

Consumer Confidence Report

Annual Drinking Water Quality Report

BLUE MOUND	Source of Drinking Water	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 poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPAs Safe Drinking Water Hotline at (800) 426-4791.
IL1150100	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.	
Annual Water Quality Report for the period of January 1 to December 31, 2025	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.	In order to ensure that 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.
This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.	- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.	Some people may be more vulnerable to contaminants in drinking water than the general population.
The source of drinking water used by BLUE MOUND is Ground Water	- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.	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).
For more information regarding this report contact:	- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.	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. The drinking water supplier is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standard Institute accredited certifier
Name Scott Younger	- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.	
Phone 217-972-1287		
Este informe contiene información muy importante sobre el agua que usted bebe. Tradúzcalo ó hable con alguien que lo entienda bien.		

to reduce lead in drinking water. If you are concerned about lead in your water, you may wish to have your water tested, contact Charlie Stickel at 217-707-8779. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>.

Source Water Information

Source Water Name	Type of Water	Report Status	Location
WELL 3 (47497)	GW	Active	2.9 miles SE of Blue Mound
WELL 4 (00396)	GW	Active	2.9 miles SE of Blue Mound

Source Water Assessment

We want our valued customers to be informed about their water quality. If you would like to learn more, please feel welcome to attend any of our regularly scheduled meetings. The source water assessment for our supply has been completed by the Illinois EPA. If you would like a copy of this information, please stop by City Hall or call our water operator at 217-707-8779. To view a summary version of the completed Source Water Assessments, including: Importance of Source Water; Susceptibility to Contamination Determination; and documentation/recommendation of Source Water Protection Efforts, you may access the Illinois EPA website at <http://www.epa.state.il.us/cgi-bin/wp/swap-fact-sheets.pl>.

Source of Water: BLUE MOUND to determine Blue Mound's susceptibility to groundwater contamination, a Well Site Survey, published in 1989, was reviewed. In addition, a Wellhead Protection Program conducted by the Village of Blue Mound and the Illinois Rural Water Association and published in March 1998 was reviewed. During the survey of Blue Mound's source water protection area, Illinois EPA staff recorded three potential sources, routes, or possible problem sites within the 400 foot minimum setback zone of wells #3 and #4. In addition, there are six sites associated with the abandoned wells #1 and #2. The Illinois EPA considers the source water of this facility to be susceptible to contamination. This determination is based on a number of criteria including monitoring conducted at the wells, monitoring conducted at the entry point to the distribution system, and the available hydrogeologic data on the wells.

Lead and Copper

Definitions:

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

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.

Copper Range: .03 mg/L to .23mg/L

Lead Range: <1 ug/L to 5.7 ug/L

To obtain a copy of the system's lead tap sampling data: Contact Village Hall at 217-692-2713

Our Community Water Supply has developed a service line material inventory.

To obtain a copy of the system's service line inventory: Contact Village Hall at 217-692-2713

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	2025	1.3	1.3	0.18	0	ppm	N	Corrosion of household plumbing systems; Errosion of natural deposits.
Lead	2025	0	15	1.3	0	ppb	N	Corrosion of household plumbing systems; Errosion of natural deposits.

Water Quality Test Results

Definitions:	The following tables contain scientific terms and measures, some of which may require explanation.
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
Level 1 Assessment:	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
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 on multiple occasions.
Maximum Contaminant Level or 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 or 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 or 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.

Water Quality Test Results

Maximum residual disinfectant level goal or 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.
na:	not applicable.
mrem:	millirems per year (a measure of radiation absorbed by the body)
ppb:	micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.
ppm:	milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.
Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.

Regulated Contaminants

Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	2025	0.9	0.62 - 1.3	MRDLG = 4	MRDL = 4	ppm	N	Water additive used to control microbes.
Haloacetic Acids (HAA5)	2025	1	1.34 - 1.34	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2025	15	15.1 - 15.1	No goal for the total	80	ppb	N	By-product of drinking water disinfection.
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	08/02/2023	0.014	0.014 - 0.014	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	08/02/2023	0.628	0.628 - 0.628	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen] - Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask advice from your health care provider.	2025	7	2.5 - 12	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
	08/02/2023	1	1 - 1	50	50	ppb	N	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.
Sodium	08/02/2023	50	50 - 50			ppb	N	Erosion from naturally occurring deposits. Used in water softener regeneration.

Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	08/04/2020	0.144	0.144 - 0.144	0	5	pCi/L	N	Erosion of natural deposits.

Violations Table

Consumer Confidence Rule			
The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems.			
Violation Type	Violation Begin	Violation End	Violation Explanation
CCR ADEQUACY/AVAILABILITY/CONTENT	07/01/2025	2025	We failed to provide to you, our drinking water customers, an annual report that adequately informed you about the quality of our drinking water and the risks from exposure to contaminants detected in our drinking water. All information is correct this year.
CCR REPORT	07/01/2024	06/16/2025	We failed to provide to you, our drinking water customers, an annual report that informs you about the quality of our drinking water and characterizes the risks from exposure to contaminants detected in our drinking water.

Lead and Copper Rule			
The Lead and Copper Rule protects public health by minimizing lead and copper levels in drinking water, primarily by reducing water corrosivity. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials.			
Violation Type	Violation Begin	Violation End	Violation Explanation
LSL INVENTORY-INITIAL	10/17/2024	2025	We failed to develop an approvable initial inventory of service lines connected to our distribution system by October 16, 2024.
NOTIFICATION, KNOWN OR POTENTIAL LSL	07/02/2025	2025	We failed to certify to the Illinois EPA that we delivered annual notifications and information to affected consumers with lead, galvanized requiring replacement, or lead status unknown service lines as required.

Public Notification Rule			
The Public Notification Rule helps to ensure that consumers will always know if there is a problem with their drinking water. These notices immediately alert consumers if there is a serious problem with their drinking water (e.g., a boil water emergency).			
Violation Type	Violation Begin	Violation End	Violation Explanation
PUBLIC NOTICE RULE LINKED TO VIOLATION	08/22/2025	2025	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.
PUBLIC NOTICE RULE LINKED TO VIOLATION	10/12/2025	2025	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.

Failure to Certify Notification to Persons Served by Known or Potential Service Line Containing Lead

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Reporting Requirement Not Met for Blue Mound

We were required to report a copy of the notice and materials sent to persons served by known or potential service lines containing lead to the State.

Our system failed to demonstrate to the State that it delivered annual notifications and information to affected consumers with lead, galvanized requiring replacement, or lead status unknown service lines as required by July 1, 2025. Although the failure to comply with the reporting requirement does not create a risk to public health, we are required to inform you of this violation and provide additional information including what we did to correct the situation.

It is important for consumers to know if the water they are receiving has been delivered through a lead, galvanized requiring replacement (GRR), or lead status unknown service line so they can make decisions on whether and what actions to take to reduce their exposure to lead in drinking water.

What should I do?

There is nothing you need to do at this time. You do not need to boil your water or take other actions. Remember, boiling water does not remove lead from water.

For more information on reducing lead exposure around your home/building and the health effects of lead, visit the EPA's websites at <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water> and <http://www.epa.gov/lead>.

What is being done?

Notification to persons served by known or potential service line containing lead has been distributed. While we did not certify and notify the State as quickly as we should have, we provided the required notifications to persons served, as well as the missing information to the State on 06/23/2026. We are no longer in violation.

For more information, please contact Blue Mound Water Department at (217)707-8779 or water@bluemoundil.gov.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Blue Mound. Public Water System ID# 1150100. Date distributed:06/23/2026.

Failure to Report Initial Inventory to the State

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Reporting Requirement Not Met for Blue Mound

We were required to develop and submit to the State an initial service line inventory that includes all service lines connected to the public water distribution system and characterize the materials of those service lines as either lead, galvanized requiring replacement, non-lead, or lead status unknown. Our system failed to submit an initial inventory of service lines to the Illinois EPA by October 16, 2024.

We developed the initial inventory and notified persons served at service connections with service lines made of lead, galvanized, or unknown materials on 5/29/2026. To view this inventory, please visit www.bluemoundil.gov.

Although the failure to report the initial inventory to the State does not create a risk to public health, we are required to inform you of this violation and provide additional information including what we did to correct the situation.

What should I do?

There is nothing you need to do at this time. You do not need to boil your water or take other actions. Remember, boiling water does not remove lead from water.

For more information on reducing lead exposure around your home/building and the health effects of lead, visit the EPA's websites at <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water> and <http://www.epa.gov/lead>.

What is being done?

We completed the initial service line inventory and recently submitted it to Illinois EPA on 04/07/2026

For more information, please contact Blue Mound Water Department at (217)707-8779 or water@bluemoundil.gov.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by **Blue Mound**. Public Water System ID#1150100. Date distributed:6/23/2026.
