

# American Water Services, Inc.

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*April 1, 2024*

*Sylvan Lake Falls*

*Water Quality Report – 2023*

*GA Water System ID# 2410035*

This report is designed to give water consumers of **Sylvan Lake Falls** information on their water quality and the testing carried out in 2023. Included in this report is information about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. **American Water Services, Inc.** is committed to providing clean, safe, and reliable drinking water for all. For more information about your water or this report please call our office at 706-348-3215.

**Your water comes** from 2 wells drilled deep into rock aquifers and 1 spring that gravity flows into the tank from the mountain in the state park. The water is treated with chlorine for disinfection.

**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 of 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 (1-800-426-4791)**.

**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 EPA's **Safe Drinking Water Hotline (1-800- 426-4791)**.

**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.

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

*\*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 metal, which can be naturally occurring or result from urban storm 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, urban 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, and can also come from gas stations, urban storm water runoff, and septic systems.

*\*Radioactive contaminants*, which can be naturally occurring or be the result of oil and gas production and mining activities.

**At this time, the Source Water Assessment Plan from the Georgia Environmental Protection Division prepared** on the water system in Sylvan Lake Falls is not available. This assessment lists all potential sources of contamination within a specific radius of both the wells supplying your water system.

**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. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

**American Water Services, Inc.** strives to maintain the highest standards of performance and quality possible. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit our entire community. Please help us keep these costs as low as possible by utilizing good water conservation practices such as checking your home for leaks and installing low flow appliances.

## **WATER QUALITY DATA**

The following tables list all drinking water contaminants that we detected during the 2023 calendar year. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in these tables are from testing done January 1 – December 31, 2023. EPD requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

### **Definition of Terms and Abbreviations Used in this Report:**

**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 using the best available treatment technology.

**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.

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

**Treatment Technique (TT):** A required process intended to reduce the level of a contaminant in drinking water.

**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 microbiological 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.

**\*NA:** not applicable **\*ND:** not detectable at testing limit **\*ppb:** parts per billion or micrograms per liter **\*ppm:** parts per million or milligrams per liter **\*pCi/l:** picocuries per liter (a measure of radiation) **\*QC:** quality control

### **Additional Lead Information:**

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. American Water Services 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>.

Detected Inorganic Contaminants Table							
<u>Parameter /units</u>	<u>MCL</u>	<u>MCLG</u>	<u>Sylvan Lake Falls Results</u>	<u>Range of detections</u>	<u>Sample Date</u>	<u>Violation No/Yes</u>	<u>Typical Source of Contaminant</u>
Fluoride (ppm)	4.0	4.0	0.99	NA	03/2022	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate (ppm)	10.0	10.0	0.33	0-0.33	2023	No	Run off from fertilizer use

Lead and Copper Monitoring Results							
<u>Parameter /units</u>	<u>Action Level</u>	<u>MCLG</u>	<u>Sylvan Lake Falls Results</u>	<u>#of sample sites found above the Action Level</u>	<u>Sample Date</u>	<u>Violation No/Yes</u>	<u>Typical Source of Contaminant</u>
Lead (ppb)	15	0	3.45	0	08-2023	No	Corrosion of household plumbing
Copper (ppm)	1.3	1.3	.66	0	08-2023	No	Corrosion of household plumbing

DISINFECTANTS							
<u>Parameter</u>	<u>MRDL</u>	<u>MRDLG</u>	<u>Highest Result</u>	<u>Range of detections</u>	<u>Sample Date</u>	<u>Violation No/Yes</u>	<u>Typical Source</u>
CHLORINE (ppm)	4.0	4.0	2.0	1.0-2.0	2023 Weekly	No	Water additive used to control microbes

Microbiological Monitoring Results							
<u>Parameter /units (present or absent of bacteria found in sample)</u>	<u>MCL</u>	<u>MCLG</u>	<u>Sylvan Lake Falls Results</u>	<u>Sample Date</u>	<u>Violation No/Yes</u>	<u>Typical Source of Contaminant</u>	
Total Coliform Bacteria	1	0	0 Positives	2023 Monthly	Yes*	Naturally present in the environment	

Other/Unregulated Containments							
<u>Parameter /units</u>	<u>MCL</u>	<u>Secondary Standard</u>	<u>Sylvan Lake Falls Results</u>	<u>Range of detections</u>	<u>Sample Date</u>	<u>Violation No/Yes</u>	<u>Typical Source of Contaminant</u>
Sodium (ppm)	NA	NA	6.0	NA	03/2022	No	Naturally Occurring/Water Treatment

\* Samples were not collected for the months of February and May 2023.

**Public Participation Opportunities:**

For further information, please visit our website at [www.americanwtr.com](http://www.americanwtr.com). Any other questions, concerns, or comments about our water systems can be sent to our e-mail at [watertreatment@americanwtr.com](mailto:watertreatment@americanwtr.com) or by calling our office at (706)-348-6215. Please do not hesitate to contact us with your inquiries.

Violation 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.			
<u>Violation Type</u>	<u>Violation Begin</u>	<u>Violation End</u>	<u>Violation Explanation</u>
CCR REPORT	07/01/2020	2023	Sylvan Lake Falls failed to provide to you, the 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
CCR REPORT	07/01/2021	2023	Sylvan Lake Falls failed to provide to you, the 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

Violation Table – 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
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	10/01/2022	08/17/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table - 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	05/19/2022	2023	Sylvan Lake Falls failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations
PUBLIC NOTICE RULE LINKED TO VIOLATION	07/21/2022	2023	Sylvan Lake Falls failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations
PUBLIC NOTICE RULE LINKED TO VIOLATION	08/05/2022	2023	Sylvan Lake Falls failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations

Violation Table - 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.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE, MAJOR (RTCR)	02/01/2023	02/28/2023	Sylvan Lake Falls 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 drinking water during the period indicated.
MONITORING, ROUTINE, MAJOR (RTCR)	05/01/2023	05/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Antimony			
Some people who drink water containing antimony well in excess of the MCL over many years could experience increases in blood cholesterol and decreases in blood sugar.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Arsenic			
Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Barium			
Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Beryllium			
Some people who drink water containing beryllium well in excess of the MCL over many years could develop intestinal lesions.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Cadmium			
Some people who drink water containing cadmium in excess of the MCL over many years could experience kidney damage.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Chromium			
Some people who use water containing chromium well in excess of the MCL over many years could experience allergic dermatitis.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Cyanide			
Some people who drink water containing cyanide well in excess of the MCL over many years could experience nerve damage or problems with their thyroid.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Fluoride			
Some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL or more may cause mottling of children’s teeth, usually in children less than nine years old. Mottling, also known as dental fluorosis, may include brown staining and/or pitting of teeth, and occurs only in developing teeth.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Mercury			
Some people who drink water containing inorganic mercury well in excess of the MCL over many years could experience kidney damage.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Selenium			
Selenium is an essential nutrient. However, some people who drink water containing selenium in excess of the MCL over many years could experience hair or fingernail losses, numbness in fingers or toes, or problems with their circulation.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.

Violation Table – Thallium			
Some people who drink water containing thallium in excess of the MCL over many years could experience hair loss, changes in their blood, or problems with their kidneys, intestines, or liver.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2023	12/31/2023	Sylvan Lake Falls 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 drinking water during the period indicated.