

MEMORANDUM

TO: Governing Board Members

FROM: Deena Reppen, Deputy Executive Director, Regulatory and Public Affairs

DATE: December 10, 2009

SUBJECT: Reclaimed Water Production Facility-Phase III Expansion FY 2010
Contract No. 4600001965

Background: At the beginning of the project in 2005, the Marco Island Reclaimed Water Production Facility (RWPF) consisted of multiple contact-stabilization plants with a rate capacity of 3.5 MGD. In 2006, the City of Marco Island began the Septic Tank Replacement Program (STRP) with the goal of extending sewer service to the entire island over a period of seven years. In conjunction with the STRP efforts, the City began to expand the Marco Island RWPF to a capacity of 5.0 MGD to accommodate flows from the expanded sewer system and additional development of the island.

The expansion is being implemented in three phases. Phase I was conversion of existing 1 MGD process to 3 MGD reclaimed water production facility. Phase II was the addition of a 2 MGD reclaimed water production facility. The City of Marco received \$300,000 in BCB Funding in FY09 for the completion of Phase II. Phase III will address the solids handling, operation buildings, disinfection, electrical system and site work.

How this helps meet the District's 10-year Strategic Plan: The project has been formulated to conform to the District's mission elements of water resources conservation.

Funding Source: The total cost of the project is \$10,000,000, of which the District's contribution is not to exceed \$460,000 in FY10, for which dedicated BCB funds are budgeted for FY10; reviewed and recommended for approval by the Big Cypress Basin Board on October 30, 2009.

This Board item impacts what areas of the District, both resource areas and geography: The project benefits the water resources of the City of Marco Island in Big Cypress Basin.

What concerns could this Board item raise: The Board may be concerned about the City's ability to complete this contract within the fiscal year. Individual projects were identified, scoped and budgeted to fit within the coming fiscal year. The Big Cypress Basin staff is confident that these projects will be completed within FY10.

Why should the Governing Board approve this item: Approval of this contract will help achieve the goals of the Coastal Watershed Program and the goals of the Lower West Coast Water Resources Conservation Plan while leveraging District resources with local government partners.

If you have any questions, please do not hesitate to call me at ext. 6232.

DR/mg