



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2025-2026

LFIR # 3373

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. Project/Program Description

Lake Jesup is a shallow nutrient impaired lake in Seminole County. Due to past alteration of its hydrologic connection to the St. John's River, decades of urban development, and accumulation of legacy nutrients in the sediments have led to continuous water quality degradation and chronic algal blooms that put human health, wildlife, recreation, and local economies at risk. Complementing past programs to reduce nutrient loading to the lake and current/future strategies to restore connectivity with the River and mitigate excess nutrients, particularly phosphorus, this project will inactivate 220,000 lbs of readily-available sediment phosphorus that will drastically improve water quality and reduce the occurrence of harmful algal blooms.

5. **State Agency to receive requested funds**

State Agency contacted? Yes

6. Amount of the Nonrecurring Request for Fiscal Year 2025-2026

Type of Funding	Amount
Operating	42,000,000
Fixed Capital Outlay	0
Total State Funds Requested	42,000,000

7. Total Project Cost for Fiscal Year 2025-2026 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	42,000,000	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 2025-2026	42,000,000	100%

8. **Has this project previously received state funding?** No

If yes, provide the most recent instance:

Fiscal Year (YYYY-YY)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. **Is future-year funding likely to be requested?** No

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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Complete questions 10 and 11 for Fixed Capital Outlay Projects

10. 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)?

No

c. What is the estimated start date of construction?

d. What is the estimated completion date of construction?

e. What funding stream will be used for ongoing operations and maintenance of the project?

N/A

11. 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.

12. 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		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study	The full amount will be used for contracted program of sequestration and monitoring of sediment phosphorus fractionation before, during, and for 3 years following the restoration project in Lake Jesup sediments or nutrient-polluted tributaries.	42,000,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		42,000,000

13. Program Performance

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



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Project will inactivate a significant portion of legacy phosphorus in Lake Jesup sediments and sequester new inputs from 3 key tributary creeks. This sequestration will dramatically improve the lake's water quality and clarity, reduce risk of harmful algal blooms and fish kills, and promote expansion of submersed vegetation to further stabilize restored water quality and improve habitat for fish and other wildlife and will allow greater recreation and tourism for the benefit of local economies.

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

Funds will support a full-service contracted project through SJRWMD that includes final assessment of readily available legacy phosphorus in the sediments and post-treatment sediment phosphorus measurements on a quarterly-basis through 3 years post management

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

Rapid water quality improvement through direct mitigation of legacy phosphorus pollution in Lake Jesup will provide local citizens more effective use of Lake Jesup for fishing, hunting, and other recreation. It will also reduce risk of exposure to dissolved algal (or cyanobacterial) toxins in lake water through swimming or other recreational use, or via aerosolized toxins documented in association with harmful algal bloom events in excessively productive Florida lakes such as Lake Jesup.

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

Approximately 550,000 residents live in Seminole County with continued residential and business development occurring in southern, western, and northern sections of the lake's watershed. Local and visiting fisherman and hunters utilize the lake, which in the past, was considered one of the best fishing lakes in Florida but that use has reduced.

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

Sequestration of sediment phosphorus and a majority of new phosphorus inputs will improve water quality, reduce risk of harmful algal blooms, and increase water clarity. The management program will promote submersed aquatic vegetation, reduce risk of fish kills and shift the lake from a 'turbid state' to conditions promoting improved habitat, biodiversity and ecological function. The outcome will be directly measured through assessment of sediment phosphorus and lake water quality measurements already conducted by SJRWMD and augmented using automated measures proposed in this project.

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 in the contract?

SJRWMD may hold a partial amount (1/3) of contract funding until sediment phosphorus improvement is documented using appropriate analytical methods that provide detailed fractionation assessment of phosphorus levels in sediments.

14. Is this project related to mitigation, response, or recovery from a natural disaster?

a. If Yes, what phase best describes the project?

- Mitigation (reducing or eliminating potential loss of life or property)
- Response (addressing the immediate and short-term effects of a natural disaster)
- Recovery (assisting communities return to normal operations, including rebuilding damaged infrastructure)

b. Name of the natural disaster (or Executive Order # for events not under a federal declaration):

15. Has the entity applied for or received federal assistance for this project?

- Yes, Applied
- Yes, Received



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- No
- No, but intends to apply

a. If yes, provide the FEMA project worksheet ID#:

b. Provide the total project cost listed on the FEMA project worksheet:

16. Has the entity applied for or received state assistance for this project (other than this request)?

- Yes, Applied
- Yes, Received
- No
- No, but intends to apply

a. If yes, specify the program and state agency (ex. Local Government Emergency Bridge Loan, Department of Commerce):

Please complete questions 17 through 21 for Water Projects only.

17. Have you been awarded or applied for alternative state funding for this project?

- Water Quality Improvement Grant Program
- Resilient Florida Grant Program
- Wastewater Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- Other (please specify, ex. Alternative Water Supply Grants)
- N/A

18. 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)



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N/A

19. What is the status of construction?

Planning

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

12/31/2029

22. Requester Contact Information

a. First Name Jason **Last Name** Brodeur
b. Organization The Florida Senate
c. E-mail Address brodeur.jason.web@flsenate.gov
d. Phone Number (850)487-5010 **Ext.**

23. Recipient Contact Information

a. Organization SJRWMD
b. Municipality and County Statewide
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 Adam **Last Name** Lovejoy
e. E-mail Address alovejoy@sjrwmd.com
f. Phone Number (321)356-1959 **Ext.**

24. Lobbyist Contact Information

a. Name None
b. Firm Name
c. E-mail Address
d. Phone Number



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The information provided will be posted to the Florida Senate website for public viewing if sponsored by a Senator.