



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 2861

1. **Project Title**
2. **Senate Sponsor**
3. **Date of Request**

4. Project/Program Description

The Florida Department of Environmental Protection has determined that water quality in Lake Bumby is impaired for total phosphorus (TP) nutrient and has placed the lake on its list of impaired surface waters. This proposed water quality improvement project is a whole-lake treatment using buffered alum proven to remove TP from the water column and sequester TP released from benthic sediments. The project proposes to treat both lakes Bumby and Tyner which are located in a highly urbanized area. The project is located within the Lake Okeechobee Basin Management Action Plan (BMAP) area, which requires reduction of total phosphorus.

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	0
Fixed Capital Outlay	220,300
Total State Funds Requested	220,300

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)	220,300	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2024-2025	220,300	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.**
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10. **Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?**



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

No COVID-19 funds have gone to this project. Orange County has received \$243 million in CARES Act funds, and \$270 million from the American Rescue Plan Act (ARPA) local recovery funding. Uses of the funds include things like rental/mortgage assistance, payroll assistance, facilities alteration expenses and employee/customer hygiene supplies, etc. Orange County also received and disbursed \$16,136,799 for Emergency Rental Assistance.

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)?

Yes

c. What is the estimated start date of construction?

January 2024

d. What is the estimated completion date of construction?

5/31/2025

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.

Lakes Bumby and Tyner are non-sovereign submerged lands (non-SSL) owned as private property. Orange County is responsible for addressing water quality impairments within its jurisdictional boundaries.

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Environmental Research & Design will be contracted to conduct the whole-lake treatments, conduct pre- and post-treatment monitoring, and submit draft and final project reports.	220,300
Total State Funds Requested (must equal total from question #6)		220,300

14. Program Performance

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



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The project is a water quality improvement that will remove phosphorus nutrients within the water column and inactivate nutrients in the unconsolidated (muck) sediments in lakes Bumby and Tyner. The project is located within the Lake Okeechobee Basin Management Action Plan (BMAP) area, which mandates reduction of total phosphorus by BMAP stakeholders.

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

Pre- and post-treatment sediment and lake monitoring will provide data. Treatments will remove phosphorus from the water column by flocculation and settling and will sequester nutrients within the sediments so that they are no longer available for use by algae. This will help prevent potential algal blooms and production of algal toxins.

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

This project will improve water quality for the citizens of and visitors to Orange County.

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

The citizens of and visitors to Orange County. 2020 census indicated Orange County population is 1,429,908.

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

The project is expected to reduce nutrients within Lakes Bumby and Tyner and the Lake Okeechobee BMAP area. Lake surface water and sediment sampling will measure reductions of nutrients.

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?

Failure to utilize the funds in the specified manor shall result in funds being returned to the State.

15. Requester Contact Information

a. First Name **Last Name**

b. Organization

c. E-mail Address

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) Local Government



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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

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?

21. What percentage of the construction has been completed?

22. What is the estimated completion date of construction?