

Project: City of White PFAS Compliance

Project No.: 182-119.20

Date: 08/01/2025

Well No. 1 Results

Compound	Test Date						USEPA Maximum Contaminant Level (ng/L)
	6/29/2023	8/15/2024	9/23/2024	10/23/2024	2/17/2025	6/25/2025	
	Concentration (ng/L)	Concentration (ng/L)	Concentration (ng/L)	Concentration (ng/L)	Concentration (ng/L)	Concentration (ng/L)	
PFOA	39.0	25.0	25.0	20.0	24.0	26.60	4.0
PFOS	12.0	7.6	7.9	6.5	8.9	8.80	4.0
PFBS	<4	<3	<3	<3	1.4	<2	
GenX (HFPO-DA)	<4	<5	<5	<5	<2	<2	10
PFNA	13.0	8.7	8.1	7.4	9.2	9.28	10
PFHxS	<4	<3	<3	<3	1.2	<2	10
Hazard Index	1.3	0.9	0.8	0.7	1.1	0.93	1 (not a concentration)

Well No. 2 Results

Compound	Test Date						USEPA Maximum Contaminant Level (ng/L)
	8/30/2021	7/23/2024	9/23/2024	10/23/2024	2/17/2025	6/25/2025	
	Concentration (ng/L)	Concentration (ng/L)	Concentration (ng/L)	Concentration (ng/L)	Concentration (ng/L)	Concentration (ng/L)	
PFOA	33.0	23.0	20.0	20.0	27.0	29.30	4.0
PFOS	<5	6.3	6.3	5.4	7.5	7.80	4.0
PFBS	<5	<3	<3	<3	<2	<2	
GenX (HFPO-DA)	<5	<5	<5	<5	<2	<2	10
PFNA	7.3	6.7	6.8	6.5	7.8	8.46	10
PFHxS	<5	<3	<3	<3	1.1	<2	10
Hazard Index	0.7	0.7	0.7	0.7	0.9	0.85	1 (not a concentration)

Well No. 5 Results

Compound	Test Date	Test Date	USEPA Maximum Contaminant Level (ng/L)
	6/9/2023	6/25/2025	
	Concentration (ng/L)	Concentration (ng/L)	
PFOA	<4	3.46	4.0
PFOS	<4	<2	4.0
PFBS	<4	<2	
GenX (HFPO-DA)	<4	<2	10
PFNA	<4	<2	10
PFHxS	<4	<2	10
Hazard Index	0.0	0.00	1 (not a concentration)

Equation

$$\text{Hazard Index} = \left(\frac{[\text{GenX}_{\text{water}}]}{[10 \text{ ppt}]} \right) + \left(\frac{[\text{PFBS}_{\text{water}}]}{[2000 \text{ ppt}]} \right) + \left(\frac{[\text{PFNA}_{\text{water}}]}{[10 \text{ ppt}]} \right) + \left(\frac{[\text{PFHxS}_{\text{water}}]}{[9.0 \text{ ppt}]} \right)$$