

# PFAS

In recent years, the federal government has increased its focus on PFAS (Per- and Polyfluoroalkyl Substances) and their presence in drinking water. PFAS are a group of manmade chemicals that have been used since the 1940s in everyday products like food packaging, nonstick cookware, water-resistant clothing, and firefighting foam. They are often called “forever chemicals” because they do not break down easily and can build up over time in water, soil, wildlife, and people.

In 2016, the Environmental Protection Agency (EPA) recommended a safety limit of 70 parts per trillion (ppt) for two common PFAS chemicals, PFOS and PFOA. In April 2024, the EPA announced new, enforceable drinking water standards that lower that limit to 4 ppt for both PFOS and PFOA. Water utilities have until 2029 to meet these new requirements.

Brevard County is committed to providing safe, clean drinking water and has launched improvement projects at all County water treatment plants to meet these new standards. As required by the EPA, Brevard County conducts quarterly testing at the Barefoot Bay, Mims/North Brevard, and San Sebastian treatment facilities. The table below shows the most recent test results, which reflect PFAS levels at the time of sampling. Because levels can change, this information will be updated regularly as new results become available.

## Results of PFAS Compound Testing in parts per trillion (PPT)

Sample Date: 12/29/2025

PFAS Compound	Sampling Location		
	Barefoot Bay	Mims	San Sebastian
PFOS	5.2	14.0	0.7
PFOA	3.9	6.6	0.7
PFBS	4.1	5.4	0.7
GenX Chemicals	0.3	0.4	0.1

**Note:** PFOS, PFOA, and PFBS have a threshold of **4 parts per trillion (ppt)**. GenX chemicals have a threshold of a **Hazard Index (HI) of 1 (unitless)**.

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What are PFAS and how am I exposed to PFAS?



The EPA website provides information on [what PFAS are and where PFAS may be found](#) .

Link: <https://www.epa.gov/pfas/our-current-understanding-human-health-and-environmental-risks-pfas>

What are the impacts of PFAS on my health?



According to the EPA, [exposure to PFAS may be harmful to human health](#) .

Link: <https://www.epa.gov/pfas/our-current-understanding-human-health-and-environmental-risks-pfas>

How can I reduce my PFAS exposure?



Visit the EPA website to see the [meaningful and achievable steps you can take to reduce your risk](#) .

Link: <https://www.epa.gov/pfas/meaningful-and-achievable-steps-you-can-take-reduce-your-risk>

How is the State of Florida Involved in addressing PFAS?



The Florida Department of Environmental Protection (FDEP) is working to address PFAS in the environment.

Link: <https://floridadep.gov/waste/waste-cleanup/content/dep%E2%80%99s-efforts-address-pfas-environment>

How are GenX Chemicals calculated?



The [EPA](#) website provides information on how GenX chemicals are calculated.  
[PFAS Hazard Index Fact Sheet \(pdf\)](#)

Link: [https://www.epa.gov/system/files/documents/2024-04/pfas-npdwr\\_fact-sheet\\_hazard-index\\_4.8.24.pdf](https://www.epa.gov/system/files/documents/2024-04/pfas-npdwr_fact-sheet_hazard-index_4.8.24.pdf)