



Inspire trust and enhance public health

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Customers in the Beaufort, Port Royal, Lady’s Island, St.Helena, Grays Hill, Sun City, Okatie, Cherry Point, Bluffton, Hilton Head, and Hardeeville are receiving water from BJWSA’s surface water treatment plants.

The source of water for the plants is the Savannah River. The water treatment plants are located at 14 Snake Road in Okatie and 10314 Purrysburg Road in Hardeeville. The Plants treat the raw water to consistently and reliably produce a safe, high quality finished product that meets or exceeds all federal and state drinking water regulations. Listed below are a few of the results on the finished (treated) water that we deliver to your meter. The authority contracts with an independent laboratory to perform analysis on the Savannah River. The detailed results are available upon request. If you have any questions concerning your water or these results, please contact Sheila Felton at 843-987-7961.

	<u>BJWSA</u>	<u>EPA LIMIT</u>
pH (su)	7.21	6.5-8.5
Alkalinity (mg/L @ CaCo3)	22.0	N/A
Calcium Hardness (mg/L @ CaCo3)	39.2	N/A
*(approximately 2 grains per gallon)		
Turbidity (NTU)	0.07	0.3
Color (Pt-Co units)	3	15.0
Conductivity (umhos/cm)	196	N/A
Total Dissolved Solids (mg/L)	240	N/A
Total Chlorine	2.60	N/A
Ortho Phosphate (mg/L @ PO4)	0.187	N/A
Sulfate (mg/L)	36	250
Aluminum (mg/L)	0.02	0.05
Fluoride (mg/L)	0.76	4.0
Mercury (mg/L)	BDL	0.002
Chromium (mg/L)	BDL	0.1
Cadmium (mg/L)	BDL	0.005
Calcium	14	N/A
Lead (mg/L)	BDL	0.015
Antimony	BDL	0.006
Arsenic (mg/L)	BDL	0.05
Barium (mg/L)	BDL	2.0
Beryllium (mg/L)	BDL	0.004
Selenium (mg/L)	BDL	0.05

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	<u>BJWSA</u>	<u>EPA LIMIT</u>
Nickel (mg/L)	BDL	0.1
Nitrate (mg/L)	0.020	10.0
Nitrite (mg/L)	0.020	1.0
Sodium (mg/L)	21.0	N/A
Chloride (mg/L)	20.0	250
Iron (mg/L)	BDL	0.3
Manganese (mg/L)	BDL	0.05
Magnesium	1.9	N/A
Copper (mg/L)	BDL	1.3
Potassium	2.0	N/A
Strontium	BDL	0.05
Thallium (mg/L)	BDL	0.002
Tritium (pci/L)	523	20,000
Total Trihalomethane (ppb)	45.8	80
Haloacetic Acids (ppb)	37.2	60
Total Organic Carbons Removal (%)	52.6	35-50
Giardia (Oo) cysts/L	None Found	N/A
Cryptosporidium (Oo) cysts/L	None Found	N/A

BDL = Below Detection Limit.

Revised May 3, 2018