

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Monitoring Requirements Not Met for Grant Township - Copper Harbor

We are required to monitor your drinking water for specific analytes on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During July 1 to December 31, 2020, we did not monitor for water quality parameters (WQPs) and, therefore, cannot be sure of the quality of our drinking water during that time. However, this violation **does not** pose a threat to your supply's water.

What should I do? There is nothing you need to do at this time. This is not an emergency. You do not need to boil water or use an alternative source of water at this time. Even though this is not an emergency, as our customers, you have a right to know what happened and what we did to correct the situation.

The table below lists the analytes we did not properly test for, how often we are supposed to sample for this analyte, how many samples we are supposed to take, how many samples we took, when samples should have been taken, and the date we will collect follow-up samples.

Analytes	Required sampling frequency	Number of samples taken	When all samples should have been taken between	Date samples were taken on
WQP ¹	1 sample/every two weeks	0	September 20 - October 3, 2020	October 14, 2020
WQP ¹	1 sample/every two weeks	0	October 18 - October 31, 2020	November 2, 2020

What happened? What is being done? We failed to take and analyze samples for all of the required parameters within the required sampling periods. Monitoring of WQP is an essential part of a corrosion control treatment program and is used to evaluate the potential aggressiveness of water on plumbing and fixtures. Sampling of WQPs is required to safeguard public health. We will continue to work with the Michigan Department of Environment, Great Lakes, and Energy to remain in compliance.

For more information, please contact: Mr. Greg Mielcarz, Township Clerk, Grant Township - Copper Harbor, P.O. Box 76, Copper Harbor, Michigan 49918; Phone Number: (906) 289-4292

Please share this information with all the other people who drink this water, especially those who may not 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.

This notice is being sent to you by: Grant Township - Copper Harbor

***Copper Harbor Water Department is required to collect Water Quality Parameter samples once every two weeks. Each sample that is collected is tested for alkalinity, conductivity, calcium, chloride, sulfate, orthophosphate, pH and temperature. During the two sampling periods listed above we DID NOT include calcium in our testing request. We were unable to retest within the sampling period and therefore NONCOMPLIANT which prompted this violation. Please see attached sampling results.**

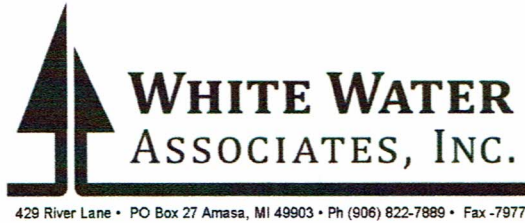
WQP are a group of analytes that are indicators of corrosivity. They can include pH, alkalinity, calcium, conductivity, temperature, sulfate, chloride, and orthophosphate.

CERTIFICATION:

WSSN: 01630

I certify that this water supply has fully complied with the public notification regulations in the Michigan Safe Drinking Water Act, 1976 PA 399, as amended, and the administrative rules.

Signature: *Tom U...* Title: *Operator* Date Distributed: *5/14/21*



Client: Copper Harbor WWTP **WWA Job #:** 91390
Project: Monitoring **Sample Matrix:** Drinking water
Date Received: 9/22/2020 **Date Reported:** 10/13/2020

Sample Number | ID | Description | Date/Time Sampled

91390-001 | Point of Entry | 9/21/2020 12:00:00 PM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Alkalinity (dw) as CaCO3	130		mg/L	9/25/2020 12:40	2320B	3.0	20	NK
Chloride (dw)	7.3		mg/L	9/30/2020 1:27	300.0	0.30	1.0	AC
Conductivity Lab	260		umho/cm	9/23/2020 14:20	2510B	1	1	NK
pH Lab	7.3		pH Units	9/22/2020 12:00	4500H+ B	0.10	0.10	NK
Sulfate (dw)	2.0		mg/L	9/30/2020 1:27	300.0	0.30	1.0	AC

CERTIFICATION

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and White Water Associates Standard Operating Procedures. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this Final Report is authorized by White Water Associates management, as is verified by the following signature.

Approved By: Electronically signed by Bette J. Premo

NOTES

ND = not detected, MDL = method detection limit, MQL = method quantitation limit
 ppm = mg/L (liquid) or mg/kg (solid), ppb = ug/L (liquid) or ug/kg (solid)
 Negative = No coliform bacteria detected, Positive = Coliform bacteria detected
 B The analyte was found in the associated blank as well as in the sample.
 H Indicates analytical holding time exceedance.
 J The quantitation is an estimated value because the result is less than the sample quantitation limit but greater than the detection limit.
 M A matrix effect was present.
 V Insufficient sample volume received (100 ml is required by MI EGLE).
 * RPD/RSD exceeds limits.
 # Indicates reading exceeds US EPA Maximum Contaminant Level for Arsenic (10 ug/L).
 † Indicates reading exceeds US EPA Action Level for Copper (1300 ug/L).
 ‡ Indicates reading exceeds US EPA Action Level for Lead (15 ug/L).
 ¶ Indicates reading exceeds US EPA Maximum Contaminant Level for Nitrate (10 mg/L).
 § Indicates reading exceeds US EPA Maximum Contaminant Level for Nitrite (1.0 mg/L).

MI EGLE Certification Number: 9306

COMMENTS:

Sample Number (if applicable)	Notes (if any)
	Removed Orthophosphate due to instrument problems.



429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: Copper Harbor WWTP
Project: Drinking Water
Date Received: 10/1/2020

WWA Job #: 91584
Sample Matrix: Drinking water
Date Reported: 10/8/2020

Sample Number | ID | Description | Date/Time Sampled

91584-001 | Point of Entry | 9/30/2020 12:00:00 PM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Orthophosphate-P (dw)	0.12		mg/L	10/2/2020 11:42	4500-P F	0.022	0.050	NK

91584-002 | 230 Gratiot | 9/30/2020 12:00:00 PM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Orthophosphate-P (dw)	0.56		mg/L	10/2/2020 11:55	4500-P F	0.044	0.10	NK

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MI EGLE Certification Number: 9306



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Client: Copper Harbor WWTP WWA Job #: 91904
 Project: Drinking Water Sample Matrix: Drinking water
 Date Received: 10/20/2020 Date Reported: 10/28/2020

Sample Number | ID | Description | Date/Time Sampled

91904-001 | Point of Entry | 10/19/2020 12:45:00 PM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Alkalinity (dw) as CaCO ₃	140		mg/L	10/26/2020 12:07	310.2	9.1	30	NK
Chloride (dw)	6.9		mg/L	10/20/2020 20:41	300.0	0.30	1.0	AC
Conductivity Lab	260		umho/cm	10/20/2020 9:51	2510B	1	1	CD
Orthophosphate-P (dw)	0.42		mg/L	10/20/2020 20:41	300.0	0.03	0.10	AC
pH Lab	7.5		pH Units	10/20/2020 10:02	4500H+ B	0.10	0.10	CD
Sulfate (dw)	1.8		mg/L	10/20/2020 20:41	300.0	0.30	1.0	AC

91904-002 | 230 Gratiot (system) | 10/19/2020 12:45:00 PM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Alkalinity (dw) as CaCO ₃	140		mg/L	10/26/2020 12:07	310.2	9.1	30	NK
Chloride (dw)	8.1		mg/L	10/20/2020 22:03	300.0	0.30	1.0	AC
Conductivity Lab	270		umho/cm	10/20/2020 9:51	2510B	1	1	CD
Orthophosphate-P (dw)	0.33		mg/L	10/20/2020 22:03	300.0	0.03	0.10	AC
pH Lab	7.3		pH Units	10/20/2020 10:02	4500H+ B	0.10	0.10	CD
Sulfate (dw)	1.6		mg/L	10/20/2020 22:03	300.0	0.30	1.0	AC

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MI EGLE Certification Number: 9306