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Our mission: Provide quality water and wastewater services to our current and future customers in the Lowcountry

VERNA ARNETTE, GENERAL MANAGER

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

The source of water for the plants is the Savannah River. The Chelsea Water Treatment Plant and Purrysburg Water Treatment Plant consistently treat the raw water 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. 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) | 7.81 | 6.5-8.5 |
| Alkalinity (mg/L as CaCO ₃) | 23.2 | N/A |
| Calcium Hardness (mg/L as CaCO ₃) | 48.3 | N/A |
| *(approximately 3 grains per gallon) | | |
| Turbidity (NTU) | 0.04 | 0.3 |
| Color (Pt-Co units) | 3 | 15.0 |
| Conductivity (umhos/cm) | 194 | N/A |
| Total Dissolved Solids (mg/L) | 126 | N/A |
| Total Chlorine | 2.22 | 4.0 |
| Ortho Phosphate (mg/L as PO ₄) | 0.22 | N/A |
| Aluminum (mg/L) | ND | 0.05 |
| Fluoride (mg/L) | 0.66 | 4.0 |
| Mercury (mg/L) | ND | 0.002 |
| Chromium (mg/L) | ND | 0.1 |
| Cadmium (mg/L) | ND | 0.005 |
| Calcium (mg/L) | 18.0 | N/A |
| Lead (mg/L) | ND | 0.015 |
| Antimony (mg/L) | ND | 0.006 |
| Arsenic (mg/L) | ND | 0.05 |
| Barium (mg/L) | 0.02 | 2.0 |
| Beryllium (mg/L) | ND | 0.004 |
| Selenium (mg/L) | ND | 0.05 |

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| | <u>BJWSA</u> | <u>EPA LIMIT</u> |
|-----------------------------------|--------------|------------------|
| Nickel (mg/L) | ND | 0.1 |
| Nitrate (mg/L) | 0.86 | 10.0 |
| Nitrite (mg/L) | ND | 1.0 |
| Sodium (mg/L) | 11.0 | N/A |
| Chloride (mg/L) | 16.6 | 250 |
| Iron (mg/L) | ND | 0.3 |
| Manganese (mg/L) | 0.04 | 0.05 |
| Magnesium (mg/L) | ND | N/A |
| Copper (mg/L) | ND | 1.3 |
| Potassium (mg/L) | ND | N/A |
| Strontium mg/L) | ND | 0.05 |
| Thallium (mg/L) | ND | 0.002 |
| Total Organic Carbons Removal (%) | 59.8 | 35-50 |
| Giardia (Oo) cysts/L | None Found | N/A |
| Cryptosporidium (Oo) cysts/L | None Found | N/A |

ND = Not Detected

CompanyFolder\LabInfo\TestResultsOnFinishedWater

Revised August 1, 2025

