



DEDHAM-WESTWOOD WATER DISTRICT

50 Elm Street • Dedham, MA 02026 (781) 329-7090 • Fax (781) 329-8737 www.dwwd.org

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For further information contact:

Dedham – Westwood Water District
50 Elm Street
Dedham, MA 02026
Phone: (781) 329-7090
Email: waterquality@dwwd.org

The Dedham-Westwood Water District Has Achieved Tier 2 Compliance for Total Trihalomethanes

Dedham, MA – The Dedham – Westwood Water District is pleased to announce that we have achieved compliance and are no longer in violation of a Tier 2 Massachusetts Drinking Water Regulation. Together, our team of water professionals executed a plan to reduce the locational running annual average (LRAA) for total trihalomethanes (TTHM) in the public drinking water supply, including flushing the water distribution system, blending water from the Massachusetts Water Resources Authority (MWRA), and continually sampling and monitoring the levels of TTHM in the water to ensure our actions were having an impact and to protect public health and safety.

TTHM COMPLIANCE

Sample Location	Q2 (Apr - Jun)		Q3 (Jul - Sep)		Q4 (Oct - Dec)		Q1 (Jan - Mar)		OEL Q1	LRAA
	Date	ppb	Date	ppb	Date	ppb	Date	ppb		
Dedham Medical Associates	4/6/2021	58	7/8/2021	89	10/7/2021	118	1/6/2022	24	64	73
Getty Gas Station	4/6/2021	33	7/8/2021	46	10/7/2021	81	1/6/2022	57	60	54
East Dedham Fire Station	4/6/2021	45	7/8/2021	64	10/7/2021	42	1/6/2022	24	39	44
Far Reach Pump Station	4/6/2021	58	7/8/2021	89	10/7/2021	109	1/6/2022	23	61	70
MCL = 80 (ppb)		Was OEL exceeded				NO		Was the MCL exceeded		NO

TTHMs are a group of disinfection byproducts that form when chlorine compounds, which are used to disinfect water, react with other naturally occurring chemicals in the water. They are colorless and will evaporate out into the air. There are four significant TTHM (chloroform, bromoform, bromodichloromethane, and dibromochloromethane) potentially found in disinfected drinking water and their combined concentration is referred to as total TTHM.

The Dedham-Westwood Water District is working with the MWRA to continue to blend the water supply, while our consultant, Weston & Sampson is in the process of designing an enhance treatment process to our Bridge Street Water Treatment Plant that includes the installation of tank mixers, aerators, and vents. We anticipate implementing the procurement process to begin in the spring of 2022, with construction to follow later in the year.

We will continue to monitor the public drinking water supply for all regulated inorganic substances, synthetic organics, volatile organic compounds (vocs), Total Coliform, e.coli bacteria, unregulated (secondary) substances, organic disinfection byproducts, radionuclides, as well as lead and copper. Our team is committed to providing clean, safe water. As stewards of this valuable resource, we take our job to protect public health and safety seriously. Our team of 30+ professionals work around the clock to provide reliable, cost-effective, high-quality water service that protects public health, promotes environmental stewardship, maintains customer confidence, and supports economic development and sustainability.

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