

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO APPLY FOR ST. JOHNS RIVER WATER MANAGEMENT DISTRICT COST-SHARE PROGRAM FUNDING FOR CONSTRUCTION OF THE PORPOISE POINT DRAINAGE IMPROVEMENTS, AND TO COMPLETE ALL NECESSARY APPLICATION PAPERWORK AND CERTIFICATIONS.

RECITALS

WHEREAS, the Board of County Commissioners of St. Johns County, Florida ("Board") has previously approved funding for the design and construction of drainage improvements in the Porpoise Point area; and

WHEREAS, the design of the improvements has been completed; and

WHEREAS, the St. Johns River Water Management District (SJRWMD) is accepting applications for projects for funding of construction improvements; and

WHEREAS, the Board wishes to authorize the County Administrator, or designee, to apply for funding through the SJRWMD Cost-Share Program and provide for partial funding of the proposed improvements; as well as to authorize the completion of all necessary application paperwork, and certifications; and

WHEREAS, the Project is in the best interest of the County for the health, safety and welfare of its citizens.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, as follows:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution, and such Recitals are adopted as finds of fact.

Section 2. The Board of County Commissioners hereby authorizes the County Administrator, or designee, to make application to the St. Johns River Water Management District Cost-Share Program for funding for the construction of the proposed Porpoise Point Drainage Improvements, and to complete all necessary application paperwork and certifications.

Section 3. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this
14th day of February, 2021.

**BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA**

By: *Jeremiah R. Blocker*
Jeremiah R. Blocker, Chair

ATTEST: Brandon J. Patty, Clerk of the Circuit Court & Comptroller

By: *Sam Hatterman*
Deputy Clerk

RENDITION DATE 2/18/21





DRAFT

Fiscal Year 2021-2022 Districtwide Cost-Share (FY 2021-2022 DWCS) Application

This form is designed to assist in submitting a complete application for consideration by the St. Johns River Water Management District (District) for Districtwide Cost-Share Program. Detailed guidance on completing this application can be found in the Funding Guidance Document. All sections of the form must be completed to be considered a complete application. **Any information listed on the checklist that is not included in the application will result in an automatic deduction of 5 points in the evaluation.** If additional space is needed to fully complete a section, please attach separately. County governments, municipalities, water supply authorities, and other interested public and private entities as determined eligible may apply.

A. BASIC INFORMATION																			
A-1	NAME OF ENTITY / ORGANIZATION: St. Johns County Board of Commissioners PROJECT NAME (please see below): Porpoise Point Drainage Improvements																		
A-2	Contact information of project manager or contact person: <i>(The District will send correspondence concerning this application ONLY to this person)</i> Name/title: John Burnham, Project Manager Email address: jburnham@sjcfl.us Mailing address: 2750 Industry Center Road, St. Augustine, FL 32084 Office Phone: (904)209-0122 Mobile Phone: (904)484-8826																		
A-3	Contact information of person with authority to enter into a contractual agreement, if other than project manager or contact person: If same as A-2 above, do not complete this section. Name/title: Duane Kent, County Engineer Email address: rkent@sjcfl.us Mailing address: 2750 Industry Center Road, St. Augustine, FL 32084 Office Phone: (904)209-0113 Mobile Phone: (904)417-5999																		
A-4	What County is this project located? <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> Alachua</td> <td><input type="checkbox"/> Baker</td> <td><input type="checkbox"/> Bradford</td> <td><input type="checkbox"/> Brevard</td> <td><input type="checkbox"/> Clay</td> <td><input type="checkbox"/> Duval</td> </tr> <tr> <td><input type="checkbox"/> Flagler</td> <td><input type="checkbox"/> Indian River</td> <td><input type="checkbox"/> Lake</td> <td><input type="checkbox"/> Marion</td> <td><input type="checkbox"/> Nassau</td> <td><input type="checkbox"/> Orange</td> </tr> <tr> <td><input type="checkbox"/> Osceola</td> <td><input type="checkbox"/> Putnam</td> <td><input type="checkbox"/> Seminole</td> <td><input checked="" type="checkbox"/> St. Johns</td> <td><input type="checkbox"/> Okeechobee</td> <td><input type="checkbox"/> Volusia</td> </tr> </table>	<input type="checkbox"/> Alachua	<input type="checkbox"/> Baker	<input type="checkbox"/> Bradford	<input type="checkbox"/> Brevard	<input type="checkbox"/> Clay	<input type="checkbox"/> Duval	<input type="checkbox"/> Flagler	<input type="checkbox"/> Indian River	<input type="checkbox"/> Lake	<input type="checkbox"/> Marion	<input type="checkbox"/> Nassau	<input type="checkbox"/> Orange	<input type="checkbox"/> Osceola	<input type="checkbox"/> Putnam	<input type="checkbox"/> Seminole	<input checked="" type="checkbox"/> St. Johns	<input type="checkbox"/> Okeechobee	<input type="checkbox"/> Volusia
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<p>A-5</p>	<p>What Water Supply Planning Region is this project located (<i>Refer to map at https://www.sjrwmd.com/water-supply/planning/</i>)</p> <p><input checked="" type="checkbox"/> North Florida (North Florida Regional Water Supply Partnership/North Florida Water Initiative)</p> <p><input type="checkbox"/> Central Springs and East Coast</p> <p><input type="checkbox"/> Central Florida (Central Florida Water Initiative)</p>						
<p>A-6</p>	<p>TMDLs, BMAPs, RAPs, WBIDs, MFLs, and Springs</p> <p>a. Is the project located in an area that has an established Total Maximum Daily Load (TMDL) or Basin Management Action Plan (BMAP)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, provide the name of the TMDL waterbody, BMAP, and WBID(s). If no, just provide the WBID(s). Refer to FDEP's interactive map at https://ca.dep.state.fl.us/mapdirect/?focus=tmdlvi.</i></p> <table border="1" data-bbox="224 634 1427 872"> <tr> <td data-bbox="224 634 597 719">Name of TMDL Waterbody:</td> <td data-bbox="597 634 1427 719"></td> </tr> <tr> <td data-bbox="224 719 597 793">Name of BMAP:</td> <td data-bbox="597 719 1427 793"></td> </tr> <tr> <td data-bbox="224 793 597 872">WBID(s):</td> <td data-bbox="597 793 1427 872"></td> </tr> </table> <p>Is the project specifically named in the BMAP identified above? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, provide the BMAP project number (e.g., VC-3 or LM-4). Be sure that your project name corresponds to the BMAP project name. If your project is part of a BMAP project but is not identical, please provide the BMAP project name and project number that most closely corresponds to your project and explain the relationship between the two in section B-2.</i></p> <p>b. Does the project benefit a water body with an established Minimum Flows & Levels (MFL)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name of MFL Waterbody:</p> <p>Prevention/Recovery Strategy implemented for the MFL Waterbody above? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, provide the name of the Prevention/Recovery Strategy</i></p> <p>c. Does the project benefit a spring? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Volusia Blue <input type="checkbox"/> Silver <input type="checkbox"/> Wekiwa/Rock <input type="checkbox"/> DeLeon <input type="checkbox"/> Gemini <input type="checkbox"/> Other:</p> <p>Is the project located in a Priority Focus Area (PFA) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Is the project is listed in a Prevention Strategy for the implementation of Minimum Flows and Levels? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	Name of TMDL Waterbody:		Name of BMAP:		WBID(s):	
Name of TMDL Waterbody:							
Name of BMAP:							
WBID(s):							
<p>A-7</p>	<p>Is the Applicant a Rural Economic Development Initiative (REDI) Community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please attach a signed Waiver of Matching Funds Letter</i></p>						
<p>A-8</p>	<p>For County or Municipal applicants: Have you adopted the District's model Landscape Irrigation Ordinance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> In Progress</p>						

	<p>For utilities, do you have a water conservation rate structure or condition of service to address irrigation conservation? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> In Progress</p>
<p>A-9</p>	<p>Has the project been submitted under a previous District cost-share program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please provide the date(s) and project name(s) of previous submittal(s).</p>
<p>A-10</p>	<p>Is the project located within the coastal building zone as defined in Subsection 161.54(1), Florida Statutes? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please attach, in Section D, a Sea Level Impact Project (SLIP) Study as established in Subsection 161.551(3), Florida Statutes.</p>
<p>B. PROJECT INFORMATION</p>	
<p>B-1</p>	<p>PROJECT TYPE <i>Check the primary core mission and provide evidence in Section B-3.</i> <input type="checkbox"/> Water Supply <input type="checkbox"/> Water Conservation <input type="checkbox"/> Water Quality <input checked="" type="checkbox"/> Flood Protection <input type="checkbox"/> Natural Systems</p>
<p>B-2</p>	<p>PROJECT DESCRIPTION (Scoring Criterion #1) a. Short Description: <i>Succinctly describe the project, e.g. what is being constructed or what is the program to be implemented? Attach supporting documentation if necessary.</i> The preferred option is to identify, design, and construct a positive gravity outfall for the drainage system. The outfall could have a backflow preventer designed to stop beach sand from clogging or blocking stormwater release.</p>

b. Measures of Success: *Describe how you will measure the effectiveness of your project.*

Lengthy roadway inundations have been documented in this area for many years; often the inundation prevents ingress/egress to dozens of homes including emergency and utility restoration services. Reducing the frequency, intensity, and duration of such events would be a key measurement of success.

c. Is this project multi-phased or part of a larger overall effort? If so, describe the larger project. *The overall master plan identifying each phase should be described, along with a summary of the status of the previous phase(s), whether complete or not. The summary should contain, at a minimum, whether the previous phase(s) received District cost-share funding, percent complete of the phase(s), and an updated schedule for completion as well as reasons for any schedule delays.*

The construction of these proposed improvements will be completed in a single phase.

d. Describe the location and include a map. The map should identify any potentially affected MFL, TMDL, BMAP, impaired water bodies or other affected wetlands or springs. Please see attached map in Section D as requested.

<p>e. Coordinates for the project in decimal degrees to 6 places. Use centroid for large area project area: Latitude: 29.913558 Longitude: -81.296817</p>
<p>B-3 BENEFITS TO DISTRICT MISSIONS (Scoring Criterion #2) <i>Describe the benefits to one or more of the District's main missions (Water Supply/Conservation, Water Quality, Flood Protection and/or Natural Systems). Clearly identify the primary and secondary mission benefits. Attach separate pages if necessary. Refer to the Funding Guidance Manual for additional pertinent information that should be included with your application.</i></p> <p>Primary benefit: The primary benefit will be faster recovery time from flooding events; there have been several documented storm events which have negatively impacted the neighborhood and dozens of homes. Ingress/egress to the neighborhood has been severely hampered during both named hurricane events, and other lower magnitude storms. The primary goal of these proposed improvements is to accelerate the removal of stormwater from the neighborhood by constructing a point of legal positive outfall.</p>

	<p>Secondary benefit(s), if applicable:</p>	
<p>B-4</p>	<p>If the Project is for Water Resource Development or Alternative Water Supply Development identify the source water <i>(check all that apply)</i>:</p> <ul style="list-style-type: none"><input type="checkbox"/> Fresh Groundwater<input type="checkbox"/> Brackish Groundwater<input type="checkbox"/> Stormwater<input type="checkbox"/> Reclaimed Water<input type="checkbox"/> Surface Water: Identify surface water body:<input type="checkbox"/> Brackish Surface Water: Identify surface water body:<input type="checkbox"/> Other: Identify Source:	

B-5	<p>For Septic-to-Sewer Projects:</p> <p>a. How many residential and/or commercial septic tanks are proposed to be abandoned?</p> <p>Residential: _____ Commercial: _____</p> <p>If the tank(s) are commercial or multi-family, provide the capacity (daily flow) of the tank.</p>	
	<p>b. Proof of participation.</p> <p>How many letters of commitment have you obtained? Upload copies of all commitment letters. Percent commitment: _____</p> <p>Do you have a local ordinance, in accordance with Subsection 381.00655, Florida Statutes, that requires mandatory hookup after written notification of sewerage availability? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> In Progress</p>	
	<p>c. Is the project located within a Priority Focus Area of a springshed, or within ¼ mile of the ultimate receiving surface water body, or within a ¼ mile of a drainage ditch or canal that eventually terminates at the receiving surface water body?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
	<p>d. Provide the name of the wastewater treatment plant the sewer will be connected.</p> <p>Is the wastewater treatment plant providing advanced wastewater treatment (AWT)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>What type of treated wastewater disposal type is used (RIB, sprayfield, reuse?).</p>	
B-6	<p>District Permit Information: <i>If the applicant has an SJRWMD-issued Consumptive Use Permit and or an Environmental Resource Permit for the project site, provide the following:</i></p>	
	Permit Type:	Permit #
	General	156935-2
		Expir. date/Compliant (yes/ no)
		08/30/2024 Yes

<p>B-7</p>	<p>Project Likelihood of Successful Completion (Scoring Criterion #3)</p>		
	<p>a. Project Readiness: <i>Check all that apply and supply requested dates (month/day/year) and attach a detailed project construction schedule. Include documentation that demonstrates that the construction start date is realistic (e.g. critical milestones, commission approval dates, procurement timeline, etc.).</i></p>		
	<p>Current % Complete</p>	<p>Start Date</p>	<p>Completion Date</p>
<p>Planning</p>	<p>100</p>	<p>6/1/2019</p>	<p>7/1/2019</p>
<p>Design</p>	<p>90</p>	<p>11/30/2020</p>	<p>2/28/2021</p>
<p>Permitting</p>	<p>90</p>	<p>6/1/2019</p>	<p>5/1/2021</p>
<p>Bidding</p>	<p>0</p>	<p>7/1/2021</p>	<p>9/1/2021</p>
<p>Construction</p>		<p>10/1/2021</p>	<p>12/31/2021</p>
<p>Future Phases</p>			
<p>Other</p>			
<p>b. Local Government / Public Support: <i>Describe the public support for your project (meetings attended, community workshops, presentations to councils, notification in newsletters, etc.). If your project requires participation from certain communities or homeowners, provide a description of methods used to ensure participation in your project. Provide the percentage of participation that can be documented at the time of the application.</i></p> <p>The St. Johns County Board of Commissioners has previously committed significant funding specifically to provide relief to the recurring flooding in this area. Many meetings have been held with affected citizens over several years, and coordination for securing easements and similar issues has been ongoing.</p>			
<p>B-8</p>	<p>Applicant has identified all required permits necessary for project construction and has indicated whether any property needed is under its ownership or control.</p>		
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>			

C. PROJECT COST INFORMATION

C-1

a. Breakdown of project cost

Attach a table or spreadsheet with detailed project costs for each task or segment of the project. The District will contribute only to the construction costs of the project; however, the table should detail all project costs. Indicate at the end of the table/spreadsheet, a cost effectiveness evaluation as described below.

b. Cost-share request funding table

The District's cost-share (4.) cannot exceed 25% of the total construction cost (1.) for Alternative Water Supply, Water Quality, Flood Protection and Natural Systems projects and 50% for Water Conservation projects. REDI communities that have submitted a waiver, however, can be reimbursed up to 100% of total construction cost. There is a \$3,000,000 maximum cost-share request per project or per entity.

	Year 1	Year 2	Total
1. Total Estimated Construction Cost:	\$360,000	\$0	\$360,000
2. Other Costs (includes capital, land acquisition, planning, design, permitting & bidding costs)			
3. Total Project Costs:	\$360,000		
4. Cost-share amount requested:	\$90,000		
Cost-share percentage:	25 %		
5. Estimated Applicant's Annual Operation & Maintenance Costs:	\$500		
6. Estimated Service life of components:	25	years	

c. Funding Sources: *Identify the Applicant's funding contribution and all other outside sources of funding including State or Federal appropriations, grant monies, or municipal bonds. Include the status of the specified funding.*

Funding Source	Amount	% Match	Funding Status
BCC - local government	\$270,000	75%	Confirmed
Total	\$270,000	75%	

The District would like to recognize in-kind financial contributions for REDI communities requesting 100% funding of the construction costs. Describe your in-kind contribution and estimate the monetary value of that contribution.

N/A

d. Project partners: Check one below and if multi-jurisdictional include the percent of funding to be contributed by each partner.

Single entity

Multi-jurisdictional (attach copy of partnership agreement or memorandum of understanding, if available, and includes status of agreement).

Identify other partners:

Quantification of Project Benefits: District staff will quantify benefits for Septic to Sewer projects, Flood Protection Projects and projects-benefiting MFL water bodies using the information provided below and in B-2 and B-3.

Show all work and include assumptions for calculation of quantified benefits. Accepted engineering methods should be used to estimate project benefits, and backup information showing any calculations must be provided. Attach additional pages as needed. Note, if your project is specifically listed within a BMAP, provide the credited nutrient reduction value associated with the project within the BMAP.

For Water Supply Projects:

_____ MGD alternative water supplied

For Water Supply/Conservation Projects:

_____ MGD conserved

For Water Quality Projects:

_____ Lbs/year TN removed/reduced annually

_____ Lbs/year TP removed/reduced annually

	<p>For Natural Systems Projects:</p> <p>_____ Acres Wetlands Restored/Enhanced</p> <p>_____ Acres Uplands Restored/Enhanced</p> <p>_____ Linear feet of shoreline Restored/Enhanced</p>																											
	<p>For projects that benefit MFL waterbodies:</p> <p>_____ MGD of water recharged</p> <p>_____ MGD of alternative source to offset withdrawals.</p>																											
	<p>For Flood Protection Projects:</p> <p>_____ Acres protected from flooding</p> <p>Annual Exceedance probability As is: 1/ _____ years</p> <p>After project implementation: 1/ _____ years</p>																											
C-3	<p>Cost Effectiveness (Scoring Criterion #4)</p> <p><i>Cost effectiveness is calculated based on Total Project Cost, Annual Operation & Maintenance Costs, Estimated Service life of components (entered in section C-1b), Quantification of Project Benefits (entered in section C-2), and 2.875% Federal Water Resource Planning Discount Rate. Cost Effectiveness Calculator and all appropriate supporting documentation can be found at www.sjrvmd.com/funding/</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Water Supply:</td> <td style="width: 45%;">_____</td> <td style="width: 30%;">per 1000 gallons made available</td> </tr> <tr> <td>Water Conservation:</td> <td>_____</td> <td>per 1000 gallons conserved</td> </tr> <tr> <td rowspan="2">Water Quality:</td> <td>_____</td> <td>per lb TN removed</td> </tr> <tr> <td>_____</td> <td>per lb TP removed</td> </tr> <tr> <td rowspan="3">Natural Systems:</td> <td>_____</td> <td>per acre wetland restored/enhanced</td> </tr> <tr> <td>_____</td> <td>per acre upland restored/enhanced</td> </tr> <tr> <td>_____</td> <td>per ft. shoreline restored/enhanced</td> </tr> <tr> <td>Flood Protection:</td> <td>_____</td> <td>per acre protected from flooding</td> </tr> <tr> <td rowspan="2">MFL</td> <td>_____</td> <td>per 1000 gallons of water recharged</td> </tr> <tr> <td>_____</td> <td>per 1000 gallons of alternative source to offset withdrawals</td> </tr> </table> <p>**District staff will calculate the benefits for Septic to Sewer, Flood Protection, and MFL projects based on the information provided in sections C-1 and C-2 of the application.</p>		Water Supply:	_____	per 1000 gallons made available	Water Conservation:	_____	per 1000 gallons conserved	Water Quality:	_____	per lb TN removed	_____	per lb TP removed	Natural Systems:	_____	per acre wetland restored/enhanced	_____	per acre upland restored/enhanced	_____	per ft. shoreline restored/enhanced	Flood Protection:	_____	per acre protected from flooding	MFL	_____	per 1000 gallons of water recharged	_____	per 1000 gallons of alternative source to offset withdrawals
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** To fit text in space available, all line breaks in text entries are replaced with " | " .