



Chelmsford Water District

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Chelmsford Water District PFAS Summary and Update

March 29, 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

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

Individual Results				2021 Quarterly Average	
Dates:	13-Jan-21	10-Feb-21	10-Mar-21	Jan-Mar	MADEP MCL
				1st Qtr	
CS WTP	12.9	13.5	15.2	13.9	20.0
RN WTP	12.7	13.4	12.7	12.9	20.0
SS WTP	8.0	NA*	10.0	9.0	20.0

*Smith St WTP was not operating at the time of sampling.

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 can now start the work on planning for it, should it become necessary.