



Florida Department of Environmental Protection

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Rick Scott
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This survey is to identify water quality improvement projects that have a regional impact and will address nutrient loads towards meeting the Basin Management Action Plan (BMAP) and Total Maximum Daily Load (TMDL). Responses are due back to the department by February 29, 2016.

PROJECT

What is the name of the project? (If available, please use same name listed in Stormwater Master Plan)

Project Name: Scott Water Farm

Please provide a brief description of the project type.

Project Type: Above ground impoundment to provide increased regional water storage and provide pollutant load reduction through attenuation

What are the methods by which the project achieves water quality and/or quantity improvement?

Project Description: Water from the C-25 Canal is stored within the constructed impoundment, reducing the nutrient load and volume of water which would otherwise be discharged to the IRL and St. Lucie Estuary by approximately 34,633 acre-feet

When will the project begin and end?

Desired Start Date: Month 08 Year 2016 Completion Date: 08/2017

COST

How much will this project cost (total, estimated)?

Estimated Cost: \$ 7,803,000

What are estimated Operation and Maintenance costs of this project on a yearly basis?

Estimated Annual O&M Cost: \$ 5,364,000

Within which Basin Management Action Plan (BMAP) is the project located?

Please provide a description of this project's location (Sub-watershed, WBID, Zone, 8 digit HUC)

HUC - 03090202 (~6,000 acres) and 03080101 (~2,000 acres)

What is the north-south position of this project in decimal degrees?

Latitude: 27.5588 N

What is the east-west position of this project in decimal degrees?

Longitude: 80.68474 W

Who is the main entity managing this project?

Lead Entity: Evans Properties, Inc.

Who are the entities that will provide monies/effort towards this project?

Partners: South Florida Water Management District

How many acres are treated by this project?

Acres Treated: C-25 Basin (105,472 acres)

What is the estimated Total Nitrogen (TN) reduction achieved per year in pounds?

Estimated TN Reduction: 105.827 lbs/yr

What is the estimated Total Phosphorous (TP) reduction achieved per year in pounds?

Estimated TP Reduction: 8.564 lbs/yr

Note: A reduction in nutrient load discharged to the St. Lucie Estuary occurs only when flows from the C-24 Canal enter the C-25 Canal via the G81 structure

Approximately 34,633 acre-feet of stormwater prevented from discharging to the Indian River Lagoon or St. Lucie Estuary