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Contractor mobilized to Plantation Bay to begin Reverse Osmosis Treatment Facility project

July 25, 2019 – Flagler County’s contractor, Sawcross Inc., is on location at Plantation Bay and marks the beginning of the Reverse Osmosis Treatment Facility project, which will improve the quality of the drinking water.

“It is very early in the project, but it is wonderful to let residents know the end is in sight,” said County Engineer Faith Alkhatib. “This project will be completed in one year – July 2020.”

The project includes: demolition of existing piping; installation of new yard piping, including connections to the existing water treatment plant and the wastewater treatment facility; construction of a booster pump station; construction of a sewage lift station; construction of a new reverse osmosis Building; furnishing and installing reverse osmosis process equipment, including enhanced raw water pretreatment clarification, automated disinfection and chemical feed systems; the removal and replacement of backwash pumps; and, other site improvements.

Reverse Osmosis Treatment Facility design includes provisions for future expansion from 0.50 MGD (Million Gallons per Day) to 1.0 MGD in two 0.25 increments.

The entire project cost, including a contingency for unforeseen conditions, is $6.54 million. Of that amount, $3.75 is being funded through a State Revolving Fund (SRF) loan. Another $1.56 million of a Florida Department of Environmental Protection Grant is allocated for construction. Water Impact Fee reserves of $1.23 million rounds out the funding.

The Wastewater Treatment Facility is also on track with Phase 1 work near completion – a substantial walk through is scheduled next week. Also, 90% of the Phase 2 design work finished. Documentation has been provided to the state to secure funding. An invitation to bid will be advertised in October.