



# Chelmsford Water District

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## Chelmsford Water District PFAS Summary and Update

July 16, 2021

The Chelmsford Water District (the "District") will be providing updates regarding per- and polyfluoroalkyl substances (PFAS). The District will continue to monitor for PFAS6 in its finished water and will update the public regarding any actions or issues related to potential PFAS contamination that may be found in its water. If you need any additional information or clarification on any of these items, contact Todd Melanson, Environmental Compliance Manager 978-256-2931 [tmelanson@chelmsfordwater.com](mailto:tmelanson@chelmsfordwater.com)

### Regulatory summary and update:

On October 2, 2020, the Massachusetts Department of Environmental Protection (MassDEP) published its PFAS public drinking water standard known as a maximum contaminant level (MCL) of 20 nanograms per liter (ng/L) or ppt - individually or for the sum on the concentrations of six specific PFAS compounds. These six PFAS compounds are: perfluorooctane sulfonic acid (PFOS); perfluorooctanoic acid (PFOA); perfluorohexane sulfonic acid (PFHxS); perfluorononanoic acid (PFNA); perfluorodecanoic acid (PFHpA); and perfluorodecanoic acid (PFDA). MassDEP abbreviates this set of six PFAS compounds as "PFAS6".

### Chelmsford Water District Action Summary:

The July pre-regulatory sampling as well as the initial regulatory and confirmatory sampling rounds which occurred in November and December 2020 results were posted on the District's Summary and Update of **January 21, 2021**. The individual results for the First Quarter of 2021 were posted on the District's Summary and Update of **March 29, 2021**. All Summary and Updates are online at the District's website: [District PFAS Summary and Updates | Chelmsford Water District](#)

The Monthly Compliance Sampling and Quarterly results are shown in ppt and special notes (\*):

2 <sup>nd</sup> Quarter Results				2021 Quarterly Average		
Dates:	14-Apr-21	12-May-21	16-Jun-21	Jan-Mar	April-June	MADEP MCL
				1st Qtr	2 <sup>nd</sup> Qtr	
CS WTP	18.2	19.7	23.1	14	20	20
RN WTP	14.0	13.4	13.8	13	14	20
SS WTP	8.3	7.1	7.9	9.0	8.0	20

These results require the District to continuing monthly compliance monitoring which was initiated on January 2021 and will continue to be reported on a quarterly timeline to MCL compliance but there are no MCL violations.

The District's application for the competitive MassDEP PFAS Grant/Reimbursement for Engineering and Design Work for PFAS Remediation, was approved with legislative support from its House members and accepted by the District in the amount of roughly \$200,000. Although the District currently does not require treatment at this time, it has started the work on planning for it, should it become necessary.

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