



PFAS MONITORING AT PUBLIC WATER SYSTEMS

Office of Drinking Water

PFAS Pronunciation

- PFAS – is the umbrella term for PFOS, PFOA, PFHxS, PFNA, PFBS.
- PFAS are per- and polyfluoroalkyl substances.
- PFAS sounds like “PEA-fass”.
- PFOS is perfluorooctane sulfonic acid, a kind of PFAS.
- PFOS sounds like “PEA-foss”.

What is Required of Public Water Systems

- All Public Water Systems will monitor for PFAS between 2023 and 2025.
 - Except most Transient Non-Community Systems.
- Samples are collected after all treatment but before entry to distribution.
- EPA Methods 533 or 537.1 are both allowed – water systems pick.
- UCMR 5 Systems can use UCMR data.
- Detections require follow-up monitoring.
- Tier 2 public notification for confirmed State Action Level exceedances.

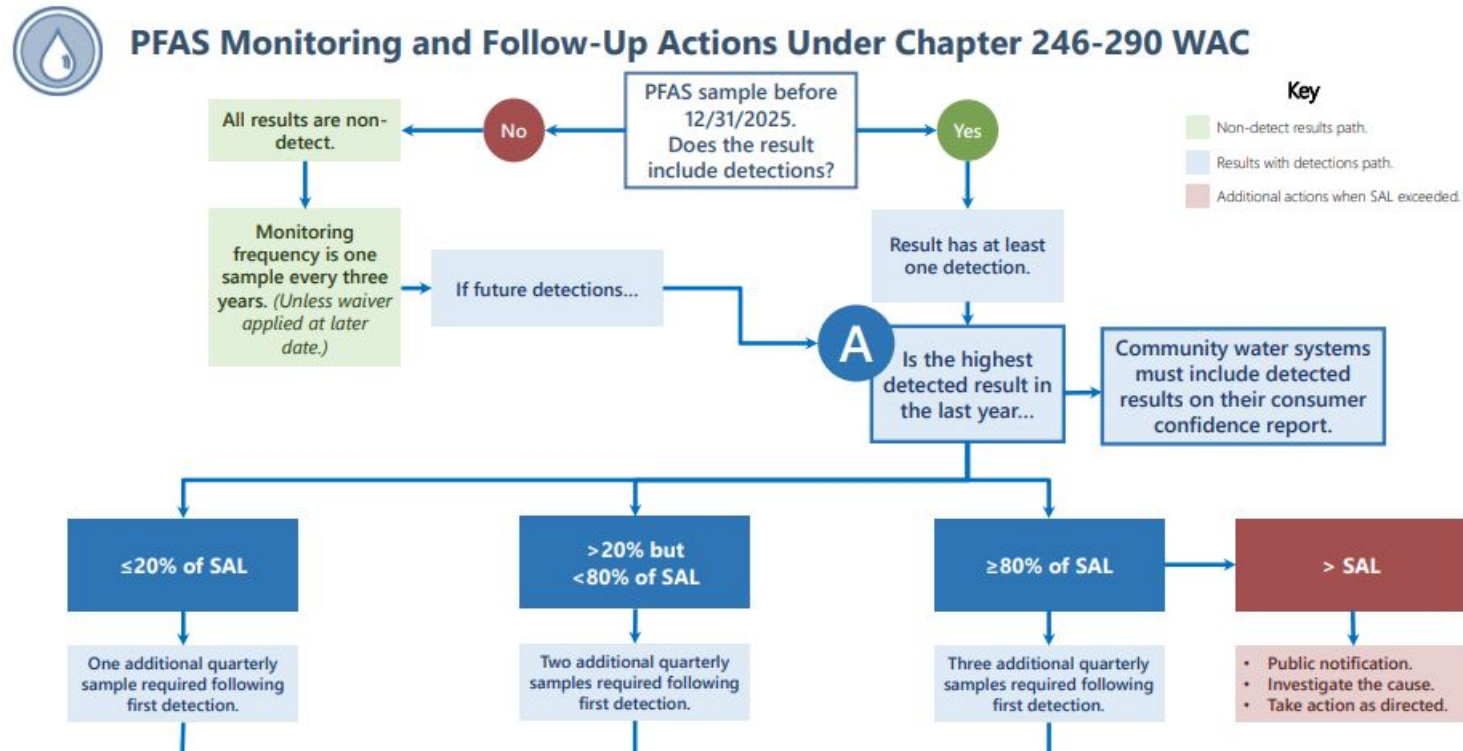
PFAS State Action Levels

State Action Levels

The SALs represent the maximum level in tap water that DOH considers to be without health concern for long-term consumption in daily drinking water, including by sensitive groups.

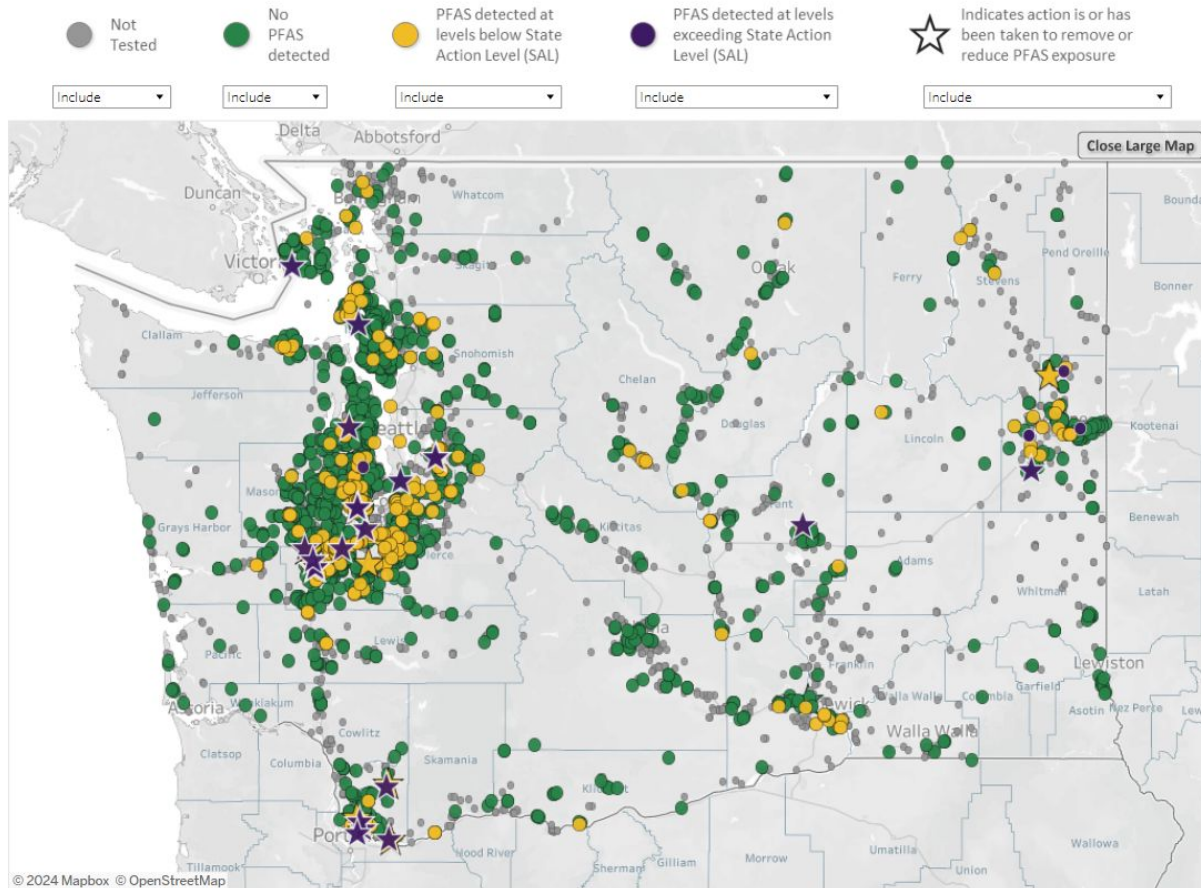
Specific PFAS Contaminant	State Action Level (parts per trillion)
PFOA	10
PFOS	15
PFNA	9
PFHxS	65
PFBS	345

PFAS Sampling: Follow-up Actions



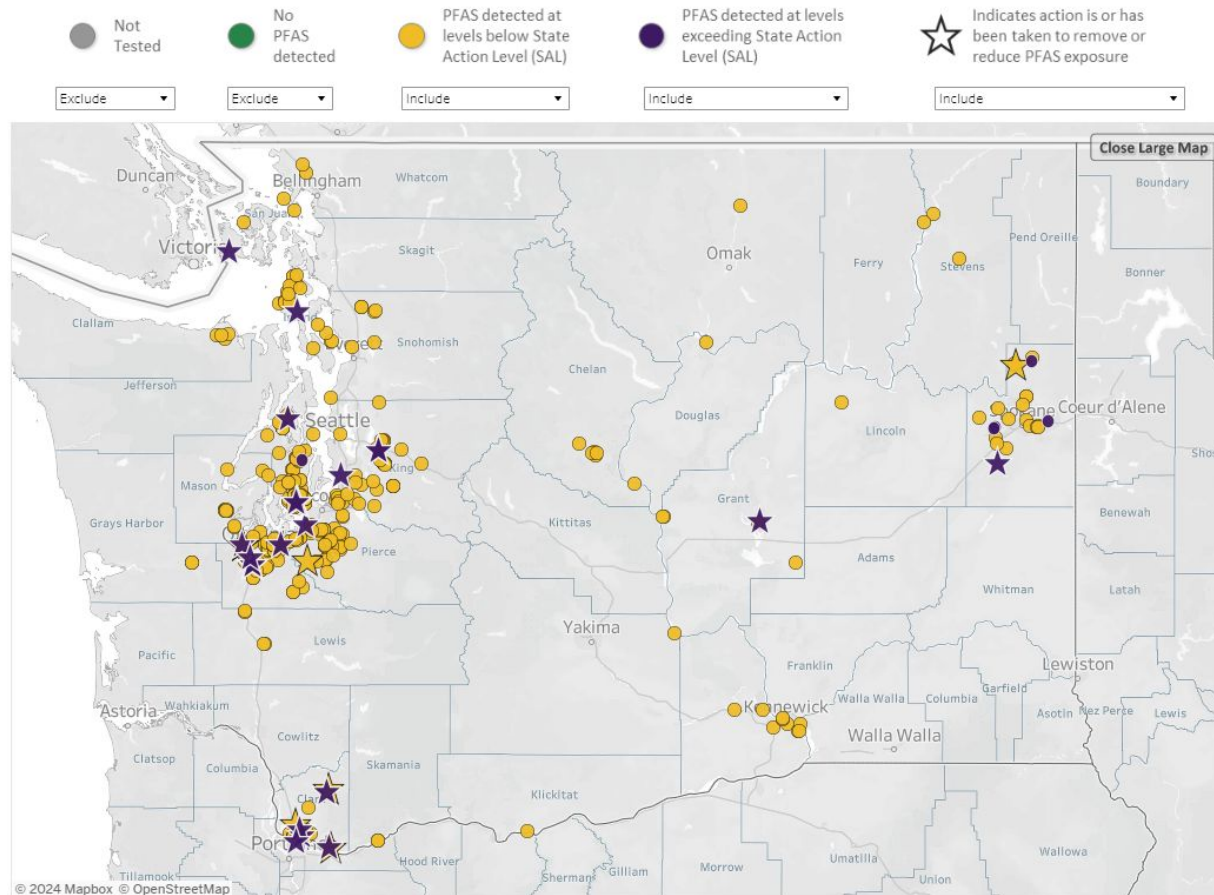
What Sampling Shows

PFAS Testing Results Dashboard



What Sampling Shows

PFAS Testing Results Dashboard



Summary Data

PFAS Testing Results Dashboard

Summary of PFAS Water Testing Data

[Click here to return to the PFAS water testing map and data table](#)

Under state regulations, there are 2,422 water systems and 3,966 water system sources required to sample for PFAS in drinking water. A single water system can have multiple sources of water that supply the system. The questions below are commonly asked about PFAS water testing. Use the filter to see summary statistics for all counties, or the counties you are interested in.

Select County:

How many water systems and how many water sources have tested for PFAS under Washington rule?

1,147 water systems, and 2,055 water sources have reported at least one water sample test for PFAS.

How many water systems and how many water sources have detected PFAS?

222 water systems, and 381 water sources have reported at least one sample test detecting PFAS.

How many water systems and how many water sources have detected PFAS above a state action level?

24 water systems, and 35 water sources have reported at least one water sample test above a state action level.

Data shown through: 11/7/2023

Federal Regulation

- EPA proposed National Primary Drinking Water Regulation for 6 PFAS – March 2023.
 - PFOS, PFOA, PFNA, PFHxS, PFBS, GenX.

- Public comment ended May 2023.

- The proposed rule has been submitted to the Office of Management and Budget at the White House.

- Final proposed rule by April?

A Few Things to Keep in Mind

- Proposed PFOS and PFOA MCL is 4 ppt.
- Proposed that PFNA, PFHxS, PFBS, Gen X will be regulated as a mixture.
- PFAS are found at more than just military or fire training sites.
- Monitoring is being incorporated into permits overseen by the Department of Ecology.



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