



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2020-2021

LFIR # 1704

1. **Project Title** Deltona - Eastern Water Reclamation Facility Expansion2. **Senate Sponsor** Tom Wright3. **Date of Request** 10/30/20194. **Project/Program Description**

Deltona owns and operates two Water Reclamation Facilities (WRF), Deltona Lakes WRF and EWRF for a combined total of 2.4 Million Gallons per Day (MGD). EWRF provides Advanced Wastewater Treatment (AWT) and was brought online in 2016 with a capacity of 1.0 MGD, whereas Deltona Lakes WRF (1963) with currently outdated wastewater treatment and a capacity of 1.4 MGD. The Volusia Blue Springs BMAP will require to meet an annual average permit limit of 3.0 milligrams per liter (mg/L) for total nitrogen (TN) by year 2021 and Deltona Lakes WRF treatment process is unable to achieve that requirement. The expansion will increase EWRF capacity to 1.5 MGD, which will retrofit the existing installation by outfitting the empty bay to add one (1) more Membrane Bio-reactor (MBR) media. Phase IA expansion will be completed prior to year 2024 and begin phasing out Deltona Lakes WRF. Future phases will increase EWRF ultimate capacity to 4.5 MGD in order to accommodate future growth through year 2039.

5. **State Agency to receive requested funds** Department of Environmental ProtectionState Agency contacted? ☐ Yes ☒ No6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	000
Fixed Capital Outlay	1,000,000
<b>Total State Funds Requested</b>	<b>1,000,000</b>

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	1000000	100.0 %
<b>Matching Funds</b>		
Federal	00	0 %
State (excluding the amount of this request)	00	0 %
Local	00	0 %
Other	00	0 %
<b>Total Project Costs for Fiscal Year 2020-2021</b>	<b>1,000,000</b>	<b>100 %</b>

8. **Has this project previously received state funding?** ☐ Yes ☒ No

If yes, provide the most recent instance:

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

9. **Is future-year funding likely to be requested?** ☐ Yes ☒ No

If yes, indicate nonrecurring amount per year.



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**10. 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		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study	The City of Deltona will be securing engineering services. Any new services will be paid by the City as cost share, approximately \$150,000.	0
<b>Operational Costs: Other</b>		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering	Deltona owns and operates Deltona Lakes WRF and EWRF. The funding will be used for the project construction for mobilization, MBR outfitting, pipe assemblies installation, instrumentation & control and other construction activities necessary to increase EWRF capacity to 1.5 MGD.	1,000,000
<b>Total State Funds Requested (must equal total from question #6)</b>		1,000,000



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#### 11. Program Performance

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

GOAL - Volusia Blue Springs mandates that certain Wastewater Treatment Facilities (WWTFs) reduce the Total Nitrogen (TN) concentration limit to 3 mg/l. The intent of the project is to reduce the TN load by providing advanced wastewater treatment at EWRF by transferring 0.5 MGD of the flow from Deltona Lakes WRF.

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

Construction cost only.

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

Environmental benefit to Volusia Blue Spring and St. Johns River by reducing nitrogen levels which contributes to invasive algae growth.

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

The citizens of Deltona and Volusia County that enjoy ecotourism in Lake Monroe and St. Johns River. Volusia County (including Deltona) population is approximately 540,000.

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

Increase EWRF treatment capacity by 0.5 MGD and transfer some of the flow from Deltona Lakes WRF to EWRF. Deltona Lakes WRF is listed in the Volusia Blue Spring BMAP as one of the existing WWTFs that TN concentration limit shall be reduced, which is a direct benefit to the Volusia Blue Spring, as indicated above under goal. Meeting the 3 mg/l TN limit will for 0.5 MGD will be the measurement.

- 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 in the contract?

The City of Deltona construction contracts outlines liquidated damages (LDs) in the amount of \$1,000.00 per day to the contractor if construction is not in compliance with the contract documents. The City may increase LDs to \$1,500.00 per day.



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12. **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 owner and the entity are the same. The City of Deltona.

13. **Requestor Contact Information**

- a. First Name  Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number  Ext.

14. **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

15. **Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number  Ext.



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**Please complete the questions below for Water Projects only.**

16. **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

17. **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

18. **What is the status of construction?**

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

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

***The information provided will be posted to the Florida Senate website for public viewing if sponsored by a Senator.***