



## **LOWCOUNTRY AREAWIDE WATER QUALITY MANAGEMENT PLAN**

### **Amendment 29**

An expansion of the Walterboro Wastewater Treatment Plant (WWTP) is proposed to increase its capacity from 2.64 million gallons per day (MGD) to 5.625 MGD. This expansion will involve the following major treatment process additions and modifications:

- New Screening Chamber
- New Influent Pumping Station
- New Grit Removal System
- Modifications to Existing SBR's & Addition of New SBR's
- New Tertiary Filter Basins
- New UV Disinfection
- Expanded Cascade Post Aeration
- Repurposing Existing Flow Equalization Basin as Aerobic Digestion #2
- Addition of Sludge Screw Press #3 & Related Equipment
- New Solar Sludge Drying Beds
- New Emergency Generator

The expansion of the Walterboro WWTP will position the City to provide wastewater service to the proposed Colleton Highway 64 Mega Site and the growing Interstate I-95 Corridor through Colleton County.

The City will be committing its ability to provide a minimum of 1 MGD to the proposed Colleton Highway 64 Mega Site.

The treatment at the new facility will be designed to consistently meet the NPDES discharge limit requirements.

The plant upgrade will be consistent with the 208 Water Quality Management Plan for the Lowcountry Area of South Carolina.