

We want our valued customers to be informed about their water utility. If you have any questions about this report or concerning your water contact us at (765) 522-6238. If you want to learn more, please contact Eric Gibson or attend any of our regularly scheduled Utility Board meetings that are held on the second Thursday of each month at 6:30 PM.

We ask that our customers help us to protect our water resources, which are the heart of our community, our way of life and our children's future.

HOUSEHOLD TIPS FOR PROTECTING OUR DRINKING WATER SUPPLY

- Reduce the amount of fertilizers, pesticides, or other hazardous chemicals that you use. Buy only what you need so that you don't have to dispose of leftovers. Read all the labels and follow directions.
- Use organic lawn and garden alternatives that do not contain synthetic chemical poisons. Reduce the use of products that contain any of the following words on their labels: caution, warning, danger, poison, flammable, volatile, caustic, or corrosive.
- Recycle used oil, automotive fluids, batteries, and other products. Don't dispose of hazardous products in toilets, storm drains, wastewater systems, creeks, alleys, or the ground. This pollutes the water supply.
- Store your household hazardous waste for Tox-Away Day, held each spring at the Area 30 Career Center. For more information call 1-800-211-2750.

CALL BEFORE YOU DIG!

Underground utilities may be dangerous if encountered while digging. Before digging holes on your property, for things such as putting in a new mailbox or planting trees and shrubs, call 811. You must call at least two full working days before you dig to locate underground utilities.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. 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 at risk from infections. These people should seek advice about drinking water from their health care providers. U.S. EPA and 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 at (800) 426-4791. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Bainbridge Utilities 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 or at <http://www.epa.gov/safewater/lead>.

MORE INFORMATION

- For more information on Wellhead Protection, contact Eric Gibson at (765) 522-6238.
- To learn more about groundwater protection and other drinking water resources, contact the Indiana Department of Environmental Management at (317) 234-7430 or visit their website at www.in.gov/idem

Bainbridge Utilities
201 Grant Avenue
Bainbridge, Indiana 46105
(765) 522-6238

2022 Annual Drinking Water
Quality Report



Annual Drinking Water Quality Report

**Bainbridge
Utilities**

Bainbridge, Indiana
PWSID 5267001

Bainbridge Utilities is pleased to present this year's Annual Drinking Water Quality Report. This report is designed to keep you informed about the quality of your drinking water over the past year. Our goal is, and always has been, to provide you, the customer, with a safe and dependable supply of drinking water. We are pleased to report that our water is safe and meets all federal and state requirements.

WELLHEAD PROTECTION

The source of Bainbridge's drinking water is groundwater produced from three wells located at two separate well fields. To help protect our water supply wells from potential contamination, Bainbridge Utilities has implemented a Wellhead Protection Plan. The Wellhead Protection Plan focuses on public awareness and education and spill prevention and reporting. Emergency responders have been trained in spill response procedures. Educational information has been mailed to landowners and businesses in and around the Wellhead Protection Areas. The Wellhead Protection Plan and other educational materials are available to the public at the Bainbridge Utilities Office.

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2022 Annual Drinking Water
Quality Report

AVERAGE WATER QUALITY DATA FOR 2022

Bainbridge Utilities routinely monitors for constituents in your drinking water according to all Federal and State laws. The following table provides the results for only those constituents that were detected as part of our 2022 monitoring.

TABLE NOTES

⁽¹⁾ - Levels reported for copper and lead represent the 90th percentile value as calculated from a total of 10 samples.

All analyses performed in 2022 except Gross Alpha (tested in 2016), Arsenic, and Barium (tested in 2020). The state allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Therefore, some of our data while representative, is more than one year old.

Sources of drinking water (both tap 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 contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at (800) 426-4791.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants such as salts and metals which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, stormwater runoff, and residential uses.
- Organic chemicals, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production and can also come from gas stations, urban stormwater runoff, and septic systems.
- Radioactive materials, which can be naturally occurring or be the result of oil and gas production and mining activities.

NAME OF SUBSTANCE	Collection Date	Violation Yes/No	Maximum Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Substance in Drinking Water
Radioactive Constituents							
Gross Alpha	02/23/16	No	3.12	pCi/L	0	15	Erosion of natural deposits.
Inorganic Constituents							
Arsenic	2020	No	4.3	PPB	0	10	Erosion of natural deposits, runoff from Orchards, glass/electronics production.
Barium	2020	No	0.589	PPM	2	2	Discharge of drilling wastes; Discharge from metal refineries and natural deposits
Nitrate	2022	No	5	PPM	10	10	Runoff from fertilizer use; Leaching from septic Tanks, sewage; Erosion of natural deposits
Copper	2021	No	.479 ⁽¹⁾	PPM	1.3	AL = 1.3	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing
Lead	08/16/2018	No	0.41	PPB	4	4.0	Erosion of natural deposits; Corrosion of household plumbing systems
Fluoride	2020	No	.06	PPM	4	4	Erosion of natural deposits, Discharge from fertilizer and aluminum factories.
Disinfection Byproducts and Precursors							
Total Trihalomethanes	2021	No	10	PPB	0	80	By-product of drinking water disinfection
Total Haloacetic Acids	2021	No	11	PPB	0	60	By-product of drinking water disinfection
Chlorine	2021	No	1	PPM	4	4	Additive to control microbes.

Violation type	Violation Begin	Violation End	Violation Explanation
Haloacetic Acids (HAA5) MONITORING, ROUTINE (DBP) MAJOR	01/01/2022	12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our water during the period indicated.
Total Trihalomethanes (TTHM) MONITORING, ROUTINE (DBP) MAJOR	01/01/2022	12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our water during the period indicated.

While your drinking water meets EPA standards for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Included in the table, you will find terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

DEFINITIONS

Not Applicable (N/A) - no MCLG or MCL has been established for these unregulated constituents.

Below the Detection Limit (BDL) - constituent not detected in the sample.

Parts Per Million (PPM) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts Per Billion (PPB) - one part per billion corresponds to one minute in 2,000 years or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Action Level (AL) - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level Goal - The "Goal" (MCLG) is 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 Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set