

City of Oil City
Engineering Office
21 Seneca Street
Oil City, PA 16301

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2023 Drinking Water Quality Report City of Oil City - PWSID 6610023

This report contains important information about your drinking water.
Have someone translate it for you or speak with someone who understands it.

Este informe contiene información importante acerca de su agua potable.
Haga que alguien lo traduzca para usted, ó hable con alguien que lo entienda.



For Further Information

If you have any questions about this report or your water utility, please contact the City Engineering Office at 678-3020. Regular City Council meetings are normally held on the second and fourth Thursdays of each month at 4:30 p.m. in City Hall Council Chambers, 21 Seneca Street. We encourage our residents to attend these meetings and become more involved with City government.

City of Oil City website www.oilcity.org

EPA Drinking Water website www.epa.gov/safewater

City of Oil City

2023 Drinking Water Quality Report



The City of Oil City is required by law to forward this annual report to all its water customers. We routinely monitor the quality of your drinking water according to Federal and State laws. The Detected Contaminants Tables included in this brochure show the results of our monitoring for the period January 1st to December 31st, 2023.

Your Drinking Water Source

The source of Oil City's drinking water is groundwater, consisting of a series of wells at the Seneca Farm field located along the Allegheny River upstream from the Oil City business district. The Seneca Farm field has been supplying drinking water for the city since 1897.

Drinking Water Quality

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. In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection (DEP) prescribe regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) and DEP regulations establish limits for contaminants in bottled water which must provide the same protection for public health. More information about contaminants and potential health effects can be obtained by calling EPA's Safe Drinking Water Hotline (1-800-426-4791).

Sources of Contamination

As groundwater travels through the ground, it dissolves naturally occurring substances, and can pick up substances resulting from the presence of animals or from human activity. Contaminants can include microbes such as viruses and bacteria, organic chemicals, inorganic substances such as salts and metals, pesticides or herbicides, or radioactive materials.

Oil City's drinking water is disinfected with chlorine, which produces certain by-products. The water may also dissolve substances found in the piping network within the distribution system and in-home plumbing systems.

With funding and technical assistance from DEP, a Source Water Protection Plan was completed for Oil City in 2010. The complete Plan is available for review in the City Engineer's Office.

***** Attention Immuno - Compromised Persons *****

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 infections. These people should seek advice about drinking water from their health care providers. More information is available from the Safe Drinking Water Hotline (1-800-426-4791).

DETECTED CONTAMINANTS TABLES

Contaminant (Unit of Measurement)	MCL	MCLG	Frequency	Highest Level Detected	Violation Yes/No	Likely Source of Contamination
Distribution Chlorine (ppm) 2023	MRDL = 4	MRDLG = 4	Weekly	(1) 0.92 December	No	Water additive used to control microbes
Nitrate (ppm) 6/29/23	10	10	Annual	0.18	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Barium (ppm) 5/13/21	2	2	Every 3 Years	0.0434	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
TTHM (Total Trihalomethanes) (ppb) 2023	80	N/A	Annual	(2) 11.9- 23.8	No	By-product of drinking water chlorination
Haloacetic Acids (HAA) (ppb) 2023	60	N/A	Annual	(2) 6.19–6.58	No	By-product of drinking water disinfection

(1) Highest monthly average of samples taken. Monthly averages ranged from 0.74 to 0.92 ppm.

(2) Levels detected for two sites.

Entry Point Disinfectant Residual

Contaminant (Units)	MinRDL	Lowest Level Detected	Range of Detections	Violation Yes/No	Likely Source of Contamination
Chlorine (ppm) 2023	0.40	0.51*	0.51-1.26	No	Water additive used to control microbes

*Lowest level detected on 7/6/23

Lead and Copper

Contaminant (Units)	Action Level (AL)	MCLG	90 th percentile value	# Of Sites Above AL of Total Sites	Violation Yes/no	Likely Source of Contamination
Copper (ppm) 2022	1.3	1.3	0.362	0 out of 30	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Lead (ppb) 2022	15	0	2.56	0 out of 30	No	Corrosion of household plumbing systems; Erosion of natural deposits

Definitions

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.

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

Minimum Residual Disinfectant Level (MinRDL) - The minimum level of residual disinfectant required at the entry point to the distribution system.

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.

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.

ppm – parts per million, or milligrams per liter (mg/L)
liter

ppq = parts per quadrillion, or picograms per

ppb – parts per billion, or micrograms per liter (µg/L)

ppt = parts per trillion, or nanograms per liter

Mrem/year = millirems per year (a measure of radiation absorbed by the body)

pCi/L = picocuries per liter (a measure of radioactivity)

Lead in Drinking Water



The city adds a corrosion control product to its water supply in order to reduce the levels of lead that may be in your tap water. Monitoring has shown that lead levels overall have decreased since the addition of this product beginning in 1998; however, it is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing system.

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. The City of Oil City is responsible for providing high quality drinking water but cannot control the types of materials used in plumbing components. When your water has not been used for several hours, you can minimize the potential for lead exposure by flushing your tap water for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead levels in your home's water, you may wish to have your water tested.

Lead in drinking water is rarely the sole cause of lead poisoning, but it can add to a person's total lead exposure. All potential sources of lead in the household should be identified and removed, replaced, or reduced.

Additional information is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/safewater/lead>.

About Water Service Disruptions

If there is a disruption in your water service for an unknown reason, please call the Engineering Office (or the Police Department during off-hours).

When a water line break occurs, the rust present in the pipes can become upset and cause discoloration of the water. If your water service is disrupted due to a water main break, the City recommends that you not use your water until your full water pressure has been restored. The City then recommends using only your cold water to flush your line, in order to avoid getting discolored water into your hot water tank. Flushing of your water line may take several minutes until the water clears. If discoloration persists, you should call the Engineering Office (or the Police Department during off-hours) for assistance.

Contacting City Hall



City Hall offices are open from 8 am to 4:30 pm Monday thru Friday, except holidays. The Police Department is always open. Water emergencies during City Hall office hours may be reported to the Engineering Office at 678-3020. Water emergencies during off hours may be reported to the Police Department at 678-3080, or for Telecommunication Relay Service use only, please dial 711.

Water quality inquiries or other inquiries about the water system should be directed to the City Engineer's Office at 678-3020 during City Hall office hours. Billing inquiries should be directed to the Utility Office at 678-3002 during City Hall office hours.

Water Conservation Goal Statement: The City of Oil City seeks the most efficient use of its water system, thereby optimizing the use of natural resources and revenues while providing reliable and excellent quality water to our customers.

