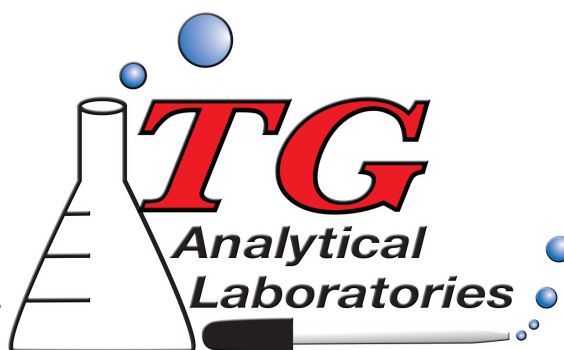


**TG Analytical Laboratories**  
**N1022 Quality Drive**  
**Greenville, WI 54942**



**Northern Waters Inspections and Testing LLC.**  
**16435 W Oriole Lane**  
**Birchwood, WI 54817**

## Water Analysis Report

Reason/Sample ID:		Date of Sample Collection:	<b>Mar 22, 2022</b>
Owner/Facility:	<b>JERRY KRAMER</b>	Time of Sample Collection:	<b>9:05 AM</b>
Address:	<b>16435 W. ORIOLE LN</b>	Date Received:	<b>Mar 23, 2022</b>
City, State, Zip:	<b>BIRCHWOOD, WI 54817</b>	Report Date:	<b>Mar 24, 2022</b>
Reason for Test:	<b>Annual</b>	Collected By:	<b>JERRY</b>
Lab Sample ID:	<b>20221822</b>	Sample Location:	<b>Bathroom Tap</b>

Test	Result	Interpretation	LOD/LOQ (cfu)	Method	Test Date	Analyst
<b>Coliform</b>	<b>Absent</b>	<b>"SAFE"</b>	N/A	<b>SM9223B</b>	<b>Mar 24, 2022</b>	<b>LAR</b>
<b>E. Coli</b>	<b>Absent</b>					

Coliform bacteria are bacteria that are naturally present in the environment and used as an indicator that other, potentially harmful bacteria may be present. E. coli are bacteria whose presence indicates that water may be contaminated by human or animal wastes. Microbes in these wastes can cause short term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms.

Test	Result	Interpretation	LOD/LOQ (mg/L)	Method	Test Date	Analyst
<b>Nitrate</b>	<b>0.6 mg/L</b>	<b>"SAFE"</b>	<b>0.112/0.372</b>	<b>EPA300.0</b>	<b>Mar 23, 2022</b>	<b>JG</b>
<b>MCL: 10 mg/L</b>		<b>Data Qualifier: A</b>		<b>Dilution Factor: 1</b>		

Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and baby blue syndrome. Sources of nitrate include runoff from fertilizer, leaking from septic tanks, sewage, and erosion of natural deposits.

Test	Result	Interpretation	LOD/LOQ (ug/L)	Method	Test Date	Analyst
<b>Arsenic</b>	<b>ND</b>	<b>"SAFE"</b>	<b>0.74/2.46</b>	<b>SM3113B</b>	<b>Mar 24, 2022</b>	<b>LAR</b>
<b>MCL: 10 ug/L</b>		<b>Data Qualifier: A</b>		<b>Dilution Factor: 1</b>		

Consumption of water with arsenic levels exceeding the MCL may cause skin damage, problems with the circulatory system, and an increased risk of cancer. Some of the main sources of arsenic include erosion of natural deposits, runoff from orchards, and runoff from glass & electronic production waste water.

Sample ID: 20221822

**List of Abbreviations:**

LOD = Limit of Detection  
LOQ = Limit of Quantification  
MCL = Maximum Contaminant Level  
ND = Non-Detectable, Result less than the LOD  
[.] = Result between LOD and LOQ  
1 mg/L = 1 part per million (ppm)  
1 ug/L = 1 part per billion (ppb)

The information above was obtained from the Environmental Protection Agency's internet web page: [epa.gov](http://epa.gov).

'SAFE' and 'UNSAFE' interpretations are based on EPA CFR-2010 Title 40 Vol 22 Sec 141.23. NO3/NO2 analysis compliant with NR812, not for SDWA compliance. For sample results requiring adjustment for dilutions, the detection and quantitation limits have not been adjusted for the corresponding sample dilutions.

**List of Data Qualifiers:**

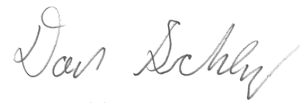
A=All QC Passed, B=method blank>LOD, C=chlorine present, D=sample between LOD and LOQ,  
E=not enough sample, F=gross deficiencies in QC, G=spike or spike duplicate out of spec.,  
H=a check standard out of spec., I=blank>LOD, J=ICV out of spec, K=sample exceeds holding time limit,  
L=temperature not in range, M=sample container didn't meet requirements, N=blank>LOW,  
O=holding time > 30 hours but <48 hours, P=sample <100mL for coliform analysis, Q=SD>20%, R=misc.  
NC=Non-Certified

Documentation of this analysis will be maintained for six years then disposed of.

**Notes:**

Sample Received By: JG

**Approved By:**



Dan Schlenz, MWS

Lab Director

Lab #105-452

WDNR Certification: #445158340

WDATCP Certification: 142250-D3