

CITY OF VALDOSTA
DESIGN-BUILD WITHLACOOCHEE WPCP
VALDOSTA, GEORGIA



Project Description

Reynolds served as the General Contractor and self-performed 55% of this work. Reynolds worked with numerous subcontractors and vendors in performing cost analysis on various designs, layouts and equipment packages before coming to the final design, the most cost effective approach to meet the discharge limitations as defined by Georgia EPD. The effluent from this facility flows into the Withlacoochee River and was required to meet these strict new limitations. There was a small pump station onsite that was constructed as part of this project at a 2.4-MGD capacity.

This Project provided a new facility to be located on City-owned property at an elevation above the existing FEMA 500-year flood level. The project included: Four (4) 155' diameter, 24' SWD SBR service 1 ea 2.2MG (132'Dia, 24' SWD) digester service – all 5 were open top, Tertiary filtration, Chlorination and De-chlorination, Chemical Feed systems for Phosphorus removal, Aerobic Digestion, dewatering of sludge, welded steel sludge holding tank ~20,000 gallons – 12' dia x 24ft H (20,303 to rim), and Administration/Laboratory Facilities. Approximately 75,000-80,000 cy of dirt excavation.

At a Glance

Contract Amount:
\$23.5 M

Notice to Proceed:
September 22, 2014

Completion Date:
July 29, 2016

MGD:
12

Owner:
City of Valdosta

Engineer:
Parsons Environment &
Infrastructure Group Inc.