

LOWCOUNTRY AREAWIDE WATER QUALITY MANAGEMENT PLAN

Amendment 18

The Yemassee Wastewater Treatment Facility (WWTF) may be expanded from a capacity of .26 MGD to .5 MGD. The expansion will include upgrades to influent/effluent pumping, screening, grit removal, biological treatment and disinfection capabilities. Additionally, a new effluent force main and outfall diffuser will be installed. The additional capacity may facilitate economic growth in the area. Several alternatives were analyzed and expansion of the existing dual-power multi-cellular lagoon system facility was selected as the most economically viable option for the Town of Yemassee to increase the permitted capacity of the WWTF, while minimizing environmental impacts.