

2017 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	MCGL Health Goal	MCL EPA's Limits	Highest Level Detected	Range Detected	Violation Yes / No	Year Sampled (2)	Potential Source of contamination
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Microbiological Contaminants

Total Organic Carbon	ppm	NA	TT	1.92 LARA	1.82 - 2.43	NO	2017	Naturally Present in the environment
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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		0.16	0.03-0.16	NO	2017	Soil Runoff
		95 % of Samples must be less than 0.3 NTU		100% met 0.3 NTU Limits				

Inorganic Contaminants

Barium	ppm	2	2	0.012	NA	NO	2017	Discharge of Drilling wastes. Discharge of metal refineries. Erosion of Natural deposits.
Asbestos	MFL	7	7	<0.16	NA	NO	2013	Decay of asbestos cement water mains. Erosion of natural deposits
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	1.00	0.84 - 1.20	NO	2017	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	2.89	0.25-2.89	NO	2017	Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits

Residual Disinfectants

Chlorine	ppm	MRDLG = 4	MRDL = 4	1.48 HQA	1.32-1.72	NO	2017	Water Additive to control microbes.
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Radiological Contaminants

Beta emitters	pCi/L	0	4 mrem/yr (AL=50 pCi/L)	< 4 pCi/L	NA	NO	2013	Decay of natural and man-made deposits
Combined Radium	pCi/L	0	5	0.95 pCi/L	NA	NO	2013	Erosion of natural deposits
Alpha emitters	pCi/L	0	15	< 3 pCi/L	NA	NO	2013	Erosion of natural deposits

Synthetic Organic Contaminants

Atrazine	ppb	3	3	<0.07	0.07-0.07	NO	2017	Runoff from herbicide on Row Crops.
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Unregulated Substances Unregulated contaminant monitoring helps EPA to determine where certain contaminants occur and whether it needs to regulate those contaminants. All results are from the 2014 monitoring year.

Chromium-6	ppb			0.36	0.11 - 0.36	NO	2014	Discharge from steel and pulp mills; Erosion of natural deposits
Molybdenum	ppb			5.7	4.5 - 5.7	NO	2014	
Strontium	ppb			280	220 - 280	NO	2014	
Vanadium	ppb			0.77	0.44 - 0.77	NO	2014	
Chromium (Tot)	ppb	100	100	0.44	0.31- 0.44	NO	2014	

Volatile Organic Contaminants

		HCV						
Contaminant	Unit	MCGL Health Goal	MCL EPA's Limits	Highest Level Detected	Range Detected	Violation Yes / No	Year Sampled (2)	Potential Source of contamination
Haloacetic Acid (HAA5s)	ppb	NA	60	24.50	10.1 - 31.9	NO	2017	Byproduct of Drinking Water Chlorination.
Total Trihalomethanes (TTHMs)	ppb	NA	80	75.70	32.9 - 94.5	NO	2017	Byproduct of Drinking Water Chlorination.