

# Appropriations Project Request - Fiscal Year 2020-21

## For projects meeting the Definition of House Rule 5.14

1. Title of Project: Orange City Blue Spring Nutrient Reduction Septic to Sewer Conversion
2. Date of Submission: 11/05/2019
3. House Member Sponsor: Elizabeth Fetterhoff  
Members Copied:

### 4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? Yes  
***If answer to 4a is "No" skip 4b and 4c and proceed to 4d, Col. E***
- b. What is the most recent fiscal year the project was funded? 2015-16
- c. Were the funds provided in the most recent fiscal year subsequently vetoed? No
- d. Complete the following Project Request Worksheet to develop your request:

FY:	Input Prior Year Appropriation for this project for FY 2019-20 <i>(If appropriated in 2019-20 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2020-21 <i>(Requests for additional RECURRING funds are prohibited.)</i>		
Column:	A	B	C	D	E	F
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated  <i>(Recurring plus Nonrecurring: column A + column B)</i>	Recurring Base Budget  <i>(Will equal non-vetoed amounts provided in Column A)</i>	<b>Additional Nonrecurring Request</b>	<b>TOTAL Nonrecurring plus Recurring Base Funds</b>  <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i>
Input Amounts:					751,353	751,353

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2020-21? No
  - 5a. If yes, which state agency?
  - 5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? Department of Environmental Protection
  - 5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? Yes
  - 5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.

BMAP nutrient reduction loading violations as assigned to Volusia County by FDEP and CUP violations with MFLs - Performance measures are listed under the City's signed and adopted master plan used for rate structure as well as the SRF loan signed agreement.

6. Requester:

- a. Name: Dale Arrington
- b. Organization: City of Orange City (City Manager)
- c. Email: darrington@ourorangecity.com
- d. Phone #: (386)775-5408

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Migdalia Hernandez
- b. Organization: City of Orange City (Public Works Director)
- c. Email: mhernandez@ourorangecity.com
- d. Phone #: (386)775-5446

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: John Booker
- b. Firm: Volusia County
- c. Email: jbooker@volusia.org
- d. Phone #: (386)490-3046

9. Organization or Name of entity receiving funds:

- a. Name: City of Orange
- b. County (County where funds are to be expended): Volusia
- c. Service Area (Counties being served by the service(s) provided with funding): Volusia

10. What type of organization is the entity that will receive the funds? (Select one)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government
- University or College

Other (Please describe)

11. What is the specific purpose or goal that will be achieved by the funds being requested?

Blue Spring and the Blue Spring Run is about 1 mile west of the City within Volusia County. Volusia Blue Spring/Volusia Blue Spring Run is defined by the Florida Department of Environmental Protection (FDEP) and Chapter 62-303.350, Florida Administrative Code, as being impaired by nutrients. The City's goal is to reduce nutrient impacts to the Springs by phasing out septic tanks along the US 17/92 Community Redevelopment Area (CRA) - Refer to Exhibit 1

12. Provide specific details on how funds will be spent. (Select all that apply)

Spending Category	Description	Nonrecurring (Should equal 4d, Col. E) Enter "0" if request is zero for the category
Administrative Costs:		
<input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits		
<input checked="" type="checkbox"/> b. Other Salary and Benefits	Media advertisement, engineering services, and public information.	93,000
<input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other		
<input checked="" type="checkbox"/> d. Consultants/Contracted Services/Study	Construction Engineering Services	55,000
Operational Costs:		
<input type="checkbox"/> e. Salaries and Benefits		
<input type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering	Construction	603,353
<b>TOTAL</b>		<b>751,353</b>

13. For the Fixed Capital Costs requested with this issue (In Question 12, category "h. Fixed Capital Outlay" was selected), what type of ownership will the facility be under when complete? (Select one correct option)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government (e.g., police, fire or local government buildings, local roads, etc.)
- State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)
- Other (Please describe): City of Orange City Utilities

14. Is the project request an information technology project?

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

Yes

15a. Please Describe:

Volusia County - Orange City Septic Tank Phase-Out Master Planning and Reuse System Expansion - Adopted by City Council in July 2018 by Resolution.

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

Yes

16a. Please Describe:

FDEP - Blue Spring Basin Management Action Plan. SJRWMD Bureau of Water Supply - Volusia Minimum Flows and Levels Prevention/Recovery Strategy.

17. Will the requested funds be used directly for services to citizens?

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select each Benefit/Outcome that applies)

Benefit or Outcome	Provide a specific measure of the benefit or outcome	Describe the method for measuring level of benefit

<input checked="" type="checkbox"/> Improve physical health	Improving water quality and minimum flows and levels at Blue Spring and Blue Spring Run will increase fish and wildlife habitat at State Park, which is currently used for biking, walking, and aquatic sports.	Reduction of aquifer water use for irrigation purposes will be achieved with reclaimed water expansion. The nutrient reduction will be calculated by using pollutant loading reduction calculations established by FDEP.
<input checked="" type="checkbox"/> Improve mental health	Enjoying nature and the outdoors while improving mental health.	Annual visitor's count to Blue Spring State Park
<input checked="" type="checkbox"/> Enrich cultural experience	Visiting one of the most pristine water resources in Volusia County.	Annual visitor's count to Blue Spring State Park
<input type="checkbox"/> Improve agricultural production/promotion/education		
<input checked="" type="checkbox"/> Improve quality of education	Education about Spring protection through nutrient reduction will be provided through City Council meetings, newsletters, social media and citizen involvement.	Citizen's Council meeting count, number of newsletters sent, and social media hits.
<input checked="" type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality	Blue Spring algae growth reduction and spring flows improvements.	Number of septic tanks abandonment nutrient reduction (lbs./year). Potable meter consumption replaced with reclaimed water.
<input checked="" type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)	Blue green algae bloom reduction will reduce surface and groundwater pollution as well as amount of fish kill caused by lack of oxygen.	Number of septic tanks abandoned and related nutrient reduction (lbs./year) will be measured and correlated with nearby potable water supply quality as well as the amount of public nuisance problems and/or complaints.
<input type="checkbox"/> Improve transportation conditions		
<input checked="" type="checkbox"/> Increase or improve economic activity	Commercial units re-development	Amount of re-development permit

	increase - At this time, commercial growth along the CRA corridor is limited due to lack of a central sewer collection system.	issued.
<input checked="" type="checkbox"/> Increase tourism	Increase habitat benefits by improving water quality at Blue Spring as well as minimum flows to increase tourism activities, improve manatee habitat at Blue Spring Park, and other amenities at Orange City.	Measure visits to City parks will be measured by increased used of Mill Lake Park, which is currently treating surface water before discharges to St. Johns River. Increased tourism to Blue Spring State Park will be measured by annual park visitors count.
<input checked="" type="checkbox"/> Create specific immediate job opportunities	The first sewer collection system is under construction. Immediate job creations will include engineering and construction of business and citizens.	Quality control of parcel connections will be measured through contractor's payment agreement.
<input checked="" type="checkbox"/> Enhance specific individual's economic self sufficiency	Property values will increase through sewer and reclaimed infrastructure availability.	Increased re-development.
<input type="checkbox"/> Reduce recidivism		
<input type="checkbox"/> Reduce substance abuse		
<input type="checkbox"/> Divert from Criminal/Juvenile justice system		
<input checked="" type="checkbox"/> Improve wastewater management	Volusia County sewer treatment was expanded to include advanced wastewater treatment. This treatment will result in lower nutrients, meeting more stringent regulatory total maximum daily loads (TMDLs) while increasing alternative water supplies	Septic to sewer annual loading factors will be calculated as well as reclaimed water usage (metering system).

	(reclaimed) to reduce improve MFLs.	
<input type="checkbox"/> Improve stormwater management		
<input checked="" type="checkbox"/> Improve groundwater quality	Septic tank removal will reduce nitrogen impacts into a high aquifer recharge area.	Calculations for nitrogen removal will be calculated for each septic tank abandoned.
<input checked="" type="checkbox"/> Improve drinking water quality	Septic tanks near drinking water wells will be abandoned. This will result in lower drinking water nutrients and organic matter, which is linked to disinfection by-products.	Annual load reduction will be calculated by utilizing lbs./year nutrient reduction of septic tanks abandoned within the wellhead protection zones.
<input checked="" type="checkbox"/> Improve surface water quality	Blue Spring is the largest spring on the St. Johns River and discharges a historical average of 165 million gallons per day. Nutrient pollution removed from septic tank abandonment will result in aquifer restoration decreasing algae bloom at the Spring basin and the St. Johns River.	Improvements will be measured based on algae bloom diminishment with nutrient pollutant load reduction.
<input type="checkbox"/> Other (Please describe):		

19. Provide the total cost of the project for FY 2020-21 from all sources of funding (Enter "0" if amount is zero):

Type of Funding	Amount	Percent of Total	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	751,353	79.0%	N/A
2. Federal:	0	0.0%	No

3. State: (Excluding the requested Total Amount in #4d, Column F)	0	0.0%	No
4. Local:	200,000	21.0%	Yes
5. Other:	0	0.0%	No
TOTAL	951,353	100%	

20. Is this a multi-year project requiring funding from the state for more than one year?

Yes

20a. How much state funding would be requested after 2020-21 over the next 5 years?

- <1M
- 1-3M
- >3-10M
- >10M

20b. How many additional years of state support do you expect to need for this project?

- 1 year
- 2 years
- 3 years
- 4 years
- >= 5 years

20c. What is the total project cost for all years including all federal, local, state, and any other funds? Select the single answer which best describes the total project cost. If funds requested are for ongoing services or for recurring activities, select "ongoing activity".

- ongoing activity – no total cost
- <1M
- 1-3M
- >3-10M
- >10M

21. What is the revenue source of ongoing operating funds?

Utilities Enterprise

22. Has local approval been given for ongoing operating funds?

Yes

23. Have you applied for alternative state funding?

- a. Wastewater Revolving Loan
- b. Drinking Water Revolving Loan
- c. Small Community Wastewater Treatment Grant
- d. Other (Please describe)
- e. N/A

24. Has project been addressed in a local, regional, or state plan?

Yes

24a. If Yes, insert plan name and cite page numbers.

Volusia County - Orange City Septic Tank Phase-Out Master Planning and Reuse System Expansion (all pages). SJRWMD Blue Spring Action Plan - Pages 12-20 Blue Spring Park monitoring and hydrological models, water supply planning including consumptive use permits with MFLs enforcement. Volusia Blue Spring Basin Management Action Plan (2018) - Pages 20-31.

25. Is the project for a financially disadvantaged community? (as defined in Chapter 62-552, F.A.C.)

Yes

26. What is the population economic status?

- a. Financially Disadvantaged Municipality
- b. Rural Area of Critical Economic Concern
- c. Rural Community Experiencing Economic Distress
- d. N/A

27. What is the status of planning?

- a. Ready
- b. Not Ready

28. What percentage of the planning process has been completed?

100%

29. What is the estimated planning completion date?

complete

30. What is the status of design?  
 a. Ready  
 b. Not Ready
31. What percentage of design has been completed?  
60%
32. What is the estimated design completion date?  
12/23/2020
33. List all required permits.  
SJRWMD, FDEP, Volusia County ROW, Orange City ROW
34. What is the status of permitting?  
 a. Planned  
 b. Submitted  
 c. Received
35. What is the status of construction?  
 a. Ready  
 b. Not Ready
36. What percentage of construction has been completed?  
80%
37. What is the estimated completion date of construction?  
12/01/2021