



## SCIT Utility Authority Consumer Confidence Report and annual Drinking Water Report

*(Editor's Note: The following report was submitted by Water Operator Supervisor Joe Johnson.)*

**Is My Water Safe?** During 2015, your tap water met all U.S. Environmental Protection Agency (EPA) drinking water safety standards. Your Tribal employees vigilantly safeguard your water and supplies and we are proud to report that your water system had no violations of maximum contaminant levels or any other drinking water quality standards this past year. This report will give you even more information about the safety of your water supply. Please read on for additional information. Informed customers are our best allies.

**Do I need to take special precautions?** Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised 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. The EPA/Centers of Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (**1-800-426-4791**).

**Where does my water come from?** Water for consumer use can come from a variety of sources including rivers, lakes and other surface waters. Your Tribal supply comes from underground aquifers as groundwater to your wells. A benefit of ground water is it is naturally filtered through rocks and soil. Our tribe has four wells. Well #3 is located off of Little Elk Road. Well #4 is located west of Shepherd Road. Well #5 is located north of Remus Road and Well #6 is located north of Ogemaw. The water softening plant was put into operation on April 5, 2000. Please consider not using your home water softener for the following reasons: your water will have an increase in the sodium (salt) content and you water could become corrosive. The plant was designed and is operated to provide the tribal homes and businesses with water that is balanced and softened. Re-softening can create a tinny taste and cause you to use extra water to remove soap residues. The water plant does add fluoride to the water. If you have an aquarium with tropical fish, check with your local pet store for proper treatment of the water to avoid harmful effects on your fish.

**Source water assessment and its availability:** The tribe has worked with the U.S. EPA to conduct a source water assessment. This assessment consists of identifying the area(s) around

the well(s), which need to be protected from contaminations, identifying potential sources of contamination, and determining the susceptibility of the wells to contamination. The assessment also gives us information we need as a tribal community to make sure our drinking water is safe now and in the future. We have a copy available at the water plant for review to anyone who wishes to read it. This was updated in 2009.

**Vulnerability Study and Emergency Response Plan:** We are required to do a vulnerability study and file it with the EPA. This has been completed as well as the Emergency Response Plan. These are available for review at the water plant.

**Why are contaminants in drinking water?** 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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (**1-800-426-4791**).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and in some cases radioactive material. It can also pick up substances resulting from the presence of animals or human activity.

Microbial contaminants, such as viruses and bacteria, may come

from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.

Inorganic contaminants, such as salts and metals, can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by products of industrial processes and petroleum production, can also come from gas stations, urban storm water runoff and septic systems.

Radioactive contaminants which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to insure that the tap water is safe to drink, the EPA prescribes regulations, which limit the amount of certain contaminants in water that is provided by a public water system.

**How to identify Utility staff employees:** All Employees of the Utility Department of the Saginaw Chippewa Indian Tribe wear shirts that have the tribal logo on them, have a tribal employee badge and should be arriving at a residence in a company vehicle.

If you ever have a question about someone being at your residence and you are not sure if they are an employee, please call us at **989-775-5141** to verify that they are who they claim to be.

How can I become involved in the safety of my drinking water? If you would like to become involved with your water safety, please call us at **989-775-5141**.

### Non-Gaming Commercial

#### Flat Fee (Per Quarter):

5/8" Meter: \$15    1" Meter: \$38.85    2" Meter: \$124.20  
Over 2" Meter and up to 4" Meter: \$400

Over 4" Meter: As determined on an individual basis by the Authority

#### Monthly Variable

**Rate:** \$2.42 per 1,000 gallons    **Sewer Rate:** \$2.52 per 1,000 gallons (gallons charged are based on 80% of water usage)

#### Miscellaneous Fees

\$15 to tag for a shutoff	\$25 for meter removal (snowbird)
\$15 for non-emergency shutoff	\$25 to reinstall meter (snowbird)
\$30 for non-payment shutoff	\$50 for reconnection after shutoff

### Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report.

#### Terms and Abbreviations Used to the Right:

**MCLG:** Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

**MCL:** Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

**AL:** Action Level: The concentration of a contaminant, which if exceeded, triggers treatment or other requirements that a water system must follow.

**(See table to the right for values.)**

All water samples tested for bacteria content were negative for the test results. Due to excellent results on previous testing the following was requested: A Synthetic Organic Contaminants (SOC) waiver was requested in 2009. A Dioxin waiver was requested in 2009. Lead and Copper testing is required every three years. The test results were given to the individual homeowners. The results listed are the 90th percentile results. The required VOC testing was done in October of 2011 and except for the Total Trihalomethanes

Michigan Department of Environmental Quality Drinking Water Laboratory

### Official Laboratory Report

Sample Number: LF78725		Sample Point: Hydrant Leaton				
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS#
Bromoacetic acid	Not detected	8/20/15	0.001	EPA 5521/5522	79-08-2	
Bromochloroacetic acid	Not detected	8/20/15	0.001	EPA 5521/5522	5589-96-3	
Chlorobromoacetic acid	Not detected	8/20/15	0.002	EPA 5521/5522	79-11-8	
Dalapon	Not detected	8/20/15	0.001	EPA 5521/5522	75-99-0	
Dibromoacetic acid	0.001	8/20/15	0.001	EPA 5521/5522	631-64-1	
Dichloroacetic acid	Not detected	8/20/15	0.001	EPA 5521/5522	79-43-6	
Total Haloacetic Acids (five)	0.001	8/20/15	NA	0.06	EPA 5521/5522	THA-00-C
Trichloroacetic acid	Not detected	8/20/15	0.001	EPA 5521/5522	76-03-9	
Total Trihalomethanes						
Bromodichloromethane	0.0027	8/19/15	0.0005	0.08	EPA 5521/5522	75-27-4
Bromoform	0.0049	8/19/15	0.0005	0.08	EPA 5521/5522	75-25-2
Chlorodibromomethane	0.0052	8/19/15	0.0005	0.08	EPA 5521/5522	124-48-1
Chloroform	0.0011	8/19/15	0.0005	0.08	EPA 5521/5522	67-66-3
Total Trihalomethanes	0.0139	8/19/15	0.0005	0.08	EPA 5521/5522	TTMH-00-C

Sample Number: LF78724		Sample Point: Hydrant Makwa				
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS#
Bromoacetic acid	Not detected	8/20/15	0.001	EPA 5521/5522	79-08-2	
Bromochloroacetic acid	0.001	8/20/15	0.001	EPA 5521/5522	5589-96-3	
Chloroform	Not detected	8/20/15	0.002	EPA 5521/5522	79-11-8	
Dalapon	Not detected	8/20/15	0.001	EPA 5521/5522	75-99-0	
Dibromoacetic acid	0.003	8/20/15	0.001	EPA 5521/5522	631-64-1	
Dichloroacetic acid	Not detected	8/20/15	0.001	EPA 5521/5522	79-43-6	
Total Haloacetic Acids (five)	0.003	8/20/15	NA	0.06	EPA 5521/5522	THA-00-C
Trichloroacetic acid	Not detected	8/20/15	0.001	EPA 5521/5522	76-03-9	
Total Trihalomethanes						
Bromodichloromethane	0.0084	8/19/15	0.0005	0.08	EPA 5521/5522	75-27-4
Bromoform	0.0098	8/19/15	0.0005	0.08	EPA 5521/5522	75-25-2
Chlorodibromomethane	0.0114	8/19/15	0.0005	0.08	EPA 5521/5522	124-48-1
Chloroform	0.0031	8/19/15	0.0005	0.08	EPA 5521/5522	67-66-3
Total Trihalomethanes	0.0353	8/19/15	0.0005	0.08	EPA 5521/5522	TTMH-00-C

Sample Number: LF78726		Sample Point: Entry to Distribution Plant				
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS#
Chloride	31	8/19/15	4	4	SM 4500-CE	7647-14-5
Flouride	0.63	8/19/15	0.1	4	SM 4500 FC	16984-48-8
Hardness as CaCO <sub>3</sub>	125	8/19/15	20	20	SM 2340 C	HARD-00-C
Iron (automated)	Not detected	8/19/15	0.1	0.1	SM 350 FeB	7459-89-6
Nitrate as N	Not detected	8/19/15	0.4	10	10-107-042-B	1497-55-8
Nitrite as N	Not detected	8/19/15	0.05	1	10-107-042-B	1497-65-0
Sodium (automated)	107	8/19/15	5	5	SM 3500 NaB	7448-23-5
Sulfate	180	8/19/15	10	10	SM 4500 SO4	14808-79-6

This analysis performed by the MDEQ Water Laboratory was conducted using methods approved by the Michigan Protection Agency under the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate. Your local health department has detailed information on the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept. / 2012 East Preston, Mount Pleasant, MI 48858 / 989-773-5921

### Test Report: Determine of Asbestos Structures >10µm in Drinking Water Performed by the 10.2 Method (EPA 600/R-94/134)

Sample ID	Client/ESML	04153484-0001
Sample Filtration (Date/Time)	11/19/2015 10:30 a.m.	
Original Sample Vol. Filtered (ml)	100	
Effective Filter Area (mm <sup>2</sup> )	1354	
Area Analyzed (mm <sup>2</sup> )	0.0792	
Asbestos Types	None Detected	
Fibers Detected	None Detected	
Analytical Sensitivity	0.17	
Concentration MFL (million fibers per liter)	<0.17	
Confidence Limits	0.00 - 0.63	

Initial report from: 12/01/2015 15:13:04 / Sample Collection and containers provided by the client, acceptable bottle blank level is defined as <=0.01MFL/10µm, ND=None Detected.

### Drinking Water Notice

Monitoring requirements not met for Saginaw Chippewa Tribe

We violated a drinking water standard. Even though this was not an emergency, as our customers, you have a right to know what happened and what we are doing to correct this situation.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During September 2008 we did not complete all monitoring for Total Coliform and Chlorine Residuals and therefore cannot be sure of the quality of our drinking water during that time.

#### What this Means

There is nothing you need to do at this time. The table below lists the contaminant(s) we did not properly test for, how often we are supposed to sample for them and how many samples we are supposed to take, how many samples we took, when samples should have been taken, and the date on which follow-up samples (were or will be) taken.

Contaminant	Chlorine Residual/TCR
Required sampling frequency	10 Samples
Number of samples taken	7
When all samples should have been taken	May 2015
When samples were or will be taken	N/A

#### Steps We Are Taking (or Have Taken)

All operating personnel have been retrained and supervision will check log daily. For more information, please contact Joe J. Johnson of Saginaw Chippewa Utilities at 989-775-5235 or 7377 E. Tombah Rd.

Please share this information with all other people who drink this water, especially those who may have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

State Water System ID#: 5293201

Date Distributed: May 2016