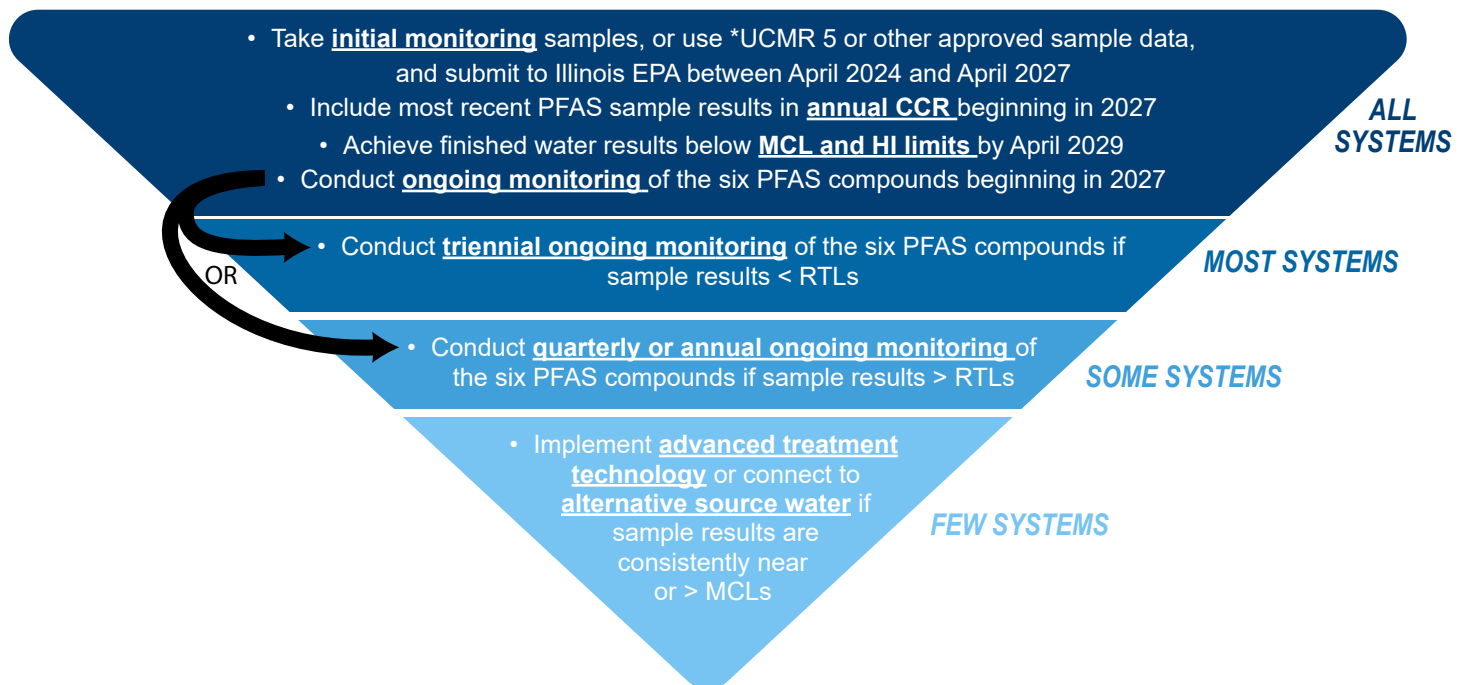


On April 10th, 2024, the US Environmental Protection Agency (USEPA) announced the finalized set of national primary drinking water regulations (NPDWR) for six per- and polyfluoroalkyl substances (PFAS) as an addition to the Safe Drinking Water Act (SDWA). The following graphic depicts the key actions for each community water system (CWS) to achieve compliance. For a summary of additional key details on the final rule, please refer to our white paper.

Maximum Contaminant Levels (MCL), Rule Trigger Levels (RTL), and Hazard Index (HI) Formula

Compound	MCL	RTL
PFOA	4.0 ppt	2.0 ppt
PFOS	4.0 ppt	2.0 ppt
HFPO-DA (GenX)	10 ppt	5.0 ppt
PFHxS	10 ppt	5.0 ppt
PFNA	10 ppt	5.0 ppt
HI Formula Result	1.0 (unitless)	0.5 (unitless)

$$\text{Hazard Index} = \left(\frac{[\text{GenX}_{\text{water}}]}{[10 \text{ ppt}]} \right) + \left(\frac{[\text{PFBS}_{\text{water}}]}{[2000 \text{ ppt}]} \right) + \left(\frac{[\text{PFNA}_{\text{water}}]}{[10 \text{ ppt}]} \right) + \left(\frac{[\text{PFHxS}_{\text{water}}]}{[10 \text{ ppt}]} \right)$$



*A key note about initial monitoring

Groundwater (GW) systems serving less than 10,000 people must take 2 semi-annual samples spaced 5-7 months apart. GW systems serving 10,000 people or more and all surface water systems must take 4 quarterly samples spaced 2-4 months apart. UCMR 5 sampling for GW systems only requires 2 semi-annual samples to be taken, which does not fully meet the initial monitoring requirements for GW systems serving 10,000 people or more.



Link to EEL
PFAS Resources
Webpage

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