



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2022-2023

LFIR # 1749

1. Project Title Bunnell Wastewater Treatment Facility Infrastructure Upgrade and Modernization

2. Senate Sponsor Travis Hutson

3. Date of Request 12/13/2021

#### 4. Project/Program Description

The City of Bunnell owns and operates the Bunnell wastewater treatment facility (WWTF) in Flagler County. The Bunnell WWTF is an activated sludge treatment facility which operates under FDEP permit FL0020907 with a permitted capacity of 0.60 million gallons per day (MGD) annual average daily flow (AADF). The City exceeded 50% capacity prior to the year 2014. The projected AADF is expected to exceed the permitted capacity of 0.60 MGD by the year 2024. To meet the immediate capacity needs, improve existing facility deficiencies, and enhance operational flexibility it is recommended that the facility be expanded to a 1.0 MGD rated facility.

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

State Agency contacted? Yes

#### 6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	4,000,000
<b>Total State Funds Requested</b>	<b>4,000,000</b>

#### 7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	4,000,000	27%
<b>Matching Funds</b>		
Federal	1,400,000	9%
State (excluding the amount of this request)	8,000,000	53%
Local	1,600,000	11%
Other	0	0%
<b>Total Project Costs for Fiscal Year 2022-2023</b>	<b>15,000,000</b>	<b>100%</b>

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.

ARPA funds \$1.4 mil, Wastewater Treatment facility expansion.

#### 11. Details on how the requested state funds will be expended

Spending Category	Description	Amount
<b>Administrative Costs:</b>		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
<b>Operational Costs: Other</b>		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering	Wastewater Treatment Facility Infrastructure Upgrade and Modernization	4,000,000
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>4,000,000</b>

#### 12. Program Performance

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

To meet the immediate capacity needs, improve existing facility deficiencies, and enhance operational flexibility it is recommended that the facility be expanded to a 1.0 MGD rated facility.

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

One new 1.0 MGD rated basin that contains two separate treatment trains with identical processes. For redundancy, the headworks structure will contain two screening units that discharge the liquid flow into the flow equalization (EQ) basin upstream to the two biological nutrient removal (BNR) trains. The BNR configuration will improve the quality of effluent being discharged from the facility to advanced wastewater treatment standards (AWT), providing appreciable environmental benefits to Haw Creek (the Facility's surface discharge location). The two new secondary clarifiers will be designed for Class I reliability (redundancy). There will be three new RAS/WAS pumps -two duty, one standby. Two new disc filters will replace the existing tertiary filters and will be constructed adjacent to the new chlorine contact chamber (CCC) and dechlorination basin.

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

Expanded wastewater services for new development.

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

8,000 individuals expect to be served including residential and commercial.

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

Increase operational efficiencies, decrease existing facility deficiencies and enhance operational flexibility.



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**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?**

Reimbursement of funds.

**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.**

City of Bunnell



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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?**

Waiting for construction funding.

**20. What percentage of the construction has been completed?**

0

**21. What is the estimated completion date of construction?**

12/29/2023