

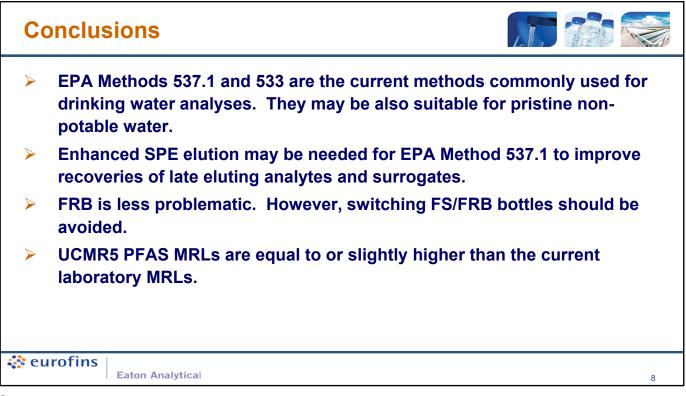
Pre-sampling Activity by EPA	Post-sampli Activity
Manage Lab Approval Program Organize Partnership Agreements and State Monitoring Plans Begin PWS SDWARS registration/ inventory Review GWRMP submittal Conduct outreach/trainings	PWSs, Laborat Complete resampling, needed Conclude da reporting 10,000 EPA Complete up of UCMR 5 of to NCOD n

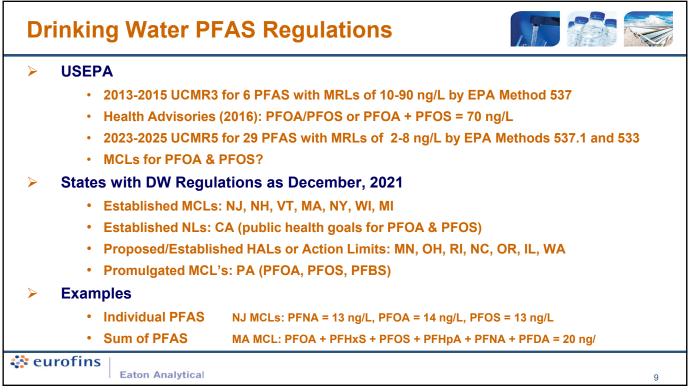
UCMR5 Scope	
Assessment Monitoring: 30 Contaminants & Methods	25 PFAS compounds by EPA Method 533 4 PFAS compounds by EPA Method 537.1 Lithium by EPA Method 200.7, SM 3120 B (2017), SM 3120 B-99 (1999), or ASTM D1976-20
Small Systems (25 – 3,299)	800 randomly selected surface water (SW), ground water under the direct influence of surface water (GWUDI), and ground water (GW) systems
Small Systems (3,300 – 10,000)	All SW, GWUDI, and GW systems (~5,100) ****WHO IS PAYING FOR THESE?????****
Large Systems (10,001 and over)	All SW, GWUDI, and GW systems (~4,400)
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or Proposed	UCMR5 (202	3-2025)		
PFBA	PFPeA	PFHxA	PFHpA	PFOA
PFNA	PFDA	PFUnA	PPDoA	PFBS
PFPeS	PFHxS	PFHpS	PFOS	PFEESA
4:2 FTS	6:2 FTS	8:2 FTS	HFPO-DA	ADONA
9CI- PF3ONS	11Cl- PF3OUdS	PFMBA	PFMPA	NFDHA
MEtFOSAA	NMeFOSAA	PFTrDA	PFTeDA	
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	PFBA PFNA PFPeS 4:2 FTS 9CI- 9F3ONS MEtFOSAA	PFBAPFPeAPFNAPFDAPFPeSPFHxS4:2 FTS6:2 FTS9Cl- PF3ONS11Cl- PF3OUdSMEtFOSAANMeFOSAA	PFNAPFDAPFUnAPFPeSPFHxSPFHpS4:2 FTS6:2 FTS8:2 FTS9Cl- PF3ONS11Cl- PF3OUdSPFMBAMEtFOSAANMeFOSAAPFTrDA	PFBAPFPeAPFHxAPFHpAPFNAPFDAPFUnAPPDoAPFPeSPFHxSPFHpSPFOS4:2 FTS6:2 FTS8:2 FTSHFPO-DA9Cl- PF3ONS11Cl- PF3OUdSPFMBAPFMPAMEtFOSAANMeFOSAAPFTrDAPFTeDA

UCMR5 Sampling Highlights Anticipating a total of ~10,300 systems; samples collected during 2023- \geq 2025, following the sampling schedules. All samples along with field reagent blanks (FRBs) are to be collected at \geq entry points to the distribution system (EPTDS). SW and GU systems sample 4 times (~3 months apart) during their year \succ of sampling. GW systems sample 2 times (5-7 months apart) during their year of \succ sampling. Systems must assign the following Sample Event (SE) codes: \succ • SE1 & SE2 represent the the 1st and 2nd sampling periods for all water types. • SE3 & SE4 represent the 3rd and 4th sampling periods for SW, GU, and MX sources only. 🔅 eurofins **Eaton Analytical** 6

UC	CMR5 Sampling Highlights (Cont'd)
	FRBs are to be extracted and analyzed only if associated samples have detects above the reporting limit.
	Within 90 days of sample collection: Laboratories must post monitoring results to EPA's electronic reporting system, SDWARS.
	Within 30 days of lab posting data: PWSs serving more than 10,000 people may review and approve data.
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Analyte	<u>Result</u>	<u>RL</u>	<u>Units</u>
Perfluorooetanoic acid (PFOA)	2.5	1.8	ng/l
Perfluorohexanesulfonic acid (PFHxS)	<1.8	1.8	ng/l
Perfluorobutanesulfonic acid (PFBS)	<1.8	1.8	ng/l
Perfluorononanoic acid (PFNA)	<1.8	1.8	ng/l
Perfluorooctanesulfonic acid (PFOS)	<1.8	1.8	ng/l
Perfluoroheptanoic acid (PFHpA)	<1.8	1.8	ng/l
Since PFOA result was above the RL, t	-	-	
			ount of sample in the container. If the sample volume is ple vol over 250 mls will result in a RL <2.0)
			nswer: we run a container rinse before the testing.

