



June 15, 2017

Dear KIU Customer,

Kiawah Island Utility, Inc. (System 1010008) is providing this Annual Drinking Water Report for the period of 1/1/16 – 12/31/16 as required by The Safe Drinking Water Act. This report is intended to provide you with important information about your drinking water and the effort made by the water system to provide safe drinking water. Attached you will find a summary of our analytical results showing no violations of contaminant levels.

All of the potable water used on Kiawah Island comes from Charleston Water System (CWS) by way of our supplier, St. Johns Water Company. The source of our water is surface water from the Edisto River and Bushy Park Reservoir that has been treated prior to pumping it nearly 45 miles for use on Kiawah Island. Neither St. Johns nor Kiawah treat the water in any way that significantly alters its composition, therefore we have included a copy of the 2016 CWS report for your review: [www.charlestonwater.com/2016report](http://www.charlestonwater.com/2016report). We hope this will be not only informative but useful as well.

Although we continue to see regulation changes requiring more and more resources, we maintain our commitment to provide high quality water that meets standards established by The Safe Drinking Water Act. The SC Department of Health and Environmental Control lists potential sources of contaminants for all water supplies. It is easy to get more information about ways in which our state offers protection, just go to The Source Water Assessment and Protection Program (SWAP) for South Carolina at [www.scdhec.net/water/html/srcwtr.html](http://www.scdhec.net/water/html/srcwtr.html).

We are hopeful that you will take the time to review this report and will remain confident that your utility staff is working to ensure that you receive the highest quality and adequate quantity of water to meet your needs. If you need additional information please do not hesitate to contact me at (843) 768-0641 or by email at [bdennis@swwc.com](mailto:bdennis@swwc.com). If you require consumer service information, please contact the S.C. Office of Regulatory Staff by phone (803) 737-5230 or online at [www.regulatorystaff.sc.gov](http://www.regulatorystaff.sc.gov).

Sincerely,

A handwritten signature in blue ink that reads "Becky J. Dennis".

Becky J. Dennis  
Director of Operations

# 2016 WATER QUALITY REPORT

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## LAST YEAR'S HIGHLIGHTS

On March 9, 2016 the stock in Kiawah Island Utility, Inc. (KIU) was purchased by SouthWest Water Company. What does this mean to the customer?

**All personnel was retained**, therefore you are still working with the same staff who has been providing quality customer service for many years.

**KIU continues to have 24 hour manned coverage** which provides for the prompt responses to after hour emergencies.

**You may continue to mail or drop your check directly to the local address.** Please use the payment stub and remittance envelope provided with your monthly statement.

**Enhancements that are now available related to automatic payment options include:**

- **Reoccurring electronic check payments** automatically processed each month
- **Reoccurring credit card payments** automatically processed each month
- **One-time payments using a checking account** online through payment portal
- **One-time payment using Visa or Mastercard debit or credit cards** online through payment portal or over the phone

Access to these options and many more are found on the customer portal at <https://www.swwc.com/myaccount>

If you simply want to check the status of your account you may obtain account and balance information by phone at **(877) 405-1742**.



## DON'T FORGET!

Account numbers have changed, please update your records to reflect your new account number to ensure proper, timely processing of your payment.

# 2016 WATER QUALITY REPORT



## EXCESSIVE WATER USAGE

Occasionally an owner may experience excessive water usage well beyond their normal range. KIU is happy to help the owner determine the origin of their extreme usage but sometime we simply cannot make a definite determination. Meters are read monthly and the bills reflect usage for the entire prior 28-35 days. If the meter is running at the time of the reading our staff may be fortunate enough to determine the cause of the excessive usage. However, if the meter is not running while we are there, it is very difficult to re-create the origin of the usage during the prior period.

Owners routinely discover that they experienced a problem with a plumbing fixture, pool float, or irrigation system but many times the mystery goes unsolved. Often, if during the meter reading KIU staff finds clear evidence of water running on the outside of the residence, we make note of the finding but if it is within the home or otherwise hidden our staff has no way of even knowing a problem exists. Therefore, we encourage owners to conduct routine inspections of their fixtures and to gain an understanding of their pool and irrigation operations. This may help you avoid that unexpected, unexplained high usage and bill.

HAVE YOU  
EVER REALLY  
*Thought*  
OF THE  
*Value*  
OF WATER ?



We expect it to be there when we turn on the faucet but what does it take to deliver clean safe water to your home? All of the water on Kiawah comes from the Charleston Water System which is 45 miles away. It is drawn from the Edisto River and Bushy Park Reservoir, treated to high quality standards and pumped through the St. Johns Water System to Kiawah Island. The water is stored

and then pumped directly to your homes for approximately \$0.05/gallon. Considering the investment in lines, treatment and pumping equipment, the staffing to ensure the water exceeds all standards including delivery at adequate pressures and quantities, this is a value that often goes unrecognized.

# 2016 WATER QUALITY REPORT



## NEW WATER SUPPLY LINE

We are pleased to announce that the redundant water supply line to the Island has been completed.

This line totaled more than 3 miles of pipe from the connection with St. Johns Water Company to the Kiawah pump station on Governors Drive. Approximately 6,900 feet of fusible PVC pipe was installed under the Kiawah River to the landing site on Kiawah Island. This line is fully operational and has already proven its usefulness by providing water service to the entire Island during recent repairs to the original supply line which was installed in 1978.

## FIRE HYDRANT CLEARANCE REQUIREMENTS

### CAN WE SEE IT AND GET TO IT?

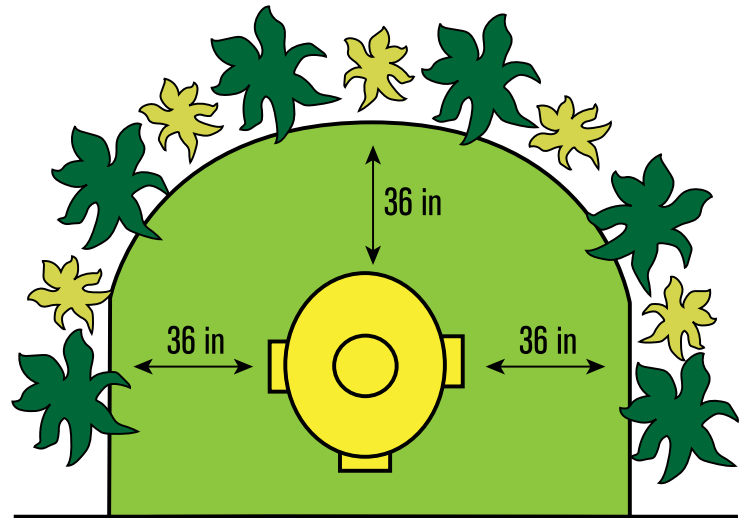
Our goal at St. Johns Fire District is to provide your community with a high level of service. Our ability to provide this service is greatly diminished if we do not have accessibility to the fire hydrants in your community.

The International Fire Code (IFC) 2015 Edition as adopted by the State of South Carolina states:

**507.5.4 Obstruction.** Unobstructed access to fire hydrants must be maintained at all times. The fire department shall not be deterred or hindered from gaining immediate access to fire protection equipment of fire hydrants.

**507.5.5 Clear space around hydrants.**

A 3-foot (36 inch) clear space shall be maintained around the circumference of the fire hydrants, except as otherwise approved.



**THIS IS THE REQUIRED CLEARANCE  
FOR ALL FIRE HYDRANTS**



**PLEASE CALL (843) 559-9194  
TO REPORT ANY OBSTRUCTIONS.**

# KIAWAH ISLAND UTILITY, INC.

## 2016 WATER QUALITY TABLE

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. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health. Some people may be more vulnerable to contaminants in drinking water than the general population.

Parameter	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites over AL	Units	Violation	Possible Sources of Contamination
Copper	2015	1.3	1.3	0.11	0	ppm	NO	Erosion of natural deposits; leaching from wood preservatives, corrosion of household plumbing systems
Lead	2015	0	15	0	0	ppb	NO	Corrosion of household plumbing systems; erosion of natural deposits
Parameter	Date Sampled	MCLG	Highest Level Detected	Range	MCL	Unit in Water	Violation	Possible Source
Total Coliform Bacteria	2016	0%	0%	0%	Presence of coliform bacteria <5% of monthly samples	% positive samples	NO	Naturally present in the environment
Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	2016	1	1.000 - 1.000	MRDLG = 4	MRDL = 4	ppm	NO	Water additive used to control microbes
Haloacetic Acids HAA5	2016	22	2.80 - 32.80	No goal for the total	60	ppb	NO	By-product of drinking water disinfection
Total Trihalomethanes TTHM	2016	20	6.39 - 23.04	No goal for the total	80	ppb	NO	By-product of drinking water disinfection

Not all sample results may have been used for calculating the Highest Level Detected because some results may be part of an evaluation to determine where compliance monitoring should occur in the future.

## TABLE OF DEFINITIONS

**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.

**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.

**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 contaminants.

**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.

**Avg:** Regulatory compliance with some MCLs are based on running annual average of monthly samples.

**ppm:** Parts per million or milligrams per liter (one ounce in 7,350 gallons of water)

**ppb:** Parts per billion or micrograms per liter (one ounce in 7,350,000 gallons of water)

**gr/gal:** Grains per gallon

**N:** None

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