

# 2025 Water Quality Report for City of St Clair

Water Supply Serial Number: 6270

This report covers the drinking water quality for City of St Clair Water Treatment Plant for the 2025 calendar year. This information is a snapshot of the quality of the water that we provided to you in 2025. 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 the St Clair River. The State performed an assessment of our source water to determine the susceptibility or the relative potential of contamination. The susceptibility rating is on a seven-tiered scale from "very-low" to "very-high" based on geologic sensitivity, well construction, water chemistry and contamination sources. The susceptibility of our source water is high given land uses and potential contaminant sources. A copy of the report is available from your water department.

**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).

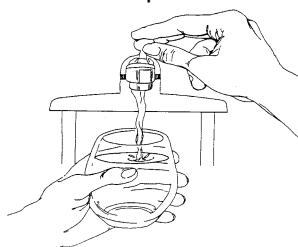
**Vulnerability of sub-populations:** Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune systems 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.

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.



## Water Quality Data

The table below lists all the drinking water contaminants that we detected during the 2025 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, 2025. 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.
- Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.
- ppm: parts per million or milligrams per liter
- ppb: parts per billion or micrograms per liter
- Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

1 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
Nitrate (ppm)	10	10	.51	N/A	May 2025	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Fluoride (ppm)	4	4	.59	N/A	May 2025	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
TTHM Total Trihalomethanes (ppb)	80	N/A	54	8.2-61	August 2025	No	Byproduct of drinking water disinfection
HAA5 Haloacetic Acids (ppb)	60	N/A	10	6.8-18	August 2025	No	Byproduct of drinking water disinfection
Chlorine <sup>1</sup> (ppm)	4	4	1.2	1.0-1.4	Daily	No	Water additive used to control microbes
Total Coliform	TT	N/A	N/A	N/A	Daily	No	Naturally present in the environment
E. coli in the distribution system (positive samples)	See E. coli note <sup>2</sup>	0	0	N/A	6 x Month	No	Human and animal fecal waste
Fecal Indicator – E. coli at the source (positive samples)	TT	N/A	0	N/A	Daily	No	Human and animal fecal waste

<sup>1</sup> The chlorine “Level Detected” was calculated using a running annual average.

<sup>2</sup> *E. coli* MCL violation occurs if: (1) routine and repeat samples are total coliform-positive and either is *E. coli*-positive, or (2) the supply fails to take all required repeat samples following *E. coli*-positive routine sample, or (3) the supply fails to analyze total coliform-positive repeat sample for *E. coli*

<i>Contaminant Subject to AL</i>	Action Level	MCLG	Results	Sample Date	Number of Samples Above AL	Typical Source of Contaminant
City of St. Clair Lead (ppb)	12	0	90 <sup>th</sup> percentile: 2ppb Range: ND to 8ppb	August 2023	0	Lead service lines, corrosion of household plumbing including fittings and fixtures; Erosion of natural deposits
City of St. Clair Copper (ppm)	1.3	1.3	90 <sup>th</sup> percentile: 0.1ppm Range: ND to .2ppm	August 2023	0	Corrosion of household plumbing systems; Erosion of natural deposits
The City of St. Clair has 2404 service lines. Of those, 1109 are known not to be lead and 1295 have an unknown material other than lead.						
St. Clair Township Lead (ppb)	12	0	90 <sup>th</sup> percentile: 0ppb Range:ND to 7ppb	June 2023	0	Lead service lines, corrosion of household plumbing including fittings and fixtures; Erosion of natural deposits
St. Clair Township Copper (ppm)	1.3	1.3	90 <sup>th</sup> percentile: 0.2ppm Range: 0.0 to 0.3ppm	June 2023	0	Corrosion of household plumbing systems; Erosion of natural deposits
St Clair Township has 1043 service lines. Of those, 764 are either copper or plastic and 279 have an unknown status						

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

## Additional Monitoring

Unregulated contaminants are those for which the U.S. EPA has not established drinking water standards. Monitoring helps the U.S. EPA determine where certain contaminants occur and whether regulation of those contaminants is needed.

Unregulated Contaminant **	Level Detected	Date	Typical Source of Contaminant
Sodium (ppm)	7.8	5/6/2025	Erosion of Natural Deposits
Sulfate (ppm)	23	5/6/2025	Storm water runoff, Septic Systems
Chloride (ppm)	11	5/6/2025	Ground Water, Geological Formations

**Information about lead:** *Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. City of St Clair is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for at least 5 minutes to flush water from both your home plumbing and the lead service line. If you are concerned about lead in your water and wish to have your water tested, contact City of St Clair Water Department at 480-629-5276 for available resources. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <https://www.epa.gov/safewater/lead>.*

## Incidents

We are required to deliver notification to customers with lead service lines, galvanized service lines previously connected to lead, or service lines of unknown lead status, and certify to the State that these notifications were sent.

Our system failed to notify customers by the required deadline. Although the failure to comply with the reporting deadline 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 previously connected to lead, 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.

*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 February 1,*

*2025 to February 28, 2025, we did not sample for disinfection byproducts (DBPs). Therefore, we cannot be sure of the quality of your drinking water during that time. Samples were collected on January 31, 2025.*

Our water supply has 0 lead service lines, 302 Galvanized Previously Connected to Lead Lines, and 1147 service lines of unknown material out of a total of 2430 service lines. If you would like to know more about this report, please contact: Jay Silvers 810-329-5276 St Clair Water Treatment Plant 1200 Adams St, St Clair MI 48079

Monitoring and Reporting to the Department of Environment, Great Lakes, and Energy (EGLE) Requirements: The State of Michigan and the U.S. EPA require us to test our water on a regular basis to ensure its safety. We met all the monitoring and reporting requirements for 2025.

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 **Copies of this report are available at:**

**St. Clair City Hall**

**547 North Carney Drive**

**St. Clair, MI. 48079**

**St. Clair Township**

**1539 South Bartlett Road**

**St. Clair, MI. 48079**

This report will not be sent to you.

We invite public participation in decisions that affect drinking water quality. **City Council meets the, First (1) and Third (3) Monday of each month in the council room at city hall, 547 North Carney Drive. St. Clair Township meets the, First (1) and Third (3) Monday of each month at the Township Hall.** For more information about your water or the contents of this report, call the City of St. Clair Water Plant at 329-5276 or visit our web site at [www.cityofstclairmi.gov](http://www.cityofstclairmi.gov). In St. Clair Twp. call the St. Clair Township Hall at 329-9042. For more information about safe drinking water, visit the U.S. Environmental Protection Agency at [www.epa.gov/safewater/](http://www.epa.gov/safewater/).