

Negaunee Township Water Consumer Confidence Report
April 2015

Negaunee Township Water Department is pleased to present this year's Consumer Confidence Water Report. We designed this report to inform you about the water quality and the services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the drinking water and protect our water resources. We are committed to ensuring the quality of your water. Our water source comes from two wells located North of County Road 492 approximately 2 mile east of the junction M-35 and County Road 492. Well number One is 174 feet deep. The pump is a 40-horsepower submersible that pumps 225 gallons per minute. Well number Two is 152 feet deep the pump is a 40 horse power submersible that pumps 325 gallons per minute. Negaunee Township provides municipal water service principally to residents living within the area one mile north and south of US-41/28. This system consists of the two wells and a two hundred thousand gallon elevated storage tank located by the Community Center on M-35. With the existing pumps the maximum they can produce is about 792,000 gallons /24 hours. Current use per day is about 100,000 gallons per day during the winter and about 130,000 gallons per day in the summer months. NO chemicals are added to the water for treatment purposes, before we deliver it to our customers!

Reason for Report - This report shows our water quality and what it means.

Questions Concerning this Report - If you have any questions about this report or concerning your water utility, please contact Russ Williams at 906-475-7869 or E-mail him at rwilliams@negauneetownship.org. We want our customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled Township meetings. They hold them on the second Thursday of each month at 7:00 p.m. in the Negaunee Township Community Center M-35.

Monitoring - Negaunee Township Water System routinely monitors for contaminants in your drinking water according to Federal and State laws. This table shows the results of our monitoring during January 1, 2014 to December 31, 2014. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. Remembering that the presence of these constituents does not necessarily pose a health risk is important.

Definition of Terms - In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we have provided the following definitions of terms:

N/A: Not applicable **ND:** not detectable at testing limit **ppb:** Parts per billion or micrograms per liter **ppm:** parts per million or milligrams per liter **pCi/l:** picocuries per liter (a measure of radioactivity).

Millirems per year (mrem/yr) - measure of radiation absorbed by the body.

Action Level (AL) - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level - (mandatory language) The **Maximum Allowed (MCL)** is 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 - (mandatory language) The **Goal (MCLG)** is 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.

Why are there contaminants in drinking water? - All sources of drinking water are subject to potential contamination by substances that are naturally occurring or manmade. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Explanation of MCLs - MCLs are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Required Additional Health Information - Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Closing Remarks

Please call our office if you have any questions regarding this report or any other concerns about your water.

Negaunee Township Water Department is committed to providing its water customers with the best quality water. We ask that all the residents of Negaunee Township help us protect our water source, keeping the water clean is easier than it is to try to clean contaminated water.

Test Results for the year 2014

TEST RESULTS						
Regulated Contaminant	MCL	MCLG	Level Detected	Sampled	Violation yes/no	Typical Source of Contaminant
Nitrate(ppm)	10	10	1.1	06/14	No	Erosion or leaching from septic systems
Unregulated Contaminants						
Sulfate (ppm)			ND	06/14	No	Erosion of natural contaminants
Sodium (ppm)			20	06/14	No	
Contaminant Subject to AL	Action Level		90%of Samples < This level	Sampled	Number of Samples Above AL	Typical Source of Contaminant
Lead (ppb)	15		3	06/14	0	Corrosion of household plumbing systems. Erosion of natural deposits: Leaching from wood preservatives
Copper (ppb)	1300		60	06/14	0	Corrosion of household plumbing systems. Erosion of natural deposits: Leaching from wood preservatives

As you can see by the table, our system had NO violations and all samples were below the MCL or Action Levels. We are proud that your drinking water meets or exceed all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected. The EPA has determined that your water IS SAFE at these levels.