

Town of Sullivan's Island

Water & Sewer Department

Manager Greg Gress

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May 15, 2019

Dear Customer:

The Safe Drinking Water Act of 1996 requires that each community water system provide an annual Drinking Water Quality Report to all of its customers. The information contained herein is for the Town of Sullivan's Island (System #1010003) for the reporting period of January 1, 2018, through December 31, 2018.

The Town of Sullivan's Island purchases its water from the Charleston Water System (CWS) which is a surface water facility, treating water from the Edisto River and Bushy Park Reservoir.

Below is a link of Charleston Water System's (CWS) 2018 Drinking Water Quality Report for your review [Charleston Water System](#). The Water Quality Report from CWS is representative of the water delivered to Sullivan's Island residents.

On December 2, 2003, The Town received SCDHEC approval to begin a pilot study for adding Polyphosphate to the water supply. This was done to help minimize discolored (Red) water. We continue today to add Polyphosphate to the water supply. In addition we have replaced/rehabbed approximately 57,500 linear feet of water main and 23,500 feet of service lines. Sullivan's Island does not have any lead service lines in our system. We still have approximately 22,500 feet of water mains that need to be replaced. Each year our staff replaces approximately 1,000 feet. We continue to implement this program today.

Attached, as Table One 2018, is the data specifically for the Town of Sullivan's Island distribution system and our monitoring program. In addition, our Consumer Confidence Report may be viewed on our web site <http://www.sullivansisland-sc.com>

The Town of Sullivan's Island had no monitoring violations during this reporting period. Additional information is available from the Safe Drinking Water Act Hotline (800) 426-4791 or visit [EPA Ground Water and Drinking Water](#) .

Our Water and Sewer Committee meets on the fourth Thursday of every month at 8:45am at Town Hall. Please feel free to participate in these meetings. If you require any additional information, please contact me at the Town of Sullivan's Island, PO Box 427, Sullivan's Island, SC. 29482.

Greg Gress
Water/Sewer Manager

Town of Sullivan's Island - Table One 2018

Constituent	Units	Sullivan's Island Highest Level Detected	Range or Other Comments	(MCL)	Date Sampled	MCLG	Possible Sources In Water
Biological Compounds and Physical Characteristics							
Total Coliform Bacteria	% Positive Samples	0	0	Presence of Coliform Bacteria In <5% Of Monthly Samples	2018	0%	Naturally Present In The Environment
Inorganic Compounds							
Copper	ppm	90th Percentile=.036	No Sample Exceeded The Action Level	AL=1.3	2018	1.3	Erosion of natural deposits; Leaching from wood preservatives; Corrosion Of Household Plumbing Materials
Lead	ppb	90th Percentile=.000	No Sample Exceeded The Action Level	AL=15	2018	0	Corrosion Of Household Plumbing Materials
Disinfectants & Disinfection By-Products							
Chloramine (as Cl ₂)	mg/L	3.5	.07 to 3.5	MRDL = 4	2018	MRDLG=4	Water additive used to control microbes
Total Trihalomethanes (THM's)	ppb	LRAA: 8	4.1 to 12.9	Locational Running Annual Average (LRAA) must be less than 80 ppb	2018	NA	Byproduct of drinking water disinfection
Total Haloacetic Acids (HAA's)	ppb	LRAA: 11	8.5 to 15.0	Locational Running Annual Average (LRAA) must be less than 60 ppb	2018	NA	Byproduct of drinking water disinfection

Abbreviations Of Units

ppm = Parts Per Million

ppb = Parts Per Billion

Table Of Definitions

MCL = Maximum Contaminant Level: The highest level of a contaminant allowed in drinking water.

MCL's are set as close to the MCLG's as feasible using 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. MCLG's allow for a margin of safety.

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

LRAA = Locational Running Annual Average

MRDL = Maximum

Residual Disinfectant Level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG = Maximum Residual Disinfectant Level Goal: 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 contamination

Lead: 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. Sullivan's Island does NOT have any lead service lines. Sullivan's Island 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 drinking 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>.

BUSHY PARK RESERVOIR WATERSHED



Source Water Protection

To raise awareness about preventing water pollution, SC DHEC identifies potential sources of contamination for each drinking water source in the state. www.scdhec.gov/HomeAndEnvironment/Water/SourceWaterProtection/

You Can Help!

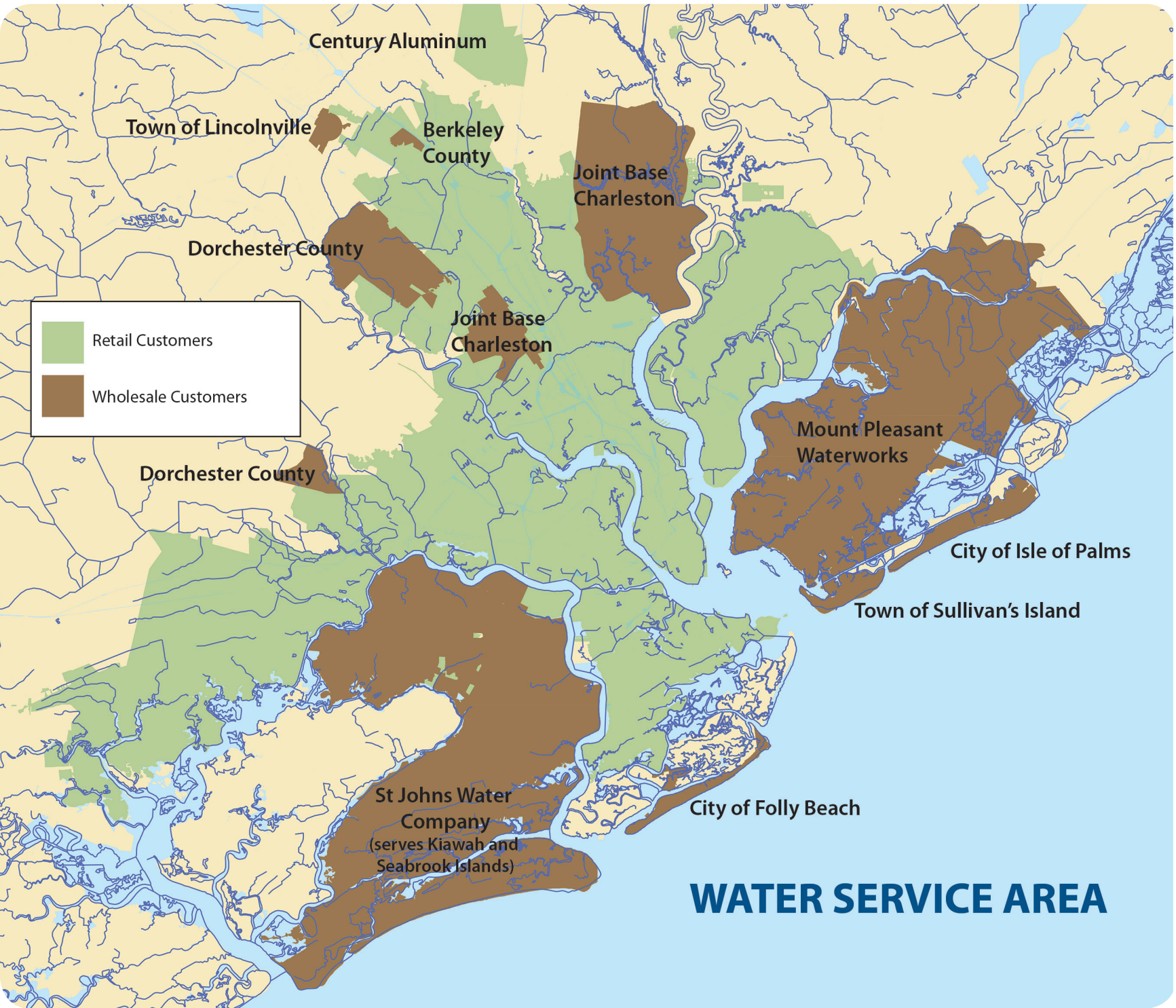
Stormwater runoff pollutes waterways.

Pick up the poop! Pet waste adds bacteria and excess nutrients, which contribute to algae growth that chokes out plants and wildlife.

Don't over-fertilize your lawn. It washes into storm drains, streams, rivers and oceans.

No dumping in storm drains. They empty directly into a waterway.

Proper disposal of oils, paints, and other chemicals.



QUICK FACTS

- 1** Largest water treatment plant by permitted capacity in S.C.
- 2** Second largest watershed on the east coast (Santee-Cooper)
- 9** Wholesale customers
- 20,000** Total annual water quality tests
- \$60,000** Spent annually on voluntary unregulated compound testing
- 120,000** Retail customer accounts
- 450,000** People served in the tri-county area
- 58 MGD** Average daily volume of treated water
- 105.5 MGD** Largest recorded volume treated in one day
- 115.4 MGD** DHEC permitted capacity

MGD = Million Gallons Per Day

