

Springs Coast Steering Committee

FY22 Springs Funding Process & FY21 Proposed Meeting Dates

July 29, 2020

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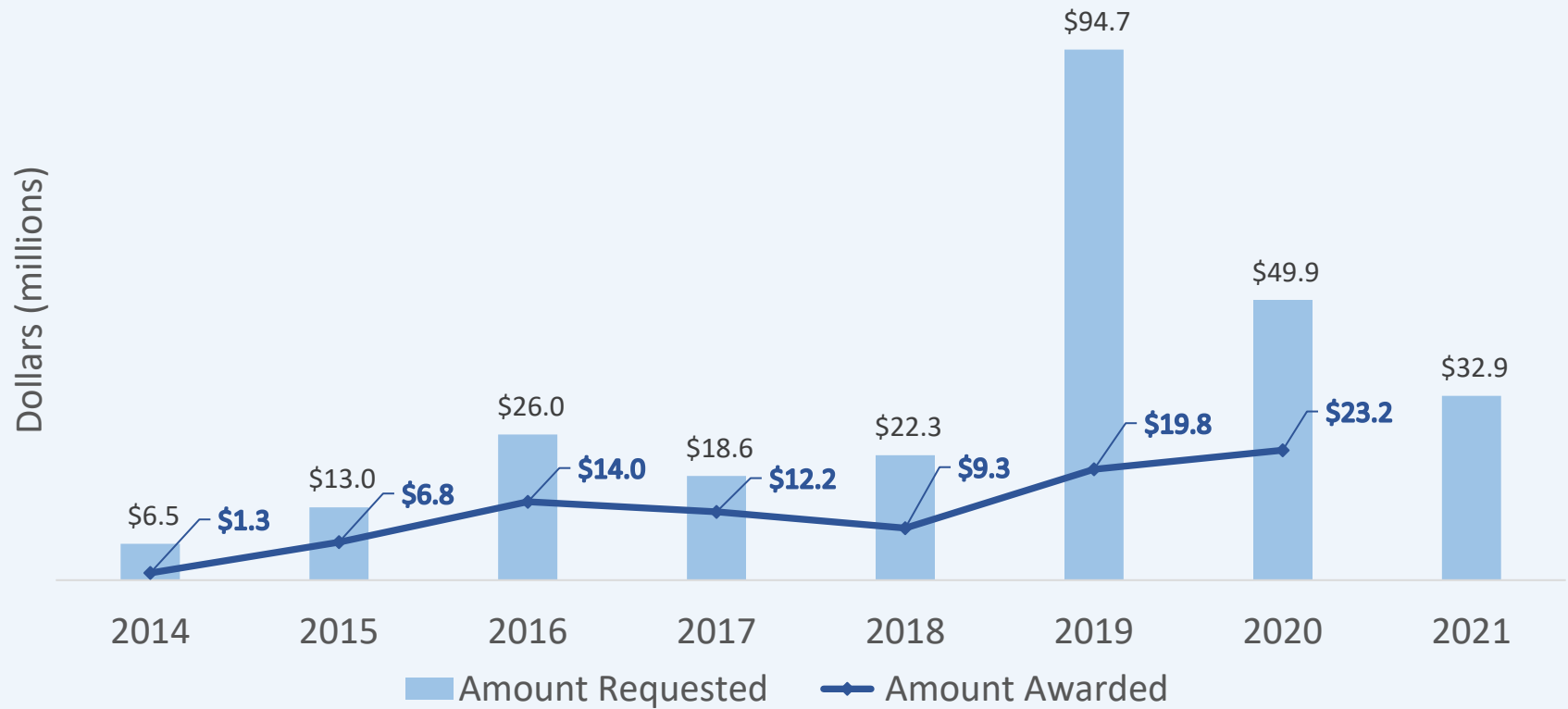
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Agenda

- Review FY21 Funding Requests
- Review and Approve FY22 Springs Funding Process
 - Application
 - Evaluations
 - Prioritization
- Approve Future Meeting Dates

FDEP Springs Funding Summary for SWFWMD Region

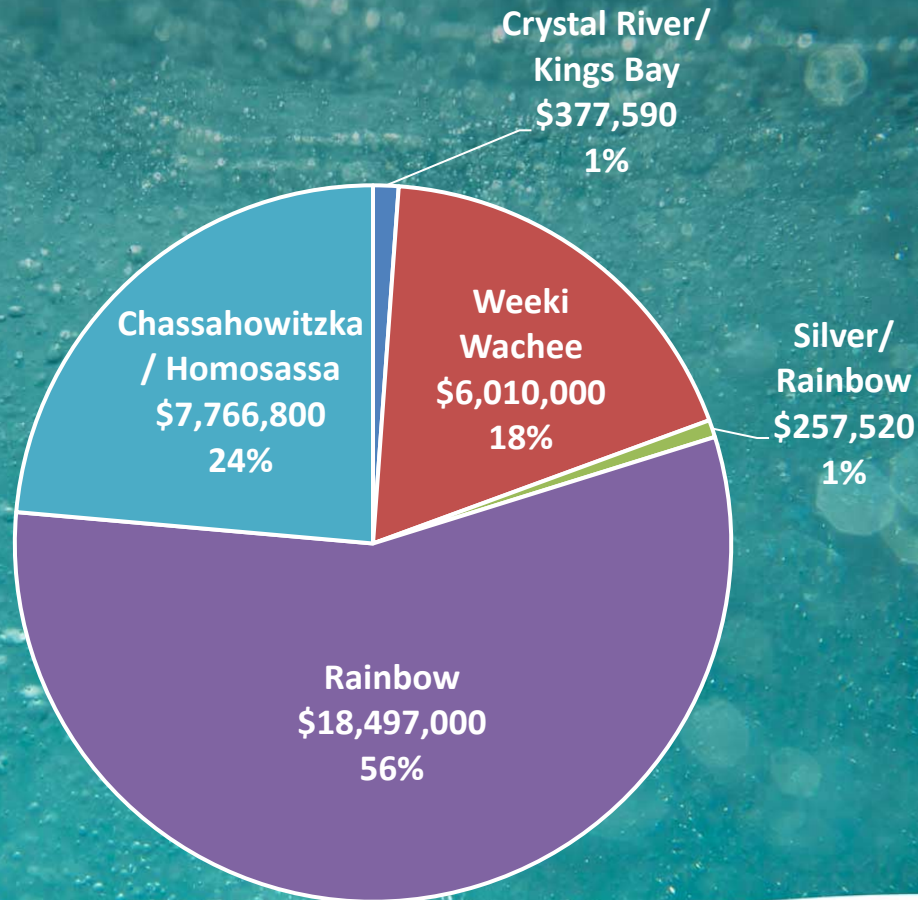


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FY21 FDEP Request Summary by BMAP



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Proposed Application

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Springs Coast Steering, Management and Technical Committees

There are more than 200 documented springs throughout the District. However, most individual springs cluster around 16 groups of springs, five of which are classified as first-magnitude groups based on the amount of water they discharge.

While recognizing the need to manage all springs, the District places a priority on the five first-magnitude spring groups: Rainbow, Crystal River/Kings Bay, Homosassa, Chassahowitzka, and Weeki Wachee. These spring groups, located in or discharging to an area known as the Springs Coast, collectively discharge more than one billion gallons per day.


Each spring system in the Springs Coast region is a unique, complex system with different sets of challenges, so each one will require different management techniques. To address these issues, the District invited local, regional and state agencies to form the Springs Coast Steering Committee (SCSC). The first goal of the SCSC is to develop management plans tailored for each spring system to identify issues, solutions, costs and responsibilities.

To assist in the effort, the SCSC has created the Springs Coast Management Committee (SCMC) to review technical data and make recommendations to the SCSC. The SCMC is composed of representatives from the founding organizations of the SCSC, along with other involved stakeholder groups. (See list below.)

Public Meetings Information »

Springs Coast Steering Committee Members

Agency	Representative Title
City of Crystal River	Robert Holmes City Council Member
Citrus County	Scott Carnahan County Commissioner

**Springs Dashboards**

View at-a-glance data on the first magnitude springs:

- Chassahowitzka Springs
- Homosassa Springs
- Kings Bay Springs
- Rainbow Springs
- Weeki Wachee Springs

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For more information, email the Springs Team »

Public Meetings Information »

Menu → Programs and Projects → Springs in West Central Florida → Springs Coast Steering, Management and Technical Committees link



Download application from link that will be placed on the SWFWMD SCSC Website



FY2022 Springs Funding Application
For a pre-application meeting
contact Frank Gargano.

Proposed Application

FY2022 FDEP Springs Funding Application for Projects within the Southwest Florida Water Management District

This application should be completed and emailed with the appropriate calculations and map to Lisa.Laupert@swfwmd.state.fl.us by 5:00PM on October 2, 2020.

Applicant Information

Entity Name:

Is the Entity designated as an economically disadvantaged community? ☐ Yes ☒ No

Project Manager Name:

Project Manager Address:

Project Manager Phone Number:

Project Manager Email Address:

Project General Information

Project Name:

Project Type:

Project Benefit

Quantity of Water Made Available (mgd):

Land Acquisition (acres):

Nitrogen Reduced (lbs/year):

Sediment Reduced (lbs/year):

Email Lisa Laupert (SWFWMD)
by 5:00PM October 2, 2020

- Complete application form
- Benefit calculations
- Location map
- Supplemental questions for evaluation

Final Evaluation



Project No.: #P19-4	Hernando Co Airport WWTF Full Expansion			FY2020	
Project Type	Wastewater Collection & Treatment		Multiyear Contract Yes		
DESCRIPTION					
Description	Design, permitting and construction of a 3.8 MGD expansion of the County's Airport Wastewater Treatment Plant going from 3.5 MGD to 6.5 MGD. Funding is requested for plant expansion to accept flows from the pending decommissioning of Spring Hill WWTF and upgrading to AWT is not included in this funding request.				
Cash	Total project cost: \$26,000,000 (design, permitting, and construction) Hernando County share: \$10,500,000 in FY2020 and \$10,500,000 in future years CDRP share: \$0 PDEF share: \$2,500,000 requested in FY2020 and \$2,500,000 requested in future years				
PROJECT INFORMATION					
Spring Information	High	Weeks Washes Springs is anticipated to receive the benefit from this project and is designated as an Outstanding Florida Site. It is approximately 7 miles northeast from the project location. The project is located within the Weeks Washes Springs BMAP boundary. It is located within the PFA boundary.			
Project Benefit	High	The benefit of this project will be the reduction of pollutant loads by an estimated 14,140 lbs/yr TN.			
Cost Effectiveness	High	The estimated cost for this project is \$6.015/TN.			
Related Strategies	High	This project is listed in the Weeks Washes Springs BMAP list of projects. The Weeks Washes River has an existing MPL.			
Local Match	Yes				
Project Start/End	High	The project is anticipated to begin in 2019 and be completed in 2021			
OVERALL RANKING					
High	This project is recommended to be forwarded to PDEF for FY2020 springs funding consideration.				
FUNDING					
Funding Source	Priority	FY2020	Future	Total	
Hernando County	\$	—	\$ 10,500,000	\$ 10,500,000	\$ 21,000,000
CDRP	\$	—	\$ —	\$ —	\$ —
PDEF	\$	—	\$ 2,500,000	\$ 2,500,000	\$ 5,000,000
Total	\$	—	\$ 13,000,000	\$ 13,000,000	\$ 26,000,000

RECOMMENDED PROJECTS ONLY

FDEP FINAL SUBMISSION

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	
Funds in Specific Appropriation 1605 may be used for land acquisition to protect springs and for capital projects that protect the quality and quantity of water that flow from springs.																	
I. Contact Information				II. Spring Information			III. Project Information							IV. Water Quality			
County	Lead Water Management District Name	Local Government	WMD Project Manager Name, Phone and Email	Spring Name	Does the Spring have an Impairment? If so, does it have a BMAP?	Does the Spring have an MFL, and, if so, is it in recovery or prevention?	Project Name	County	Project Location - Latitude of project	Project Location - Longitude of project	Project Type	Project description	Is the Project Listed in a BMAP (or Annual Update)?	Is the Project Listed in a Recovery/Prevention Strategy or Identified in a Regional Water Supply Plan as Benefiting an MFL?	Does this Project Have Water Quality Benefits?	N Reduced (lb/day)	Secluded II
			Josh Maden, 352-796-7211 x 4197, Josh.Madden@swfwmd.state.fl.us	Chassahowitzka and Homosassa	BMAP or RAP	MFL - Meeting	Springs - Citrus County Old Homosassa West Septic to Sewer Project	Citrus	28.78266	-82.61637	Wastewater collection and treatment	The project is for the design, permitting, and construction of a regional wastewater collection system necessary for construction of existing residential homes in the Old Homosassa area of the Homosassa springshed. If constructed, a minimum of 95 existing septic systems will convert to County sanitary sewer.	Yes	No	Yes	907	
	37	Southwest	Citrus County														

CATEGORIES

PROJECT INFORMATION		
Spring Information:	Rank	
Project Benefit:	Rank	
Cost Effectiveness:	Rank	
Related Strategies:	Rank	
Local Match	Rank	
Project Readiness:	Rank	
OVERALL RANKING		
	Rank	
FUNDING		

Water Quality Criteria

Category	Ranking	Definition	Criteria
SPRING INFORMATION	High	All three criteria apply	1-Benefitting spring an OFS?
	Medium	Only 2 criteria apply	2-Project location within a BMAP Boundary?
	Low	Only 1 or none of the criteria apply	3-Project location within a PFA boundary?
PROJECT BENEFIT	High	Top 1/3 applications	Applications sorted by descending order for Nitrogen Reduction
	Medium	Middle 1/3 applications	
	Low	Bottom 1/3 applications	
COST EFFECTIVENESS	High	Top 1/3 applications	Applications sorted by ascending order for the estimated cost per pound of TN removed
	Medium	Middle 1/3 applications	
	Low	Bottom 1/3 applications	
RELATED STRATEGIES	High	Project meets at least one of the criteria	1-Project is listed in the BMAP list of projects or anticipated to be added in the next update
	Low	Project does not meet any of the criteria OR applicant does not require connection to available sewer	2-Benefitting spring has an existing MFL 3-Project is part of a specific water quality or water quantity improvement plan
LOCAL MATCH	High	Greater than 25%	Amount of local match
	Medium	Up to 25%	
	Low	None	
PROJECT READINESS	High	Construction is ongoing or will start before Dec 31 of the fiscal year funding is being requested	Project time frame
	Medium	Design is ongoing or will start before Dec 31 of the fiscal year funding is being requested	
	Low	Other elements must be addressed before design or construction may begin	

Water Quantity Criteria

Category	Ranking	Definition	Criteria
SPRING INFORMATION	High	All three criteria apply	1-Benefitting spring an OFS?
	Medium	Only 2 criteria apply	2-Project location within a BMAP Boundary?
	Low	Only 1 or none of the criteria apply	3-Project location within a PFA boundary?
PROJECT BENEFIT	High	Top 1/3 applications	Applications sorted by descending order for calculated anticipated volume of water (MGD rounded to the nearest tenth)
	Medium	Middle 1/3 applications	
	Low	Bottom 1/3 applications	
COST EFFECTIVENESS	High	Top 1/3 applications	Applications sorted by ascending order for the estimated cost per MGD of water made available
	Medium	Middle 1/3 applications	
	Low	Bottom 1/3 applications	
RELATED STRATEGIES	High	Project meets at least one of the criteria	1-Project is listed in the BMAP list of projects or anticipated to be added in the next update
	Low	Project does not meet any of the criteria	2-Benefitting spring has an existing MFL 3-Project is part of a specific water quality or water quantity improvement plan
LOCAL MATCH	High	Greater than 25%	Amount of local match
	Medium	Up to 25%	
	Low	None	
PROJECT READINESS	High	Construction is ongoing or will start before Dec 31 of the fiscal year funding is being requested	Project time frame
	Medium	Design is ongoing or will start before Dec 31 of the fiscal year funding is being requested	
	Low	Other elements must be addressed before design or construction may begin	

FY 2021

Prioritization Matrix

Total Score for Project > 94: High
 Total Score for Project 94 – 67: Medium
 Total Score for Project < 67: Low



Prioritization Matrix		Weighting		7	10	10	5	3	5		
		Highest Score		High	High	High	High	High	High	120	
		Lowest Score		Low	Low	Low	Low	Low	Low	40	
Current Rank	Project Nbr	Applicant	Project Name	SPRING INFORMATION	PROJECT BENEFIT	COST EFFECTIVENESS	RELATED STRATEGIES	LOCAL MATCH	PROJECT READINESS	Total Score	Overall Ranking
1	APP10	Hernando	Glen Water Reclamation Facility Denitrification	High	High	High	High	High	High	120	HIGH
2	APP04	FGUA	Rainbow River - Rio Vista Septic to Sewer	High	High	High	High	Low	Low	104	HIGH
3	APP12	Inverness	44 West Sewer Extension	Medium	Medium	High	High	Medium	High	100	HIGH
4	APP01	Bay Laurel	On Top of the World North Advanced WWTF	Medium	High	Medium	High	High	Medium	98	HIGH
5	WW09	Hernando	Septic to Sewer District A Phase 1	High	High	Low	High	Medium	High	97	HIGH
6	APP13	Inverness	41 North Sewer Extension	Medium	Medium	Medium	High	Medium	Medium	85	MED
7	APP05	FGUA	Burkitt Road Septic to Sewer	High	Low	High	High	Low	Low	84	MED
8	APP03	Marion	Oak Bend I-75 Water Quality Improvement	Medium	Medium	Medium	Low	High	High	83	MED
9	APP06	FGUA	180th Ave Package Plant Abatement	High	Low	Medium	High	Low	Low	74	MED
9	APP14	Crystal River	Pelican Bay Package Plant Removal	High	Low	Low	High	Low	High	74	MED
11	Q155	Marion	NWRWWTF Expansion	Medium	Medium	Low	Low	High	High	73	MED
12	APP11	Inverness	South Highlands Septic to Sewer	Medium	Low	Low	High	Medium	High	70	MED

Recommendation

Approve the FY2022 Springs Funding Application, Evaluation and Prioritization Process.

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FY2021 Proposed Meeting Dates

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Proposed Detailed FY2021 Timeline

	JUL '20	AUG '20	SEP '20	OCT '20	NOV '20	DEC '20	JAN '21
Important Dates		FDEP FY21 Project Selection Springs & CFI Apps Available	Pre-app Meetings GB Approves FY21 Budget	(2) Springs & CFI Apps Due			
SCMC	(15) Approve FY22 Funding Process & Meeting Dates			(21) Raw Applications Presented		(9) Preliminary Evals Review #1	(6) Preliminary Evals Review #2
SCSC	(29) Approve FY22 Funding Process & Meeting Dates				(4) Raw Applications Presented		(27) Present Preliminary Evaluations
	FEB '21	MAR '21	APR '21	MAY '21	JUNE '21	JUL '21	AUG-SEP '21
Important Dates			(27) GB Approves FY21 Springs Funding Apps	FDEP receives approved final list	FDEP holds public meeting		(AUG) FDEP FY22 Project Selection (SEP) GB Approves FY22 Budget
SCMC	(24) Final Evals Reviewed & Approved			(26) Springs Funding Lessons Learned		(14) Approve FY23 Funding Process & Meeting Dates	
SCSC		(10) Final Evals Reviewed & Approved				(28) Approve FY22 Funding Process & Meeting Dates	

Management Committee Meetings

Dates	Objective
Jul 15, 2020	<ul style="list-style-type: none">• FY22 Kickoff• Approve: Meeting Dates• Approve: Springs Funding Process
Approved Dates	Objective
Oct 21, 2020	<ul style="list-style-type: none">• Review: Raw application information
Dec 9, 2020	<ul style="list-style-type: none">• Review: Preliminary Eval Review #1
Jan 6, 2021	<ul style="list-style-type: none">• Review: Preliminary Eval Review #2
Feb 24, 2021	<ul style="list-style-type: none">• Approve: Final Evals
May 26, 2021	<ul style="list-style-type: none">• Present: Springs Funding Lessons Learned
Jul 14, 2021	<ul style="list-style-type: none">• FY23 Kickoff• Approve: Meeting Dates• Approve: Funding Process

Steering Committee Meetings

Dates	Objective
Jul 29, 2020	<ul style="list-style-type: none">• FY22 Kickoff• Approve: Meeting Dates• Approve: Springs Funding Process
Proposed Dates	Objective
Nov 4, 2020	<ul style="list-style-type: none">• Present: Raw application information
Jan 27, 2021	<ul style="list-style-type: none">• Present: Preliminary Evals
Mar 10, 2021	<ul style="list-style-type: none">• Approve: Final Evals
Jul 28, 2021	<ul style="list-style-type: none">• FY23 Kickoff• Approve: Meeting Dates• Approve: Funding Process

Recommendation

Approve future Springs Coast Steering Committee meeting dates.

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