

UPDATED 7/31/25

**Cambridge Water Department Per- and Polyfluoroalkyl Substances (PFAS) Monitoring - Analytes detected  
Entry Point to the Distribution System (EPDS) aka Finish Water**

		MasDEP MCL	Quarter I (January-March) 1/8/2025 ng/L (ppt)	Quarter II (April-June) 4/14/2025 ng/L (ppt)	Quarter III (July-September) 7/23/2025 ng/L (ppt)	Quarter IV (October-December) 10/1/2025 ng/L (ppt)
C.A.S.#	Compound Name					
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	x	*TRACE	ND	*TRACE	
335-67-1	Perfluorooctanoic Acid (PFOA)	x	6.35	*TRACE	2.97	
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	x	*TRACE	ND	*TRACE	
375-95-1	Perfluorononanoic Acid (PFNA)	x	ND	ND	ND	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	x	*TRACE	ND	*TRACE	
335-76-2	Perfluorodecanoic acid (PFDA)	x	ND	ND	ND	
Sum of PFAS6 detected			6.35	ND	2.97	
Quarterly Compliance Average						

ND= Not detected

\*TRACE = trace amounts are present, but they are below the minimum concentration that can be reported as a quantified value.

ng/L = nanograms per Liter or ppt, parts per trillion

2.0 ng/L Minimum Reporting Limit (MRL) The lowest quantitated value for a target analyte in a sample. Typically the lowest calibration standard used.

**MassDEP Regulation requires quarterly compliance for PFAS6 MCL:  $\leq 20$  ng/L for sum of PFOA, PFOS, PFHxS, PFNA, PFDA, and PFHpA,**

**MassDEP PFAS Regulations if PFAS6 is detected monthly monitoring is required:**

- If the average of a PFAS6 result and its associated confirmatory sample is greater than 10 ppt, the sampling location must be sampled monthly .
- Monthly Sampling continues until the source is shown to be Reliably and Consistently  $\leq 10$  ng/L.
- Any PWS that is performing monthly PFAS6 monitoring the regulation requires quarterly averaging for compliance.
- If any PFAS6 monthly monitoring value exceeds 20 ppt, the PWS shall provide public education materials regarding the exceedance.