



Northern Lake Service Inc.

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800-278-1254 • www.nlslab.com

Rhineland Water Utility
135 South Stevens Street
Rhineland, WI 54501
Project: 2023 Investigative PFAS Testing
Project Number: 2023 Investigative PFAS Testing
Project Manager: Jody Flannery
Reported: 1/31/23 12:11
Work Order: CB00454

Sample Results

Sample: 1553 S Oneida (Well 4)
CB00454-01 (DW) Sampled: 01/17/23 08:00

Analyte	Result	Qualifier	Dilution	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
Semi-Volatiles												
11-chloroicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1	0.31	1.0		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1	0.34	1.1		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		1	0.37	1.2		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		1	0.41	1.4		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEFOSAA)	ND		1	0.47	1.6		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMEFOSAA)	ND		1	0.40	1.3		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	0.39	J	1	0.30	1.0		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		1	0.33	1.1		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		1	0.23	0.77		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorohexadecanoic acid (PFHxA)	1.5		1	0.44	1.5		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorooctadecanoic acid (PFHxA)	2.2		1	0.47	1.6		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	0.41	J	1	0.34	1.1		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		1	0.46	1.5		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	2.5		1	0.49	1.6		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	0.69	J	1	0.31	1.0		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		1	0.34	1.1		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTnDA)	ND		1	0.43	1.4		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		1	0.30	1.0		ng/L	1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
Limits: 70-130%												
Surrogate: (SURR) C13-PFHA	99%							1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPDA	91%							1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	91%							1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEFOSAA	90%							1/24/23 6:48	1/25/23 12:59	RAW	EPA 537.1, Rev 2.0	2

Sample: 1549 S Oneida (Well 5)
CB00454-02 (DW) Sampled: 01/17/23 08:30

Analyte	Result	Qualifier	Dilution	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
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Semi-Volatiles

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Rhineland Water Utility 135 South Stevens Street Rhineland, WI 54501	Project: 2023 Investigative PFAS Testing Project Number: 2023 Investigative PFAS Testing Project Manager: Jody Flannery	Reported: 1/31/23 12:11	Work Order: CB00454
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Sample Results (Continued)

Sample: 1549 S Oneida (Well 5) (Continued)
CB00454-02 (DW) Sampled: 01/17/23 08:30

Analyte	Result	Qualifier	Dilution	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
Semi-Volatiles (Continued)												
11-chloroicosafiuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1	0.30	0.96		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1	0.33	1.1		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		1	0.36	1.2		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		1	0.39	1.3		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEFOSAA)	ND		1	0.45	1.5		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1	0.38	1.2		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	0.47	J	1	0.29	0.96		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		1	0.32	1.1		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		1	0.22	0.74		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorotrianoic acid (PFHpA)	3.0		1	0.42	1.4		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	4.8		1	0.45	1.5		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	0.41	J	1	0.33	1.1		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		1	0.44	1.4		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	3.8		1	0.47	1.5		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	1.4		1	0.30	0.96		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTDA)	ND		1	0.33	1.1		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTDA)	ND		1	0.41	1.3		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		1	0.29	0.96		ng/L	1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
Limits: 70-130%												
Surrogate: (SURR) C13-PFHxA	103%							1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPDA	93%							1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	96%							1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEFOSAA	94%							1/24/23 6:48	1/25/23 13:25	RAW	EPA 537.1, Rev 2.0	2

Sample: 1409 Phillip St (Well 6)
CB00454-03 (DW) Sampled: 01/17/23 08:45

Analyte	Result	Qualifier	Dilution	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
Semi-Volatiles												

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Project Number: 2023 Investigative PFAS Testing
Project Manager: Jody Flannery

Reported: 1/31/23 12:11
Work Order: CB00454

Sample Results (Continued)

Sample: 1409 Phillip St (Well 6) (Continued)
CB00454-03 (DW) Sampled: 01/17/23 08:45

Analyte	Result	Qualifier	Dilution	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
Semi-Volatiles (Continued)												
11-chloroicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF30QDS)	ND		1	0.30	0.98		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1	0.33	1.1		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		1	0.36	1.2		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		1	0.40	1.4		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEFOSAA)	ND		1	0.46	1.6		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1	0.39	1.3		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	0.90	J	1	0.29	0.98		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		1	0.32	1.1		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		1	0.23	0.75		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorheptanoic acid (PFHpA)	2.3		1	0.43	1.5		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorhexanoic acid (PFHxA)	2.8		1	0.46	1.6		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorhexanesulfonic acid (PFHxS)	0.84	J	1	0.33	1.1		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		1	0.45	1.5		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	4.1		1	0.48	1.6		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	0.58	J	1	0.30	0.98		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		1	0.33	1.1		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTDA)	ND		1	0.42	1.4		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		1	0.29	0.98		ng/L	1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
Limits: 70-130%												
Surrogate: (SURR) C13-PFHxA	98%							1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPoDA	93%							1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	92%							1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEFOSAA	91%							1/24/23 6:48	1/25/23 13:51	RAW	EPA 537.1, Rev 2.0	2

Sample: 3401 Fox Ranch Rd (Well 7)
CB00454-04 (DW) Sampled: 01/17/23 12:45

Analyte	Result	Qualifier	Dilution	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
Semi-Volatiles												



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Project: 2023 Investigative PFAS Testing
Project Number: 2023 Investigative PFAS Testing
Project Manager: Jody Flannery

Reported: 1/31/23 12:11
Work Order: CB00454

Sample Results (Continued)

Sample: 3401 Fox Ranch Rd (Well 7) (Continued)
CB00454-04 (DW) Sampled: 01/17/23 12:45

Analyte	Result	Qualifier	Dilution	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
Semi-Volatiles (Continued)												
11-chloroicosasilfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OU4S)	ND		1	0.31	1.0		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1	0.34	1.1		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		1	0.37	1.2		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		1	0.41	1.4		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEFOSAA)	ND		1	0.47	1.6		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMieFOSAA)	ND		1	0.40	1.3		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	1.1		1	0.30	1.0		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		1	0.33	1.1		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		1	0.23	0.77		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	1.4	J	1	0.44	1.5		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	1.9		1	0.47	1.6		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	9.4		1	0.34	1.1		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		1	0.46	1.5		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	3.3		1	0.49	1.6		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	0.75	J	1	0.31	1.0		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		1	0.34	1.1		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluorobridgedecanoic acid (PFTtDA)	ND		1	0.43	1.4		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		1	0.30	1.0		ng/L	1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2

Surrogate: (SURR) Cl3-PFHxA	99%			Limits: 70-130%				1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) Cl3-HFPDA	95%			Limits: 70-130%				1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) Cl3-PFDA	95%			Limits: 70-130%				1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEFOSAA	94%			Limits: 70-130%				1/24/23 6:48	1/25/23 14:16	RAW	EPA 537.1, Rev 2.0	2

Sample: 3400 Fox Ranch Rd (Well 8)
CB00454-05 (DW) Sampled: 01/17/23 10:45

Analyte	Result	Qualifier	Dilution	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
Semi-Volatiles												
FBNA												

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Project: 2023 Investigative PFAS Testing
Project Number: 2023 Investigative PFAS Testing
Project Manager: Jody Flannery

Reported: 1/31/23 12:11
Work Order: CB00454

Sample Results (Continued)

Sample: 3400 Fox Ranch Rd (Well 8) (Continued)
CB00454-05 (DW) Sampled: 01/17/23 10:45

Analyte	Result	Qualifier	Dilution	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
Semi-Volatiles (Continued)												
1,1-chloroethane-2,2-difluoro-3-oxo-undecane-1-sulfonic acid (11C-PF3OUdS)	ND		1	0.32	1.0		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9C1-PF3ONS)	ND		1	0.35	1.1		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADOMA)	ND		1	0.39	1.2		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		1	0.43	1.5		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEFOSAA)	ND		1	0.49	1.7		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMFOSAA)	ND		1	0.42	1.4		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	ND		1	0.31	1.0		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		1	0.34	1.1		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		1	0.24	0.80		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	ND		1	0.46	1.6		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	ND		1	0.49	1.7		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	ND		1	0.35	1.1		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		1	0.48	1.6		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	ND		1	0.51	1.7		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	ND		1	0.32	1.0		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		1	0.35	1.1		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTDA)	ND		1	0.45	1.5		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		1	0.31	1.0		ng/L	1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	94%			Limits: 70-130%				1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPDA	97%			Limits: 70-130%				1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	98%			Limits: 70-130%				1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEFOSAA	88%			Limits: 70-130%				1/24/23 6:48	1/25/23 15:09	RAW	EPA 537.1, Rev 2.0	2

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.