

# 2015 WATER QUALITY REPORT FOR LENOX WATER SUPPLY

*Final Draft  
6-10-2016*

This report contains important information regarding the water quality in our water system. The source of our water is surface water. All of the water is purchased. Purchased water comes from Creston Water Supply. Our water quality testing shows the following results:

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation Yes/No	Source
		Type	Value & (Range)			
Total Trihalomethanes (ppb) [TTHM]	80 (N/A)	LRAA	57.00 (28 - 83)	09/30/2015	No	By-products of drinking water chlorination
Total Haloacetic Acids (ppb) [HAA5]	60 (N/A)	LRAA	36.00 (14 - 56)	09/30/2015	No	By-products of drinking water disinfection
Lead (ppb)	AL=15 (0)	90th	5.00 (ND - 5)	2015	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.26 (0.05 - 0.48)	2015	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
<b>950 - DISTRIBUTION SYSTEM</b>						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	1.8 (1.51 - 2)	06/30/2015	No	Water additive used to control microbes

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

## DEFINITIONS

- Maximum Contaminant Level (MCL) – The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- Maximum Contaminant Level Goal (MCLG) -- The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- ppb -- parts per billion.
- ppm -- parts per million.
- pCi/L – picocuries per liter
- N/A – Not applicable
- ND -- Not detected
- RAA – Running Annual Average
- LRAA – Locational Running Annual Average
- Treatment Technique (TT) – A required process intended to reduce the level of a contaminant in drinking water.
- Action Level (AL) – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- SGL – Single Sample Result
- TCR – Total Coliform Rule
- NTU – Nephelometric Turbidity Units

## GENERAL INFORMATION

**PURCHASED WATER INFORMATION**

Our water system purchases water from the system(s) shown below. Their water quality is as follows:

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation	Source
		Type	Value & (Range)			
<b>8816089 - CRESTON WATER SUPPLY</b>						
<b>01 - TWELVE MILE LAKE @ WATER PLANT</b>						
Sodium (ppm)	N/A (N/A)	SGL	7	01/13/2015	No	Erosion of natural deposits; Added to water during treatment process
Nitrate [as N] (ppm)	10 (10)	SGL	0.5	2015	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Dalapon (ppb)	200 (200)	SGL	0.70	04/21/2015	No	Runoff from herbicide used on rights of way
<b>02 - THREE MILE LAKE AFTR TRTMT @ WTR PLT</b>						
Fluoride (ppm)	4 (4)	SGL	0.79	06/10/2013	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Barium (ppm)	2 (2)	SGL	0.09	06/10/2013	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Sodium (ppm)	N/A (N/A)	SGL	6.3	07/27/2015	No	Erosion of natural deposits; Added to water during treatment process
Nitrate [as N] (ppm)	10 (10)	SGL	1.8	2015	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Dalapon (ppb)	200 (200)	SGL	0.50	06/10/2013	No	Runoff from herbicide used on rights of way
Total Organic Carbon (TOC) (ppm)	Greater than or equal to 1.00	RAA	1.37	2015	No	Naturally present in the environment
Turbidity (NTU)	0.30 NTU (N/A)	TT	0.044-0.106 Highest Single Reading: 0.106 NTU Average=0.067	2015	No	Soil runoff
Fluoride (ppm)	4 (4)	RAA	0.69-0.81 Average = 0.73	2015	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Contact Time Ratio (CT)	N/A	TT	Range 1.6-67.8 Average 13.86	2015	No	