

# SHELburn MUNICIPAL WATER UTILITY ANNUAL DRINKING WATER QUALITY REPORT

Shelburn Municipal Water Utility's ANNUAL WATER QUALITY REPORT, covering January 1, 2022 through December 31, 2022 will inform you of the actions we have taken to deliver excellent water and service throughout the year.

Our water is pumped from 2 wells located approximately 10 miles west and 3 miles south of Shelburn near the Wabash River. There are approximately 70 miles of water main in our system, ranging in size from 2 inches to 12 inches. We are constantly seeking ways to reduce our costs and to improve/upgrade our system while holding our rates down.

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 land or underground, it can dissolve naturally occurring minerals and pick up substances from the presence of animals or from human activity.

Shelburn Municipal Water Utility routinely monitors for constituents in your drinking water according to state and federal laws. The table shows the results of our monitoring for the period of September 19, 2020 to December 31, 2022. In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following **definitions**:

**Action Level Goal (ALG)** – The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

**Action Level** – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Parts per million (ppm) or Milligrams per liter (mg/l)** - one part per million corresponds to one minute in two years or a single penny in \$10,000.

**Parts per billion (ppb) or Micrograms per liter** - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

**Maximum Contaminant Level (MCL)** - The "Maximum Allowed" (MCL) is 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 "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 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 contaminants.

## SHELburn MUNICIPAL WATER UTILITY 2022 Water Quality Report

PWSID #IN5277008



Shelburn Municipal Water Utility  
15 North Railroad Street  
Shelburn, IN 47879

## 2022 Regulated Contaminants Detected

### Disinfectants and Disinfection By-Products

Contaminant	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	2022	1	1 - 1	MRDLG = 4	MRDL = 4	ppm	N	Water additive used to control microbes
Haloacetic Acids (HAA5)	2022	3	1 - 4	No goal for the total	60	ppb	N	By-product of drinking water disinfection
Total Trihalomethanes (TTHM)	2022	20	16 - 23	No goal for the total	80	ppb	N	By-product of drinking water disinfection

### Inorganic Contaminants

Barium	08/19/2020	0.028	0.028 - 0.028	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Nitrate [measured as Nitrogen]	2022	2	1.53 - 1.53	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

### Radioactive Contaminants

Gross alpha excluding radon and uranium	08/26/2019	0.92	0.92 - 0.92	0	15	pCi/L	N	Erosion of natural deposits
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### LEAD AND COPPER

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sifes Over AL	Units	Violation	Likely Source of Contamination
Copper	08/24/2021	1.3	1.3	0.208	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems
Lead	08/24/2021	0	15	4	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits

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. Shelburn Municipal Water Utility is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been setting for several hours, you can minimize the potential of lead exposure by flushing your tap for 30 seconds to 2 minutes before using the 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>.

Although no lead pipes are known to exist within our system, Shelburn Municipal Water Utility is scheduled to test for lead and copper at ten locations between June and September 2022. These tests are taken every three years. Several factors, such as age and type of plumbing materials, may affect the amount of lead and copper in your water. If you would like to have your home tested please contact the water office at 812-397-5900 during regular business hours to be placed on a list of possible sample sites. You will be contacted regarding what information is needed and the procedure for sample collection.

Drinking water, including bottled water, may be reasonably expected to contain at least small amounts of some contaminants. The presence of these contaminants does not necessarily pose a health risk. More information about contaminants and potential health risks can be obtained by calling the EPA's Safe Drinking Water Hotline at (800) 426-4791. In order to ensure tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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 microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

For more information about your drinking water and for opportunities to become involved, please contact Dustin Geatches by calling 812-397-5900 or by writing to Shelburn Municipal Water Utility, 15 North Railroad Street, Shelburn, Indiana 47879. Also, you are welcome and encouraged to attend public meetings on the second Monday of each month at 7:00 p.m. in the Shelburn Community Building. For emergencies after normal business hours, please call 812-397-5900 and our answering service will notify our on-call personnel.

We are establishing a web page for the Town of Shelburn and Shelburn Municipal Water Utility. If you would like to receive notices of events and important dates electronically please provide an e-mail address to our office. Community events, water bill due dates, disconnect notices and any planned interruption of water service are some of the things to be available to you.

Your water bills are mailed at the end of the month in time for you to receive it by the first of the month. In the past year there have been several incidents where bills were mailed but never received. If you do not receive yours by the 4th of the month, please contact our office at 812-397-5900 during regular business hours. The due date is the 15th of the month with late charges added the next day. Delinquent accounts are disconnected around the 25th of the month. If you provide a working phone number we will try to contact you the day before disconnection to avoid the unpleasantness (yours and ours) of having your water service discontinued.

