

Project: City of White PFAS Compliance

Project No.: 182-119.20

Date: 10/29/2024

Sweitzer Engineering, Inc.

Well No. 1 Results

Compound	Test Date			USEPA Maximum Contaminant Level (ng/L)
	6/29/2023	8/15/2024	9/23/2024	
PFOA	39.0	25.0	25.0	4.0
PFOS	12.0	7.6	7.9	4.0
PFBS	<4	<3	<3	
GenX (HFPO-DA)	<4	<5	<5	10
PFNA	13.0	8.7	8.1	10
PFHxS	<4	<3	<3	10
Hazard Index	1.3	0.9	0.8	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	
PFOA	33.0	23.0	20.0	4.0
PFOS	<5	6.3	6.3	4.0
PFBS	<5	<3	<3	
GenX (HFPO-DA)	<5	<5	<5	10
PFNA	7.3	6.7	6.8	10
PFHxS	<5	<3	<3	10
Hazard Index	0.7	0.7	0.7	1 (not a concentration)

Well No. 5 Results

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

Equation

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