

OH3800812		BLOOMFIELD WATER COMPANY								
Coliform Bacteria	Collection Date	# of Positive Total Coliform Samples	# of Positive Fecal/E. Coli Samples	MCLG	MCL	Fecal/E. Coli MCL	Violation	Likely Source of Contamination		
Total Coliform	1/month	0	0	0	5.0% of monthly samples are positive		N	Naturally present in the environment.		
Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination		
Chlorine	all	1.97	.25 – 2.2	MRDLG = 4	MRDL = 4	ppm	N	Water additive used to control microbes.		
Haloacetic Acids (HAA5)*	9/22/16	6.0	6.0	No goal for the total	60	ppb	N	By-product of drinking water disinfection.		
Total Trihalomethanes (TTHM)	9/22/16	2.4	0.5-2.4	No goal for the total	80	ppb	N	By-product of drinking water disinfection.		
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination		

	Fluoride		0.234	.234 - .234	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
	Nitrate [measured as Nitrogen]	4/28/16	0.51	0.51	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
	Lead and Copper	Collection Date	90th Percentile	# of Samples Over AL	MCLG	Action Level (AL)	Units	Violation	Likely Source of Contamination
	Copper		0.106	0	1.3	1.3	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
	Lead		3	0	0	15	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

Maximum Contaminant Level Goal or 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 or 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.

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

ppm: milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.

ppb: micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.

Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.