

ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA Method 537.1 Safe Drinking Water Analysis
Customer: Rhinelander Water Utility NLS Project: 381169
Project Description: PFAS Analysis
Project Title: Template: SCI2537.1 Printed: 03/15/2022 15:19

Sample: 1301271 1553 S Oneida Collected: 03/01/22 Analyzed: 03/14/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Perfluorohexanoic acid (PFHxA)	ND	ng/L	1	1.1	3.6		
Perfluoroheptanoic acid (PFHpA)	[1.15]	ng/L	1	0.74	2.5		J
Perfluorooctanoic acid (PFOA)	[1.67]	ng/L	1	0.66	2.2		J
Perfluorononanoic acid (PFNA)	ND	ng/L	1	0.87	2.9		
Perfluorodecanoic acid (PFDA)	ND	ng/L	1	0.65	2.2		
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	1	0.99	3.3		
Perfluorododecanoic acid (PFDoA)	ND	ng/L	1	0.88	2.9		
Perfluorotridecanoic acid (PFTriA)	ND	ng/L	1	0.69	2.3		
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	1	0.85	2.8		
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	1	0.51	1.7		
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	1	0.82	2.7		
Perfluorooctanesulfonic acid (PFOS)	[0.80]	ng/L	1	0.70	2.3		J
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	1	1.0	3.4		
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	1	0.76	2.5		
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	1	0.83	2.8		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	1	0.82	2.7		
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	1	0.75	2.5		
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	1	0.88	2.9		
C13-PFHxA (SURR)	89.7%		1				S
C13-HFPODA (SURR)	82.6%		1				S
C13-PFDA (SURR)	92.6%		1				S
d5-NEtFOSAA (SURR)	102%		1				S

NOTES APPLICABLE TO THIS ANALYSIS:

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Project Title: Template: SCI2537.1 Printed: 03/15/2022 15:19

Sample: 1301272 1549 S Oneida Collected: 03/01/22 Analyzed: 03/14/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Perfluorohexanoic acid (PFHxA)	[2.04]	ng/L	1	1.1	3.6		J
Perfluoroheptanoic acid (PFHpA)	[2.06]	ng/L	1	0.74	2.5		J
Perfluorooctanoic acid (PFOA)	2.46	ng/L	1	0.66	2.2		
Perfluorononanoic acid (PFNA)	ND	ng/L	1	0.87	2.9		
Perfluorodecanoic acid (PFDA)	ND	ng/L	1	0.65	2.2		
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	1	0.99	3.3		
Perfluorododecanoic acid (PFDoA)	ND	ng/L	1	0.88	2.9		
Perfluorotridecanoic acid (PFTriA)	ND	ng/L	1	0.69	2.3		
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	1	0.85	2.8		
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	1	0.51	1.7		
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	1	0.82	2.7		
Perfluorooctanesulfonic acid (PFOS)	[1.19]	ng/L	1	0.70	2.3		J
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	1	1.0	3.4		
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	1	0.76	2.5		
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	1	0.83	2.8		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	1	0.82	2.7		
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	1	0.75	2.5		
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	1	0.88	2.9		
C13-PFHxA (SURR)	89.3%		1				S
C13-HFPODA (SURR)	77.8%		1				S
C13-PFDA (SURR)	90.7%		1				S
d5-NEtFOSAA (SURR)	103%		1				S

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Customer: Rhinelander Water Utility NLS Project: 381169

Project Description: PFAS Analysis

Project Title: Template: SCI2537.1 Printed: 03/15/2022 15:19

Sample: 1301273 1409 Phillip Collected: 03/01/22 Analyzed: 03/14/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Perfluorohexanoic acid (PFHxA)	[2.59]	ng/L	1	1.1	3.6		J
Perfluoroheptanoic acid (PFHpA)	2.7	ng/L	1	0.74	2.5		
Perfluorooctanoic acid (PFOA)	4.63	ng/L	1	0.66	2.2		
Perfluorononanoic acid (PFNA)	ND	ng/L	1	0.87	2.9		
Perfluorodecanoic acid (PFDA)	ND	ng/L	1	0.65	2.2		
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	1	0.99	3.3		
Perfluorododecanoic acid (PFDoA)	ND	ng/L	1	0.88	2.9		
Perfluorotridecanoic acid (PFTrIA)	ND	ng/L	1	0.69	2.3		
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	1	0.85	2.8		
Perfluorobutanesulfonic acid (PFBS)	[1.08]	ng/L	1	0.51	1.7		J
Perfluorohexanesulfonic acid (PFHxS)	[1.31]	ng/L	1	0.82	2.7		J
Perfluorooctanesulfonic acid (PFOS)	[0.72]	ng/L	1	0.70	2.3		J
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	1	1.0	3.4		
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	1	0.76	2.5		
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	1	0.83	2.8		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	1	0.82	2.7		
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	1	0.75	2.5		
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	1	0.88	2.9		
C13-PFHxA (SURR)	92.3%		1				S
C13-HFPODA (SURR)	70.9%		1				S
C13-PFDA (SURR)	92.6%		1				S
d5-NEtFOSAA (SURR)	110%		1				S

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Project Description: PFAS Analysis

Project Title: Template: SCI2537.1 Printed: 03/15/2022 15:19

Sample: 1301274 3401 Fox Ranch Rd Collected: 03/01/22 Analyzed: 03/14/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Perfluorohexanoic acid (PFHxA)	[2.8]	ng/L	1	1.1	3.6		J
Perfluoroheptanoic acid (PFHpA)	2.64	ng/L	1	0.74	2.5		
Perfluorooctanoic acid (PFOA)	5.28	ng/L	1	0.66	2.2		
Perfluorononanoic acid (PFNA)	ND	ng/L	1	0.87	2.9		
Perfluorodecanoic acid (PFDA)	ND	ng/L	1	0.65	2.2		
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	1	0.99	3.3		
Perfluorododecanoic acid (PFDoA)	ND	ng/L	1	0.88	2.9		
Perfluorotridecanoic acid (PFTrIA)	ND	ng/L	1	0.69	2.3		
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	1	0.85	2.8		
Perfluorobutanesulfonic acid (PFBS)	[1.64]	ng/L	1	0.51	1.7		J
Perfluorohexanesulfonic acid (PFHxS)	16.4	ng/L	1	0.82	2.7		
Perfluorooctanesulfonic acid (PFOS)	[1.35]	ng/L	1	0.70	2.3		J
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	1	1.0	3.4		
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	1	0.76	2.5		
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	1	0.83	2.8		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	1	0.82	2.7		
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	1	0.75	2.5		
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	1	0.88	2.9		
C13-PFHxA (SURR)	94.9%		1				S
C13-HFPODA (SURR)	82.8%		1				S
C13-PFDA (SURR)	93.6%		1				S
d5-NEtFOSAA (SURR)	110%		1				S

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