

# GA EPD Consumer Confidence Report Certification Form

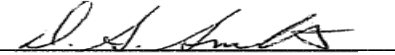
Community Water System Name: CAPE HARDWICKE/FORT MCCALISTER/KINSALE

**GA Water System I.D. Number: GA0290008**

**The CWS identified above does hereby confirm that an annual CCR for 2013 has been distributed to its customers (or appropriate notices of availability have been provided). The system further certifies that the information contained in the report is accurate and consistent with the compliance monitoring data previously submitted for the same time period to the GA EPD.**

**Certified and attested by the following person:**

Donald S. Smith, Manager  
South Atlantic Utilities Inc  
912-352-9339 Phone  
Date: 01-22-2014



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Please mark and/or fill out all items that apply to your CCR program or specific means of report distribution.

**For ALL community water systems, indicate the method(s) used for CCR notification and/or distribution:**

**Note:** For systems serving **more than 10,000** persons, a “good faith effort” must be made to your “other” water system consumers by three of the following methods (mark all methods utilized):

- CCR is posted on the Internet at a publicly available site: [www.waterutilitymanagement.com](http://www.waterutilitymanagement.com)
- Rural route mailing to all consumers within the service area (attach list of zip codes used)
- Advertised availability of CCR to local news media (attach announcement list)
- Published CCR in local newspaper (attach physical copy of paper publication)
- Posted CCR notice of availability in prominent public location(s) (attach list)
- Directly delivered individual CCR copies to all residents in the community.
- Directly mailed individual CCR copies to each customer receiving a water bill.
- Included notice of availability with water bill
- Other direct delivery methods were utilized such as: \_\_\_\_\_

**For all systems serving > 100,000 persons of other Internet accessible systems:**

CCR is posted on the internet at a publicly available site: [www.](http://www.)\_\_\_\_\_

**All Community Water Systems indicate the number of “consumers served” by your CWS:**

- <500 consumers served
- 501 – 9,999 consumers served
- 10,000 – 99,999 consumers served
- >100,000 consumers served

**Send completed CCR Certification Form to the following address:**

GA EPD Drinking Water Program  
ATTN: CCR Program  
Suite 1362, Floyd Towers East  
2 Martin Luther King, Jr. Drive, SE  
Atlanta, GA 30334

# 2013 Water Quality Report

Cape Hardwicke, Fort McAllister, Kinsale (WSID 0290008)

Richmond Hill, Georgia

## Important Information About the Safety of Your Drinking Water

**South Atlantic Utilities** is pleased to announce that the drinking water supplied is safe. We are committed to providing you with clean, safe, and reliable drinking water. Included in this report is information about what your water contains and how it compares to standards set by regulatory agencies.

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 **Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791**.

The sources of drinking water (both tap 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 storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

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 **EPA's Safe Drinking Water Hotline at 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. **South Atlantic Utilities** 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>.

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 certain contaminants in bottled water which must provide the same protection for public health.

## The Source of Your Drinking Water

Your water comes from the **Upper Floridian Aquifer** and provides ample volumes of water to your community.

For information on how to obtain a copy of the Environmental Protection Agency's **Source Water Assessment Plan** please call South Atlantic Utilities at 912-352-9339.

Drinking Water Analysis  
Cape Hardwicke, Fort McAllister, Kinsale (WSID 0290008)

Detected Inorganic Contaminants

| Parameter (units) | MCL | MCLG | Cape Hardwicke Water System Results | Range of Detections | Sample Date | Violation? No/Yes | Typical Source of Contaminant |
|-------------------|-----|------|-------------------------------------|---------------------|-------------|-------------------|-------------------------------|
| Fluoride (ppm)    | 4.0 | 4.0  | 0.51                                | No range            | 2008        | No                | Erosion of natural deposits   |

Detected Organic Contaminants

| Parameter (units)           | MCL | MCLG | Cape Hardwicke Water System Results | Range of Detections | Sample Date | Violation? No/Yes | Typical Source of Contamination           |
|-----------------------------|-----|------|-------------------------------------|---------------------|-------------|-------------------|---|
| Chlorine (ppm)              | 4.0 | 4.0  | 0.96                                | 0.24-1.67           | 2013        | No                | Water additive to control microbes        |
| Total Trihalomethanes (ppm) | 80  | n/a  | 0                                   | No range            | 2011        | No                | By-product of drinking water chlorination |

Lead and Copper Monitoring Results

| Parameter (units) | AL  | MCLG | Cape Hardwicke Water System Results 90 <sup>th</sup> Percentile | # of sites above AL | Violation? Yes/No | Sample Date | Typical Source of Contamination |
|-------------------|-----|------|---|---------------------|-------------------|-------------|---------------------------------|
| Lead (ppb)        | 15  | 0    | 2.5   | 0                   | No                | 2013        | Corrosion of household plumbing |
| Copper (ppm)      | 1.3 | 1.3  | 0.11  | 0                   | No                | 2013        | Corrosion of household plumbing |

Microbiological Monitoring Results

| Biological Parameter (presence/absence of bacteria) | MCL (number of detections) | MCLG (number of detections) | Cape Hardwicke Water System Results (number of detections) | Sample Date (Month/Year) | Violation? No/Yes | Typical Source of Contaminant        |
|---|----------------------------|-----------------------------|--|--------------------------|-------------------|--------------------------------------|
| Total Coliform Bacteria                             | 1 positive                 | 0 positive                  | 2 positives  | 10/2013                  | Yes               | Naturally present in the environment |

Public Notices completed, boil water notice lifted 10/29/13.

How to Read the Report

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

**MCL = Maximum Contaminant Level:** 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.

**MCLG = Maximum Contaminant Level Goal:** 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.

**MDL = Method Detection Limit:** The minimum amount of a substance (contaminant) that needs to be present in order to be detected.

**ppm = parts per million:** Means 1 part per 1,000,000 (same as milligram per liter) and corresponds to 1 penny in 10 thousand dollars.

**ppb = parts per billion:** Means 1 part per 1,000,000,000 (same as microgram per liter) and corresponds to 1 penny in 10 million dollars.

If you have any questions or comments regarding the water quality please feel free to give us a call at 912-352-9339.

Or you may write to us at:

South Atlantic Utilities  
Post Office Box 13705  
Savannah, Georgia 31416

Our office is located at:

621 Stephenson Avenue  
Savannah, Georgia 31405

Donald S. Smith/Manager