

# 2024 WATER QUALITY REPORT FOR OSCEOLA WATER WORKS

This report contains important information regarding the water quality in our water system. The source of our water is surface water. 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	37.00 (31 - 41)	12/31/2024	No	By-products of drinking water chlorination
Total Haloacetic Acids (ppb) [HAA5]	60 (N/A)	LRAA	27.00 (23 - 38)	12/31/2024	No	By-products of drinking water disinfection
Lead (ppb)	AL=15 (0)	90th	6.00 (ND - 18) 1 sample(s) exceeded AL	2024	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.22 (0.01 - 0.39)	2024	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
<b>950 - DISTRIBUTION SYSTEM</b>						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	2.7(.85 - 3.96)	10/07/2025	Yes	Water additive used to control microbes
<b>01 - S/EP FROM WEST LAKE</b>						
Barium (ppm)	2 (2)	SGL	0.06	07/17/2023 (test every 9 years)	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4 (4)	SGL	0.79 (.30 - .98)	07/29/2024	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Sodium (ppm)	N/A (N/A)	SGL	37	08/19/2024	No	Erosion of natural deposits; Added to water during treatment process
Atrazine (ppb)	3 (3)	SGL	0.30	03/05/2024	No	Runoff from herbicide used on row crops
Nitrate [as N] (ppm)	10 (10)	SGL	.250	04/24/2024	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Dalapon (ppb)	200 (200)	SGL	0.60	03/05/2024	No	Runoff from herbicide used on rights of way
Turbidity (NTU)	N/A (N/A)	TT	.54 99.93% of annual turbidity samples met turbidity limits	09/05/2024	No	Soil runoff
Total Organic Carbon Toc ppm	N/A	TT	1.28 (.95 -1.89)	2024	No	Naturally present in the environment

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