



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1388

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

This project will convert at least 65 septic properties to sanitary sewer. Priority will be to abandon systems which pose the highest threat to Indian River Lagoon water quality in terms of nutrient and pathogen loading. Grants will be offered to homeowners who agree to abandon their conventional septic system and connect to gravity or force main sewer, if available within 30 feet of their property. High priority sites will be eligible for up to \$18,000 in connection and construction costs. In addition, upgrades of non-priority sites will be incentivized on a prorated basis of \$700 per pound of reduced nitrogen loading to the lagoon, based on ArcNLET septic loading model results calibrated with local groundwater concentration data.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2021-2022

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	585,000
Total State Funds Requested	585,000

7. Total Project Cost for Fiscal Year 2021-2022 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	585,000	50%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	585,000	50%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	1,170,000	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?



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Local Funding Initiative Request

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LFIR # 1388

Yes

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

Coronavirus Relief Funds for Public Safety Needs and Economic Support, \$105M; Transit Services, \$18M; Housing and Human Services, \$5.4M; Fire Rescue, \$462K; Sheriff's Office, \$177K; Valkaria Airport, \$30K.

11. 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	Planning, permitting & inspection costs. Abandonment of deactivated septic systems. Installation of private sewer laterals from street to house stub-out, connection fees, grinder pumps or lift stations (if necessary), electrical connections (if necessary), site restoration, and other costs associated with abandoning septic systems and converting to sanitary sewer.	585,000
Total State Funds Requested (must equal total from question #6)		585,000

12. Program Performance

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

The ultimate goal of this project is to improve water quality of the Indian River Lagoon by reducing the amount of nitrogen pollution from household wastewater that enters groundwater through septic drainfields. By eliminating this nutrient pollution, groundwater which makes its way to the Indian River Lagoon will not fuel new algae blooms or exacerbate ongoing blooms. Bloom conditions reduce water clarity and decrease dissolved oxygen, contributing to seagrass loss and fish kills.

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

Plumbing contractors will abandon up to 65 private septic systems and connect those properties to sanitary sewer. Connections will take place on private properties with the consent of owners who volunteer to participate in the program. Post cards will be mailed to notify the owners of highest priority sites that they are eligible to participate in the program. The first 100 to respond will be offered funding.

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

Brevard County will provide funds for qualified plumbing & septic contractors to abandon septic systems and connect private properties to sanitary sewer. Funds will cover the costs associated with abandonment of deactivated septic systems and installation and connection of new sanitary sewer equipment. Individual funding amounts will be based on each parcel's modeled pollution to the groundwater, with a maximum grant of \$18,000 per property.

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



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Local Funding Initiative Request

Fiscal Year 2021-2022

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At least 65 owners of conventional septic systems in Brevard County will be served. A detailed septic analysis identified 4,496 properties located within 30 feet of existing sewer infrastructure. These properties can quickly be disconnected from septic and connected to sewer.

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

The expected benefit of this project is a reduction of over 1650 pounds of nitrogen reaching the lagoon at a cost of approximately \$700 per pound. The success of the program may be measured by the number of participants, the estimated reduction in nitrogen loading, and performance data from measuring the groundwater at a subsample of participating sites. In some cases, shoreline seepage rates and adjacent surface water samples will be compared to modeled load reduction estimates.

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?

Past performance should be taken into account by bill sponsors. Brevard County continues to meet its deliverables.

13. 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.

The citizens of Brevard County who apply for grant funding will become owners of the facility (private property) receiving capital outlay funding from this appropriation. The entity (Brevard County) will retain no ownership of any capital improvements performed on these private properties.



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Local Funding Initiative Request

Fiscal Year 2021-2022

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14. Requestor Contact Information

a. First Name Last Name

b. Organization

c. E-mail Address

d. Phone Number Ext.

15. 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

16. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number



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Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1388

Please complete the questions below for Water Projects only.

17. 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

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)
- ☒ N/A

19. What is the status of construction?

Planning and permitting begin once Brevard County property owner applies for grant funding

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

06/30/2022