

2024 WATER QUALITY REPORT FOR OXFORD WATER SUPPLY

This report contains important information regarding the water quality in our water system. The source of our water is groundwater. Our water quality testing shows the following results:

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation Yes/No	Source
		Type	Value & (Range)			
Total Trihalomethanes (ppb) [TTHM]	80 (N/A)	LRAA	25.00 (25 - 25)	09/30/2024	No	By-products of drinking water chlorination
Total Haloacetic Acids (ppb) [HAA5]	60 (N/A)	LRAA	7.00 (7 - 7)	09/30/2024	No	By-products of drinking water disinfection
Lead (ppb)	AL=15 (0)	90th	9.00 (ND - 13)	2023	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.29 (0.03 - 0.39)	2023	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
950 - DISTRIBUTION SYSTEM						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	0.8 (0.54 - 1.39)	12/31/2024	No	Water additive used to control microbes
Total Coliform Bacteria	TT (TT)	RTCR	1 sample(s) positive	09/30/2024	No	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other waterborne pathogens may be present, or that a potential pathway exists through which contamination may enter the drinking water.
02 - S/EP FROM WELLS 4 & 5 (1991)						
Fluoride (ppm)	4 (4)	SGL	0.12	10/10/2022	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Barium (ppm)	2 (2)	SGL	0.11	10/10/2022	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Sodium (ppm)	N/A (N/A)	SGL	13	10/10/2022	No	Erosion of natural deposits; Added to water during treatment process

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

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.
- ppb – parts per billion.
- ppm – parts per million.
- pCi/L – picocuries per liter
- N/A – Not applicable
- ND – Not detected
- RAA – Running Annual Average
- Treatment Technique (TT) – A required process intended to reduce the level of a contaminant in drinking water.

- Action Level (AL) – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- 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.
- 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.
- SGL – Single Sample Result
- RTCR – Revised Total Coliform Rule
- NTU – Nephelometric Turbidity Units

GENERAL INFORMATION

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 posed a health risk. More information about contaminants or potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

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. 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 (800-426-4791).

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. OXFORD WATER SUPPLY 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>.

Our water supply has completed a service line inventory. Please contact us for information regarding the inventory and how you can access the results.

OTHER VIOLATIONS

In July 2024 we had a Consumer Confidence Report (CCR) violation for Consumer Confidence Reports Rule.

In December 2024 we failed to monitor for Nitrate. Adverse health effects, if any, are not known. Monitoring procedures have been corrected to avoid future violations.

SOURCE WATER ASSESSMENT INFORMATION

This water supply obtains its water from the sand and gravel of the Alluvial aquifer. The Alluvial aquifer was determined to be highly susceptible to contamination because the characteristics of the aquifer and overlying materials provide little protection from contamination at the land surface. The Alluvial wells will be highly susceptible to surface contaminants such as leaking underground storage tanks, contaminant spills, and excess fertilizer application. A detailed evaluation of your source water was completed by the Iowa Department of Natural Resources, and is available from the Water Operator at 319-936-4189 .

CONTACT INFORMATION

For questions regarding this information or how you can get involved in decisions regarding the water system, please contact OXFORD WATER SUPPLY at 319-936-4189.

Facility Name: Oxford Public Works PWSID#: 5260017

Date: 01-30-2025

PUBLIC NOTIFICATION

MONITORING VIOLATION OF THE WATER TESTING SCHEDULE

Our water system violated a drinking water standard(s) over the past year. Even though these were not emergencies, as our customers, you have a right to know what happened and what we did to correct these situations.

We, the City of Oxford Public Water Supply (include a description of the areas served if it is not evident from the supply name) 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 October - December ~~(2024)~~ we did not monitor or test Take Nitrate Samples for Wells #4 and #5 and therefore cannot be sure of the quality of our drinking water during that time.

What should I do?

There is nothing you need to do at this time.

What Happened? What is being done?

[Describe corrective action]

We have since this time. Made a check-off list for all samples that are required on our current DNR City Water Permit.

For more information, please contact : Scot Wetjen @ 319-458-2023

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.

- 1 – NAME OF PUBLIC WATER SUPPLY (PWS)
- 2 – FREQUENCY: MONTH, CALENDAR QUARTER, YEAR, ETC
- 3 – NUMBER OF SAMPLES
- 4 – NAME OF CONTAMINANT
- 5 – NAME AND PHONE NUMBER OF LOCAL CONTACT