



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 1811

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

This project seeks to expand fecal indicator bacteria (FIB) monitoring at recreational waterways throughout Biscayne Bay, complementing the Florida Healthy Beaches program. Weekly FIB sampling and environmental data collection using industry standard data collection device to ensure a holistic approach. Test results will be shared and accessible to the public through digital channels. Leveraging advanced statistical tools, we will analyze existing datasets, providing robust insights for agencies and policymakers.

5. State Agency to receive requested funds

State Agency contacted?

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

Type of Funding	Amount
Operations	750,000
Fixed Capital Outlay	0
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	80%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	144,834	16%
Other	38,750	4%
Total Project Costs for Fiscal Year 2024-2025	933,584	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

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.

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



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 1811

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

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 "shovel ready" (i.e permitted)?

c. What is the estimated start date of construction?

d. What is the estimated completion date of construction?

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.

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	Program-related Salary and Benefits for Executive Director to oversee the project.	38,785
Other Salary and Benefits	Program-related Salary and Benefits for administrative staff to track project-related expenses, including employee and subcontractor costs, and process payments.	14,995
Expense/Equipment/Travel/Supplies/Other	Insurance and other indirect costs related to administering the project.	1,560
Consultants/Contracted Services/Study	N/A	0
Operational Costs: Other		
Salary and Benefits	Program-related Salary and Benefits for a Science Director, Water Quality Research Manager, Science Engagement Coordinator, Chief Digital and Tech. Officer, Program Director, Marketing Coordinator, Marketing Specialists equal to 4.05 Full-Time Employees and 6 Part-Time Field Technicians. Program-related includes sample collection, processing, and reporting as well as public outreach and education.	439,300
Expense/Equipment/Travel/Supplies/Other	Program Supplies & Materials (\$72,000); Local travel for monitoring (\$24,898); Digital product development (\$30,000), Equipment maintenance & repairs (\$12,200), Software (\$9,415), Social Media and other outreach (\$5,304); Printing and other related expenses (\$7,526).	161,343
Consultants/Contracted Services/Study	Lab subcontractors may be used; Data analysis is expected to be done by a subcontractor; Media/marketing consultants to spread project awareness.	94,017
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		750,000



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 1811

14. Program Performance

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

This program will augment existing weekly water quality monitoring at recreational waterways, providing test results to the public via digital channels. We will also apply novel, advanced statistical tools to analyze existing water quality datasets. This program will raise awareness about water quality challenges and solutions with the public. The goals are to improve public health, increase water quality awareness, and provide robust data analysis for agencies and policymakers.

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

Activities include developing water quality dashboards, data collection and analysis, digital tool creation, public education through different forms of media, triaging and responding to environmental crises, stakeholder coordination, and ongoing monitoring to enhance water quality awareness and protection of Biscayne Bay.

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

Rapid public water quality data access, advanced statistical analyses, education on water quality and pollution sources, pollution reporting tools, and improved public health through awareness

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

The target population includes: elderly persons, students at all ages (preschool, grade school, high school, university/college), the general public, general water-based stakeholders, and immunocompromised individuals. Over 100,000 individuals are expected to be served.

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

Benefit: Protect the general public from environmental harm
 Measure: Avoidance of waterborne illnesses
 The methodology of this outcome is measured by:

- Public engagement with social media posts
- Total reports of exceedances of safe levels of bacteria in the water
- Use of water quality data for informed decision-making through swim guide views and social media analytics on water quality results
- Publication quality statistical analyses for decision making

Benefit: Improved Public Awareness
 Measure: Increased public awareness about water quality and pollution sources
 The methodology of this outcome is measured by:

- Analytics of public engagement with social campaigns
- Website and Swim Guide analytics, such as visits to water quality information pages
- Attendance at educational events or workshops related to water quality
- Number of public inquiries or requests for information about water quality
- Community participation in pollution reporting and monitoring init

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?

Penalties for failing to meet deliverables in the contract may involve forfeiting retainage if the work isn't performed satisfactorily or if required items and documentation are missing. Written notice is given, and if issues aren't resolved within the specified timeframe, retainage is forfeited to Miami Waterkeeper.

15. Requester Contact Information

a. First Name **Last Name**

b. Organization

c. E-mail Address



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 1811

d. Phone Number Ext.

16. Recipient Contact Information

a. Organization

b. Municipality and County

c. Organization Type

- For Profit Entity
- Non Profit 501(c)(3)
- Non Profit 501(c)(4)
- Local Entity
- University or College
- Other (please specify)

d. First Name Last Name

e. E-mail Address

f. Phone Number

17. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number