UPDATED 10/19/26

Cambridge Water Department Per- and Polyfluoroalkyl Substances (PFAS) Montoring - 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) 7/8/2026 ng/L (ppt)	Quarter IV (October-December) 10/6/2026 ng/L (ppt)
1763-23-1	**Perfluorooctane Sulfonic Acid (PFOS)**	x	*TRACE	ND	*TRACE	*TRACE
335-67-1	**Perfluorooctanoic Acid (PFOA)**	x	3.73	3.10	2.57	3.68
355-46-4	**Perfluorohexane Sulfonic Acid (PFHxS)**	x	*TRACE	*TRACE	ND	*TRACE
375-95-1	**Perfluorononanoic Acid (PFNA)**	x	ND	ND	ND	ND
375-85-9	**Perfluorohepatanoic Acid (PFHpA)**	x	*TRACE	*TRACE	*TRACE	*TRACE
335-76-2	**Perfluorodecanoic acid (PFDA)**	x	ND	ND	ND	ND
	Sum of **PFAS6** detected		**3.73**	**3.10**	**2.57**	**3.68**
	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: ≤ 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 ≤ 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.