

**CITY OF MILLEN WATER SYSTEM
2016 WATER QUALITY DATA
WSID: GA 1650000**

The table below lists all the drinking water contaminants that have been detected in your drinking water. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The data presented in this table is from testing done during the year noted. The Federal Environmental Protection Agency (EPA) and the Georgia Department of Natural Resources Environmental Protection Division (EPD) require monitoring for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year.

DETECTED INORGANIC CONTAMINANTS TABLE								
PARAMETER	UNITS	MCL [SMCL]	MCLG	Millen Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Chlorine	ppm	4	4	0.5	0.1 to 0.9	2016	No	Water additive used for control of microbes
Fluoride	ppm	4 [2]	4	0.6	0.5 to 0.8	2016	No	Water additive and erosion of natural deposits

DETECTED ORGANIC CONTAMINANTS TABLE								
PARAMETER	UNITS	MCL	MCLG	Millen Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Haloacetic Acids	ppb	60	**	ND	NA	2016	No	By product of drinking water disinfection
TTHMs	ppb	80	**	4.0	0 to 1.6	2016	No	By product of drinking water disinfection

OTHER DETECTED UNREGULATED CONTAMINANTS TABLE								
PARAMETER	UNITS	MCL [SMCL]	MCLG	Millen Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Iron	ppb	[300]	**	57	0 to 57	2015	No	Erosion of natural deposits
Manganese	ppm	[0.05]	**	0.063	0 to 0.063	2015	No	Erosion of natural deposits
Sodium	ppm	**	**	5.60	5.6 to 6.4	2015	No	Erosion of natural deposits
Strontium (UCMR3)	ppm	**	**	0.210	0.19 to 0.21	2013	No	Erosion of natural deposits

LEAD AND COPPER MONITORING RESULTS								
PARAMETER	UNITS	Action Level	MCLG	Millen 90th Percentile	# of sample sites above Action Level	Sample Date	Violation No/Yes	Typical Source of Contaminant
Lead	ppb	15	0	0	0	2016	No	Corrosion of household plumbing
Copper	ppm	1.3	1.3	0.19	0	2016	No	Corrosion of household plumbing

MICROBIOLOGICAL MONITORING RESULTS								
BIOLOGICAL PARAMETER (Presence or Absence of bacteria in sample)	MCL (Number of detections)	MCLG (Number of detections)	Millen Water System Results (Number of Detections)	Violation or Positive Sample Date	Sample Year	Violation No/Yes	Typical Source of Contaminant	
				(Month/Year)				
Total Coliform	0	0	0	NA	2016	No	Naturally present in the environment	
E. coli	0	0	0	NA	2016	No	Human and animal fecal waste	

RADIONUCLIDES TABLE								
PARAMETER	UNITS	MCL	MCLG	Millen Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Alpha emitters	pCi/L	15*	0	<3	NA	2015	No	Erosion of natural deposits
Radium 226	pCi/L	5*	0	<1	NA	2015	No	Erosion of natural deposits
Radium 228	pCi/L	5*	0	<1	NA	2015	No	Erosion of natural deposits

* The MCL for alpha emitters is 4 mrem/year. EPA considers 15 pCi/L to be the level of concern for alpha emitters including Radium 226 and/or 5 pCi/L

for a combined Radium 226 and Radium 228.

FTM = Failure to Monitor

NA = Not Applicable

*** Parameters, values and/or sources vary.

** No established MCL, SMCL or MCLG

M = Monitored through State analysis and facility daily

R = Resampled, results below action level or not detected

UCMR3 = Contaminants are constituents of Unregulated Contaminant Monitoring Rule, Part 3