

LFIR # 2599

I. Project Title	Indian River Lagoon Outfall Upgrades to Provide Nutrient & Waste Removal

2. Senate Sponsor Erin Grall

3. Date of Request 12/11/2023

4. Project/Program Description

The County's Natural Resources Department proposes to retrofit publicly maintained roadway outfalls with baffle boxes, inlet vortex separators, and biosorption-activated media for enhanced pollutant removal. Outfalls will be prioritized based on impact to water quality on this impaired ecosystem and the value added in achieving the County's TMDL and BMAP requirements. These outfalls currently discharge into the Indian River Lagoon and the canals leading to it. This proposal also presents an opportunity to educate the community on pollution and nutrient loading influences into our Lagoon.

5. State Agency to receive requested funds

Department of Environmental Protection

State Agency contacted? Yes

6. Amount of the Nonrecurring Request for Fiscal Year 2024-2025

Type of Funding	Amount
Operations	500,000
Fixed Capital Outlay	250,000
Total State Funds Requested	750,000

7. Total Project Cost for Fiscal Year 2024-2025 (including matching funds available for this project)

Type of Funding	Amount	Percentage	
Total State Funds Requested (from question #6)	750,000	75%	
Matching Funds			
Federal	0	0%	
State (excluding the amount of this request)	0	0%	
Local	250,000	25%	
Other	0	0%	
Total Project Costs for Fiscal Year 2024-2025	1,000,000	100%	

8. Has this project previously received state funding? No

Fiscal Year	Amo	ount	Specific	Vetoed
(уууу-уу)	Recurring	Nonrecurring	Appropriation #	

9. Is future funding likely to be requested?

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.

Grant funding

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?

Yes

Yes

1,000,000



If yes, indicate the amount of funds received and what the funds were used for.

The County received \$27,905,330 under the CARES Act and \$31,063,168 under the ARP Act. CARES Act: Municipalities, Constitutional Officers, BCC Expenses, Health Department, Healthcare Providers, State Agencies, Economic Development, Community Support, School District of IRC, Public Health & Public Safety. ARP Act: Constitutional Officers, Road Resurfacing & Restriping, Workers Performing Essential Work, Responding to the Public Health Emergency, Water/Sewer, Broadband.

Complete questions 11 and 12 for Fixed Capital Outlay Projects

- 11. Status of Construction
 - a. What is the current phase of the project?

📀 Planning	🔘 Design	Construction	🔘 N/A	
b. Is the project "	No			
c. What is the est	8/25/2025			
d. What is the est	12/31/2026			

12. List the owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

Indian River County, Board of County Commissioners

13. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	N/A	0
Other Salary and Benefits	N/A	0
Expense/Equipment/Travel/Supplies/ Other	N/A	0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits	N/A	0
Expense/Equipment/Travel/Supplies/ Other	N/A	0
Consultants/Contracted Services/Study	Request for Engineering firm to do the design based on surveys and water sampling performed as a part of the project.	500,000
Fixed Capital Construction/Majo	r Renovation:	
Construction/Renovation/Land/ Planning Engineering	Construct baffle boxes, inlet vortex separators and biosorption- activated media in the publicly maintained roadway outfalls in Indian River County that can provide maximum debris and nutrient load reductions.	250,000
Total State Funds Requested (m	ust equal total from question #6)	750,000

14. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?



The purpose overall is water quality of the Indian River Lagoon, and our goal is to meet the County's TMDL, and BMAP requirements.

b. What activities and services will be provided to meet the intended purpose of these funds?

We will install baffle boxes, inlet vortex separates and biosorption-activated media at the most vulnerable outfalls. Once the load reductions available for each outfall are determined, designs for modifications of the structure will be designed and constructed.

c. What direct services will be provided to citizens by the appropriation project?

The project will directly provide the citizens better water quality by removing garbage, sediment and nutrients that in the past have caused fish kills and effected businesses that depend on the Lagoon. It also will provide education on how we can protect the Central Indian River Lagoon.

d. Who is the target population served by this project? How many individuals are expected to be served?

This project will benefit all of Indian River County's 161,000 population, along with the estimated hundreds of thousands of tourists that come to Indian River County every year.

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will

be measured?

Expected benefit is the removal of waste and debris from the stormwater stream, while providing additional nutrient removals prior to discharge. This benefit is anticipated to reduce the amount of algae blooms, and red tide occurrences off the Central Coast of Indian River Lagoon in Indian River County. One of the ways we will measure the outcome is by observing overall health of the lagoon and document any blooms or red tide that are occurring off the Central Coast of the Indian River Lagoon. Orca and SJRWMD performs testing of the IRL, can analyze their data to confirm that our improvements are benefiting our lagoon.

f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for the contract?

Should Indian River County not utilize the funding allocated by the State of Florida to fund the Natural Resources, the County of Indian River will be required to return the funding to the State of Florida.

15. Requester Contact Information

a. First Name	Kathy		Last Name	Copeland
b. Organization	Indian Riv	ver County, Boar	d of County (Commissioners
c. E-mail Address	kcopeland	d@indianriver.go	V	
d. Phone Number	(772)226-	4329	Ext.	
16. Recipient Contact Information				
a. Organization	Indian Riv Commissi	ver County, Boar oners	d of County	
b. Municipality and	d County	Indian River		
c. Organization Type				
Ger Profit Entity				

□Non Profit 501(c)(3)

□Non Profit 501(c)(4)



LFIR # 2599

☑Local Entity				
□University or Co	llege			
□Other (please sp	pecify)			
d. First Name	Eric	Last Name	Charest	
e. E-mail Address	echarest@indianriver.gov			
f. Phone Number	(772)226-1569			
17. Lobbyist Contact I	nformation			
a. Name	Natalie Fausel			
b. Firm Name	Anfield Consulting			
c. E-mail Address	natalie@anfieldflorida.cor	n		
d. Phone Number	(561)317-0889			

Please complete the questions below for Water Projects only.

18. Have you applied for alternative state funding?

- □ Waste Water Revolving Loan
- Drinking Water Revolving Loan
- □ Small Community Wastewater Treatment Grant
- □ Other (please specify)
- ☑ N/A

19. What is the population economic status?

- □ Financially Disadvantaged Community (ch. 62-552, F.A.C)
- □ Financially Disadvantaged Municipality (ch. 62-552, F.A.C)
- Rural Area of Economic Concern
- □ Rural Area of Opportunity (s. 288.0656, Florida Statutes)

☑ N/A

20. What is the status of construction?

Not ready.

21. What percentage of the construction has been completed?

0



LFIR # 2599

22. What is the estimated completion date of construction?

12/31/2026