

Project Name: C&SF: CERP South Miami-Dade Reuse (BBB)
Project ID: 3900 CERP Project WBS # 98
Lead Agency: USACE / Miami-Dade County
Authority: Not authorized
Funding Source: Federal/State

Strategic Plan Goal(s) Addressed: 3-C.2

Measurable Output(s): 131 million gallons per day advanced WWTP

April 1999 Project Synopsis: This project includes a plant expansion to produce superior, advanced treatment of wastewater from the existing South District Wastewater Treatment Plant (WWTP) located north of the C-1 Canal in Miami-Dade County. In order to attain the superior level of treatment, construction of an add-on pretreatment and membrane treatment system to the existing secondary treatment facility will be necessary. The initial design of this feature assumed the plant would have a capacity of 131 million gallons per day.

Current Project Synopsis: The purpose of the project is to provide additional water supply to the South Biscayne Bay and Coastal Wetlands Enhancement Project. Detailed analyses will be required to determine the quality and quantity of water needed to meet the ecological goals and objectives of Biscayne Bay. Superior water quality treatment features will be based on appropriate pollution load reduction targets necessary to protect downstream receiving surface waters (Biscayne Bay).

Current Status: Due to the water quality issues associated with discharging reclaimed water into Biscayne National Park, an *Outstanding Florida Water*, such as potential failures of the treatment system and the limited ability to control contaminant inputs to the sanitary sewer system serving the treatment facility, other sources of water to provide required freshwater flows to southern and central Biscayne Bay should be investigated before pursuing the reuse facility as a source. If, more appropriate sources are not available, the reuse project will be initiated by determining the parameters of concern, the necessary wastewater treatment requirements, and the appropriate treatment technology to be implemented.

This project has not begun.

Est. Cost: \$ 534,965,000

Project Schedule: TBD

Detailed Project Budget Information (rounded):

South Miami-Dade Reuse	Obligations Thru 2015	FY
USACE		\$0
SFWMD		\$0
Total		\$0

Hyperlink: http://141.232.10.32/pm/projects/proj_98_south_miami.aspx

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Source: Original project description summarized from the *Central and Southern Florida Project Comprehensive Review Study (Restudy) (1999)*. Cost estimate information is updated to reflect current price levels in October 2009 dollars.

Additional Information:

