



VILLAGE OF MUIR

2024 SPRING NEWSLETTER

Village of Muir Office Hours:

See Website

122 W. Superior St., Muir, MI 48860

<http://www.villageofmuirmi.gov>

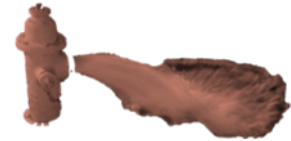
- Please see bulletin board posting outside the Village Office for meeting dates and holiday closures
- Council Meetings are the second Tuesday of each month starting at 7:00 pm
- Water/Sewer/Trash bill payments may be placed in the drop-box outside of the Village Office or paid online at our website [villageofmuirmi.gov](http://www.villageofmuirmi.gov)

The Village of Muir is an equal opportunity provider and employer.

HYDRANT FLUSHING

APRIL 8TH – APRIL 12TH

You may experience discolored water during week.



this



SPRING CLEAN UP SATURDAY APRIL 13, 2024 7 AM TO 11 AM

The Village will be using packer trucks for SPRING CLEAN-UP this year. Trucks will be located in the alley behind the Village Office. The Village DPW will be available to help unload large items. Scrap wood must be cut in lengths shorter than 6'. No concrete. Residents needing assistance with getting items to the dumpster must call the Village Office before April 11th to make arrangements.

THE TRUCKS ARE FOR RESIDENTS ONLY, please bring proof of

residency.

ITEMS NOT ACCEPTED: TIRES, BATTERIES, PAINT, PESTICIDES AND COMBUSTIBLES, APPLIANCES WITH FREON, CONCRETE.

ORDINANCE COMMITTEE

The Ordinance Committee will be making their Spring rounds after Clean Up Day. Unlicensed vehicles and yard debris will be addressed. Take advantage of Clean Up Day to make avoid citations.



**MOBILE
FOOD
PANTRY**

TWIN RIVERS ELEMENTARY SCHOOL 435 LOU LEMKE LANE
FIRST TUESDAY OF EVERY MONTH 6 PM



2023 Water Quality Report for the Village of Muir

This report covers the drinking water quality for the Village of Muir for the 2023 calendar year. This information is a snapshot of the quality of the water that we provided to you in 2023. Included are details about where your water comes from, what it contains, and how it compares to United States Environmental Protection Agency (U.S. EPA) and state standards.

Your water comes from two groundwater wells. The Village of Muir has one well located off M21 in the village limits, 151 ft. deep, drawing from a glacial drift aquifer of the Pleistocene Age. The Village has one well located on Arthurburg St., 500 ft. deep, drawing from the Saginaw Formation. The State performed an assessment of our source water in 2015 to determine the susceptibility or the relative potential of contamination. The susceptibility rating is on a six-tiered scale from “very low” to “high” based primarily on geologic sensitivity, water chemistry and contaminant sources. The susceptibility of our source off M21 is “High”. The susceptibility of our source on Arthurburg is “Low”.

There are no significant sources of contamination in our water supply. The Village of Muir tested both of our wells for PFAS in September of 2023. There was no detectable PFAS in either source. We are making efforts to protect our sources by completing a Wellhead Protection Program and maintaining a Wellhead Protection Team in conjunction with the Village of Lyons. The Team meets quarterly and does various public education events, including programs at Twin Rivers Elementary.

If you would like to know more about the report, please contact: Muir Village, Jerrett Loomis, Water Operator, at 216 E. Maple St., Muir, MI 48860.

Contaminants and their presence in 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 U.S. EPA’s Safe Drinking Water Hotline (800-426-4791).

Vulnerability of sub-populations: 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 systems 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. U.S. EPA/Center for Disease Control 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).

Sources of drinking water: The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. Our water comes from 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.

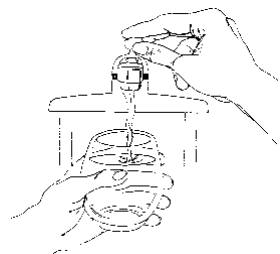
Contaminants that may be present in source water include:

- **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 and residential uses.
- **Radioactive contaminants**, which can be naturally occurring or be the result of oil and gas production and mining activities.
- **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 stormwater runoff, and septic systems.

Information about lead: 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. At this time The Village of Muir has 300 total service lines and no known lead service lines thanks to our service line replacement project in 2022. The Village of Muir 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

Water Quality Data

In order to ensure that tap water is safe to drink, the U.S. EPA prescribes regulations that limit the levels of certain contaminants in water provided by public water systems. Federal Food and Drug Administration regulations establish limits for contaminants in bottled water which provide the same protection for public health



The table below lists all the 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 this table is from testing done January 1 through December 31, 2023. The State allows 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. All the data is representative

of the water quality, but some are more than one year old.

Terms and abbreviations used below:

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

available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

We will update this report annually and will keep you informed of any problems that may occur throughout the year, as they happen. Copies are available at the Muir Village Office, 122 W Superior Street, Muir, MI 48860.

We invite public participation in decisions that affect drinking water quality. **The Village Council meets the second Tuesday of each month at 7 PM at the Village Office.** For more information about your water, or the contents of this report, contact Jerrett Loomis, 989-855-2144, villageofmuir.com. For more information about safe drinking water, visit the U.S. EPA at <http://www.epa.gov/safewater/lead>

Monitoring Data for Regulated Contaminants							
Regulated Contaminant	MCL, TT, or MRDL	MCLG or MRDLG	Level Detected	Range	Year Sampled	Violation Yes/No	Typical Source of Contaminant
Barium (ppm)	2	2	0.09	0.09	2018	No	Discharge of drilling wastes; Discharge of metal refineries; Erosion of natural deposits
Nitrate (ppm)	10	10	0.72	0-0.72	2023	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Fluoride (ppm)	4	4	0.27	0.22-0.27	2023	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Sodium ¹ (ppm)	N/A	N/A	26	9.4-29	2023	No	Erosion of natural deposits
TTHM Total Trihalomethanes (ppb)	80	N/A	2.2	2.2	2023	No	Byproduct of drinking water disinfection
Chlorine ² (ppm)	4	4	0.38	0.11-0.71	2023	No	Water additive used to control microbes
Inorganic Contaminant Subject to Action Levels (AL)	Action Level	MCLG	Your Water ³	Range of Results	Year Sampled	Number of Samples Above AL	Typical Source of Contaminant
Lead (ppb)	15	0	3	0-4	2021	0	Lead service lines, corrosion of household plumbing including fittings and fixtures; Erosion of natural deposits
Copper (ppm)	1.3	1.3	0.10	0-0.4	2021	0	Corrosion of household plumbing systems; Erosion of natural deposits

¹ Sodium is not a regulated contaminant.

² The chlorine "Level Detected" was calculated using a running annual average.

³ Ninety (90) percent of the samples collected were at or below the level reported for our water.

