

Contaminant	Unit	MCGL Health Goal	MCL EPA's Limits	Highest Level Detected	Range Detected	Violation Yes/ No	Sample By	Year Sampled	Potential Source of Contamination
Microbiological Contaminants									
Total Organic Carbon	ppm	NA	TT	1.67 LARA	1.60 - 2.28	NO	Fostoria	2014	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	NA	TT=1 NTU	0.20 highest	0.03 - 0.20	NO	Fostoria	2014	Soil runoff
			95% of Samples must be less than 0.3 NTU	100% met 0.3 NTU Limits					
Inorganic Contaminants									
Barium	ppm	2	2	0.014	NA	NO	Fostoria	2014	Discharge of Drilling wastes. Discharge of metal refineries. Erosion of Natural deposits.
Asbestos	MFL	7	7	<0.16	NA	NO	Fostoria	2013	Decay of asbestos cement water mains. Erosion of natural deposits.
Copper	ppb	1350	1350=AL	.000 90th percentile	<5.0-152	NO	Arcadia	2014	Corrosion of household plumbing systems. Erosion of natural deposits. Leaching from wood preservatives.
Fluoride	ppm	4	4	1.03	.55 - 1.33	NO	Fostoria	2014	Erosion of Natural deposits. Water additive to promote strong teeth. Discharge from fertilizer and Aluminum factories.
Lead	ppb	0	15.5=AL	.000 90 th percentile	<5.0-11.1	NO	Arcadia	2014	Corrosion of Household Plumbing Systems. Erosion of natural deposits
Nitrate	ppm	10	10	1.10	<.1-1.10	NO	Fostoria	2014	Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits.
Residual Disinfectants									
Chlorine	ppm	MRDLG=4	MRDL=4	1.63 HQA	1.09-1.97	NO	Arcadia	2014	Water additive to control microbes.
Radiological Contaminates									
Beta emitters	pCi/L	0	4 mrem/yr (AL=50 pCi/L)	<4 pCi/L	NA	NO	Fostoria	2013	Decay of natural and man-made deposits
Combined Radium	pCi/L	0	5	<1 pCi/L	NA	NO	Fostoria	2013	Erosion of natural deposits

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Alpha emitters	pCi/L	0	15	<3 pCi/L	NA	NO	Fostoria	2013	Erosion of natural deposits
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Synthetic Organic Contaminates									
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Atazine	ppb	3	3	0.13	0.09-.13	NO	Fostoria	2014	Runoff from herbicide on Row Crops
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Unregulated Substances Unregulated contaminants 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.									
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Chromium-6	ppb			0.36	0.11-.36	NO	Fostoria	2014	
Molybdenum	ppb			5.7	4.5-5.7	NO	Fostoria	2014	
Strontium	ppb			280	220-280	NO	Fostoria	2014	
Vanadium	ppb			0.77	0.44-.77	NO	Fostoria	2014	
Chromium (Total)	ppb	100	100	0.44	0.31-0.44	NO	Fostoria	2014	

Volatile Organic Contaminants									
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Haloacetic Acid (HAA5s)	ppb	NA	60	30.6 HARA	19.5- 34.2	NO	Arcadia	2014	Byproduct of Drinking Water Chlorination
Total Trihalomethanes (TTHMs)	ppb	NA	80	53.2 HARA	32.7- 72.0	NO	Arcadia	2014	Byproduct of Drinking Water Chlorination

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.

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Parts per Million (ppm) or Milligrams per Liter (mg/L): are units of measure for concentration of a contaminant. A part per million corresponds to one second in a little over 11.5 days .

Parts per Billion (ppb) or Micrograms per Liter (ug/L): are units of measure for concentration of a contaminant. A part per billion corresponds to one second in 31.7 years

Maximum Residual Disinfection Level Goal (MRDLG): The level of 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.

Action Level (AL): The concentration of a contaminant that, if exceeded, triggers treatment or other requirements which a water system must follow.

HARA: Highest Annual Rolling Average

LARA: Lowest Annual Running Average

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

IDSE Initial Distribution System Evaluation

The "<" symbol: A symbol that means less than. A result of <5 means that the lowest level that could be detected was 5 and the contaminant in that sample was not detected.

HQA: Highest Quarterly Average.

pCi/L: picocuries per liter. A measure of radioactivity.

NTU: Nephelometric Turbidity Units. A measure of clarity.

NA: Not applicable

90th percentile: 90% of samples are equal to or less than the number in the chart.

LOD: Limit of Detection