:11	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		06/27/23 13:45	06/28/23 15:11	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		06/27/23 13:45	06/28/23 15:11	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		06/27/23 13:45	06/28/23 15:11	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:11*	*1*
13C5 PFPeA	*97*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:11*	*1*
13C2 PFHxA	*97*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:11*	*1*
13C4 PFHpA	*97*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:11*	*1*
13C4 PFOA	*103*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:11*	*1*
13C5 PFNA	*101*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:11*	*1*
13C2 PFDA	*99*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:11*	*1*
13C2 PFUnA	*105*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:11*	*1*
13C2 PFDoA	*90*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:11*	*1*
13C2 PFTeDA	*83*		*25 - 150*	*06/27/23 13:45*	*06/28/23 15:11*	*1*

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

Lab Sample ID: MB 320-686390/1-A
Matrix: Water
Analysis Batch: 686740

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 686390

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	99		25 - 150	06/27/23 13:45	06/28/23 15:11	1
18O2 PFHxS	108		25 - 150	06/27/23 13:45	06/28/23 15:11	1
13C4 PFOS	102		25 - 150	06/27/23 13:45	06/28/23 15:11	1
13C8 FOSA	93		10 - 150	06/27/23 13:45	06/28/23 15:11	1
d3-NMeFOSAA	97		25 - 150	06/27/23 13:45	06/28/23 15:11	1
d5-NEtFOSAA	91		25 - 150	06/27/23 13:45	06/28/23 15:11	1
d-N-MeFOSA-M	74		10 - 150	06/27/23 13:45	06/28/23 15:11	1
d-N-EtFOSA-M	72		10 - 150	06/27/23 13:45	06/28/23 15:11	1
d7-N-MeFOSE-M	75		10 - 150	06/27/23 13:45	06/28/23 15:11	1
d9-N-EtFOSE-M	68		10 - 150	06/27/23 13:45	06/28/23 15:11	1
M2-4:2 FTS	116		25 - 150	06/27/23 13:45	06/28/23 15:11	1
M2-6:2 FTS	119		25 - 150	06/27/23 13:45	06/28/23 15:11	1
M2-8:2 FTS	115		25 - 150	06/27/23 13:45	06/28/23 15:11	1
13C3 HFPO-DA	99		25 - 150	06/27/23 13:45	06/28/23 15:11	1
13C2 10:2 FTS	114		25 - 150	06/27/23 13:45	06/28/23 15:11	1

Lab Sample ID: LCS 320-686390/2-A
Matrix: Water
Analysis Batch: 686740

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 686390

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	40.0	46.6		ng/L		117	60 - 135
Perfluoropentanoic acid (PFPeA)	40.0	42.8		ng/L		107	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	43.3		ng/L		108	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	40.6		ng/L		101	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	39.7		ng/L		99	60 - 135
Perfluorononanoic acid (PFNA)	40.0	44.8		ng/L		112	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	39.0		ng/L		98	60 - 135
Perfluoroundecanoic acid (PFUnA)	40.0	41.1		ng/L		103	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	37.3		ng/L		93	60 - 135
Perfluorotridecanoic acid (PFTrDA)	40.0	38.4		ng/L		96	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	52.0		ng/L		130	60 - 135
Perfluorobutanesulfonic acid (PFBS)	35.5	37.2		ng/L		105	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.6	42.0		ng/L		112	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.5	36.0		ng/L		99	60 - 135
Perfluoroheptanesulfonic acid (PFHpS)	38.2	41.6		ng/L		109	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.2	36.8		ng/L		99	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.5	41.2		ng/L		107	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	39.4		ng/L		102	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.8	38.3		ng/L		99	60 - 135

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

Lab Sample ID: LCS 320-686390/2-A
Matrix: Water
Analysis Batch: 686740

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 686390

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonamide (FOSA)	40.0	40.7		ng/L		102	60 - 135
NEtFOSA	40.0	41.1		ng/L		103	60 - 135
NMeFOSA	40.0	43.4		ng/L		108	60 - 135
NMeFOSAA	40.0	44.7		ng/L		112	60 - 135
NEtFOSAA	40.0	40.2		ng/L		101	60 - 135
NMeFOSE	40.0	40.9		ng/L		102	60 - 135
NEtFOSE	40.0	44.3		ng/L		111	60 - 135
4:2 FTS	37.5	37.3		ng/L		99	60 - 135
6:2 FTS	38.1	37.7		ng/L		99	60 - 135
8:2 FTS	38.4	37.7		ng/L		98	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	39.9		ng/L		105	60 - 135
HFPO-DA (GenX)	40.0	42.7		ng/L		107	60 - 135
9Cl-PF3ONS	37.4	38.0		ng/L		102	60 - 135
11Cl-PF3OUdS	37.8	39.0		ng/L		103	60 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*105*		*25 - 150*
13C5 PFPeA	*85*		*25 - 150*
13C2 PFHxA	*93*		*25 - 150*
13C4 PFHpA	*98*		*25 - 150*
13C4 PFOA	*103*		*25 - 150*
13C5 PFNA	*93*		*25 - 150*
13C2 PFDA	*100*		*25 - 150*
13C2 PFUnA	*102*		*25 - 150*
13C2 PFDoA	*98*		*25 - 150*
13C2 PFTeDA	*81*		*25 - 150*
13C3 PFBS	*90*		*25 - 150*
18O2 PFHxS	*100*		*25 - 150*
13C4 PFOS	*94*		*25 - 150*
13C8 FOSA	*89*		*10 - 150*
d3-NMeFOSAA	*90*		*25 - 150*
d5-NEtFOSAA	*94*		*25 - 150*
d-N-MeFOSA-M	*74*		*10 - 150*
d-N-EtFOSA-M	*75*		*10 - 150*
d7-N-MeFOSE-M	*79*		*10 - 150*
d9-N-EtFOSE-M	*76*		*10 - 150*
M2-4:2 FTS	*104*		*25 - 150*
M2-6:2 FTS	*117*		*25 - 150*
M2-8:2 FTS	*116*		*25 - 150*
13C3 HFPO-DA	*98*		*25 - 150*
13C2 10:2 FTS	*119*		*25 - 150*

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

Lab Sample ID: 500-235101-5 MS
Matrix: Water
Analysis Batch: 687131

Client Sample ID: MW-10S-230608
Prep Type: Total/NA
Prep Batch: 686390

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	<2.2		38.1	43.7		ng/L		115	70 - 130
Perfluoropentanoic acid (PFPeA)	<0.46		38.1	41.2		ng/L		108	70 - 130
Perfluorohexanoic acid (PFHxA)	<0.54		38.1	40.0		ng/L		105	70 - 130
Perfluoroheptanoic acid (PFHpA)	<0.23		38.1	40.7		ng/L		107	70 - 130
Perfluorooctanoic acid (PFOA)	<0.79		38.1	38.6		ng/L		101	70 - 130
Perfluorononanoic acid (PFNA)	<0.25		38.1	40.0		ng/L		105	70 - 130
Perfluorodecanoic acid (PFDA)	<0.29		38.1	36.7		ng/L		96	70 - 130
Perfluoroundecanoic acid (PFUnA)	<1.0		38.1	36.5		ng/L		96	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.51		38.1	36.5		ng/L		96	70 - 130
Perfluorotridecanoic acid (PFTrDA)	<1.2		38.1	39.5		ng/L		104	70 - 130
Perfluorotetradecanoic acid (PFTeA)	<0.68		38.1	40.4		ng/L		106	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.19		33.8	34.2		ng/L		101	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.28		35.8	35.0		ng/L		98	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	<0.53		34.7	33.5		ng/L		97	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		36.3	37.5		ng/L		103	70 - 130
Perfluorooctanesulfonic acid (PFOS)	<0.50		35.4	36.6		ng/L		104	70 - 130
Perfluorononanesulfonic acid (PFNS)	<0.34		36.6	37.1		ng/L		101	70 - 130
Perfluorodecanesulfonic acid (PFDS)	<0.30		36.7	37.8		ng/L		103	70 - 130
Perfluorododecanesulfonic acid (PFDoS)	<0.90		36.9	37.7		ng/L		102	70 - 130
Perfluorooctanesulfonamide (FOSA)	<0.91		38.1	39.5		ng/L		104	70 - 130
NEtFOSA	<0.81		38.1	42.2		ng/L		111	70 - 130
NMeFOSA	<0.40		38.1	42.7		ng/L		112	70 - 130
NMeFOSAA	<1.1		38.1	40.8		ng/L		107	70 - 130
NEtFOSAA	<1.2		38.1	42.3		ng/L		111	70 - 130
NMeFOSE	<1.3		38.1	39.3		ng/L		103	70 - 130
NEtFOSE	<0.79		38.1	41.2		ng/L		108	70 - 130
4:2 FTS	<0.22		35.7	32.8		ng/L		92	70 - 130
6:2 FTS	<2.3		36.2	41.0		ng/L		113	70 - 130
8:2 FTS	<0.43		36.5	39.6		ng/L		108	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		36.0	46.4		ng/L		129	70 - 130
HFPO-DA (GenX)	<1.4		38.1	42.3		ng/L		111	70 - 130
9Cl-PF3ONS	<0.22		35.6	37.1		ng/L		104	70 - 130
11Cl-PF3OUdS	<0.30		35.9	35.6		ng/L		99	70 - 130

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*90*		*25 - 150*
13C5 PFPeA	*93*		*25 - 150*
13C2 PFHxA	*92*		*25 - 150*

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

Lab Sample ID: 500-235101-5 MS
Matrix: Water
Analysis Batch: 687131

Client Sample ID: MW-10S-230608
Prep Type: Total/NA
Prep Batch: 686390

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFHpA	91		25 - 150
13C4 PFOA	98		25 - 150
13C5 PFNA	93		25 - 150
13C2 PFDA	96		25 - 150
13C2 PFUnA	93		25 - 150
13C2 PFDoA	93		25 - 150
13C2 PFTeDA	88		25 - 150
13C3 PFBS	90		25 - 150
18O2 PFHxS	91		25 - 150
13C4 PFOS	85		25 - 150
13C8 FOSA	99		10 - 150
d3-NMeFOSAA	107		25 - 150
d5-NEtFOSAA	106		25 - 150
d-N-MeFOSA-M	83		10 - 150
d-N-EtFOSA-M	78		10 - 150
d7-N-MeFOSE-M	88		10 - 150
d9-N-EtFOSE-M	81		10 - 150
M2-4:2 FTS	82		25 - 150
M2-6:2 FTS	72		25 - 150
M2-8:2 FTS	76		25 - 150
13C3 HFPO-DA	86		25 - 150
13C2 10:2 FTS	91		25 - 150

Lab Sample ID: 500-235101-5 MSD
Matrix: Water
Analysis Batch: 687131

Client Sample ID: MW-10S-230608
Prep Type: Total/NA
Prep Batch: 686390

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	<2.2		37.6	43.6		ng/L		116	70 - 130	0	30
Perfluoropentanoic acid (PFPeA)	<0.46		37.6	41.2		ng/L		109	70 - 130	0	30
Perfluorohexanoic acid (PFHxA)	<0.54		37.6	37.9		ng/L		101	70 - 130	5	30
Perfluoroheptanoic acid (PFHpA)	<0.23		37.6	39.2		ng/L		104	70 - 130	4	30
Perfluorooctanoic acid (PFOA)	<0.79		37.6	36.4		ng/L		97	70 - 130	6	30
Perfluorononanoic acid (PFNA)	<0.25		37.6	38.0		ng/L		101	70 - 130	5	30
Perfluorodecanoic acid (PFDA)	<0.29		37.6	37.7		ng/L		100	70 - 130	3	30
Perfluoroundecanoic acid (PFUnA)	<1.0		37.6	38.9		ng/L		103	70 - 130	6	30
Perfluorododecanoic acid (PFDoA)	<0.51		37.6	36.2		ng/L		96	70 - 130	1	30
Perfluorotridecanoic acid (PFTrDA)	<1.2		37.6	38.7		ng/L		103	70 - 130	2	30
Perfluorotetradecanoic acid (PFTeA)	<0.68		37.6	38.4		ng/L		102	70 - 130	5	30
Perfluorobutanesulfonic acid (PFBS)	<0.19		33.4	36.1		ng/L		108	70 - 130	5	30
Perfluoropentanesulfonic acid (PFPeS)	<0.28		35.4	38.1		ng/L		108	70 - 130	8	30
Perfluorohexanesulfonic acid (PFHxS)	<0.53		34.3	33.5		ng/L		98	70 - 130	0	30
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		35.9	35.2		ng/L		98	70 - 130	6	30

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

Lab Sample ID: 500-235101-5 MSD
Matrix: Water
Analysis Batch: 687131

Client Sample ID: MW-10S-230608
Prep Type: Total/NA
Prep Batch: 686390

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonic acid (PFOS)	<0.50		35.0	32.7		ng/L		94	70 - 130	11	30
Perfluorononanesulfonic acid (PFNS)	<0.34		36.2	33.4		ng/L		92	70 - 130	11	30
Perfluorodecanesulfonic acid (PFDS)	<0.30		36.3	33.1		ng/L		91	70 - 130	13	30
Perfluorododecanesulfonic acid (PFDoS)	<0.90		36.5	32.9		ng/L		90	70 - 130	13	30
Perfluorooctanesulfonamide (FOSA)	<0.91		37.6	38.8		ng/L		103	70 - 130	2	30
NEtFOSA	<0.81		37.6	40.1		ng/L		107	70 - 130	5	30
NMeFOSA	<0.40		37.6	39.6		ng/L		105	70 - 130	8	30
NMeFOSAA	<1.1		37.6	38.5		ng/L		102	70 - 130	6	30
NEtFOSAA	<1.2		37.6	37.5		ng/L		100	70 - 130	12	30
NMeFOSE	<1.3		37.6	39.2		ng/L		104	70 - 130	0	30
NEtFOSE	<0.79		37.6	39.3		ng/L		105	70 - 130	5	30
4:2 FTS	<0.22		35.3	33.9		ng/L		96	70 - 130	3	30
6:2 FTS	<2.3		35.8	35.7		ng/L		100	70 - 130	14	30
8:2 FTS	<0.43		36.1	35.3		ng/L		98	70 - 130	12	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		35.6	38.3		ng/L		108	70 - 130	19	30
HFPO-DA (GenX)	<1.4		37.6	38.5		ng/L		102	70 - 130	9	30
9Cl-PF3ONS	<0.22		35.1	31.5		ng/L		90	70 - 130	16	30
11Cl-PF3OUdS	<0.30		35.5	31.6		ng/L		89	70 - 130	12	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*92*		*25 - 150*
13C5 PFPeA	*99*		*25 - 150*
13C2 PFHxA	*99*		*25 - 150*
13C4 PFHpA	*103*		*25 - 150*
13C4 PFOA	*103*		*25 - 150*
13C5 PFNA	*102*		*25 - 150*
13C2 PFDA	*91*		*25 - 150*
13C2 PFUnA	*95*		*25 - 150*
13C2 PFDoA	*96*		*25 - 150*
13C2 PFTeDA	*93*		*25 - 150*
13C3 PFBS	*91*		*25 - 150*
18O2 PFHxS	*102*		*25 - 150*
13C4 PFOS	*101*		*25 - 150*
13C8 FOSA	*105*		*10 - 150*
d3-NMeFOSAA	*114*		*25 - 150*
d5-NEtFOSAA	*114*		*25 - 150*
d-N-MeFOSA-M	*88*		*10 - 150*
d-N-EtFOSA-M	*83*		*10 - 150*
d7-N-MeFOSE-M	*86*		*10 - 150*
d9-N-EtFOSE-M	*85*		*10 - 150*
M2-4:2 FTS	*87*		*25 - 150*
M2-6:2 FTS	*84*		*25 - 150*
M2-8:2 FTS	*81*		*25 - 150*
13C3 HFPO-DA	*89*		*25 - 150*

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

Lab Sample ID: 500-235101-5 MSD
Matrix: Water
Analysis Batch: 687131

Client Sample ID: MW-10S-230608
Prep Type: Total/NA
Prep Batch: 686390

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C2 10:2 FTS	89		25 - 150

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-3D-230607
Lab Sample ID: 500-235101-1
Date Collected: 06/07/23 10:52
Matrix: Water
Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	686740	S1C	EET SAC	06/28/23 15:52

Client Sample ID: MW-7I-230607
Lab Sample ID: 500-235101-2
Date Collected: 06/07/23 11:55
Matrix: Water
Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	686740	S1C	EET SAC	06/28/23 16:02

Client Sample ID: MW-9S-230608
Lab Sample ID: 500-235101-3
Date Collected: 06/08/23 11:33
Matrix: Water
Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	686740	S1C	EET SAC	06/28/23 16:13

Client Sample ID: MW-9I-230608
Lab Sample ID: 500-235101-4
Date Collected: 06/08/23 10:46
Matrix: Water
Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	686740	S1C	EET SAC	06/28/23 16:23

Client Sample ID: MW-10S-230608
Lab Sample ID: 500-235101-5
Date Collected: 06/08/23 12:40
Matrix: Water
Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	687131	D1R	EET SAC	06/29/23 22:11

Client Sample ID: MW-10I-230608
Lab Sample ID: 500-235101-6
Date Collected: 06/08/23 13:13
Matrix: Water
Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	686740	S1C	EET SAC	06/28/23 17:25

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Client Sample ID: MW-14S-230607

Lab Sample ID: 500-235101-7

Date Collected: 06/07/23 13:17

Matrix: Water

Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	686740	S1C	EET SAC	06/28/23 17:35

Client Sample ID: MW-14I-230607

Lab Sample ID: 500-235101-8

Date Collected: 06/07/23 12:42

Matrix: Water

Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	686740	S1C	EET SAC	06/28/23 17:45

Client Sample ID: DUP-01-230608

Lab Sample ID: 500-235101-9

Date Collected: 06/08/23 00:00

Matrix: Water

Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	686740	S1C	EET SAC	06/28/23 17:55

Client Sample ID: RB-01-230608

Lab Sample ID: 500-235101-10

Date Collected: 06/08/23 14:00

Matrix: Water

Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	686740	S1C	EET SAC	06/28/23 18:06

Client Sample ID: EB-01-230608

Lab Sample ID: 500-235101-11

Date Collected: 06/08/23 14:05

Matrix: Water

Date Received: 06/10/23 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3535			686390	SEY	EET SAC	06/27/23 13:45
Total/NA	Analysis	537 (modified)		1	686740	S1C	EET SAC	06/28/23 18:16

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 500-235101-1
Project/Site: Stoughton LF PFAS

Laboratory: Eurofins Sacramento

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998204680	08-31-23

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Wesley Braga	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-113305-46831.1
Client Contact: Wes Braga	Phone: 608-234-7374	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: TRC Environmental Corporation	PWSID:	Analysis Requested		Job #:
Address: 999 Fourier Drive, Suite 101	Due Date Requested:			Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:
City: Madison	TAT Requested (days):			
State, Zip: WI, 53717	Compliance Project: Δ Yes Δ No			
Phone: 608-234-7374	PO #: Purchase Order Requested			
Email: WBraga@trccompanies.com	WO #:			
Project Name: Stoughton LF PFAS	Project #: 50017448			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA_WI - PFAS, Standard List (33 analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
MW-3D-230607	6/7/23	1052	G	Water	N		X		
MW-7I-230607	6/7/23	1155	G	Water	N		X		
MW-9S-230608	6/8/23	1133	G	Water	N		X		
MW-9I-230608	6/8/23	1046	G	Water	N		X		
MW-10S-230608	6/8/23	1240	G	Water	N		X		
MW-10I-230608	6/8/23	1318	G	Water	N	Y	X		MS/MSD
MW-14S-230607	6/7/23	1317	G	Water	N		X		
MW-14I-230607	6/7/23	1242	G	Water	N		X		
DUP-01-230608	6/8/23	-	G	Water	N		X		
RB-01-230608	6/8/23	1400	G	Water	N		X		
EB-01-230608	6/8/23	1405	G	Water	N		X		

500-235101 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by: Wesley Braga	Date/Time: 6/9/23 1645	Company: TRC	Received by:	Date/Time: 6/10/23 0915	Company: EGI SAC
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 2159309 | Cooler Temperature(s) °C and Other Remarks: 4.6 °C

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-235101-1
SDG Number:

Login Number: 235101
List Number: 2
Creator: Fisher, Jamyiah L

List Source: Eurofins Sacramento
List Creation: 06/12/23 11:29 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	2159309/2159308
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing TestAmerica

Sacramento
Sample Receiving Notes

500-235101 Field Sheet

Job: _____

Tracking # : 6483 4233 3276

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

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

Therm. ID: 102 Corr. Factor: (+ / -) 0.0 °C

Ice ✓ Wet ✓ Gel _____ Other _____

Cooler Custody Seal: 2159309 / 2159308

Cooler ID: ~~3159~~ 2m 6/10/23

Temp Observed: 4.6 °C Corrected: 4.4 °C

From: Temp Blank ☐ Sample ☒

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☒	☐
Cooler Temperature is acceptable?	☒	☐	☐
Frozen samples show signs of thaw?	☐	☐	☒

Initials: MM Date: 6/10/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☐	☒	☐
Samples compromised/tampered with?	☐	☒	☐
Containers are not broken or leaking?	☒	☐	☐
Sample custody seal?	☐	☐	☒
Sample containers have legible labels?	☒	☐	☐
Sample date/times are provided?	☒	☐	☐
Appropriate containers are used?	☒	☐	☐
Sample bottles are completely filled?	☒	☐	☐
Sample preservatives verified?	☐	☐	☒
Is the Field Sampler's name on COC?	☒	☐	☐
Samples require splitting/compositing?	☐	☐	☒
Samples w/o discrepancies?	☒	☐	☐
Zero headspace?*	☐	☐	☒
Alkalinity has no headspace?	☐	☐	☒
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☒
Multiphasic samples are not present?	☒	☐	☐

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

Initials: JF Date: 6/12/23

Notes: MS/MSD was for sample #5 not sample #6

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☒	☐	☐
Samples received within hold time?	☒	☐	☐
NCM Filed?	☒	☐	☐
Log Release checked in TALS?	☒	☐	☐

Initials: JF Date: 6/13/23

Isotope Dilution Summary

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
500-235101-1	MW-3D-230607	96	89	97	95	101	99	97	103
500-235101-2	MW-7I-230607	106	88	105	96	102	95	101	104
500-235101-3	MW-9S-230608	83	83	98	95	95	95	94	89
500-235101-4	MW-9I-230608	109	87	99	93	98	94	97	100
500-235101-5	MW-10S-230608	87	94	90	97	100	98	90	87
500-235101-5 MS	MW-10S-230608	90	93	92	91	98	93	96	93
500-235101-5 MSD	MW-10S-230608	92	99	99	103	103	102	91	95
500-235101-6	MW-10I-230608	110	87	103	106	104	104	102	104
500-235101-7	MW-14S-230607	105	87	95	91	102	94	98	101
500-235101-8	MW-14I-230607	93	74	94	95	100	98	94	94
500-235101-9	DUP-01-230608	96	83	94	98	100	92	92	94
500-235101-10	RB-01-230608	104	91	100	97	99	96	103	103
500-235101-11	EB-01-230608	98	91	104	95	101	99	103	105
LCS 320-686390/2-A	Lab Control Sample	105	85	93	98	103	93	100	102
MB 320-686390/1-A	Method Blank	94	97	97	97	103	101	99	105

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
500-235101-1	MW-3D-230607	97	91	98	109	95	92	96	90
500-235101-2	MW-7I-230607	98	81	98	103	98	97	93	91
500-235101-3	MW-9S-230608	81	68	76	100	95	91	83	90
500-235101-4	MW-9I-230608	82	79	85	104	95	96	86	86
500-235101-5	MW-10S-230608	91	93	95	88	89	103	98	112
500-235101-5 MS	MW-10S-230608	93	88	90	91	85	99	107	106
500-235101-5 MSD	MW-10S-230608	96	93	91	102	101	105	114	114
500-235101-6	MW-10I-230608	99	86	94	115	104	97	96	98
500-235101-7	MW-14S-230607	91	80	89	98	97	96	90	87
500-235101-8	MW-14I-230607	96	76	78	94	94	91	86	80
500-235101-9	DUP-01-230608	89	81	74	97	91	88	88	86
500-235101-10	RB-01-230608	95	81	96	101	96	88	91	87
500-235101-11	EB-01-230608	94	79	91	102	92	84	99	89
LCS 320-686390/2-A	Lab Control Sample	98	81	90	100	94	89	90	94
MB 320-686390/1-A	Method Blank	90	83	99	108	102	93	97	91

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	dMeFOSA (10-150)	dEtFOSA (10-150)	NMFM (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
500-235101-1	MW-3D-230607	82	83	74	74	117	115	116	99
500-235101-2	MW-7I-230607	84	81	78	73	112	109	114	100
500-235101-3	MW-9S-230608	72	71	69	65	114	118	113	101
500-235101-4	MW-9I-230608	73	76	73	69	103	115	114	102
500-235101-5	MW-10S-230608	82	83	89	80	76	81	78	97
500-235101-5 MS	MW-10S-230608	83	78	88	81	82	72	76	86
500-235101-5 MSD	MW-10S-230608	88	83	86	85	87	84	81	89
500-235101-6	MW-10I-230608	84	80	82	72	112	106	115	104
500-235101-7	MW-14S-230607	79	73	74	69	107	109	121	101
500-235101-8	MW-14I-230607	76	73	72	66	106	114	108	102
500-235101-9	DUP-01-230608	78	74	70	65	104	110	114	98
500-235101-10	RB-01-230608	79	76	74	67	114	111	118	98
500-235101-11	EB-01-230608	76	78	76	74	118	111	112	103

Isotope Dilution Summary

Client: TRC Environmental Corporation
Project/Site: Stoughton LF PFAS

Job ID: 500-235101-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	dMeFOSA (10-150)	dEtFOSA (10-150)	NMFM (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
LCS 320-686390/2-A	Lab Control Sample	74	75	79	76	104	117	116	98
MB 320-686390/1-A	Method Blank	74	72	75	68	116	119	115	99

		Percent Isotope Dilution Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	M102FTS (25-150)
500-235101-1	MW-3D-230607	108
500-235101-2	MW-7I-230607	106
500-235101-3	MW-9S-230608	102
500-235101-4	MW-9I-230608	107
500-235101-5	MW-10S-230608	82
500-235101-5 MS	MW-10S-230608	91
500-235101-5 MSD	MW-10S-230608	89
500-235101-6	MW-10I-230608	108
500-235101-7	MW-14S-230607	111
500-235101-8	MW-14I-230607	106
500-235101-9	DUP-01-230608	99
500-235101-10	RB-01-230608	107
500-235101-11	EB-01-230608	108
LCS 320-686390/2-A	Lab Control Sample	119
MB 320-686390/1-A	Method Blank	114

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
PFHxA = 13C2 PFHxA
C4PFHA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
dMeFOSA = d-N-MeFOSA-M
dEtFOSA = d-N-EtFOSA-M
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
M242FTS = M2-4:2 FTS
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
HFPODA = 13C3 HFPO-DA
M102FTS = 13C2 10:2 FTS