


GROUND WATER SYSTEMS

Serving 10,000 or fewer persons 

Initial PFAS Sampling Requirements

- Initial Sampling due to be completed by April 26, 2027
- Required of community and non-transient noncommunity waterworks
- Must collect 2 semi-annual samples
- Samples should be 5-7 months apart
- Must be completed over a 12-month period



Established Limits

Contaminant	MCL (ppt or ng/L)	Trigger Level (1/2 of MCL) (ppt or ng/L)	PQL (based on UCMR5 MRL) (ppt or ng/L)
PFOA	4.0	2.0	4.0
PFOS	4.0	2.0	4.0
HFPO-DA	10	5	5.0
PFHxS	10	5	3.0
PFNA	10	5	4.0
PFBS	N/A	N/A	3.0
Hazard Index (mixtures of PFHxS, PFNA, HFPO-DA, and PFBS)	1 (unitless)	0.5 (unitless)	N/A

Ongoing compliance monitoring will be based on initial monitoring results. To be eligible for reduced ongoing monitoring at the entry point, all regulated PFAS initial monitoring sample results must be below the applicable trigger level.

Previously Collected Data

- Previously collected data will be allowed to be used for initial sampling requirements if it meets the following requirements:
 - Collected on or after January 1, 2019
 - Samples collected after June 24, 2024 must be analyzed by a “certified” lab. Lab certifications can be found under the [UCMR5 Laboratory Approval program](#) or the [Virginia Environmental Laboratory Accreditation Program](#).
 - Analyzed using USEPA Method 533 or USEPA Method 537.1
 - Collected as part of the UCMR5, State-level, or other “appropriate” monitoring activity
 - The laboratory has used 1/3 of the PQL for each of the regulated PFAS as the minimum threshold when reporting results to reduce the possibility of background PFAS contamination



For additional guidance and up to date information on PFAS please visit
<https://www.vdh.virginia.gov/drinking-water/pfas/>