

Springs Coast Management Committee

FY2021 Springs Funding

March 27, 2020

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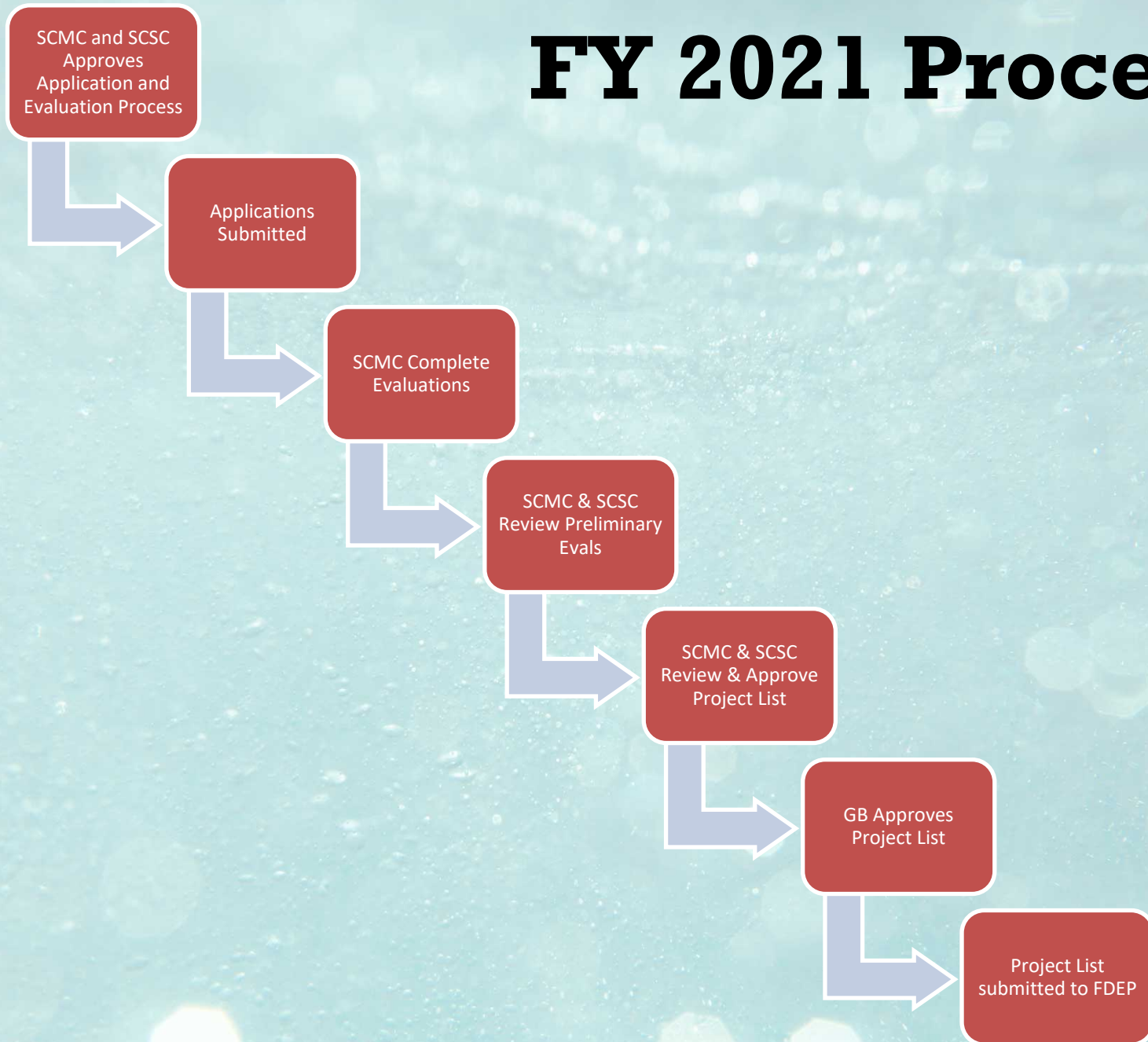
Southwest Florida
Water Management District
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Agenda

- FY2021 Springs Funding Update
- FY2021 Springs Funding Process Lessons Learned
- FY2022 Items for Consideration
- Upcoming Tasks

FY 2021 Process



Final Evaluation

FY2020 FDEP Springs Funding Application

This application should be completed and emailed with the appropriate calculations to debra.leeger@sefwpd.com by 5:00PM, October 5, 2018.

Applicant Information

Entity Name: _____

Is the Entity designated as an economically disadvantaged community? _____

Project Manager Name: _____

Project Manager Address: _____

Project Manager Phone Number: _____

Project Manager Email Address: _____

Project General Information

Project Name: _____

Project Type: Make Selection ▼

Project Benefit: Make Selection ▾

Water Quantity (mgd): _____

Water Quality (lb/year): _____

Land Acquisition (acres): _____

Is this a multiyear project? ☒ No ☐ Yes

If so, what phase is this funding request expected to cover?

Project Description (If this is a multiyear funded project, provide a description of the complete project (beginning to end) and a description explaining what phase will be covered by this funding request application)

What is the anticipated start date and end date for the work that will be conducted under this funding request?

If this is a multiyear request, provide the start and end date for each phase of the complete project.



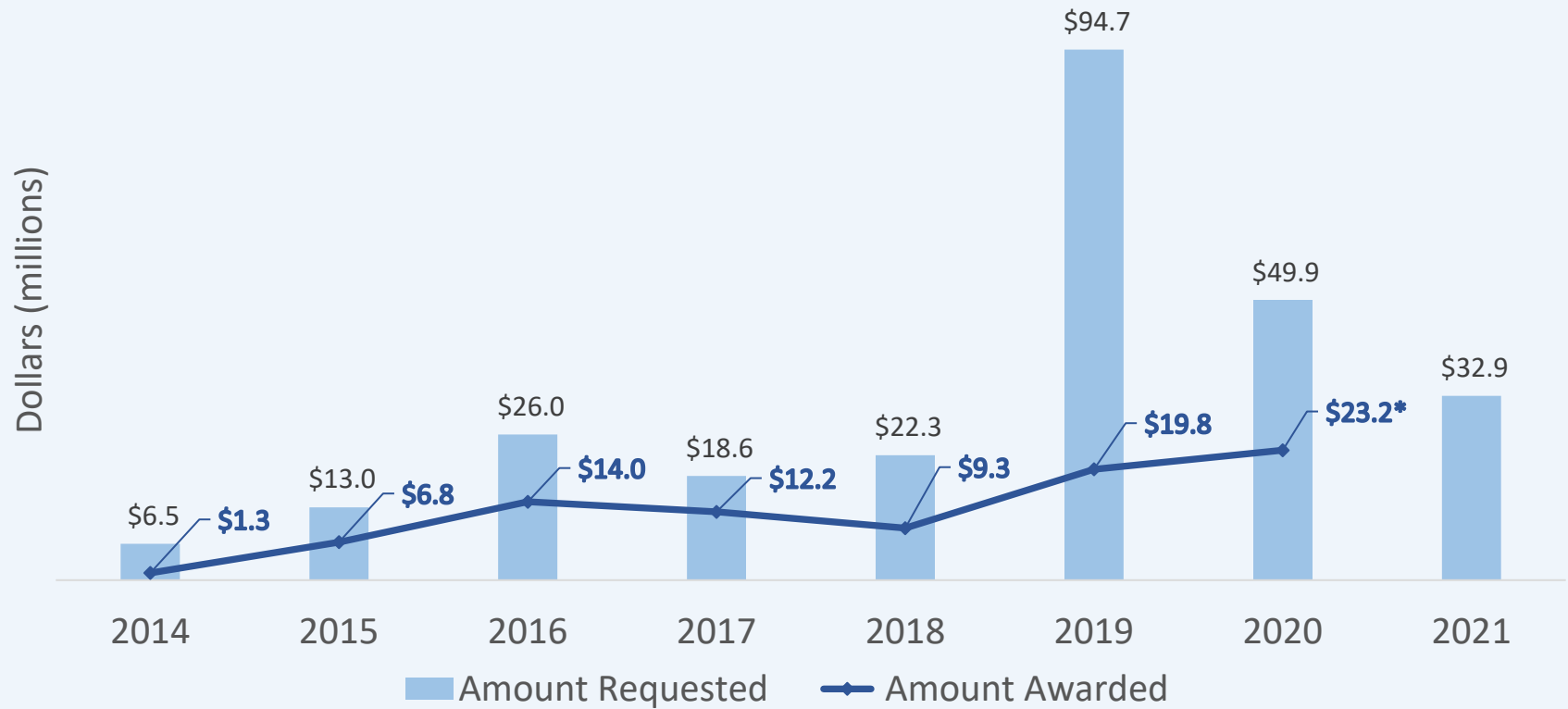
Project No.:	AP174		Hernando Co Airport WWTF Full Expansion		FY2020
Project Type	Wastewater Collection & Treatment		Multitype Contract	Yes	
DESCRIPTION					
Description:	Design, permitting and construction of a 2.6 MGDO expansion of the County's Airport Wastewater Treatment Plant going from 3.1 MGDO to 5.6 MGDO. Funding is requested for plant expansion to adjust flows from the pending decommissioning of Spring Hill WWTF and upgrading to AWWT is not included in funding request.				
Cobids:	Total project cost: 120,000,000 (design, permitting, and construction) Hernando County share: \$10,000,000 in FY2020 and \$10,500,000 in future years District share: \$0 FDFP share: \$2,500,000 requested in FY2020 and \$2,500,000 requested in future years				
PROJECT INFORMATION					
Spring Information:	High	Weeki Wachoo Springs is anticipated to receive the benefits from this project and is designated as an Outstanding Boundary Spring. It is approximately 7 miles southeast from project location. The project is located within the Weeki Wachoo Springs (BMAP boundary) is located within the PPA boundary.			
Project Benefits:	High	The benefit of this project will be the reduction of pollutant loads by an estimated 14,145 lbs/yr TN.			
Cost Effectiveness:	High	The estimated cost for this project is \$0/lb of TN.			
Related Strategies:	High	This project is listed in the Weeki Wachoo Springs (BMAP list of projects. The Weeki Wachoo River has an existing MPL.			
Local Match:	High	Yes			
Project Readiness:	High	The project is anticipated to begin in 2019 and be completed in 2021			
OVERALL RANKING					
	High				
FUNDING					
Funding Source	Prior	FY2020	Future	Total	
Hernando County	\$	-	\$ 10,500,000	\$ 10,500,000	\$ 21,000,000
District	\$	-	\$	\$	\$
FDFP	\$	-	\$ 2,500,000	\$ 2,500,000	\$ 5,000,000
Total	\$	-	\$ 13,000,000	\$ 13,000,000	\$ 26,000,000

Project No.:	APPA				
Herrando County	Herrando Co Airport WWTF Full Expansion				
Project Type	Wastewater Collection & Treatment	Multyear Contract	Yes		
Description:	<div>DESCRIPTION</div> <div>Design, permitting and construction of a 2.6 MGD expansion of the County's Airport Wastewater Treatment Plant going from 3.3 MGD to 5.9 MGD. Funding is requested for plant expansion to accept flows from the pending decommissioning of Spring Hill WWF and upgrading to AWT is not included in this funding request.</div>				
Costs:	<div>Total project cost: \$2,000,000 (design, permitting, and construction)</div> <div>Herrando County share: \$10,500,000 in FY2026 and \$10,500,000 in future years</div> <div>District share: \$0</div> <div>FDEP share: \$2,500,000 requested in FY2026 and \$2,500,000 requested in future years</div>				
PROJECT INFORMATION					
Springs Information:	High	Weeki Wachee Springs is anticipated to receive the benefit from this project and is designated as an Outstanding Florida Spring. It is approximately 7 miles northeast from the project location. The project is located within the Weeki Wachee Springs BMPAP boundary. It is located within the PFA boundary.			
Project Benefits:	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 \$8.10/b of TN.			
Related Strategies:	High	This project is listed in the Weeki Wachee Springs BMPAP list of projects. The Weeki Wachee River has an existing MFL.			
Local Match:	High	Yes			
Project Readiness:	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 FDEP for FY2026 springs funding consideration.			
FUNDING					
Funding Source	Price	FY2026	Future	Total	
Herrando County	\$	\$	10,500,000	\$	21,000,000
District	\$	\$	\$	\$	-
FDEP	\$	\$	2,500,000	\$	2,500,000
Total	\$	\$	13,000,000	\$	28,000,000

RECOMMENDED PROJECTS ONLY

[illegible]

FDEP Springs Funding Summary for SWFWMD Region

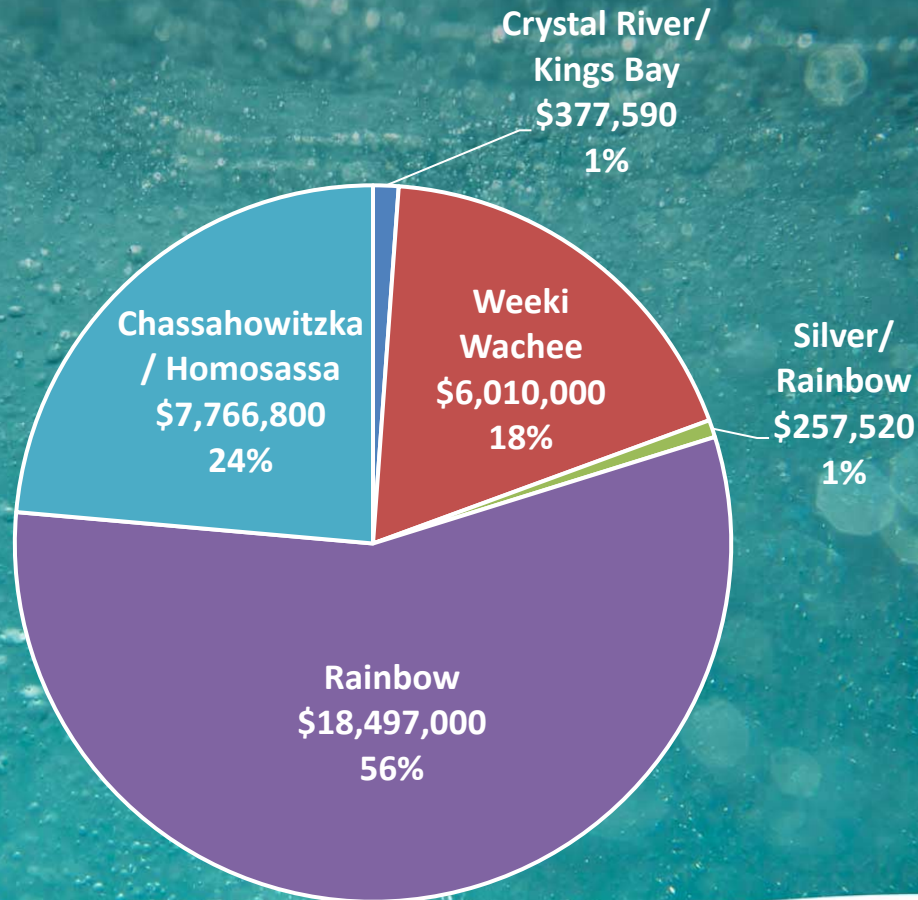


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FY21 FDEP Request Summary by BMAP



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Detailed FY2021 Timeline

	JUL '19	AUG '19	SEP '19	OCT '19	NOV '19	DEC '19	JAN '20
Important Dates		FY20 Project Selection Announced CFI Applications Available	Preapplication Meetings	CFI Applications Due Springs Funding Applications Due			
SCMC		Approve FY21 Funding Process & Meeting Dates		Raw Applications Presented		Preliminary Evals Review #1	Preliminary Evals Review #2
SCSC		Approve FY21 Funding Process & Meeting Dates			Raw Applications Presented		Present Preliminary Evaluations
	FEB '20	MAR '20	APR '20	MAY '20	JUNE '20	JUL '20	AUG-SEP '20
Important Dates			GB Approves FY21 Springs Funding Apps	FDEP receives final application list			FDEP Announces Funded FY21 Projects (AUG) GB Approves FY21 Budget (SEP)
SCMC	Final Evals Reviewed & Approved			Springs Funding Lessons Learned		Approve FY22 Funding Process & Meeting Dates	
SCSC		Final Evals Approved				Approve FY22 Funding Process & Meeting Dates	

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 within the funding calendar year	Project time frame
	Medium	Design is ongoing or will start within the funding calendar year	
	Low	Other elements must be addressed before design 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 ascending order for calculated anticipated volume of water (MGD rounded to nearest tenth)
	Medium	Middle 1/3 applications	
	Low	Bottom 1/3 applications	
COST EFFECTIVENESS	High	Top 1/3 applications	Applications sorted by descending 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 within the funding calendar year	Project time frame
	Medium	Design is ongoing or will start within the funding calendar year	
	Low	Other elements must be addressed before design 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

Lessons Learned

Discussion Items	Worked Well	Challenge	Suggested Change	Notes
Pre-application meetings				
Application				
Preliminary Evaluations				
Final Evaluations				
FDEP Spreadsheet				

Items for Consideration

- CFI Northern Committee request
- Package Plant Nitrogen Savings
- Project Readiness Language

Category	Ranking	Definition (current)	Definition (proposed)
PROJECT READINESS	High	Construction is ongoing or will start within the funding calendar year	Construction is ongoing or will start before December 31 of the fiscal year the funding is being requested.
	Medium	Design is ongoing or will start within the funding calendar year	Design is ongoing or will start before December 31 of the fiscal year the funding is being requested.
	Low	Other elements must be addressed before design may begin	Other elements must be addressed before design or construction may begin

Upcoming Tasks

- Approve FY2022 Springs Funding Evaluation Process
- Approve FY2022 Ranking Criteria and Prioritization
- Set meeting schedule for FY2021, impactful dates listed

JUN '20	JUL '20	AUG '20	SEP '20	OCT '20	NOV '20	DEC '20	JAN '21
	(15) SCMC Meeting (29) SCSC Meeting	FY21 Springs Funding Apps Available		(2) Applications Due			
FEB '21	MAR '21	APR '21	MAY '21	JUN '21	JUL '21	AUG '21	SEP '21
CFI Preliminary Regional Committee Mtg		CFI Final Regional Committee Mtg GB Approves Recommended Project List	FDEP receives Recommended Project List			Tentative: FDEP Announces Funded Projects (AUG)	GB Approves Budget (SEP)

Management Committee Meetings

Proposed Dates	Objective
Aug 21, 2019	<ul style="list-style-type: none">• FY21 Kickoff• Approve: Meeting Dates• Approve: Funding Process
Oct 23, 2019	<ul style="list-style-type: none">• Review: Raw application information
Dec 11, 2019	<ul style="list-style-type: none">• Review: Preliminary Eval Review #1
Jan 8, 2020	<ul style="list-style-type: none">• Review: Preliminary Eval Review #2
Feb 26, 2020	<ul style="list-style-type: none">• Approve: Final Evals
May 27, 2020	<ul style="list-style-type: none">• Present: Springs Funding Lessons Learned
July 15, 2020	<ul style="list-style-type: none">• FY22 Kickoff• Approve: Meeting Dates• Approve: Funding Process

Steering Committee Meetings

Proposed Dates	Objective
Aug 28, 2019	<ul style="list-style-type: none">• FY21 Kickoff• Approve: Meeting Dates• Approve: FY21 Funding Process
Nov 13, 2019	<ul style="list-style-type: none">• Present: Raw application information
Jan 29, 2020	<ul style="list-style-type: none">• Present: Preliminary Evals
March 18, 2020	<ul style="list-style-type: none">• Approve: Final Evals
July 29, 2020	<ul style="list-style-type: none">• FY22 Kickoff• Approve: Meeting Dates• Approve: FY22 Funding Process