

MEMORANDUM

TO: Governing Board Members

FROM: Kenneth G. Ammon, P.E, Deputy Executive Director
Everglades Restoration and Capital Projects  KGA

DATE: September 21, 2009

SUBJECT: Contract with Collier County Board of County Commissioners Pollution Control and Prevention Department for Water Quality Monitoring Services, Contract Number 4600001904

Background: The purpose of this three-year contract with Collier County's Pollution Control and Prevention Department is to continue long-term monitoring of water quality within Collier County. This effort, ongoing since 1998, has established a substantial period of record that serves as a baseline to evaluate estuarine restoration efforts as well as to identify potential impacts on this valuable resource from upstream water management activities. This monitoring program also provides data for the development of water management strategies in the Big Cypress Basin watershed and adjacent coastal waters of Collier County.

How this helps meet the District's 10-Year Strategic Plan: This project supports regional model development and provides data for the development of water management strategies in the Big Cypress Basin watershed and adjacent coastal waters of Collier County.

Funding Source: This three-year contract is in the amount of \$210,000 for which ad valorem funds in the amount of \$70,000 are budgeted in FY10. The remainder is subject to Governing Board approval of the FY11-12 budgets.

This Board item impacts what areas of the District, both resource areas and geography: The contract will be managed by the Restoration Sciences Department and data collection will be performed by the Collier County Pollution Control and Prevention Department. Laboratory analysis and data validation will be performed by the District. There are 26 monitoring sites to be sampled monthly.

What concerns could this Board item raise? An ongoing concern has been the amount of monitoring the District undertakes. To address this issue, staff from the Environmental Resource Assessment (ERA) Department and the Big Cypress Service Center have recently completed a re-engineering of the water quality network in this region which resulted in the elimination of 34 stations and 22 parameters.

Why should the Governing Board approve this item? Monitoring funded through this agreement will provide mission critical information for assessing the health of the estuarine region, and the performance of upstream District and CERP projects.

KA/kh

Attachment-Map, Resolution