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Kiawah Island, SC 29455

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Information**


KIU provides information on demand. Please feel free to contact us to get additional details about your water supply.

email: becky_dennis@kiawahisland.com

phone: 843-768-0641

mail: Becky Dennis
31 Sora Rail Road.
Kiawah Island, SC 29455



2   6
drinking water quality report

Dear KIU Customer:

KIAWAH ISLAND UTILITY, INC. ♦ WATER QUALITY TABLE

Parameter	Units	KIU Water Highest Level Detected	Range or Other Comment	MCL	Date Sampled	MCLG	Possible Sources in Water
Total Coliform Bacteria	% positive samples	0%	0%	Presence of coliform bacteria <5% of monthly samples	2006	0%	Naturally present in the environment
Copper	ppm	0.013 (90%)	No samples exceeded the action level	AL = 1.3	2006	1.3	Corrosion of household plumbing materials
Lead	ppb	0 (90%)	No samples exceeded the action level	AL = 15	2006	0	Corrosion of household plumbing materials

TABLE OF DEFINITIONS

(MCL) Maximum Contaminant Level

The highest level of 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 health risk. MCLGs allow for a margin of safety.

(AL) Action Level

The concentration of a contaminant that, if exceeded, triggers treatment or other requirements which a water system must follow.

(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.

(TT) Treatment Technique

A required process intended to reduce the level of a contaminant in drinking water.

(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.

CHARLESTON CPW ♦ GENERAL INTEREST

Parameter	CPW Water Average	Highest Level Allowed by EPA Regulation (MCL)
Alkalinity, ppm	24	No Standard
Chloride, ppm	18	250
Color, PCU	3	15
Conductivity, umhos/cm	192	No Standard
Hardness, ppm	54	No Standard
Iron, ppm	0.10	1.3
Manganese, ppm	<0.05	0.05
Ortho-phosphate, ppm	1.2	No Standard
Silica, ppm	5.8	No Standard
Temperature, C	22	No Standard
Total Dissolved Solids (TDS), ppm	111	500

CHARLESTON CPW ♦ WATER QUALITY TABLE

Parameter	Units	CPW Water Highest Level Detected	Range or Other Comments	MCL	Date Sampled	MCLG	Possible Sources in Water
Total Coliform Bacteria	% positive samples	3.2 % highest level detected in any monthly sample	0% to 3.2 %	presence of coliform bacteria in >5% of monthly samples	2006	0%	naturally present in the environment (all repeat samples were satisfactory)
Turbidity	NTU	0.29	100% lowest monthly % of samples meeting limits	TT	2006	NA	soil runoff
Copper	ppm	<0.05	no samples exceeded the action level	AL=1.3	2006	1.3	corrosion of household plumbing materials
Lead	ppb	3	no samples exceeded the action level	AL=15	2006	0	corrosion of household plumbing materials
Nitrate/Nitrogen	ppm	0.039	NA	10	2006	10	runoff from fertilizers
Fluoride	ppm	1.10	NA	4	2006	4	additive to reduce tooth decay
Total Trihalomethanes	ppb	RAA: 24	9 to 58	80	2006	NA	byproduct of water disinfection process
Total Haloacetic acids	ppb	RAA: 18	7 to 40	60	2006	NA	byproduct of water disinfection process
Total Organic Carbon (TOC)	ppm	RAA: ratio 1.38	1.7 to 3.0*	TT	2006	NA	naturally present in the environment
Chlorine Dioxide	ppb	<100	0 to <100	800	2006	800	byproduct of water disinfection process
Chloramine Residual	ppm	RAA: 2.4	2.1 to 2.6	MRDL= 4	2006	MRDLG = 4	water additive used to control microbes
Chlorite	ppm	0.76	0.56 to 0.76	1.0	2006	0.8	byproduct of water disinfection process
Sodium	ppm	11	none	none	2003	none	naturally occurring and/or byproduct of treatment
Giardia in River Water	per liter	0.0	NA	none	2006	none	human and animal sources
Cryptosporidium in River Water	per liter	0.0	NA	none	2006	none	human and animal sources

REGULATED-----

UNREGULATED

ABBREVIATIONS OF UNITS

NTU = Nephelometric Turbidity Units
 PCU = Platinum Cobalt Units
 ppm = parts per million (mg/l)
 ppb = parts per billion (ug/l)
 umhos/cm = micromhos/centimeter
 C = Centigrade
 RAA = Running Annual Average

* TOC Values (1.9 to 3.0 ppm) 64% TOC removal (45% is required). The range of removal was 51% to 68%. TOC samples are taken on a daily basis.



You'll be glad to know that the quality of our drinking water in 2006 continued to meet expectations throughout the year.

During water quality testing done from January 1 to December 31, 2006, we had no violations. Findings show we did not exceed maximum contaminant levels during any testing period of the year.

Given the importance of cool, clear, safe water to the human body, we know you want to stay informed about the quality of the drinking water that comes out of your tap. Kiawah Island Utility, Inc. (KIU) is committed to providing you with the latest results of the monitoring activities on your water supply throughout the year.

As you read through this report, you'll see a table of drinking water quality data for 2006 that comes from Charleston. Charleston Water System (CWS) is the facility that treats water from the Edisto River and Bushy Park Reservoir. The CWS quality report applies to Kiawah's water supply because St. John's Water Company (SJWC) buys its water from CWS, and KIU buys our water from St. John's. CWS's testing numbers are valid for us because neither SJWC nor KIU treats the water in any way that significantly alters its composition.

Water makes up 75 percent of your brain, 83 percent of your blood, and 25 percent of your bones. If you were an average adult, the amount of water in your body at any given time would fill up more than 18 two-liter soda bottles. No wonder water is such an essential part of our metabolic processes and our mental and physical abilities.

The average human being consumes 75,000 liters of water in a lifetime. At KIU, we are committed to making sure every drop you drink conforms to standards for quality. As always thank you for your business, and please let us know how we can better serve you now and in the years to come.

Sincerely,


A handwritten signature in black ink that reads "Becky Dennis".

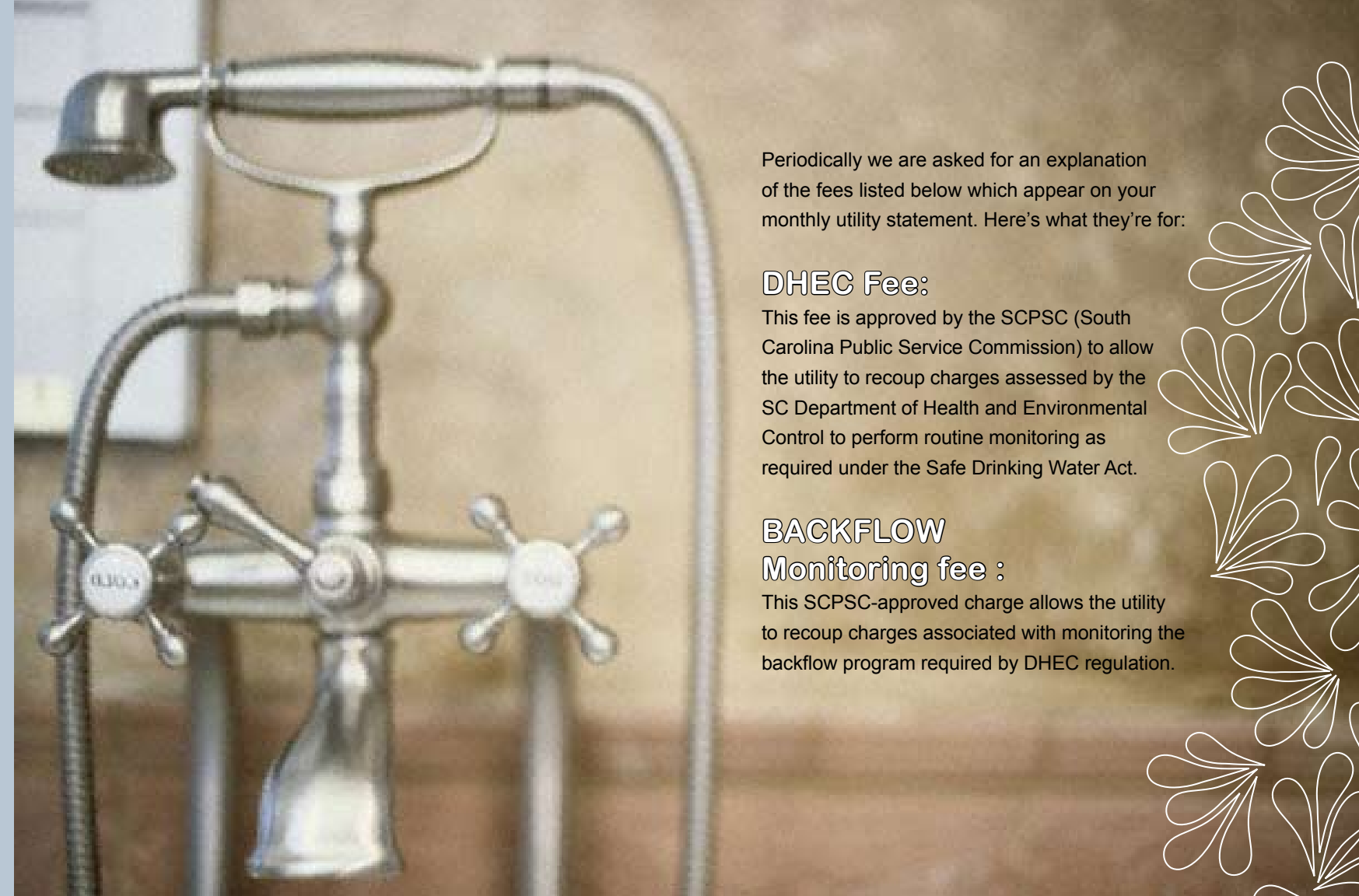
Becky Dennis
Manager

Understanding Fees

Kiawah Island Utility, Inc. provides water service to individual customers through various size meters. Large meters deliver increasing amounts of water, and fees go up incrementally based on the volume of water the meter is able to provide. The standard 5/8" x 3/4" meter delivery (20 gpm) is used as a Residential Equivalency Unit (REU). Here's an example of the meter sizes and costs associated with each.

METER SIZE:	GALLONS PER MIN	REU	W/S TAP FEES (EA)	MONTHLY BASE WATER FEE	MONTHLY BASE SEWER FEE
5/8" x 3/4"	20 gpm	-	\$ 500	\$ 25.38	\$ 22.66
3/4"	30 gpm	1.5	750	38.07	34.00
1"	50 gpm	2.5	1,250	63.45	56.66
1 1/2"	100 gpm	5.0	2,500	126.90	113.31
2"	160 gpm	8.0	4,000	203.90	181.30

METER SIZE:			SINGLE FAMILY UNITS	VILLAS/ CONDOS
5/8" x 3/4"		The information to the right summarizes numbers of existing residential dwelling units by meter size.	1,518	1,313
3/4"			175	1
1"			165	0
1 1/2"			0	0
2"			4	0



Periodically we are asked for an explanation of the fees listed below which appear on your monthly utility statement. Here's what they're for:

DHEC Fee:

This fee is approved by the SCPSC (South Carolina Public Service Commission) to allow the utility to recoup charges assessed by the SC Department of Health and Environmental Control to perform routine monitoring as required under the Safe Drinking Water Act.

BACKFLOW Monitoring fee :

This SCPSC-approved charge allows the utility to recoup charges associated with monitoring the backflow program required by DHEC regulation.



Drinking Water Contaminants

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. 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. EPA sets standards for approximately 90 contaminants in drinking water. Contaminants that may be present in source water include microbial contaminants, inorganic contaminants, pesticides and herbicides, organic chemical contaminants, and radioactive contaminants.

CONTAMINANT:	EXAMPLE:
MICROBIAL	such as viruses and bacteria, which may come from septic systems, agricultural livestock operations, and wildlife.
INORGANIC	such as salts and metals, which can be naturally occurring or result from storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
PESTICIDES & HERBICIDES	may come from a variety of sources such as agriculture, runoff, and residential uses.
ORGANIC	including synthetic and volatile organics, which are by-products of industrial processes and petroleum production, and can also come from gas stations, runoff, and septic systems.
RADIOACTIVE	which can be naturally occurring or be the result of oil and gas production and mining activities.



More Information:

EPA's standards, along with each contaminant's likely source and health effects, are available at www.epa.gov/safewater/mcl.html. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA's) Safe Drinking Water Hotline at 800-426-4791.

Kiawah Island Utility, Inc. fully supports South Carolina's efforts to prevent contamination in watershed areas that supply drinking water. The SCDHEC report identifies two potential contaminant sources of moderate susceptibility for the KIU deep well ground water system. This deep well is an approved emergency supply for potable use under DHEC guidelines. It's 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/srccewtr.tml.



A Few Drops of Info



NORMAL OPERATIONS:

To speak directly to a staff member, please call our office at 843-768-0641 during business hours; (8 am – 5 pm Monday through Thursday, until 4:30 pm Friday). The staff at KIU is trained to assist you in each area of water and wastewater operations and billing, so you can expect personal attention and a high level of expertise no matter who takes your call. As always, we're eager to get feedback on our operations and how we can improve our service.

EMERGENCY CONTACT:

Help from Kiawah Island Utility is always a phone call away, 24 hours a day, 7 days a week. You can reach our field operations staff after hours by calling our duty pager at 843-569-9806, or by leaving a message on the office phone 843-768-0641.

IMMUNO-COMPROMISED PERSONS:

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons – such as individuals with cancer undergoing chemotherapy, persons who have undergone transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants – can be particularly at risk for infection. These people should seek advice about drinking water from their healthcare 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 at 800-426-4791.

CHECK BY PHONE PAYMENTS:

We have heard your requests and are pleased to begin offering the following methods of payment. Now you can use our “check by phone” system to pay your KIU bill. To use this option, please contact Vicky Dyke, our Senior Accountant. Vicky can be reached either by phone 843-768-0641 or email vicky_dyke@kiawahisland.com.

WEBSITE IN THE WINGS:

Soon you'll have another way to get the latest information about water and sewer operations on Kiawah Island. Watch your utility statement for information and updates on this new way to access our organization via links to staff members and other entities serving Kiawah Island.

