Village of Lakemore

Public Water System

Consumer Confidence Report for 2022

Ohio Environmental Protection Agency
Division of Drinking and Ground Waters

www.epa.ohio.gov/ddagw

For more information, please contact: Chris Alderman, 1400 Main Street, P.O. Box 455, Lakemore, Ohio, 44250 Phone: 330-573-6318

Updated June 2023

Village of Lakemore
Drinking Water Consumer Confidence Report
For *2022*

Introduction

The Village of Lakemore has prepared the following report to provide information to you, the consumer, on the quality of our drinking water. Included within this report is general health information, water quality test results, how to participate in decisions concerning your drinking water and water system contacts.

Source Water Information

The **Village of Lakemore** Water Treatment Plant, which is located at 2827 Sanitarium Road in Lakemore, uses well water as a source. The well field consists of four (4) wells located on the north side of Sanitarium Road. The water is pumped from the well field to the water plant. Chlorine and phosphorate are added. Chlorine is added to disinfect the water. Chlorine protects the community by destroying or inactivating bacteria that may be introduced into the distribution system. Coliform bacteria are generally thought of as indicator bacteria. Phosphorate is added to reduce iron and manganese staining of clothing and plumbing fixtures***.***

SUSCEPTIBILITY ANALYSIS

The susceptibility of the aquifer (source of drinking water) to contamination was determined by evaluating (1) site-specific information (i.e., aquifer material, topography, soils, rate of ground water recharge, etc), (2) pollution potential rating of the drinking water source protection area, (3) available ground water quality data, and (4) potential contaminant sources that were identified within the drinking water source protection area. The results of this evaluation indicate that the aquifer within the protection area has a moderate susceptibility because of the following reasons:

- The wells are over 200 ft. deep and the sandstone aquifer has a depth of water of 26 feet below ground surface
- A 10 ft. thick layer of shale exists, which allows limited protection from contaminants entering the aquifer
- Water quality results do not indicate that contamination has impacted the aquifer
- Potential significant contaminant sources exist within the protection area

This susceptibility analysis is subjected to revision if new potential contaminant sources are sited within the protection area, or if the water sampling results indicate contamination by a manmade contaminant source.

Copies of the source water assessment report prepared for Village of Lakemore are available by contacting wwwapp.epa.ohio.gov/gis/swpa/OH77018112.pdf

The **Village of Lakemore Water system** also has an ***Emergency*** connection with the **City of Akron *Water System***. During ***2022*** we used 0 gallons from this connection over 0 days. On average, this connection is used for approximately 0 days each year. This report does not contain information on the water quality received from the **City of Akron *Water System***, but a copy of their consumer confidence report can be obtained by contacting ***City of Akron Water Department.***

What are sources of contamination to drinking 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.

Contaminants that may be present in source water include: (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; (B) 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; (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; (D) 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; (E) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, USEPA 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.

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 Federal Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791).

Who needs to take special precautions?

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 infection. 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).

About your drinking water.

The EPA requires regular sampling to ensure drinking water safety. The **Village of Lakemore** conducted sampling for ***bacteria; inorganic; and disinfection byproducts*** during ***2022***. Samples were collected for a total of ***five (5)*** different contaminants most of which were not detected in the **Village of Lakemore** water supply. The Ohio EPA requires us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, are more than one year old.
Water Hardness = 14 grains / gallon, 324.9 m/l

Table of Detected Contaminants

Listed below is information on those contaminants that were found in the **Village of Lakemore** drinking water.

TABLE OF DETECTED CONTAMINANTS

Contaminants (Units)	MCLG	MCL	Level Found	Range of Detections	Violation	Sample Year	Typical Source of Contaminants
Disinfectant and Disinfectant By-Products							
Total Chlorine (ppm)	MRDLG = 4	MRDL = 4	1.103458	0.1167 - 1.3729	No	2022	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	N/A	60	8		No	2022	By-product of drinking water disinfection
Total Trihalomethanes (TTHM) (ppb)	N/A	80	34.3		No	2022	By-product of drinking water disinfection
Inorganic Contaminants							
Antimony(UG/L)			< 3.0		No	2022	Erosion of natural deposits
Arsenic (ppb)	0	10	< 3.0		No	2022	Erosion of natural deposits
Barium (ppm)	2	2	0.3		No	2022	Erosion of natural deposits
Beryllium (UG/l)			< 0.5		No	2022	Erosion of natural deposits
Cadmium (UG/l)			< 0.5		No	2022	Erosion of natural deposits
Chromium (ppb)	100	100	< 10		No	2022	Erosion of natural deposits

Cyanide (MG/l)			< 0.005		No	2022	Erosion of natural deposits
Fluoride (ppm)	4	4	0.274		No	2022	Water additive which promotes strong teeth
Mercury(UG/l)			< 0.2		No	2022	Erosion of natural deposits
Nickel (ppm)	NA	NA	< 10.0		No	2022	Erosion of natural deposits
Selenium (UG/l)			< 3.0		No	2022	Erosion of natural deposits
Thallium (UG/l)			< 1.0		No	2022	Erosion of natural deposits
Nitrite	10	10	0.01		No	2022	
Radiologicals							
GROSS ALPHA, INCL. RADON & U	0	15	3.58 PCI/L		No	2022	Erosion of natural deposits
COMBINED RADIUM (-226 & -228)	0	5	3.17 PCI/L		No	2022	Erosion of natural deposits
Volatile Organic Chemicals (VOC)							
Nitrate (ppm)	10	10	0.1		No	2022	Not naturally occurring
Bromodichloromethane	NA	NA	10.8 UG/L		No	2022	Not naturally occurring
Chloroform	NA	NA	14.8 UG/L		No	2022	Not naturally occurring

Dibromochloromethane	NA	NA	7.5 UG/L		No	2022	Not naturally occurring
Lead and Copper							
Contaminants (units)	**Action Level (AL)**	**MCLG**	**Individual Results over the AL**	**90% of test levels were less than**	**Violation**	**Year Sampled**	**Typical source of Contaminants**
Lead (ppb)	15 ppb	0 ppb		1.0	No	n/a	Corrosion of household plumbing systems; erosion of natural deposits
	_0_ out of _10_ samples were found to have lead levels in excess of the lead action level of 15 ppb.						
Copper (ppm)	1.3 ppm	1.3 ppm		0.63	No	2022	Erosions of natural deposits; leaching from wood preservatives; Corrosions of household plumbing systems
	__0_ out of 10_ samples were found to have copper levels in excess of the copper action level of 1.3 ppm.						

Violations

The Village of Lakemore received notices secondary standards action level exceedance for the levels of manganese and iron during the year 2022. While the violation was issued to the Village of Lakemore, the report states that no additional treatment is required at this time.

DRINKING WATER NOTICE

Monitoring requirements not met for Lakemore Village PWS

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the 2022 Annual time period we (must collect samples during the July 1st to September 30th time frame) did not monitor for the following contaminants (samples taken October 19, 2022) and therefore cannot be sure of the quality of our drinking water during that time: Disinfection By-Products.

What Should I Do?

This notice is to inform you that Lakemore Village PWS did not monitor and report results for the presence of the contaminants listed above in the public drinking water system during the 2022 Annual time period, as required by the Ohio Environmental Protection Agency. You do not need to take any actions in response to this notice.

What Is Being Done?

Upon being notified of this violation, the water supply was required to have the drinking water analyzed for the above mentioned parameters. The water supplier will take steps to ensure that adequate monitoring will be performed in the future.

A sample was (will be) collected on 10/19/2022.

Sample results and additional information may be obtained by contacting Lakemore Village PWS at:

Contact Person: Chris Alderman

Phone Number: 330-573-6318

Mailing Address: P.O. Box 455, Lakemore, Ohio, 44250.

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.

PWSID: OH7701812 Facility ID: DS1

Date Distributed: __06/28/2023___

Lead Educational Information

All CCRs must include the following paragraph:

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. Village of Lakemore 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 at 800-426-4791 or at http://www.epa.gov/safewater/lead.

License to Operate (LTO) Status Information

In ***2022*** we had an unconditioned license to operate our water system.

Public Participation and Contact Information

COPIES OF THE CONSUMER CONFIDENCE REPORT ARE AVAILABLE ON OUR WEBSITE www.lakemoreohio.org. COPIES WILL BE MAILED TO RESIDENTS. COPIERS WILL BE AVAILABLE AT THE LAKEMORE MUNICIPAL BLDG

How do I participate in decisions concerning my drinking water?

Public participation and comment are encouraged at regular meetings of ***Village of Lakemore*** which meets ***the first and third Monday of each month, excluding legal holidays, at 7:00 p.m.*** For more information on your drinking water contact ***Lakemore Administration Building at 330-733-6125 ext. 3.***

Definitions of some terms contained within this report.

- 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.

- Maximum Contaminant level (MCL): The highest level of contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

- Parts per Million (ppm) or Milligrams per Liter (mg/L) are units of measure for concentration of a contaminant. A part per million corresponds to one second in a little over 11.5 days.

- Parts per Billion (ppb) or Micrograms per Liter (µg/L) are units of measure for concentration of a contaminant. A part per billion corresponds to one second in 31.7 years.

- The "<" symbol: A symbol which means less than. A result of <5 means that the lowest level that could be detected was 5 and the contaminant in that sample was not detected.

- Picocuries per liter (pCi/L): A common measure of radioactivity.

VILLAGE OF LAKEMORE 2023

To Contact the Offices for the Village of Lakemore:
330-733-6125 ext. 1 Mayor Cole
330-733-6125 ext. 2 Fiscal Officer Megan Pitman for payroll, accounts payable, and accounts receivable
330-733-6125 ext. 3 Village Administrator Tracy Sayers for zoning, Public Services, or any general questions or concerns
AFTER HOURS WATER LINE OR SEWER LINE EMERGENCIES 330-573-6318
330-733-6125 ext. 4 Water/Sewer/Trash billing and collections
330-733-6125 ext. 5 Lakemore Fire Department
330-733-6125 ext. 6 Lakemore Police Department

OUR WEBSITE IS www.lakemoreohio.org
OUR FACEBOOK PAGE IS Village of Lakemore @keeplakemoremovingforward Community
Some Civic Organizations in Lakemore: Lakemore Lions Club
Port-Summit Rotary