Compound	Result (ppt)	EPA MDL (ppt)	EPA MCL (ppt)
UCMR 5 (8/21/2024 & 10/1/2024)			
perfluorooctanoic acid (PFOA)	U	1.3	4
perfluorooctane sulfonic acid (PFOS)	U	1.3	4
perfluoroheptanoic acid (PFHpA)	U	1.0	10
hexafluoropropylene dimer acid (HFPO-DA) (GenX)	U	1.6	10
perfluorobutane sulfonic acid (PFBS)	U	1.0	10
perfluorononanoic acid (PFNA)	U	1.3	10
perfluorohexane sulfonic acid (PFHxS)	U	1.0	10
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	U	1.6	N/A
4:2 fluorotelomer sulfonic acid (4:2 FTS)	U	1.0	N/A
6:2-fluorotelomersulfonic acid (6:2-FTS)	U	1.6	N/A
8:2 fluorotelomer sulfonic acid (8:2 FTS)	U	1.6	N/A
9-chlorohexanedecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	U	0.6	N/A
ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA)	U	1.0	N/A
perfluoro-3,6-dioxaheptanoic acid (NFDHA)	U	6.4	N/A
perfluorodecanoic acid (PFDA)	U	1.0	N/A
perfluorohexanoic acid (PFHxA)	U	1.0	N/A
perfluorobutanoic acid (PFBA)	U	1.6	N/A
perfluoro(2-ethyoxyethane)sulfonic acid (PFEESA)	U	1.0	N/A
perfluoroheptanesulfonic acid (PFHpS)	U	1.0	N/A
perfluoro-4-methoxybutanoic acid (PFMOBA)	U	1.0	N/A
perfluoro-3-methoxypropanoic acid (PFMPA)	U	1.3	N/A
perfluoro-n-pentanoic acid (PFPeA)	U	1.0	N/A
perfluoropentanesulfonic acid (PFPeS)	U	1.3	N/A
perfluorododecanoic acid (PFDoA)	U	1.0	N/A
perfluoroundecanoic acid (PFUnA)	U	0.6	N/A
n-ethylperfluorooctane sulfonamidoacetic acid (NEtFOSAA)	U	1.6	N/A
n-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	U	2.0	N/A
perfluorotetradecanoic acid (PFTeDA)	U	2.6	N/A
perfluorotridecanoic acid (PFTrDA)	U	2.3	N/A
UCMR 5 (2/9/2024)			
perfluorooctanoic acid (PFOA)	U	1.3	4
perfluorooctane sulfonic acid (PFOS)	U	1.3	4
perfluoroheptanoic acid (PFHpA)	U	0.98	10
hexafluoropropylene dimer acid (HFPO-DA) (GenX)	U	1.6	10
perfluorobutane sulfonic acid (PFBS)	1.2 I	0.98	10
perfluorononanoic acid (PFNA)	U	1.3	10
perfluorohexane sulfonic acid (PFHxS)	U	0.98	10
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	U	1.6	N/A
4:2 fluorotelomer sulfonic acid (4:2 FTS)	U	1.0	N/A
6:2-fluorotelomersulfonic acid (6:2-FTS)	U	1.6	N/A
8:2 fluorotelomer sulfonic acid (8:2 FTS)	U	1.6	N/A
9-chlorohexanedecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	U	0.66	N/A
ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA)	U	0.98	N/A
perfluoro-3,6-dioxaheptanoic acid (NFDHA)	U	6.5	N/A
perfluorodecanoic acid (PFDA)	U	0.98	N/A
perfluorohexanoic acid (PFHxA)	U	0.98	N/A

perfluorobutanoic acid (PFBA)	U	1.6	N/A
perfluoro(2-ethyoxyethane)sulfonic acid (PFEESA)	U	0.98	N/A
perfluoroheptanesulfonic acid (PFHpS)	U	0.98	N/A
perfluoro-4-methoxybutanoic acid (PFMOBA)	U	0.98	N/A
perfluoro-3-methoxypropanoic acid (PFMPA)	U	1.3	N/A
perfluoro-n-pentanoic acid (PFPeA)	U	0.98	N/A
perfluoropentanesulfonic acid (PFPeS)	U	1.3	N/A
perfluorododecanoic acid (PFDoA)	U	0.98	N/A
perfluoroundecanoic acid (PFUnA)	U	0.66	N/A
n-ethylperfluorooctane sulfonamidoacetic acid (NEtFOSAA)	U	1.7	N/A
n-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	U	2.1	N/A
perfluorotetradecanoic acid (PFTeDA)	U	2.8	N/A
perfluorotridecanoic acid (PFTrDA)	U	2.5	N/A
2023 SAMPLING EVENT (6/24/2023)			
perfluorooctanoic acid (PFOA)	U	3.8	4
perfluorooctane sulfonic acid (PFOS)	U	3.8	4
perfluoroheptanoic acid (PFHpA)	U	2.9	10
hexafluoropropylene dimer acid (HFPO-DA) (GenX)	U	4.8	10
perfluorobutane sulfonic acid (PFBS)	U	2.9	10
perfluorononanoic acid (PFNA)	U	3.8	10
perfluorohexane sulfonic acid (PFHxS)	U	2.9	10
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	U	4.8	N/A
4:2 fluorotelomer sulfonic acid (4:2 FTS)	U	2.9	N/A
6:2-fluorotelomersulfonic acid (6:2-FTS)	U	4.8	N/A
8:2 fluorotelomer sulfonic acid (8:2 FTS)	U	4.8	N/A
9-chlorohexanedecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	U	1.9	N/A
ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA)	U	2.9	N/A
perfluoro-3,6-dioxaheptanoic acid (NFDHA)	U	4.8	N/A
perfluorodecanoic acid (PFDA)	U	2.9	N/A
perfluorohexanoic acid (PFHxA)	U	2.9	N/A
perfluorobutanoic acid (PFBA)	U	4.8	N/A
perfluoro(2-ethyoxyethane)sulfonic acid (PFEESA)	U	2.9	N/A
perfluoroheptanesulfonic acid (PFHpS)	U	2.9	N/A
perfluoro-4-methoxybutanoic acid (PFMOBA)	U	2.9	N/A
perfluoro-3-methoxypropanoic acid (PFMPA)	U	3.8	N/A
perfluoro-n-pentanoic acid (PFPeA)	U	2.9	N/A
perfluoropentanesulfonic acid (PFPeS)	U	3.8	N/A
perfluorododecanoic acid (PFDoA)	U	2.9	N/A
perfluoroundecanoic acid (PFUnA)	U	1.9	N/A
n-ethylperfluorooctane sulfonamidoacetic acid (NEtFOSAA)	U	4.7	N/A
n-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	U	5.6	N/A
perfluorotetradecanoic acid (PFTeDA)	U	7.5	N/A
perfluorotridecanoic acid (PFTrDA)	U	6.5	N/A
UCMR 3 (10/17/2013)			
perfluorooctanoic acid (PFOA)	U	0.67	4
perfluorooctane sulfonic acid (PFOS)	U	1.3	4
perfluoroheptanoic acid (PFHpA)	U	3.3	10
perfluorobutane sulfonic acid (PFBS)	U	30	10
perfluorononanoic acid (PFNA)	U	0.67	10
perfluorohexane sulfonic acid (PFHxS)	U	10	10

UCMR 3 (4/11/2013)			
perfluorooctanoic acid (PFOA)	U	0.67	4
perfluorooctane sulfonic acid (PFOS)	U	1.3	4
perfluoroheptanoic acid (PFHpA)	U	3.3	10
perfluorobutane sulfonic acid (PFBS)	U	30	10
perfluorononanoic acid (PFNA)	U	0.67	10
perfluorohexane sulfonic acid (PFHxS)	U	10	10

Hazard Index Calculation

Compound	Result (ug/L)	HI (ug/L)	EPA MCL (unitless)
UCMR 5 (8/21/2024 & 10/1/2024)			
hexafluoropropylene dimer acid (HFPO-DA) (GenX)	0.0016	0.00040	1
perfluorobutane sulfonic acid (PFBS)	0.001		
perfluorononanoic acid (PFNA)	0.0013		
perfluorohexane sulfonic acid (PFHxS)	0.001		
UCMR 5 (2/9/2024)			
hexafluoropropylene dimer acid (HFPO-DA) (GenX)	0.0016	0.00040	1
perfluorobutane sulfonic acid (PFBS)	0.0012		
perfluorononanoic acid (PFNA)	0.0013		
perfluorohexane sulfonic acid (PFHxS)	0.00098		
2023 Sampling Event			
hexafluoropropylene dimer acid (HFPO-DA) (GenX)	0.0048	0.00118	1
perfluorobutane sulfonic acid (PFBS)	0.0029		
perfluorononanoic acid (PFNA)	0.0038		
perfluorohexane sulfonic acid (PFHxS)	0.0029		

KEY:	
MDL	Method Detection Limit, representing the lowest concentration of a substance that a laboratory can confidently detect and report with 99% certainty during analysis.
MCL	Maximum Contaminant Level, which is the highest allowed concentration of a contaminant in public drinking water, set by the EPA.
PQL	Practical Quantitation Limit, which is the minimum concentration (or lowest level) of a contaminant that can be reliably quantified (or measured) in a laboratory with acceptable levels of precision and accurancy.
N/A	Compounds with no regulations, but part of the 29 PFAS in EPA study.
U	No detectable levels found using EPA Methods 522 and 537.1
I	Indicates that the value is between the laboratory method detection limit and the practical quantitation limit (PQL). This indicates that the instrument was able to detect a value (unlike a U value), but the value is so close to the method detection limit (MDL) that it cannot be accurately quantified.