

Updated: 06/24/21

**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	1/6/2021 ng/L (ppt)	2/3/2021 ng/L (ppt)	3/29/2021 ng/L (ppt)	4/1/2021 ng/L (ppt)	5/3/2021 ng/L (ppt)	6/2/2021 ng/L (ppt)	7/7/2021 ng/L (ppt)	8/4/2021 ng/L (ppt)
1763-23-1	<b>Perfluorooctane Sulfonic Acid (PFOS)</b>	x	1.7	1.7	1.9	2.2	2.4	3.0	4.3	4.3
335-67-1	<b>Perfluorooctanoic Acid (PFOA)</b>	x	6.9	6	8.5	7.9	6.8	7.8	7.9	8.3
355-46-4	<b>Perfluorohexane Sulfonic Acid (PFHxS)</b>	x	2.1	2.3	3.03	3.57	2.5	3	2.8	2.9
375-95-1	<b>Perfluorononanoic Acid (PFNA)</b>	x	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
375-85-9	<b>Perfluorohepatanoic Acid (PFHpA)</b>	x	3.2	3	2.4	3.4	2.3	2.9	2.9	3
335-76-2	<b>Perfluorodecanoic acid (PFDA)</b>	x	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sum of <b>PFAS6</b> detected			<b>12.2</b>	<b>11.3</b>	<b>15.8</b>	<b>17.1</b>	<b>14.0</b>	<b>16.7</b>	<b>17.9</b>	<b>18.5</b>

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 Drinking Water, PFAS6 MCL: 20 ng/L for sum of PFOA, PFOS, PFHxS, PFNA, PFDA, and PFHpA,**

**MassDEP PFAS Regulations if PFAS6 is detected:**

Monthly Monitoring

- 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 below the MCL.
- Any PWS where there has been a PFAS detection, and the average of such a detection and an associated confirmatory sample exceeds the PFAS6 MCL, shall provide public education materials regarding the exceedance.