

WALWORTH COUNTY DEPARTMENT OF HEALTH AND HUMAN SERVICES

Division of Public Health: Water Laboratory

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Walworth County Public Health  
Prevent. Promote. Protect.

LABORATORY REPORT

Report To: Channing Well  
Clover Valley Rd  
Whitewater, WI 53190

Report Date: April 28, 2015

<b>System Name:</b>	Channing Well	
<b>PWS ID:</b>	26509472	
<b>EP ID:</b>	1	
<b>WIUWN:</b>	PT515	
<b>Well Address:</b>	Clover Valley Rd	
<b>Well City:</b>	Whitewater	
<b>Collected By/Date:</b>	E Bergstrom	4/20/2015

<b>Microbiology</b>		Method: SM9223-Enzyme Substrate, Colilert		
<b>Sample Location:</b> Spigot	<b>Sample Source:</b> D	<b>Sample Type:</b> D		
Analyte	Result	Interpretation	Analysis Date	Sample Id Number
<b>Coliform</b>	Absent	Safe	4/21/2015	2015-100
<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.				
<b>E. coli</b>	Absent			
<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.				

<b>Inorganic</b>		Method: SM4500-NO3-D, Nitrate Electrode				
<b>Sample Location:</b> Spigot	<b>Sample Source:</b> E	<b>Sample Type:</b> D				
Analyte	Result (mg/L)	Interpretation	Analysis Date	Sample Id Number	LOD	LOQ
<b>Nitrate</b>	ND	Safe	4/22/2015	2015-106	0.500	1.00
<u>General Information:</u> 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 (RESTRICTED USE RECOMMENDED)						
Abbreviations:						
ND	None Detected					
LOD	Limit of Detection (mg/L)					
LOQ	Limit of Quantitation (mg/L)					

For More Information on Water Quality visit Walworth County Public Health at [www.co.walworth.wi.us](http://www.co.walworth.wi.us)

Laboratory Director: *Erica Bergstrom*

DNR Certification # 265178210  
DATCP Certification # 105-499