

LOWCOUNTRY AREAWIDE WATER QUALITY MANAGEMENT PLAN

Amendment 24

Hilton Head Public Service District (PSD) may construct a new reverse osmosis (RO) facility on Jenkins Island to treat water from new supply wells in the Middle Floridan Aquifer to provide municipal drinking water to Hilton Head Island. The proposed facility will provide 6 million gallons per day (MGD) and discharge concentrate generated from the RO process at a new National Pollutant Discharge Elimination System (NPDES) discharge outfall in Skull Creek. The volumetric flowrate of the concentrate effluent will be 2 MGD.

The Water Quality Management (208) committee recommends that the plant be constructed subject to the following two conditions:

- The metal concentrations, specifically copper and mercury, meet the listed criteria of the table on page 8 of the Preliminary Engineering Report (PER);
- Hilton Head Public Service District coordinates with the Town of Hilton regarding the location and orientation of the 16" outfall pipe.