

**CITY OF REMERTON  
2017 WATER QUALITY DATA**

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) requires 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	City of Remerton Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Chlorine	ppm	4	4	0.29	0.07 to 0.84	2017	No	Water additive used for control of microbes
Fluoride	ppm	4	4	0.84	0.56 to 1.24	2017	No	Water additive for dental health
Nitrates	ppm	10	10	0	n/a	2017	No	fertilizer runoff

**DETECTED ORGANIC CONTAMINANTS TABLE**

PARAMETER	UNITS	MCL	MCLG	City of Remerton Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
HAA5	ppb	60	60	56.3	2.5 to 110.7	2017	No	By product of drinking water chlorination
TTHM	ppb	80	80	78.5	10.4 to 120	2017	No	By product of drinking water chlorination

**MICROBIOLOGICAL MONITORING RESULTS**

BIOLOGICAL PARAMETER (Presence or Absence of bacteria in sample)	MCL (Number of detections)	MCLG (Number of detections)	City of Remerton Water System Results (Number of Detections)	Sample Date (Month/Year)	Violation No/Yes	Typical Source of Contaminant
Total Coliform	0	0	0	1/month	No	Naturally present in the environment
Fecal Coliform	0	0	0	1/month	No	Warm blooded animals

**OTHER DETECTED UNREGULATED CONTAMINANTS TABLE**

**LEAD AND COPPER MONITORING RESULTS**

PARAMETER	UNITS	Action Level	MCLG	City of Remerton 90th Percentile	# of sample sites above Action Level	Sample Date	Violation No/Yes	Typical Source of Contaminant
Lead	ppb	15	0	0	0	2017	No	Corrosion of household plumbing
Copper	ppb	1300	1300	290	0	2017	No	Corrosion of household plumbing

**RADIONUCLIDES TABLE**

PARAMETER	UNITS	MCL	MCLG	City of Remerton Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Alpha emitters	pCi/L	15*	0	<1	n/a	2007	No	Erosion of natural deposits
Radium 226	pCi/L	5*	0	<1	n/a	2007	No	Erosion of natural deposits
Radium 228	pCi/L	5*	0	<1	n/a	2007	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

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

\*\* No established MCL

M = Monitored through State analysis and facility daily

R = Resampled, results below action level or not detected