

**CITY OF REMERTON
2016 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 | 2016 | No | Water additive used for control of microbes |
| Fluoride | ppm | 4 | 4 | 0.84 | 0.56 to 1.24 | 2016 | No | Water additive for dental health |
| Nitrates | ppm | 10 | 10 | 0 | n/a | 2016 | 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 | 42.1 | 1.6 to 96.2 | 2016 | No | By product of drinking water chlorination |
| TTHM | ppb | 80 | 80 | 61.8 | 30.8 to 83.5 | 2016 | No | By product of drinking water chlorination |

| MICROBIOLOGICAL MONITORING RESULTS | | | | | | | | |
|--|--|---------------------------|---------------------------|--|--------------|-----------|--|--------------------------------------|
| BIOLOGICAL PARAMETER | | MCL | MCLG | City of Remerton Water System Results | Sample Date | Violation | | Typical Source of Contaminant |
| (Presence or Absence of bacteria in sample) | | (Number of detections) | (Number of detections) | (Number of Detections) | (Month/Year) | No/Yes | | |
| 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 | 2016 | No | Corrosion of household plumbing |
| Copper | ppm | 1.3 | 1.3 | 0.45 | 0 | 2016 | 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

2016 Consumer Confidence Report Form for Georgia Community Water Systems

GA Community Water System Name: City of Remerton

GA Water System ID #GA1850064

Name & phone number of water system contact: John Hatcher

(#) 229-291-4861

This report details information on our water system for the calendar year 2016 unless otherwise noted.

Summary Water System Information

Your water comes from two (2) community *groundwater* wells as well as bulk purchases from the City of Valdosta. These wells are located in the **City of Remerton**. The water source is commonly called the *Floridan Aquifer* and provides ample volumes of water for your community. This property is protected from activities which could potentially cause contamination of this water source. Treatment is performed at the well to include removal of contaminants and chlorine disinfection.

Raw Water Source Information

Common Name of Water Source: Floridan Aquifer Type of Water Source: Groundwater

Public Participation Opportunities: (community meetings, board meetings, hearings, etc.)

The Remerton City Council meets on the second Monday of each month at 5:30 pm at City Hall. Public comments or questions are welcome during the meetings. For questions during business hours, the City Clerk may be reached at 229-247-2320.

Availability of Source Water Assessments and Contaminant Susceptibility:

This information is available upon request at City Hall during business hours.

General Water Quality Health Effects Language

*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)**.*

*If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The **City of Remerton Water System** is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.*

*Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the **EPA Safe Drinking Water Hotline (1-800-426-4791)**.*

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include the following:

- # Microbial contaminants, such as viruses and bacteria which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- # Inorganic contaminants such as salts and metals, which can be naturally occurring or result from urban storm runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- # Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- # Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- # Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Definition of Terms and Abbreviations Used in Report

Maximum Contaminant Level (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.*

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.*

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

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

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 microbiological contaminants.*

Maximum Residual Disinfectant Level Goal (MRDLG): *The level of a 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.*

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