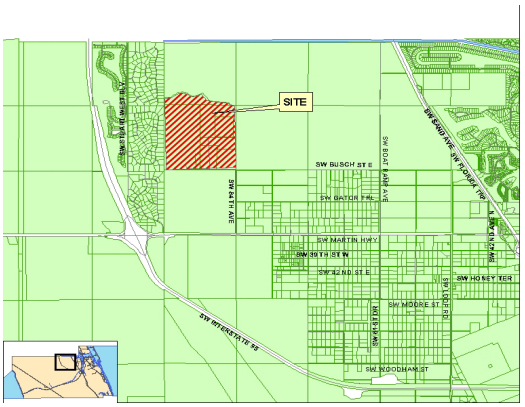
On Site Water and Wastewater Utilities

Category Non-concurrency
CIP Rating Score 15
Project Number 4018
Location Palm City
District Countywide

Project Limits Martin County Landfill / Transfer Facility

Related Projects
Lead Dept/Division Solid Waste
Year Project Initiated Proposed during the FY19 Workshop
Project Life Cycle 20 Years



Resilience Requirements ☐ 2040 Vulnerability ☐ 2070 Vulnerability ☐ 2100 Vulnerability

DESCRIPTION
Construction of on-site water and wastewater facilities and infrastructure. Project cost includes payoff of water/sewer assessment in FY24 and construction in FY25.

BACKGROUND
The current potable water is supplied via an on-site well. The current wastewater system is a series of lift stations and septic tank systems. The leachate is currently being trucked offsite for disposal into the County Wastewater Collection System.

PROJECT ORIGINATION Infrastructure Needs

JUSTIFICATION
On-site water is needed to improve watering techniques used to control dust and odors. Current well water supply clogs the misters.

On-site wastewater infrastructure is needed to collect leachate coming from the closed landfill. Under current procedure the leachate is collected in ground storage tanks and then hauled to a wastewater facility for processing. On-site wastewater infrastructure will improve staff productivity.

				Funded					Unfunded
Expenditures	**Total**	**To Date**		**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**FY30-FY34**
Construction	1,112,593	377,593		735,000					
Expenditure Total	**1,112,593**	**377,593**		**735,000**	**0**	**0**	**0**	**0**	**0**
Revenues	**Total**	**To Date**	**Carryover**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**FY30-FY34**
Solid Waste Fees	1,112,593	377,593	162,407	572,593					
Revenue Total	**1,112,593**	**377,593**	**162,407**	**572,593**	**0**	**0**	**0**	**0**	**0**
							Total Unfunded		**0**

OPERATING BUDGET IMPACT
There will be a decrease in the operating budget as a results of abandoning the on site well, fire protection pump station, and septic tanks. Monthly water/sewer bills will be added to the operating budget. Cost will be based on consumption, which is not known at this time.