

**WALWORTH COUNTY DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**Division of Public Health: Water Laboratory**

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**LABORATORY REPORT**

Report To: Whitewater Town Clerk  
Channing Well  
W8590 Willis Ray Rd.  
Whitewater, WI, 53190

Email:

Report Date: May 13, 2019

<b>System Name:</b>	Channing Well
<b>ID:</b>	26509472
<b>WIUWN:</b>	
<b>System Address:</b>	Clover Valley Rd. Whitewater Walworth
<b>Collected By</b>	M. Sankey
<b>Collection Date/Time</b>	5/9/2019 10:26:00 AM

<b>Microbiology</b>		<b>Sample ID:</b> 2019-169	<b>Method:</b> 9223B Enzyme Substrate, Colisure	
<b>Sample Source</b> Distribution		<b>Reason for Test</b> D-Routine Distribution or Compliance		<b>Sample Location Description</b> Flowing Well
<b>Analyte</b>	<b>Result</b>	<b>Date Analyzed</b>		
<b>Coliform</b>	<b>Absent</b>	<b>5/10/2019</b>		
<p><u>General Information:</u> Coliform bacteria are present in the environment and are unlikely to cause illness. However, their presence in drinking water indicates that disease-causing organisms could be in the water system. If only coliform bacteria are found the contamination is probably environmental and unlikely to be fecal contamination. However, if environmental contamination can enter the water system, disease causing pathogens could get in too. It is important to find and resolve the source of the contamination.</p>				
<b>E. coli</b>	<b>Absent</b>			
<p><u>General Information:</u> Fecal coliform (E. coli) are a sub-type of coliform bacteria commonly found in the fecal waste of people and animals. The presence of fecal coliform (E. coli) in drinking water may indicate recent contamination by fecal waste. This means that there is a greater chance that disease causing organisms are present in the water system and efforts should be made to identify the source of the contamination. It is recommended that if fecal coliform are found in your water system you use an alternative source of water, or boil the water rapidly for :60 seconds, prior to use for drinking, preparing food, and brushing teeth.</p>				

<b>Inorganic</b>		<b>Sample ID:</b> 2019-170	<b>Method:</b> 6000522, HACH 10206		
<b>Sample Source</b> Distribution		<b>Reason for Test</b> D-Routine Distribution or Compliance		<b>Sample Location Description</b> Flowing Well	
<b>Analyte</b>	<b>Result (mg/L)</b>	<b>Date Analyzed</b>	<b>Limit of Detection (mg/L)</b> Established August 2018	<b>Limit of Quantitation (mg/L)</b>	
<b>Nitrate</b>	<b>0.264</b>	<b>5/9/2019</b>	<b>0.153</b>	<b>1.00</b>	
<p><u>General Information:</u> A result of ND means that nitrate was detected below the limit of detection and so is reported as Not Detected. Nitrate in drinking water may be naturally occurring below 2.0 mg/L. Above this level the nitrate source is likely an indication of nutrients entering the ground due to human activities; such as fertilizing, agriculture, and industry. The maximum contamination level set by the EPA is 10.0 mg/L. At that level no children under the age of 2 or pregnant or nursing women should consume the water. Recent studies suggest that nitrate levels of 5.0 mg/L may cause birth defects and so it is recommended that women who are or may become pregnant not consume this water.</p>					

For More Information  
[www.co.walworth.wi.us](http://www.co.walworth.wi.us)  
Laboratory Director:  
Certification #

*Erica Bejt*

on Water Quality visit Walworth County Public Health at

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DNR

DATCP Certification # 105-499