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# UCMR 5 FAQ

## 5 Things to Know About UCMR 5

### 1. What is UCMR?

UCMR stands for Unregulated Contaminant Monitoring Rule. Every 5 years the EPA initiates a new program targeting contaminants that may be present in drinking water. Past UCMR programs have included contaminants like metals, pesticides, chlorinated aliphatics, 1,4-dioxane and certain PFAS compounds. UCMR 5 will target 29 PFAS compounds and 1 metal, lithium (Li).

### 2. Who must perform sampling and testing under this program?

All public water systems (PWSs) need to perform sampling and testing for the 30 compounds within the program during 2023-2025. UCMR 5 Monitoring Scope from EPA's website:

System Size (# of people served)	PWSs participating in UCMR 5
Small Systems (fewer than 3,300)	800 randomly selected surface water (SW), ground water under the direct influence of surface water (GWUDI), mixed sources (MX) and ground water (GW) systems
Small Systems (3,300 - 10,000)	All SW, GWUDI, MX, and GW systems
Large Systems (10,001 and over)	

### 3. What testing is required?

30 compounds are required for UCMR 5. This includes 29 PFAS compounds and 1 metal, Lithium (Li). 25 PFAS compounds will be analyzed by EPA method 533 and 4 compounds by EPA method 537.1. Lithium required analysis is by EPA method 200.7. Chemical names and abbreviations of contaminants, and Minimum Reporting Levels (MRLs):

Chemical Name	Abbreviation	MRL, µg/L
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS	0.005
1H,1H, 2H, 2H-perfluorodecane sulfonic acid	8:2FTS	0.005
1H,1H, 2H, 2H-perfluorohexane sulfonic acid	4:2FTS	0.003
1H,1H, 2H, 2H-perfluorooctane sulfonic acid	6:2FTS	0.005
4,8-dioxa-3H-perfluorononanoic acid	ADONA	0.003
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS	0.002
hexafluoropropylene oxide dimer acid	HFPO-DA (GenX)	0.005
nonafluoro-3,6-dioxaheptanoic acid	NFDHA	0.02
perfluoro (2-ethoxyethane) sulfonic acid	PFEESA	0.003
perfluoro-3-methoxypropanoic acid	PFMPA	0.004



Chemical Name	Abbreviation	MRL, µg/L
perfluoro-4-methoxybutanoic acid	PFMBA	0.003
perfluorobutanesulfonic acid	PFBS	0.003
perfluorobutanoic acid	PFBA	0.005
perfluorodecanoic acid	PFDA	0.003
perfluorododecanoic acid	PFDoA	0.003
perfluoroheptanesulfonic acid	PFHpS	0.003
perfluoroheptanoic acid	PFHpA	0.003
perfluorohexanesulfonic acid	PFHxS	0.003
perfluorohexanoic acid	PFHxA	0.003
perfluorononanoic acid	PFNA	0.004
perfluorooctanesulfonic acid	PFOS	0.004
perfluorooctanoic acid	PFOA	0.004
perfluoropentanesulfonic acid	PFPeS	0.004
perfluoropentanoic acid	PFPeA	0.003
perfluoroundecanoic acid	PFUnA	0.002
N-ethyl perfluorooctanesulfonamido acetic acid	NEtFOSAA	0.005
N-methyl perfluorooctanesulfonamido acetic acid	NMeFOSAA	0.006
perfluorotetradecanoic acid	PFTA	0.008
perfluorotridecanoic acid	PFTTrDA	0.007
lithium	Li	9

#### 4. What costs are associated with UCMR 5 Testing.

- All PWS serving >3300 persons will be responsible for payments.
- Small PWSs <3300 people, will be included in the EPA program.

The cost for testing will vary depending on number of sample entry points. Contact ALS for a customized quote.

#### 5. How do I get sampling bottles and instructions from the laboratory?

PFAS compounds are measured at trace levels and are detected in several consumer products including clothes, shoes, and make-up. Therefore, specific bottles and sample handling are needed to take precautions to avoid cross contamination.

As a UCMR 5 EPA approved laboratory, both ALS Holland, MI and ALS Kelso, WA laboratories can provide the bottle kits needed for each sampling point as well as specific sampling instructions.

Results will be emailed to you within 3 weeks of receiving the samples at the laboratory. ALS will also upload results to an EPA database upon request.

#### Contact us!

To partner with ALS or for questions regarding UCMR 5, please contact [ucmr@alsglobal.com](mailto:ucmr@alsglobal.com) or call 616-399-6070.