

Drinking Water Quality Report

Your village water utility operates 3 deep wells which pump an average of 450,000 gallons of water a day. The water utility complies with strict Federal and State regulations and meets or exceeds the standards for tap water. Customers with water service lines made of lead pipe may experience lead levels in their drinking water above the Federal standard. Lead and copper are not found in significant amounts in the groundwater which is your village's source of drinking water. Due to the naturally corrosive nature of our water however, lead and copper can leach from pipe walls and plumbing fixtures when it comes in contact with these metals. The village utility conducts lead and copper samples yearly in a select group of homes in areas likely to contribute to elevated levels of lead and copper. Your water utility meets state and federal lead and copper level standards as a whole but individual homes may not. None of the homes out of 20 sampled, in 2002, exceeded the lead and copper standards. Once again in 2005 the village utility is required to test 20 homes for lead and copper. Thirty six organic and inorganic samples were taken in 2002, all were under the MCL. Samples for organics, synthetic organics and volatile organics will be taken in 2005 at Well #4.

North Fond du Lac's village utility currently replaces its sections of the water service lateral on all watermain relays. The homeowner is then encouraged to replace their section of lateral service line if it is found to be made of copper or lead.

All drinking water, including bottled water, can be expected to contain at least small amounts of some contaminants. It is important to remember that the presence of these contaminants does not necessarily pose a health threat. Infants and young children are typically more vulnerable to lead in drinking water than the general population. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. For more information about contaminants and potential health effects, you can call the Environmental Protection Agency Safe Drinking Water Hotline at 1-800-426-4791.

Annually, the village is required by the State of Wisconsin to provide you, the water utility customer, with a report on the quality of its water. If you have any questions about this report or your water utility please contact Mike Tolvstad, Director of Public Works at 929-3765 between the hours of 8:00 a.m. to 4:30 p.m. Monday through Friday.

Definition of Terms Used in the Chart on the Following Page

Term	Definition
AL	Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow
MCL	Maximum Contaminant Level: 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.
MCLG	Maximum Contaminant Level Goal: 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.
mrem/year	Millirems per year (a measure of radiation absorbed by the body).
pCi/l	picocuries per liter (a measure of radioactivity)
ppm	parts per million, or milligrams per liter (mg/l)
ppb	parts per billion, or micrograms per liter (ug/l)

Organic Contaminants

Contaminant (units)	MCL	MCLG	Level Found	Range	Date of Sample	Violation	Typical Source of Contaminant
COPPER (ppm)	AL=1.3	1.3	.1224	.1224 mg/l	8/28/02	NO	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservative
FLUORIDE (ppm)	4	4	1.37pp	1.37ppm		NO	Erosion of natural deposits; Water additives which promote strong teeth; Discharge from fertilizer and aluminum factories
LEAD (ppb)	AL=15	0	4.00	15 mg/l	8/28/02	NO	Corrosion of household plumbing systems; Erosion of natural deposits
NITRATE (N03-N) (ppm)	10	10	0.012	.0003-.48	9/9/04	NO	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Radioactive Contaminants

Contaminant (units)	MCL	MCLG	Level Found	Range	Date of Sample	Violation	Typical Source of Contaminant
GROSS ALPHA, EXCL. R & U (pCi/l)	15	0	13.6 (average)	2-15	7/24/02	NO	Erosion of natural deposits
GROSS BETA PARTICLE ACTIVITY (pCi/l)	50	n/a	11.1 (average)	3-50	07/24/02	NO	Decay of natural and man-made deposits. MCL units are in millirem/year. Calculation for compliance with MCL is not possible unless level found is greater than 50 pCi/l.
RADIUM (226 + 228) (pCi/l)	5	0	3.7	3.7	04/24/02	NO	Erosion of natural deposits
URANIUM (Pci/l)	NA	0	2.+0.2	2.+0.2	7/24/2002	NO	