

City of Rock Hill Source Water-Lake Wylie PFAS Analysis*

Samples Collected September 23, 2021

PARAMETER		Results	Units
1	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (Gen-X)	ND	ng/L
2	1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND	ng/L
3	1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND	ng/L
4	1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND	ng/L
5	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND	ng/L
6	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND	ng/L
7	Perfluorobutane sulfonic acid (PFBS)	0.954	ng/L
8	Perfluorobutanoic acid (PFBA)	1.89	ng/L
9	Perfluorodecane sulfonic acid (PFDS)	ND	ng/L
10	Perfluorodecanoic acid (PFDA)	ND	ng/L
11	Perfluorododecanoic acid (PFDOA)	ND	ng/L
12	Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/L
13	Perfluoroheptanoic acid (PFHpA)	1.33	ng/L
14	Perfluorohexane sulfonic acid (PFHxS)	0.616	ng/L
15	Perfluorohexanoic acid (PFHxA)	3.15	ng/L
16	Perfluorononane sulfonic acid (PFNS)	ND	ng/L
17	Perfluorononanoic acid (PFNA)	ND	ng/L
18	Perfluorooctane sulfonamide (PFOSAm)	ND	ng/L
19	Perfluorooctane sulfonic acid (PFOS)	2.7	ng/L
20	Perfluorooctanoic acid (PFOA)	2.41	ng/L
21	Perfluoropentane sulfonic acid (PFPeS)	ND	ng/L
22	Perfluoropentanoic acid (PFPeA)	3.71	ng/L
23	Perfluoroundecanoic acid (PFUnDA)	ND	ng/L
24	Perfluorotetradecanoic acid (PFTDA)	ND	ng/L
25	Perfluorotridecanoic acid (PFTrDA)	ND	ng/L

Per- and polyfluoroalkyl substances (PFAS) are a group of man-made chemicals that have been in use since the 1940s, and are (or have been) found in many consumer products like cookware, food packaging, and stain repellants. PFAS manufacturing and processing facilities, airports, and military installations that use firefighting foams are some of the main sources of PFAS. PFAS may be released into the air, soil, and water, including sources of drinking water. Though not regulated to date, the USEPA has developed a PFAS Action Plan to address PFAS and to protect public health. The following fact sheet will provide additional information concerning this Action Plan. https://www.epa.gov/sites/production/files/2019-02/documents/pfas_action_factsheet_021319_final_508compliant.pdf

Vertical line on the left side of the page.