

GET TO KNOW YOUR WATER UTILITY

Hilton Head Public Service District (PSD) is a special purpose district created by the South Carolina General Assembly in 1969 to provide water and sewer services to Hilton Head Island.

THE PSD AT-A-GLANCE

- ➔ Serves **19,000 customers** in the north- and mid-island areas of Hilton Head Island, from Windmill Harbour to the Hilton Head Resort
- ➔ Provides an average of **6 million gallons of water** per day
- ➔ Experiences a peak demand of **11 million gallons of water** a day in the summer
- ➔ Has the ability to provide a total of **2.8 billion gallons** of water per year.
- ➔ Uses five elevated water storage tanks and three ground-level tanks with a collective capacity of **8.4 million gallons.**
- ➔ Maintains more than **220 miles of drinking water lines** throughout our service area.
- ➔ Maintains more than **200 miles of sewer mains** throughout our service area.
- ➔ Maintains more than **120 sewer lift stations** located throughout our service area.

PROVIDES WATER FROM THREE DIFFERENT SOURCES:

1

Reverse Osmosis (RO) Water Treatment Facility on Jenkins Island treats brackish groundwater from the 600-foot-deep Middle Floridan Aquifer. The RO plant provides **3 million gallons of fresh water a day** and is expandable to provide 6 million gallons a day.

2

Treated Savannah River surface water is purchased wholesale from the Beaufort-Jasper Water & Sewer Authority and is delivered to the island via a large pipeline underneath the Intracoastal Waterway. Treated Savannah River surface water also is stored in the PSD's **Aquifer Storage & Recovery (ASR) Well** inside Hilton Head Plantation. The ASR well stores the treated water during the winter months of low demand and withdraws it for retreatment and distribution during the summer months of higher demand, when wholesale water rates are more expensive. The ASR well provides **2 million gallons of water a day during the summer months.**

3

Wells in the 150-foot-deep fresh water Upper Floridan Aquifer. These wells are the island's traditional source of water but are being lost to the phenomenon of saltwater intrusion into the fresh water aquifer.



Recycled Water Plant

Hilton Head PSD operates a Recycled Water Plant with a capacity to treat and recycle **6.4 million gallons** of wastewater per day:

- ➔ Recycles more than **1 billion gallons of wastewater** a year for beneficial use in golf course irrigation and wetlands nourishment. No wastewater is discharged to area waterways.
- ➔ Provides recycled water to **11 golf courses** for use in irrigation.
- ➔ Provides recycled water to **four wetlands in Hilton Head Plantation and Palmetto Hall** as part of a state-monitored wetlands nourishment program.
- ➔ Uses three storage lagoons capable of holding up to **30 million gallons of recycled water**.



An Environmental Distinction

In 2018, Hilton Head PSD received certification in Environmental Planning from the Audubon Cooperative Sanctuary Program (ACSP), an Audubon International program designed to help landowners preserve and improve the environmental quality of their property. As an ACSP participant, Hilton Head PSD will be involved in projects that enhance habitat for wildlife and preserve natural resources for the benefit of the local community.



MORE INFORMATION

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