



Dixon

Typical Water Quality Information

PWSID Number: 8225043

Area Served: Dixon

Where Does My Water Come From?

The Dixon water supply obtains its water from the dolomite of the Silurian aquifer. The Silurian aquifer was determined to be slightly susceptible to contamination because the characteristics of the aquifer and overlying materials provide moderate protection from contaminants at the land surface. Dixon's Silurian well will be slightly susceptible to surface contaminants such as leaking underground storage tanks, contaminant spills, and excess fertilizer application.

Average amount of water supplied to customers on a daily basis

13.78 thousand gallons per day

Parameter	Average or Range	Comments
pH	N/A	Ground water source – monitoring not required
Total Hardness (as CaCO ₃)	335 mg/L	Erosion of naturally occurring calcium / magnesium content in the water
Total Hardness (as CaCO ₃)	19.5 grains per gallon	Erosion of naturally occurring calcium / magnesium content in the water
Fluoride	0.15 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	10.2 mg/L	No MCL – Informational only
Iron	ND	Naturally occurring, Secondary Standard Limit = 0.3 mg/L

Parameter	Average or Range	Comments
Manganese	ND	Naturally occurring, Secondary Standard Limit = 50 ug/l
Type of disinfection	N/A	Chlorine
Disinfectant residual level in the distribution system	.89 – 1.32 mg/L	MRDL RAA = 4.0 mg/L
Lead [90 th percentile result]	5 ug/L	Corrosion of household plumbing Action Level = 15 ug/L
Copper [90 th percentile result]	0.10 mg/L	Corrosion of household plumbing Action Level = 1.3 mg/L
Nitrate	0.25 mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits MCL = 10 mg/L

Definitions

- mg/L – milligrams per liter; one milligram per liter is equal to one part per million, which is approximately the same as 1 second in 11.5 days
- ug/L – micrograms per liter; one microgram per liter is equal to one part per billion, which is approximately the same as 1 second in 31.7 years
- N/A – not applicable
- ND – not detected
- MCL – Maximum Contaminant Level – the highest level of a contaminant allowed in drinking water under State and Federal regulations
- MRDL Running Annual Average – Maximum Residual Disinfectant Level Running Annual Average – the maximum residual disinfectant level allowed based on a 12 month running annual average

For a complete report of your water quality, please refer to the Water Quality Report located on the American Water web site.

For more information on your water quality, please contact
Josh Lighton at 563-322-8814, extension 6

Other inquiries should be directed to our
Customer Service Center at 1-866-641-2108