

1,4-DIOXANE TESTING DATA

Seminole County tests drinking water regularly to ensure it remains safe to consume. This report summarizes monthly testing results for 1,4-dioxane, a contaminant of concern. A Health Advisory Level (HAL) for 1,4-dioxane was established in 2012 by the Environmental Protection Agency (EPA) at 0.35 parts per billion (ppb). Florida adopted the EPA's HAL in December 2015.

Sample Date	Concentration, µ/L µg/L = micrograms per Liter				
	Sample Sites				
	SERWTP	IHWTP	LWTP	MRWTP	CCWTP
5/31/2023	0.127 J	< 0.04	< 0.04	0.114 J	< 0.04
7/14/2023	< 0.04	< 0.04	< 0.04	0.136 J	< 0.04
8/15 & 8/16/2023	< 0.04	< 0.04	< 0.04	0.168 J	< 0.04
9/2023	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
10/2023	< 0.04	< 0.04	< 0.04	*	< 0.04
11/2023	*	*	*	0.187 J	< 0.05
12/2023	< 0.04	*	< 0.04	0.146 J	< 0.04
01/2024	< 0.04	*	< 0.04	*	< 0.04
02/2024	< 0.04	< 0.04	*	*	< 0.04
03/2024	< 0.032	0.11	< 0.032	0.16	< 0.032
04/2024	< 0.032	0.093	< 0.032	0.18	< 0.032
05/2024	< 0.062	0.10	< 0.062	0.21	< 0.062
06/2024	< 0.062	0.11	< 0.062	0.23	< 0.062
07/2024	< 0.062	0.12	< 0.062	0.20	< 0.062
08/2024	< 0.062	0.12	< 0.062	0.19	< 0.062
09/2024	< 0.062	0.084	< 0.062	0.17	0.0418
10/2024	< 0.062	0.082	< 0.062	0.15	< 0.062

Chart Key

* Contaminated sample due to laboratory quality control errors. Due to frequency of contaminated samples, Seminole County replaced its contracted laboratory in April 2024.

J = Estimated Value, due to low concentrations

0.0400 Detection Level/EPA method 522

SERWTP - Southeast Regional Water Treatment Plant

MRWTP - Markham Regional Water Treatment Plant

IHWTP - Indian Hills Water Treatment Plant

CCWTP - Country Club Water Treatment Plant

LWTP - Lynwood Water Treatment Plant

For more information, visit seminolecountyfl.gov/dioxane