

2021 WATER QUALITY REPORT FOR BUFFALO CENTER MUNI WATER DEPT

2021 WATER QUALITY REPORT FOR KLEMME WATER WORKS

This report contains important information regarding the water quality in our water system. The source of our water is groundwater. Our water quality testing shows the following results:

Contaminant	MCL-(MCLG)	Compliance		Date	Violation Yes/No	Source
		Type	Value & (Range)			
Total Trihalomethanes [TTHM] (PPB)	80 (N/A)	LRAA	62.00 (62 - 62)	09/30/2021	No	By-products of drinking water chlorination
Total Haloacetic Acids (ppb) [HAA5]	60 (N/A)	LRAA	11.00 (11 - 11)	09/30/2021	No	By-products of drinking water disinfection
Lead (ppm)	AL-15 (0)	90th	2.00 (ND - 3)	2021	No	Corrosion of household plumbing systems; Erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.63 (0.06 - 0.86)	2021	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives.
950 - DISTRIBUTION SYSTEM						
Chlorine (ppm)	MRLD-4.0 (MRDLG)=4.0	RAA	2.0 (0.75 - 3.6)	06/30/2021	No	Water additive used to control microbes
01 - S/EP WELL OR WELL #2 - TREATED						
Sodium (ppb)	N/A (N/A)	SGL	66	09/03/2019	No	Erosion of natural deposits; Added to water during treatment process
Nitrate [as N] (ppm)	10 (10)	SGL	0.6280	2021	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

DEFINITIONS

- Maximum Contaminant Level (MCL) – The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- Maximum Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- ppb - Parts Per Billion
- ppm - Parts Per Million
- pCi/L - picocuries per liter
- N/A - Not applicable
- ND - Not detected
- RAA – Running Annual Average
- Treatment Technique (TT) – A required process intended to reduce the level of a contaminant in drinking water.
- Action Level (AL) - The concentration of a contaminant which,

if exceeded, triggers treatment or other requirements which a water system must follow.

- Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- SGL – Single Sample Result
- RTCR – Revised Total Coliform Rule
- NTU - Nephelometric Turbidity Units

GENERAL INFORMATION

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 posed a

health risk. More information about contaminants or potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, 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. EPA/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 (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials

and components associated with service lines and home plumbing. BUFFALO CENTER MUNI WATER DEPT is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your mother has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://epa.gov/safewater/lead>.

SOURCE WATER ASSESSMENT INFORMATION

This water supply obtains its water from the dolomite and limestone of the Ordovician (abv St. Peter) aquifer. The Ordovician (abv St. Peter) aquifer was determined to have low susceptibility to contamination because the characteristics of the aquifer and overlying materials provide natural protection from contaminants at the land surface. Ordovician (abv St. Peter) wells will have low susceptibility to surface contaminants such as leaking underground storage tanks, contaminant spills, and excess fertilizer application. A detailed evaluation of your source water was completed by the Iowa Department of Natural Resources, and is available from the Water Operator at 515-320-1122.

CONTACT INFORMATION

For questions regarding this information or how you can get involved in decisions regarding the water system, please contact BUFFALO CENTER MUNI WATER DEPT at 515-320-1122

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PROCEEDINGS: Winnebago Co.

WINNEBAGO COUNTY BOARD OF SUPERVISORS May 31, 2022

The Winnebago County Board of Supervisors met in session at 9:00 A.M. May 31, 2022 adjourned from May 24, 2022.

Present: Supervisors Durby, Smith, and Jensvold.

Absent:

The meeting is held today via YouTube and a conference call.

On a motion by Jensvold and seconded by Durby the Supervisors moved to approve the minutes for the May 24, 2022 Board Meeting and approve the Agenda for May 31, 2022. All voted aye. Motion carried.

Mary Lou Kleveland, Veterans Affairs discussed her quarterly report.

On a motion by Durby and seconded by Jensvold the Supervisors moved to approve the following public purpose resolution. All voted aye. Motion carried.

RESOLUTION 5-31-2022-021-01

Resolution of Public Purpose for Veterans Affairs Outreach Activities

Whereas, Veterans Affairs Commission have responsibilities for the distribution and updates of the Veterans Community in Winnebago County; and,

Whereas, the County Veterans Commission believes it is in the public interest; now,

Therefore, we find Veterans Affairs Outreach Activities presided by the Veterans Affairs Administrator to be available for questions, distributions of State funded material, and paid by the State of IOWA Grant funding to cover expenses that would not otherwise be funded by County budget and serves a public purpose.

Motion was made by Supervisor Durby and seconded by Supervisor Jensvold to adopt the foregoing resolution. Vote taken thereon resulted as follows:

Ayes: Durby, Jensvold, Smith

Nays:

Absent/Not Voting:

Passed and approved this 31st day of May.

Chairperson Susan Smith

Board of Supervisors

Attest:

Karla Weiss

County Auditor and

Commissioner of Elections

Mary Lou Kleveland, Veterans

Affairs discussed issues with Hancock County Veterans affairs.

Scott Meinders, Engineer discussed Secondary Road matters.

On a motion by Durby and seconded by Jensvold the Supervisors

moved to approve appointments and salary adjustments for FY 2023. All voted aye. Motion carried.

Kris Oswald, Drainage Clerk discussed drainage district matters including DD 102. Oswald and Rick Hopper, Jacobson-Westergard will be meeting with Faribault County, MN to discuss the joint district.

On a motion by Smith and seconded by Durby the Supervisors

moved to appoint Rick Hopper, Jacobson-Westergard as the Engineer for DD 92 Improvement project. All voted aye. Motion carried.

On a motion by Jensvold and seconded by Durby the Supervisors

moved to open the Public Hearing for the Master Matrix for Grant 27 site. All voted aye. Motion carried.

Present at the hearing was Supervisors Durby, Jensvold and Smith, Karla Weiss, Auditor, Kent Krause and Mitch Baum. Kent Krause discussed the project. There was no public comment. On a motion by Jensvold and seconded by Durby the Supervisors moved to close the Public Hearing. All voted aye. Motion carried.

On a motion by Jensvold and seconded by Durby the Supervisors

moved to approve the Master Matrix for Grant 27 site. All voted aye. Motion carried.

The following Manure Management plan was received by the Auditor's office: Eagle 5 #59515 in Winnebago County, Iowa.

The session was adjourned until 9:00 A.M. June 7, 2022.

Susan Smith, Chairperson

Attest: Karla Weiss, Auditor

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