

MEMORANDUM

TO: Governing Board Members

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

DATE: October 14, 2010

SUBJECT: Collier County - Alternative Water Supply Projects FY11
North County Water Reclamation Facility (NCWRF) - Pond Liner Phase 2
Contract No. 4600002212

Background: The North County Water Reclamation Facility has the capacity to treat 24.1 million gallons per day of wastewater and converts approximately 95% (23 MGD) of the wastewater production to irrigation quality water. This project started in FY10 with the installation of an impermeable liner in Pond #2.

Phase 2 of the project will continue in FY11 with the installation of a similar liner in Pond #4. The installation of the liner will eliminate the loss of reclaimed water due to percolation and allow the County to use its reclaimed water resources more efficiently. The pond perimeter, berms and access roads will also be enhanced and a new piping and valve system will be installed to allow more flexibility between the ponds. The objective of this project is to increase the storage capacity of irrigation quality water, improve the availability for distribution and reduce potable water usage for irrigation.

The total estimated cost for Project is \$2,100,000. In FY11, the District has budgeted \$500,000 in dedicated BCB funds.

How this helps meet the District's 10-year Strategic Plan: The project encourages the development of alternative water supply source.

Funding Source: The total cost of the project is \$2,100,000 of which the District's contribution is not to exceed \$500,000 for which dedicated funds (Big Cypress Basin) are budgeted for FY11.

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

What concerns could this Board item raise? The Board may be concerned about the County'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 FY11.

Why should the Governing Board approve this item? Approval of this contract will help achieve the Resources Conservation goals of the Lower West Coast Water Supply Plan while fostering a partnership with Collier County. The item was reviewed and recommended for approval by the Big Cypress Basin Board on August 27, 2010.

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