

UPDATED 4/28/26

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

C.A.S.#	Compound Name	MasDEP MCL	Quarter I (January-March) 1/22/2026 ng/L (ppt)	Quarter II (April-June) 4/1/2026 ng/L (ppt)	Quarter III (July-September) 7/23/2025 ng/L (ppt)	Quarter IV (October-December) 10/1/2025 ng/L (ppt)
1763-23-1	<b>Perfluorooctane Sulfonic Acid (PFOS)</b>	x	*TRACE	ND	*TRACE	*TRACE
335-67-1	<b>Perfluorooctanoic Acid (PFOA)</b>	x	3.73	3.10	2.97	4.45
355-46-4	<b>Perfluorohexane Sulfonic Acid (PFHxS)</b>	x	*TRACE	*TRACE	*TRACE	*TRACE
375-95-1	<b>Perfluorononanoic Acid (PFNA)</b>	x	ND	ND	ND	ND
375-85-9	<b>Perfluorohepatanoic Acid (PFHpA)</b>	x	*TRACE	*TRACE	*TRACE	*TRACE
335-76-2	<b>Perfluorodecanoic acid (PFDA)</b>	x	ND	ND	ND	ND
Sum of PFAS6 detected			<b>3.73</b>	<b>3.10</b>	<b>2.97</b>	<b>4.45</b>
<b>Quarterly Compliance Average</b>						

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.