

2019 Monitoring Results for the City of Fostoria PWS ID # OH7400411

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 (1-800-426-4791).

Contaminant	Unit	MCLG Health Goal	MCL EPA's Limits	Highest Level Detected	Range Detected	Violation Yes / No	Year Sampled (2)	Potential Source of contamination
-------------	------	------------------	------------------	------------------------	----------------	--------------------	------------------	-----------------------------------

Microbiological Contaminants

Total Organic Carbon	ppm	NA	TT	2.31 LARA	1.70 - 4.6	NO	2019	Naturally Present in the environment
----------------------	-----	----	----	-----------	------------	----	------	--------------------------------------

The value reported under "Level Found" for Total Organic Carbon (TOC) is the annual running average of the ratio between percentage of TOC actually removed to the percentage of TOC required to be removed. A value of greater than one (1) indicates that the water system is in compliance with TOC removal requirements. A value of less than one (1) indicates a violation of the TOC removal requirements.

Turbidity (1)	NTU	TT = 1 NTU		0.09	0.02-0.09	NO	2019	Soil Runoff
		95 % of Samples must be less than 0.3 NTU		100% met 0.3 NTU Limits				

Inorganic Contaminants

Copper	ppm	1.3	1.3 = AL	0.038 90th percentile	All sites below AL	NO	2017	Corrosion of Household Plumbing Systems. Erosion of natural deposits. Leaching from wood preservatives.
Fluoride	ppm	4	4	1.19	0.85-1.19	NO	2019	Erosion of Natural deposits. Water additive to promote strong teeth. Discharge from fertilizer and Aluminum factories.
Lead	ppb	0	15 = AL	< 0.0 90th percentile	All sites below AL	NO	2017	Corrosion of Household Plumbing Systems. Erosion of natural deposits.
Nitrate	ppm	10	10	1.53	0.51-1.53	NO	2019	Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits

Residual Disinfectants

Chlorine	ppm	MRDLG = 4	MRDL = 4	1.25 HQA	0.98 - 1.57	NO	2019	Water Additive to control microbes.
----------	-----	-----------	----------	----------	-------------	----	------	-------------------------------------

Radiological Contaminants

Combined Radium	pCi/L	0	5	1 pCi/L	NA	NO	2019	Erosion of natural deposits
Alpha emitters	pCi/L	0	15	3 pCi/L	NA	NO	2019	Erosion of natural deposits

Unregulated Substances Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. In 2019 the City of Fostoria WTP participated in the fourth round of the Unregulated Contaminant Monitoring Rule (UCMR 4). For a copy of the results please call Rob Shaver at 419-435-2793.

Contaminant	Unit	MCLG Health Goal	MCL EPA's Limits	Highest Level Detected	Range Detected	Violation Yes / No	Year Sampled (2)	Potential Source of contamination
-------------	------	------------------	------------------	------------------------	----------------	--------------------	------------------	-----------------------------------

Volatile Organic Contaminants

HCV								
Haloacetic Acid (HAA5s)	ppb	NA	60	21.23	11.4 - 26.7	NO	2019	Byproduct of Drinking Water Chlorination.
Total Trihalomethanes (TTHMs)	ppb	NA	80	70.48	29.6 - 85.9	NO	2019	Byproduct of Drinking Water Chlorination.