Updated: 02/09/22

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

Compound Name	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)	9/1/2021 ng/L (ppt)	10/4/2021 ng/L (ppt)	n/a ng/L (ppt)	* 12/20/2021 ng/L (ppt)
Perfluorooctane Sulfonic Acid	1.7	1.7	1.9	2.2	2.4	3.0	4.3	4.3	4.7	3.5	n/a	2.40
Perfluorooctanoic Acid (PFOA	6.9	6	8.5	7.9	6.8	7.8	7.9	8.3	9.6	8.5	n/a	7.65
Perfluorohexane Sulfonic Acid	2.1	2.3	3.03	3.57	2.5	3	2.8	2.9	3	2.9	n/a	3.10
Perfluorononanoic Acid (PFNA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n/a	0.00
Perfluorohepatanoic Acid (PFH	3.2	3	2.4	3.4	2.3	2.9	2.9	3	3.4	2.9	n/a	3.15
Perfluorodecanoic acid (PFDA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n/a	0.00
Sum of PFAS6	12.2	11.3	15.8	17.1	14.0	16.7	17.9	18.5	20.7	17.8	n/a	16.30
Quarterly Compliance Average		**13.1**			**15.9**			**19.0**			**17.05**	

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.

*** December data is avarage of two samples collected in December(Pace Lab and Eurofin Lab)**