



Department of Environmental Protection

Central Regional Office • 8 New Bond Street, Worcester MA 01606 • 508-792-7650

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February 25, 2019

Groton Water & Sewer Department
173 Main Street
Groton, MA 01450

PWS Town: GROTON
PWS Name: Groton Water Department
PWSID#: 2115000
Program: Water Quality - Manganese

Attn: Thomas Orcutt, Water Superintendent

Re: Manganese Results Greater than 0.30 mg/L

Dear Public Water Supplier,

The Massachusetts Department of Environmental Protection (MassDEP) is in receipt of your latest manganese results. Your test results confirm that the manganese level in your finished water is greater than 0.30 mg/L, MassDEP's Office of Research and Standards Guidance Level (ORSGL) for manganese. MassDEP recommends that people drink water with manganese levels less than 0.30 mg/L over a lifetime and also recommends that people limit their consumption of water with levels over 1.0 mg/L, primarily to decrease the possibility of adverse neurological effects. ***Infants up to one year of age should not be given water with manganese over 0.30 mg/L, nor should formula for infants be made with that water for more than a total of 10 days throughout the year.***

See MassDEP's website for more information about manganese in drinking water

<https://www.mass.gov/lists/contaminants-in-drinking-water#manganese->

PWSID	PWS NAME	CLASS	WATER TYPE	LOC CODE	LOC NAME	COLLECTED	CHEMICAL NAME	RESULT	UOM
2115000	GROTON WATER DEPARTMENT	COM	F	04G	WHITNEY WTF WELL #2 (TREATED)	30-Jan-19	MANGANESE	0.364	MG/L
2115000	GROTON WATER DEPARTMENT	COM	F	04G	WHITNEY WTF WELL #2 (TREATED)	26-Dec-18	MANGANESE	0.439	MG/L
2115000	GROTON WATER DEPARTMENT	COM	F	04G	WHITNEY WTF WELL #2 (TREATED)	01-Oct-18	MANGANESE	0.446	MG/L
2115000	GROTON WATER DEPARTMENT	COM	F	04G	WHITNEY WTF WELL #2 (TREATED)	19-Jul-18	MANGANESE	0.278	MG/L
2115000	GROTON WATER DEPARTMENT	COM	F	04G	WHITNEY WTF WELL #2 (TREATED)	11-Apr-18	MANGANESE	0.23	MG/L
2115000	GROTON WATER DEPARTMENT	COM	F	04G	WHITNEY WTF WELL #2 (TREATED)	16-Jan-18	MANGANESE	0.265	MG/L