



2021 Consumer Confidence Report

We are pleased to present to you this year's Annual Drinking Water Quality Report. This report is a snapshot of last year's water quality. Included are details about your source(s) of water, what it contains, and how it compares to standards set by regulatory agencies. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water and to providing you with this information because informed customers are our best allies. **If you have any questions about the contents of this report, please contact Randy Decker at (219) 996-4641. You can also join us at our regularly scheduled meetings which are held every third Tuesday of the month at 611 N. Main St. at 7:00pm. We want our valued customers to be informed about their water utility. This report may also be found at our website located at www.hebronindiana.org.**

Where does your water come from?

The water provided to you is ground water pumped from four wells on the north side of the town. At the treatment plant, water is aerated and the iron is filtered out. The water then goes through Ion Exchange water softeners. Chlorine is added to keep the water delivery system disinfected.

Why are there contaminants in the water?

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of these contaminants does not necessarily indicate that the water poses a health risk or that it is not suitable for drinking. More information about contaminants and their potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at (800)426-4791.

Contaminants that may be present in the source water may include:

- **Microbial Contaminants**, such as viruses and bacteria, may come from sewage treatment plants, septic systems, agriculture livestock operations, and wildlife.
- **Inorganic Contaminants**, such as salts and metals, which can be naturally-occurring or that result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, and mining or farming operations.
- **Pesticides and Herbicides** may come from a variety of sources, such as agriculture, storm water runoff, and residential uses.
- **Organic Chemical Contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production operations and can result from gas stations, urban storm water runoff, and septic systems.
- **Radioactive Contaminants** can be naturally-occurring or the result of oil and gas production and mining activities.



In order to ensure that tap water is safe to drink, the EPA prescribes regulations that limit the amount of certain contaminants that may be present in the water provided by public water systems. Also, the FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Contaminants that could be found in drinking water may cause taste, color, or odor problems. These types of problems are not necessarily a cause for health concerns. Immuno-compromised people, such as people with cancer undergoing chemotherapy, people who have undergone organ transplant, people with HIV/AIDS or other kinds of immune system disorders, elderly, and infants can be particularly at risk from infections. These people should seek advice from their health care providers regarding drinking water from water supply systems. EPA/CDC has set guidelines with appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants which are available from the Safe Drinking Water Hotline at (800)426-4791.

Special Note on Lead: 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. We are responsible for providing high quality drinking water, but we 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 at (800)426-4791 or at <http://www.gov/safewater/lead>.

Our watershed protection efforts

We regularly work with the community to increase awareness of better waste disposal practices to further protect the sources of our drinking water. We are also working with other agencies and with local watershed groups to educate the community on ways to keep our water safe. You can help protect your community's drinking water source(s) in several ways: (take used motor oil and engine coolant to a recycling center, never dispose of medication in your household drains or trash). The Hebron Police Department has a drop box in their lobby to dispose of any unused medication. The Police Department is located at 611 N Main St. The drop box is available from 8:00am-4:00pm Monday through Friday.

Please share this information

Large water volume customers (like apartment complexes, hospitals, schools, and/or industries) are encouraged to post extra copies of this report in conspicuous locations or to distribute them to their tenants, residents, patients, students, and/or employees. This "good faith" effort will allow non-billed users to learn more about the quality of the water that they consumer

Contaminant	Date	MCL	MCLG	Units	Result	Min	Max	Above AL or MCL	Violation	Likely Source of Contamination
Lead & Copper		AL								
Lead (90 th Percentile)	2021	15	0	ppb	4.6	0.5	6.4	0	No	Erosion of natural deposits; Corrosion of household plumbing systems
Copper (90 th Percentile)	2021	1.3	1.3	ppm	0.17	0.01	0.19	0	No	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.

Inorganic Contaminants										
Barium	08/26/2020	2	2	ppm	0.02	0.02	0.02	0	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	08/26/2020	4	4	ppm	0.22	0.22	0.22	0	No	Erosion of natural deposits.
Nitrate (as N)	2021	10	10	ppm	0.23	0.23	0.23	0	No	Runoff from fertilizer use, leaching from septic tanks, sewage erosion of natural deposits.

Radioactive Contaminants										
Gross Alpha (excluding radon and uranium)	02/23/2016	15	0	pCi/L	2.69	2.69	2.69	0	No	Erosion of natural deposits.

Disinfection Byproducts & Precursors / Residual Disinfectant										
Total Haloacetic Acids (HAA5)	2021	60	No goal for the total	ppb	5.9	5.9	5.9	0	No	By-product of drinking water chlorination
Total Trihalomethanes (TTHM)	2021	80	No goal for the total	ppb	18	18	18	0	No	By-product of drinking water chlorination
Chlorine Residual	2021	MRDLG 4	MRDL 4	ppm	1	0.3	1.7	0	No	Water additive to control microbes

Revised Total Coliform Rule (RTCR)			
The Revised Total Coliform Rule (RTCR) seeks to prevent waterborne diseases caused by E. coli. E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches or other symptoms. They may pose a greater health risk for infants, young children, the elderly and people with severely compromised immune systems.			
Violation Type		Violation Begin	Violation End
Report Sample Result/ Fail Monitor RTCR		07/01/2021	07/31/2021
Report Sample Result/ Fail Monitor RTCR		11/01/2021	11/30/2021
		Violation Explanation / Corrective Action	
		Water Lab failed to submit sample results in a timely manner. / We verify samples are submitted.	
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Definitions-The above tables contain scientific terms/measures some of which may require explanation. Some of the terms/abbreviations used in this report are as follows:

- **ALG or Action Level Goal** - The level of a contaminant in a drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.
- **AL or Action Level** - The concentration of a contaminant which, if associated, trigger treatment or other requirements which a water system must follow.
- **Avg.** - Regulatory compliance with some MCL's based on running annual average of monthly samples.
- **MCL or Maximum Contaminant Level** - 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.
- **Level 1 Assessment** - A Level 1 Assessment is a study of the water system to identify potential problems and determine (if possible) total coliform bacteria have been found in our water system.
- **MCLG or Maximum Contaminant Level Goal** - 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.
- **Level 2 Assessment** - A Level 2 Assessment is a very detailed study of the water system to identify potential problems and determine (if possible), why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system of multiple occasions.
- **MRDL or Maximum Residual Disinfectant Level** - The highest level of a disinfection allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- **MRDLG or Maximum Residual Disinfectant Level Goal** - 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.
- **N/A** - Either not available or not applicable.
- **Mrem** - Millirems per year (a measure of radiation absorbed by the body).
- **ppb** - Micrograms per liter (ug/L) or parts per billion – or one ounce in 7,350,000 gallons of water.
- **ppm** - Milligrams per liter (mg/L) r or parts per million – or one ounce in 7,350 gallons of water.
- **TT or Treatment Technique** - A required process intended to reduce the level of a contaminant in drinking water.