



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1181

1. Project Title Miami-Dade County - Little River Adaptation Action Area Septic to Sewer Partial Conversion

2. Senate Sponsor Jason Pizzo

3. Date of Request 01/29/2021

4. Project/Program Description

This project will provide wastewater infrastructure to support the conversion of septic systems in the Little River Adaptation Action Area, a low to moderate income community that is vulnerable to rising groundwater. Rain and tidal events result in failing systems causing backups in homes and the presence of contaminated flood water. Pollution from the Little River was a contributor to recent fish kills in Biscayne Bay. Specifically, this project will provide the sewer infrastructure necessary to convert the parcels with septic systems most vulnerable to current and future groundwater.

5. State Agency to receive requested funds Department of Environmental Protection

State Agency contacted? Yes

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

Type of Funding	Amount
Operations	3,094,000
Fixed Capital Outlay	15,866,000
Total State Funds Requested	18,960,000

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)	18,960,000	92%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	1,690,200	8%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	20,650,200	100%

8. Has this project previously received state funding? No

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

9. Is future 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.

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



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Yes

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

Miami-Dade County has received \$941,676,894.50 in federal assistance related to the COVID-19 pandemic, including but not limited to funds from the following grant programs: Coronavirus Relief Fund, Federal Transit Administration, and CARES Act Airport Grants.

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	Dedicated project manager through existing engineering contract	200,000
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Outreach and Engagement	50,000
Consultants/Contracted Services/Study	Project initiation, design and engineering	2,844,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Installation of wastewater pump stations, force mains, and gravity sewer system, laterals, right of way work and restoration, and other associated infrastructure	15,866,000
Total State Funds Requested (must equal total from question #6)		18,960,000

12. Program Performance

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

To provide critical sewer infrastructure to reduce risk from human exposure to bacteria and viral contamination from septic system hydraulic failures resulting in back ups in homes and exposure to sewage contaminated floodwaters that pond in lawns and roadways during and following rain and tidal events.
Economic impacts result from these events, which impacts the livelihood of this community .
The project will also reduce contribution of nutrients and bacteria to surface waters and storm water drainage, resulting in reduced loading in canals and ultimately Biscayne Bay.

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

The installation of sanitary sewer systems in an area impacted by rising groundwater.
This project will provide wastewater pump stations, force and gravity mains, laterals and associated infrastructure to provide infrastructure for residential sewer connection.

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

Wastewater services.

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

This project will directly impact a low to middle income community within the Little River Adaptation Action Area, which includes areas of the City of Miami, El Portal, and unincorporated Miami-Dade County.
Sewer infrastructure will be installed to support the conversion of approximately 575 parcels, which are the most vulnerable to rising groundwater.

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



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be measured?

- 1.Reduced direct exposure to bacteria from human contact with sewage during hydraulic failures and contaminated floodwaters during rain and tidal events (measurement method: Number of systems removed from project area and no longer posing threat and decrease in bacteria levels in floodwaters)
- 2.Reduce contribution of bacteria and nutrients to adjacent and downstream water bodies and groundwater and associated indirect human exposure and environmental impacts (measurement method: Calculated reduction in bacteria and nutrient contributions per septic system and improved water quality monitoring measurements over longterm)
- 3.Reduce economic burden of septic repairs, pump outs, alternative housing accommodations for renters and owners, and reduced rental market in a low income area.
- 4.Reduction of nutrients and bacteria effluent travel to groundwater (Reduced nitrogen level in groundwater wells in project area)

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 meet deliverables will jeopardize future funding years/requests.

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.

N/A



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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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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?

Not begun

20. What percentage of the construction has been completed?

0

21. What is the estimated completion date of construction?

06/30/2024