

LFIR # 2693

1. Project Title	Trenton AWT WWTF Improvements - Planning & Design Phase
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2. Senate Sponsor Jennifer Bradley

3. Date of Request 01/02/2024

#### 4. Project/Program Description

The project is a vital upgrade for Trenton's aged and deteriorated wastewater treatment facility, addressing its inability to meet Advanced Wastewater Treatment (AWT) standards. This request will achieve the environmental goals for WWTF's in the Suwannee River Basin Management Action Plan (BMAP) and Fanning Manatee Priority Focus Area (PFA). It includes upgrading various components and expanding the facility's treatment capacity. The facility applies treated effluent to a 40-acre sprayfield, and the proposed improvements will apply highly treated effluent to the sprayfield for further treatment before recharging the aquifer. The project aims to reduce approximately 5,411 lb./yr of Total Nitrogen (TN) to meet BMAP and PFA nutrient reduction requirements. The AWT improvements and expanded capacity enable the WWTF to accommodate additional flows from decommissioned septic tanks both within and outside the service area, helping to protect and recharge the springshed.

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

Department of Environmental Protection

State Agency contacted? Yes

#### 6. Amount of the Nonrecurring Request for Fiscal Year 2024-2025

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	2,310,700
Total State Funds Requested	2,310,700

#### 7. Total Project Cost for Fiscal Year 2024-2025 (including matching funds available for this project)

Type of Funding	Amount	Percentage	
Total State Funds Requested (from question #6)	2,310,700	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 2024-2025	2,310,700	100%	

8. Has this project previously received state funding? No

Fiscal Year	Amo	ount	Specific	Vetoed
(уууу-уу)	Recurring	Nonrecurring	Appropriation #	

#### 9. Is future funding likely to be requested?

Yes 4,000,000

a. If yes, indicate nonrecurring amount per year.

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

The city will continue to pursue applicable federal and state grants to secure the necessary resources for the critical upgrades to the WWTF.



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

Yes

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

The City of Trenton received ~\$910,000 in American Rescue Plan Act (ARPA) funds and has allocated and/or utilized the funds for critical infrastructure improvements.

## **Complete questions 11 and 12 for Fixed Capital Outlay Projects**

- 11. Status of Construction
  - a. What is the current phase of the project?

📀 Planning	🔘 Design	Construction	🔘 N/A		
o. Is the project '	'shovel ready" (i	.e permitted)?		No	
c. What is the est	timated start date	e of construction?		05/01/2026	
d. What is the es	timated completi	on date of construc	ction?	12/01/2027	

#### 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.

The City of Trenton owns, operates, and maintains its WWTF (FL011615). The city will operate and maintain the upgraded and expanded AWT WWTF in accordance with its FDEP WW Operating Permit Requirements.

#### 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		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/ Other		0
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Majo	r Renovation:	
Construction/Renovation/Land/ Planning Engineering	Funds will go to engineering design, permitting, and engineering services during construction. Const. includes: influent structure, flow equalization/pre-anoxic system, existing oxidation ditch aeration enhancements, clarifier splitter box, two secondary clarifiers with return activated sludge (RAS)/waste activated sludge (WAS) pump station, tertiary disk filters, chlorine contact chamber, yard piping, site improvements, emergency generator, and instrumentation improvements.	2,310,700
Total State Funds Requested (m	ust equal total from question #6)	2,310,700



#### 14. Program Performance

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

The requested funding will specifically address planning, engineering design, and obtaining necessary permits. These funds will enable the city to lay the foundation for the comprehensive upgrade, ensuring a project that achieves the regulatory standards and environmental goals of the BMAP and PFA.

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

The funds will be used for engineering planning, design and permitting. This involves developing detailed plans for upgrading and expanding facility components, including plans and specifications, and obtaining the necessary permits and approvals from regulatory authorities to ensure compliance with environmental standards. These activities are essential for the implementation of the wastewater treatment facility upgrade and will position the city to apply for DEP SRF grant/loan for the construction phase.

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

The project directly benefits citizens and visitors by upgrading the wastewater treatment facility to AWT standards, ensuring improved water quality and environmental protection. This enhances public health, supports economic growth by accommodating additional flows from decommissioned septic tanks, and promotes community awareness. Overall, the project contributes to a cleaner, healthier, and more sustainable environment for Trenton's citizens and the springshed.

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

The target population served by this project includes the residents of Trenton, with a total population of ~2,070 individuals. The project aims to benefit and directly impact this community by improving wastewater treatment, protecting the environment, enhancing public health, and fostering economic growth. The city also hosts many visitors, many of whom are visiting the nearby springs.

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

#### be measured?

The expected outcome of the AWT WWTF Improvements project is improved wastewater treatment effectiveness and compliance with environmental standards, leading to enhanced water quality and protection the of local waterbodies and the springshed. This will be measured through regular analysis of monthly Discharge Monitoring Reports, Daily Sample Results, and quarterly Groundwater Monitoring Reports, providing key indicators of the project's success in meeting its objectives.

## 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 by the City of Trenton to meet AWT standards will ultimately result in an administrative order with specific corrective actions to achieve nutrient reduction compliance as a system within a BMAP and PFA. This emphasizes the importance of the project in order for the city to meet environmental and regulatory obligations in wastewater treatment to avoid legal and financial consequences.

#### **15. Requester Contact Information**

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a. First Name	Jason		Last Name	Shepler		
b. Organization	Mittauer &	Associates, Inc				
c. E-mail Address	JShepler@	mittauer.com				
d. Phone Number	(904)644-0	0644	Ext.			
16. Recipient Contact Information						
a. Organization	City of Tre	enton				
b. Municipality and County Gilchrist						



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#### c. Organization Type

□For Profit Entity						
□Non Profit 501(c	□Non Profit 501(c)(3)					
□Non Profit 501(c	:)(4)					
☑Local Entity						
□University or Co	llege					
□Other (please sp	becify)					
d. First Name	Lyle	Last Name	Wilkerson			
e. E-mail Address	citymanager@trentonflorid	da.org				
f. Phone Number	(352)463-4000					
17. Lobbyist Contact I	nformation					
a. Name	None					
b. Firm Name						
c. E-mail Address						
d. Phone Number						

## 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) SRWMD Springs & AWS/FDEP WQI

D 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)



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#### D N/A

### 20. What is the status of construction?

Project funding is currently being sought; construction has not yet started.

### 21. What percentage of the construction has been completed?

0%

### 22. What is the estimated completion date of construction?

12/01/2027