

LFIR # 1447

1. Project Title Sanford Nutrient Reduction at Lake Jesup and Lake Monroe

2. Senate Sponsor Jason Brodeur

3. Date of Request 02/09/2023

4. Project/Program Description

The City of Sanford is continuing to do what it can, within its purview, to protect the water quality of the Middle Basin by reducing sanitary sewer overflows and minimizing effluent discharges to the River. To achieve this, the City has focused on finding and removing sources of I/I into the sanitary sewers. Reduction of I/I of storm-water is achieved by improving aged sewer system infrastructure (over 100 years)and reducing the impact on the WWTP. In 2022, storm related SSOs occurred resulting in four discharge events of more than 18 MG to the river. I/I evaluation identified over 370 brick manholes with severe I/I that require replacement or rehabilitation, in addition to miles of degraded pipeline requiring rehab. The City's proposed infrastructure improvement will assist to improve surface water quality prioritized by the SJRWMD SWIM Act of 1987 as impaired.

5. State Agency to receive requested funds

Department of Environmental Protection

State Agency contacted? No

6. Amount of the Nonrecurring Request for Fiscal Year 2023-2024

Type of Funding	Amount
Operations	150,000
Fixed Capital Outlay	2,750,000
Total State Funds Requested	2,900,000

7. Total Project Cost for Fiscal Year 2023-2024 (including matching funds available for this project)

Type of Funding	Amount	Percentage	
Total State Funds Requested (from question #6)	2,900,000	98%	
Matching Funds			
Federal	0	0%	
State (excluding the amount of this request)	0	0%	
Local	75,000	2%	
Other	0	0%	
Total Project Costs for Fiscal Year 2023-2024	2,975,000	100%	

8. Has this project previously received state funding? Yes

Fiscal Year	Amount		Specific	Vetoed	
(уууу-уу)	Recurring	Nonrecurring	Appropriation #		
020-21	0	750,000	1635A	No	

9. Is future funding likely to be requested?

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Yes

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.

N/A. The need is greater than this request, other grants will be pursued for additional funding.

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



Yes

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

DOJ \$111,386 public education, PPE and monitoring. LIHEAP \$1,229,250 utility bill assistance. ARPA \$13,240,884 for water/sewer/stormwater improvements, premium pay for city employees, decontamination equipment, social programs and reimburse for COVID health care costs. SEMINOLE COUNTY \$247,725 to assist local businesses with PPE. FEMA \$24,089 PPE reimbursement CDBG \$964,154 small business economic relief

Complete questions 11 and 12 for Fixed Capital Outlay Projects

11. Status of Construction

a. What is the current phase of the project?

Planning Oconstruction

b. Is the project "shovel ready" (i.e permitted)?

c. What is the estimated start date of construction?

d. W	hat is th	e estimated	completion	date of	construction?
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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.

Yes

07/01/2023

07/01/2025

Owner and entity, City of Sanford

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	Evaluation of work done and providing quarterly reports	30,000
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/ Other		0
Consultants/Contracted Services/Study	Smoke Testing, televising and infrastructure evaluation	120,000
Fixed Capital Construction/Majo	r Renovation:	
Construction/Renovation/Land/ Planning Engineering	Construction	2,750,000
Total State Funds Requested (m	ust equal total from question #6)	2,900,000

14. Program Performance

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



Reduction of infiltration and inflow (I/I) of storm-water by improving aged sewer system infrastructure and reducing the impact on the wastewater treatment plant. In September 2020 during a heavy rainfall event 2 SSO occurred which resulted in FDEP issuing to the City a consent order. Ongoing I/I evaluation of more than 110,000 LF has identified some of the contributing areas that require immediate attention and the City is currently evaluating additional areas for rehabilitation. In 2022 over 40,000 LF of sewer pipes were lined and 35 brick manholes rehabilitated.

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

Lining of gravity sewer pipelines and manhole rehabilitation to reduce inflow and infiltration.

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

The City's sewer infrastructure lining project will assist to improve surface water quality within the Middle Basin, an impaired body of water prioritized by the St. River Water Management District (SJRWMD) SWIM Act of 1987. Improvements will eliminate surcharging of wastewater infrastructure for 25-year critical events and reduce 100-year critical event flooding from discharging into Lake Monroe.

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

All City residents (approximately 60,000) and regional residents utilizing Lake Monroe, St Johns River and Blue Springs for recreational use. Reducing the nutrients in Lake Monroe will impact many more residents of Central Florida since the Lake feeds into St John's river.

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

Reduction in discharge to lake Monroe resulting in reduction in nutrient discharge. Improved lake water quality, improved recreational use of the lake, quality of life for area residents. Due to continuous upgrading of the infrastructure since the storm event of 2004 treated wastewater discharge to Lake Monroe has decreased by 80%, storm event discharge to the lake is the methodology to measure outcome.

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?

Typical City Contract Documents.

15. Requester Contact Information

a. First Name	William	Last Name	Marcous	
b. Organization	City of Sanford			
c. E-mail Address	WILLIAM.MARCOUS@sanfordfl.gov			
d. Phone Number	(407)688-5105	Ext.		
16. Recipient Contact Information				
a. Organization	City of Sanford, Public Works and Utilities Department			
b. Municipality and County Seminole				
c. Organization Ty	ре			
□For Profit Entity				
□Non Profit 501(c	c)(3)			
□Non Profit 501(c	2)(4)			



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☑Local Entity				
□University or College				
□Other (please specify)				
d. First Name	Mack	Last Name	McKinley	
e. E-mail Address	mack.mckinley@sanfordfl.gov			
f. Phone Number	(407)688-5177			
7. Lobbyist Contact Information				
a. Name	George Oscar Anderson			
b. Firm Name	The Southern Group			
c. E-mail Address	anderson@thesoutherngr	oup.com		

d. Phone Number (850)671-4401

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?

Design Completed, Construction Ready

21. What percentage of the construction has been completed?

0% complete



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22. What is the estimated completion date of construction?

7/1/2025