

MEMORANDUM

TO: Governing Board Members

FROM: Deena Reppen, Chief of Staff

DATE: May 10, 2012

SUBJECT: Powell Creek Preserve Filter Marsh
Contract No. 4600002646

Background: This is a one-year cost-share agreement with Lee County for construction of a filter marsh in the Caloosahatchee River Watershed.

The objective is to improve the water quality of stormwater runoff discharged to Powell Creek through the construction of an 18-acre filter marsh system on existing conservation land, "Powell Creek Preserve". Water from both Powell Creek and Powell Creek Canal will be diverted to the filter marsh and treated through a series of shallow and deep wetland areas before returning to Powell Creek via a control structure. The existing wetland located in the southeast corner of the Powell Creek Preserve property will be incorporated into the proposed filter marsh to improve its hydrology.

How this helps meet the District's 10-year Strategic Plan: Construction of the filter marsh meets the District's 10-Year Strategic Plan through water quality treatment partnerships in the Caloosahatchee River Watershed.

Funding Source: This is a one-year cost-share agreement with Lee County in an amount not to exceed \$300,000, which is unbudgeted. Funding will come from a budget transfer in the amount of \$300,000 across program elements within the Coastal Watersheds Program, from the Lakes Park Restoration project to the Powell Creek Filter Marsh project.

This Board item impacts what areas of the District, both resource areas and geography: This project is located within the Tidal Caloosahatchee River Watershed and is listed in the Caloosahatchee River Watershed Protection Plan (CRWPP). It benefits the Caloosahatchee River and will be administered through the District's Office of Chief of Staff and Procurement Bureau.

What concerns could this Board item raise: None

Why should the Governing Board approve this item: Approval of this contract provides Lee County with the funds needed to complete construction in FY12.

If you have any questions, please do not hesitate to contact me at extension 6232.