

SEWRF Storage Lakes & Pump Back Station Imp Prj



Last Updated: February 2024

Overview

SEWRF Storage Lakes & Pump Back Station Improvements - \$12,750,315 (Project # 6088380)

Reduce slope on the east and south lake II to 3:1 where necessary. Cut back berm overgrowth on all storage lakes, provide erosion control at existing pump stations and install pump stations outside of berms. Increase pump back capacity on each lake to 15 million gallons per day. Install new energy dissipating inlets on both lakes, and install outfall structures. Install solar bees for lake recirculation and algae control. Included with this project would be all necessary electrical and Supervisory Control and Data acquisition (SCADA) work.

Increase output capacity in moving water from storage lakes to keep up with growing reclaim demand. Removing land area between the east lake sections increases lake storage capacity. On previous Florida Department of Environmental Protection (FDEP) reports it has been noted about our responsibility in preventing the berms from overgrowth of Brazilian pepper trees.

Project Status

Project Manager	Anthony Benitez
Departments	Public Works
District	5

		Start	End
SEWRF Storage Lakes & Pump Back Station Improvements			
6088380	Design	10/1/2014	10/31/2020
	Construction	11/1/2020	12/31/2022



Summary of Finances

	Budget	Year to Date	Remaining Balance	% Received
Revenues				
Appropriated				
Water and Sewer Capital Improv	9,129,315	9,129,315	-	100%
Utilities Revenue Bonds, 2018	3,621,000	3,621,000	-	100%
	12,750,315	12,750,315	-	100%
Future Appropriation				
	-	-	-	-
	12,750,315	12,750,315	-	100%

	Budget	Encumb	Project Total	Remaining Balance	% Spent
Expenses					
Appropriated					
SEWRF Storage Lakes & Pump Back Station Improvements	12,750,315	-	11,601,988	1,148,327	91%
	12,750,315	-	11,601,988	1,148,327	91%
Future Appropriations					
	-	-	-	-	-
	12,750,315	-	11,601,988	1,148,327	91%