

Meeting Date
January 24, 2017



AGENDA	
Section	Consent
Item No.	<i>II.A.1</i>

AGENDA REPORT
 BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

SUBJECT:	Freshwater Discharges Water Quality Improvement Projects State Legislative Appropriations - Districts 1-5
DEPT/OFFICE:	Natural Resources Management (NRM) Department / Stormwater

Requested Action:

It is requested that the Board of County Commissioners (1) Authorize the Chairman to execute Cost-Share Agreement Contract #LP0511A, between Brevard County and the State of Florida to construct twenty (20) ditch denitrification bioreactors throughout Brevard County; (2) Approve legal venue as Leon County; (3) Authorize the County Manager, or designee, to execute future contract amendments subject to the approval of the County Attorney's Office and Risk Management; (4) Approve associated budget change requests.

Summary Explanation & Background:

There are over 1500 stormwater outfalls to the Indian River Lagoon (IRL) in Brevard County – draining roads and agricultural lands and providing flood relief for citizens. Hundreds of these outfalls have very little or no treatment for water quality. Using stormwater models, the county has prioritized the worst ones and has begun designing denitrification treatment for them.

Brevard County's 2016 Legislative Program included a \$1.7M request to cost share 50:50 to add denitrification treatment to 40 of the worst stormwater outfalls to the Indian River Lagoon. The Legislature partially funded our request by approving \$700,000 to assist with treatment for 20 outfalls. The attached document includes the proposed cost-share agreement with the State of Florida, managed by the Florida Department of Environmental Protection (FDEP), for the Brevard County Treatment of Freshwater Discharges to the Indian River Lagoon.

The County will retrofit twenty (20) high pollutant loading drainage ditches that carry groundwater and stormwater runoff to the IRL. These prioritized areas will be retrofitted with chambers, or similar containment features, containing Denitrification Bioreactors (DNBR's) in conjunction with phosphorus removal media, as applicable. A stream-bed treatment design will be adapted to suit the site-specific flow volume and pollutant concentration. The DNBR treatment media reduces nitrogen pollution. Crushed concrete or phosphorus filters may be applied to reduce phosphorus pollution, if funding allows. Depending on the site conditions, the proposed improvements have the potential to reduce pollutant loads by 40-97%, depending on site conditions. Construction is expected to begin as early as Spring 2017.

Fiscal Impact: FY 16-17: \$700,000 Revenue from FDEP Agreement No. LP0511A: Line Item 1600A of FY 16-17 General Appropriations Act. Matching funds are budgeted in the Stormwater Capital Improvement Plan

Contact: Robbyn Spratt (ext. 56724) or Virginia Barker (x52435), NRM

Clerk to the Board Instructions: ~~Four~~ **Three** executed agreements required.

Exhibits Attached: Exhibit A

Contract /Agreement (If attached):	Reviewed by County Attorney	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	PR	<input type="checkbox"/>
County Manager	Assistant County Manager					Department Director / Extension	
Stockton Whitten	Assistant County Manager					Virginia Barker / 52435 <i>Virginia Barker</i>	

**BREVARD COUNTY
BOARD OF COUNTY COMMISSIONERS**

INITIAL CONTRACT FORM

SECTION I

The following information must be completed on all new contracts submitted to the Board.

1. Contractor: FDEP	
2. Fund/Account #:	Division Name: Watershed Management
4. Contract Description: FDEP Legislative Funds Agreement LP0511A for Freshwater Discharges to IRL	
5. Contract Monitor: Robbyn Spratt ext. 56724 (call for pick-up)	6. Mail Stop #: 81
7. Dept./Office Director: Natural Resources Management Dept. Virginia Barker	8. Contract Type: Legislative Funds
ACTION DATE: 11/1/16	ACTION REQUIREMENT: Review for Approval by the Board and Execution by the Chair

SECTION II

The following departments must approve all contracts submitted to the Board:

<u>COUNTY OFFICE</u>	<u>APPROVAL</u>		<u>INITIALS</u>	<u>DATE</u>
	<u>YES</u>	<u>NO</u>		
User Agency	_____	_____	_____	_____
Risk Management	✓	_____	JCS	11/4/2016
County Attorney	_____	_____	_____	_____

If any office denies approval, the package will be returned immediately to the User Agency.

NOTE: This form should be attached to all new contracts being submitted to the Board for approval. After the contract has been approved, the contract package, including this form, will go to the Clerk to the Board. The Clerk's office will return the Initial Contract Form to department for contract to be entered into the Contract Management System. See AO-29 for additional information.

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	<u>YES</u>	<u>NO</u>		
User Agency	_____	_____	_____	_____
Risk Management	_____	<u>X</u>	<u>CB</u>	<u>11/2/16</u>
County Attorney	_____	_____	_____	_____

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Venue in Leon County is contrary to BCC policy.
A waiver may be obtained or the language in the severability clause can be change to Brevard or venue can not be designated.
If the Board waives the venue policy, please return contract for signature