

# Sunshine Water services Bear Lake Water System

PWS ID: FL3590069

## PFAS Results (All results reported as Nanograms per liter (ng/L))

Contaminant	Sample Date	Range of Detect	Average	EPA HAL
PFOS	12/19/23	3-2.8	2.9	0.02
PFOA	12/19/23	3.9-2.6	3.25	0.004
PFBS	12/19/23	3.3-3.4	3.35	2000
PFHpA	12/19/23	1.6-1.4	1.5	
PFHxS	12/19/23	3.3-2.9	3.1	
PFNA	12/19/23	ND	N/A	
PFDA	12/19/23	ND	N/A	
PFHxA	12/19/23	3.3-2.7	3	
PFDoA	12/19/23	ND	N/A	
PFTTrDA	12/19/23	ND	N/A	
PFUnA	12/19/23	ND	N/A	
NEtFOSAA	12/19/23	ND	N/A	
NMeFOSAA	12/19/23	ND	N/A	
HFPO-DA/ Gen X	12/19/23	ND	N/A	10
ADONA	12/19/23	ND	N/A	
9CI-PF3ONS	12/19/23	ND	N/A	
11CI-PF3OUdS	12/19/23	ND	N/A	
PFTeDA / PFTA	12/19/23	ND	N/A	
NFDHA	12/19/23	ND	N/A	
PFBA	12/19/23	2.1	N/A	
PFPeA	12/19/23	4.3	N/A	
8:2FTS	12/19/23	ND	N/A	
PFEESA	12/19/23	ND	N/A	
PFHpS	12/19/23	ND	N/A	
4:2FTS	12/19/23	ND	N/A	
PFMPA	12/19/23	ND	N/A	
PFMBA	12/19/23	ND	N/A	
6:2FTS	12/19/23	ND	N/A	
PFPeS	12/19/23	0.43	N/A	
PFTDA	12/19/23	ND	N/A	
NaDONA	12/19/23	ND	N/A	

## PFAS Testing

Sunshine Water Service continues efforts to conduct statewide drinking water testing for Per- and Polyfluoroalkyl Substances (PFAS). These man-made compounds are used in the manufacturing of products resistant to water, grease or stains including firefighting foams, cleaners, cosmetics, paints, adhesives and insecticides. PFAS can migrate into the soil, water, and air and is likely present in the blood of humans and animals all over the world. During 2023, the Environmental Protection Agency (EPA) had Health Advisory Levels (HALs) for GenX, PFBS, PFOA, and PFOS. On April 10, 2024, the EPA approved new drinking water standards for six PFAS including PFOA, PFOS, PFNA, PFHxS, PFBS, and GenX Chemicals. We are reviewing the components of the new rule and will take appropriate actions to meet new regulations.

**Our focus will remain, as always, on supplying our customers with safe and reliable water.**

For more information visit <https://www.epa.gov/pfas>.

### Terms and Abbreviations:

- 11CI-PF3OUdS** – 11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid
- 4:2FTS** – 1H,1H, 2H, 2H-perfluorohexane sulfonic acid
- 6:2FTS** – 1H,1H, 2H, 2H-perfluorooctane sulfonic acid
- 8:2FTS** – 1H,1H, 2H, 2H-perfluorodecane sulfonic acid
- 9CI-PF3ONS** – 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
- ADONA** – 4,8-Dioxa-3H-perfluoro-nonanoic acid
- GenX** – Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)
- Health Advisory Level (HAL)** – To provide Americans, including the most sensitive populations, with a margin of protection from a lifetime of exposure to GenX, PFBS, PFOA and PFOS from drinking water, EPA established health advisory levels.
- N/A** – Not applicable
- NaDONA** – Sodium dodecafluoro-3H-4,8-dioxanonanoate
- ND (No Detect)** - No detection means the constituent is not detectable at the minimum reporting limit.
- NEtFOSAA** – N-ethyl perfluorooctanesulfonamidoacetic acid
- NFDHA** – nonafluoro-3,6-dioxaheptanoic acid
- Ng/L** – Nanograms per liter (ng/L) which equals Parts per trillion (ppt) – One part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.
- NMeFOSAA** – N-methyl perfluorooctanesulfonamidoacetic acid
- PFBA** – Perfluorobutanoic acid
- PFBS** – Perfluorobutanesulfonic acid
- PFDA** – Perfluorodecanoic acid
- PFDoA** – Perfluorododecanoic acid
- PFEESA** – Perfluoro(2-ethoxyethane)sulfonic acid
- PFHpA** – Perfluoroheptanoic acid
- PFHpS** – Perfluoroheptanesulfonic acid
- PFHxA** – Perfluorohexanoic acid
- PFHxS** – Perfluorohexanesulfonic acid
- PFMBA** – Perfluoro-4-methoxybutanoic acid
- PFMPA** – Perfluoro-3-methoxypropanoic acid
- PFNA** – Perfluorononanoic acid
- PFPeA** – Perfluoropentanoic acid
- PFPeS** – Perfluoropentanesulfonic acid
- PFOA** – Perfluorooctanoic acid
- PFOS** – Perfluorooctane sulfonate
- PFTDA** – Perfluorotetradecanoic acid
- PFTeDA / PFTA** – Perfluorotetradecanoic acid
- PFTTrDA** – Perfluorotridecanoic acid
- PFUnA** – Perfluoroundecanoic acid