

# MILFORD MUNICIPAL UTILITIES

## 2019 WATER QUALITY REPORT

This report contains important information regarding the water quality in our water system. The source of our water is surface water. **Our water quality testing shows the following results:**

CONTAMINANT	MCL (MCLG)	COMPLIANCE		DATE	VIOLATION	SOURCE
		Type	Value & (Range)		Yes/No	
Lead (ppb)	AL=15 (0)	90th	1 (ND - 2)	2017	No	Corrosion of household plumbing systems; Erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.14 (0.03 - 0.17)	2017	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Total Trihalomethanes (ppb) (TTHM)	80 (N/A)	LRAA	50 (22 - 77)	2019	No	By-products of drinking water chlorination
Total Haloacetic Acids (ppb) (HAA5)	60 (N/A)	LRAA	25 (12 - 38)	2019	No	By-products of drinking water disinfection
<b>DISTRIBUTION SYSTEM</b>						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	1.8 (1.37 - 2.10)	2019	No	Water additive used to control microbes
<b>TREATMENT PLANT</b>						
Fluoride (ppm)	4 (4)	SGL	0.92 (0.30 - 0.92)	2019	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Sodium (ppm)	N/A (N/A)	SGL	14	10/8/2019	No	Erosion of natural deposits; Added to water during treatment process
Nitrate [as N] (ppm)	10 (10)	SGL	<0.25	7/15/2019	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Turbidity (NTU)	N/A (N/A)	TT	Single High 0.093 100% <0.3	2019	No	Soil runoff

**NOTE** - Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

**OTHER INFORMATION** - Turbidity is an indicator of treatment filter performance and is regulated as a treatment technique.