2020 ANNUAL WATER QUALITY REPORT FOR LEDGERS CORNERS WD - ID#NY0930208

To Our Customers,
Our water district receives its water from Clinton Correctional Facility, who prepared the Annual Water Quality Report enclosed with this letter. To comply with State regulations, Ledgers Corners Water District is required to conduct water sampling in addition to sampling performed by Clinton Correctional. The results of our sampling are presented in the Table below. We want you to be informed about your drinking water, if you have any questions please contact Phalon Miner at 518-492-2368 or the Clinton County Health Department Environmental Unit at 518-565-4870.

Our distribution system serves approximately 70 people through about 30 service connections. As State regulations require, we routinely test your drinking water for contaminants. At this time, sampling includes Total Coliform and E-coli monthly, and Lead and Copper and disinfection byproducts yearly. Please refer to the definitions and tables in the Clinton Correctional Annual Water Quality Report for additional information.

Table of Detected Contaminants – Ledgers Corners WD

Contaminant	Violation Yes/No	Date	Level Detected (Avg/Max) (Range)	Unit Measurement	MCLG	Regulatory Limit (MCL, TT or AL)	Likely Source of Contamination
Nitrate	No	1/11/18	0.19	mg/L	10	10	Fertilizer, sewage and natural leaching
Chloride	No	1/11/18	38	mg/L	N/A	250	Naturally occurring or indicative of road salt contamination
Copper (1)	No	9/29/20	$90^{th} = 0.13$ R: <0.02 -0.2	mg/L	1.3	1.3 AL	Corrosion of household plumbing systems; Erosion of natural deposits; leaching from wood preservatives
TTHM's (Total Trihalomethanes)	No	09/24/20	0.6	ug/L	N/A	80	By-product of drinking water disinfection
Total Coliform	No	11/11/20	Present (1 out of 4 samples collected in November)	N/A	N/A	TT=2 or more positive samples	Naturally present in the environment

(1) The level presented represents the 90th percentile of the 5 sites tested. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The $90t^{h}$ percentile is equal to or greater than 90% of the copper values detected at your water system. In this case 5 samples were collected from your water system and the 90th percentile value was the average of the two highest values. The action level for copper was not exceeded at any of the sites tested. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer lover of kidney damage. People with Wilson's disease should consult their personal doctor.

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.

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.

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.
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 contamination.
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Non-Detects (ND): Laboratory analysis indicates that the constituent is not present.
Milligrams per liter (mg/L): Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).
Micrograms per liter (ug/L): Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).
Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Is Our Water System Meeting Other Rules That Govern Operations?

During 2020, our system was in compliance with all applicable State drinking water operating, reporting and monitoring requirements.

Do I Need to Take Special Precautions?

Although our drinking water met or exceeded State and Federal regulations, some people may be more vulnerable to disease causing microorganisms or pathogens 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 from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia and other microbial pathogens are available from the Safe Drinking Water Hotline (800-426-4791).

Another concern may be the presence of lead in your drinking water. If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. In babies and children, exposure to lead in drinking water above the action level can result in delays in physical and mental development, along with slight deficits in attention span and learning abilities. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Ledgers Corners Water District is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water 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 (800-426-4791) or at http://www.epa.gov/safewater/lead.

Closing

Thank you for allowing us to continue to provide your family with quality drinking water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. The costs of these improvements may be reflected in the rate structure. Rate adjustments may be necessary in order to address these improvements. We ask that all our customers help us protect our water sources, which are the heart of our community. If you have any questions or concerns regarding your water please feel free to call us as noted above.