

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Springs Coast Management Committee

FY2023 FDEP Springs Funding Update & Lessons Learned

May 25, 2022

Southwest Florida
Water Management District

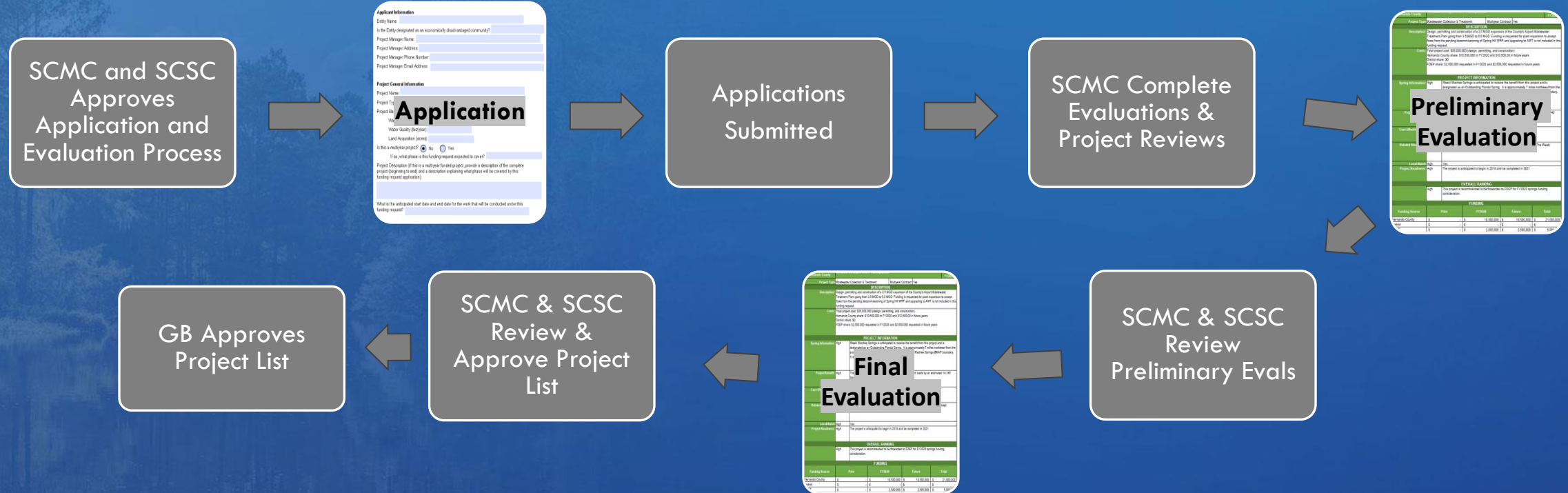
Vivianna Bendixson
SWIM Program Manager
Natural Systems & Restoration

Agenda

- FY2023 Springs Funding Update
- FY2023 Springs Funding Lessons Learned
- FY2023 Items for Consideration
- Upcoming Tasks

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

FY2023 Process



FDEP FINAL SUBMISSION

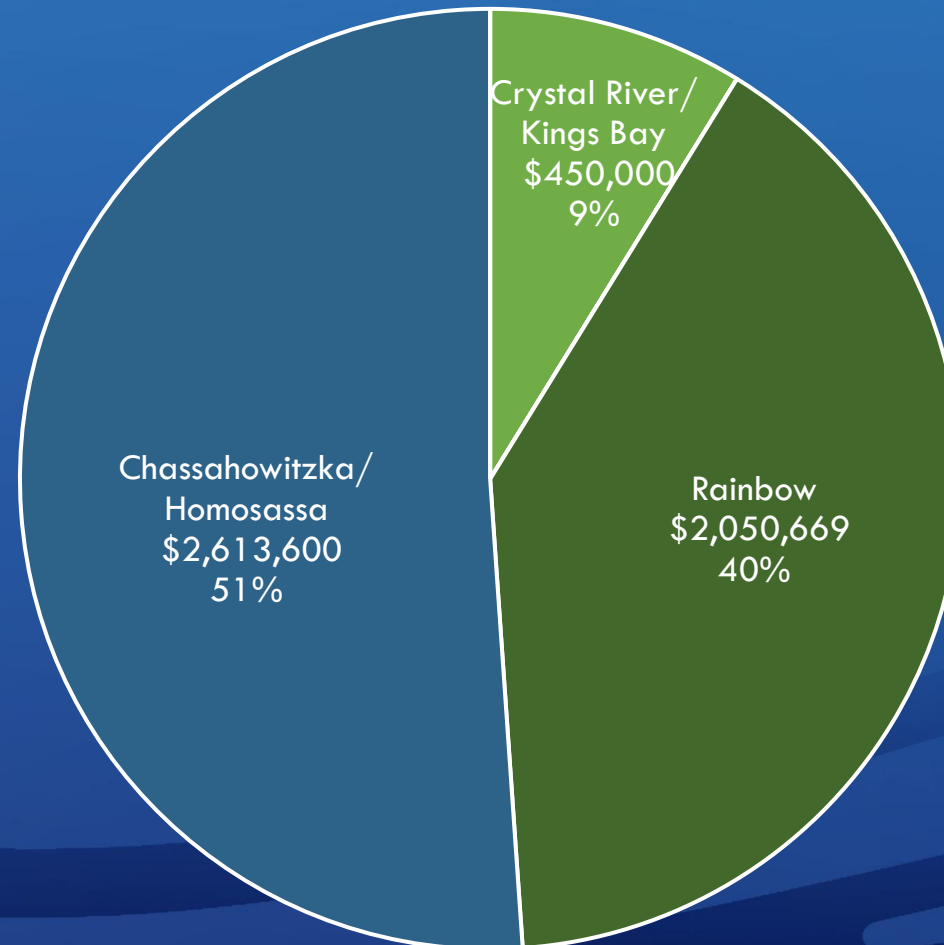
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Funds in Specific Appropriation 9036 may be used for land acquisition to protect springs and for capital projects that protect the quality and quantity of water that flow from springs.																
2	I. Contact Information				II. Spring Information			III. Project 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 MFL? and, 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)
3		Southwest	Citrus County	Josh Maden, 352-796-7211 x 4197, Josh.Maden@swfwm.d.state.fl.us	Chassahowitz Springs and Homocassa	BMAP or RAP	MFL - Meeting	Spring - Citrus County Old Homocassa West Septic to Sewer Project	Citrus	28.78266	-82.61697	Wastewater collection and treatment	The project is for the design, permitting, and construction of a regional wastewater collection system necessary for connection of existing residential homes in the Old Homocassa area of the Homocassa springhead. If constructed, a minimum of 55 existing septic systems will convert to County sanitary sewer.	Yes	No	Yes	907
4	37																
5																	

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

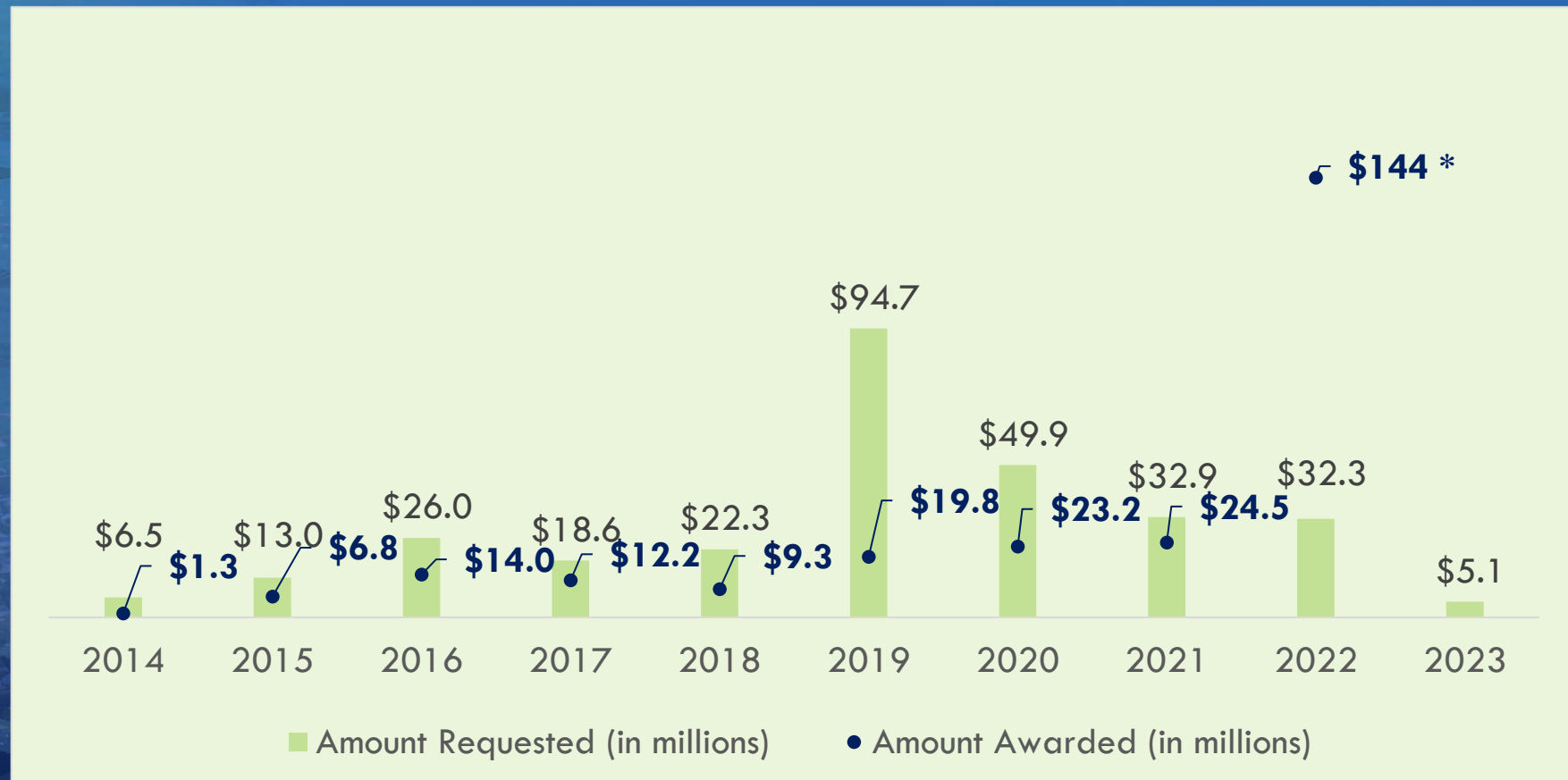
Detailed FY2022 Timeline

	JUL '21	AUG '21	SEP '21	OCT '21	NOV '21	DEC '21	JAN '22
Important Dates		FDEP FY22 Project Selection Springs & CFI Apps Available	Pre-app Meetings GB Approves FY22 Budget	(1) Springs & CFI Apps Due			
SCMC	(14) Approve FY23 Funding Process & Meeting Dates			(20) Raw Applications Presented		(8) Preliminary Evals Review #1	(5) Preliminary Evals Review #2
SCSC	(28) Approve FY22 Funding Process & Meeting Dates				(10) Raw Applications Presented		(26) Present Preliminary Evaluations
	FEB '22	MAR '22	APR '22	MAY '22	JUNE '22	JUL '22	AUG-SEP '22
Important Dates			(26) GB Approves FY22 Springs Funding Apps	FDEP receives approved final list	FDEP holds public input period		(AUG) FDEP FY23 Project Selection (SEP) GB Approves FY23 Budget
SCMC	(23) Final Evals Reviewed & Approved			(25) Springs Funding Lessons Learned		(13) Approve FY24 Funding Process & Meeting Dates	
SCSC		(9) Final Evals Reviewed & Approved				(27) Approve FY24 Funding Process & Meeting Dates	

FY23 FDEP Request Summary by BMAP



FDEP Springs Funding Summary for SWFWMD Region



SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

FY2023 Applications

FY2023 FDEP Springs Funding Final Evaluations											
Unit Number	Ranking	Applicant	Project	BMAP	Nitrogen Reduction (lbs/yr)	Land Acquisition (acres)	FDEP Request	WMD Request	Local Match	Other Funding	Total
APP01	MEDIUM	Citrus County	Imperial Gardens Plant Interconnection	Crystal River/ Kings Bay	20		\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000
APP02	MEDIUM	Alachua Conservation Trust	GHC Farms, Inc.	Rainbow		197	\$ 173,288	\$ -	\$ 17,907	\$ 156,000	\$ 347,195
APP04	HIGH	City of Inverness	South Highlands Septic to Sewer Project - Phase 1*	Chassahowitzka/ Homosassa	695		\$ 2,613,600	\$ -	\$ 653,400	\$ -	\$ 3,267,000
APP06	MEDIUM	Marion County	NW 44th Avenue Innovative Stormwater Retrofit	Rainbow	23		\$ 377,381	\$ -	\$ 377,381	\$ -	\$ 754,761
APP08	HIGH	Florida Governmental Utility Authority	Chatmire Septic to Sewer Florida Governmental Utility Authority*	Rainbow	1,068		\$ 1,500,000	\$ -	\$ -	\$ -	\$ 1,500,000
			* Indicates multiyear funding request, only FY23 request listed								
		Application Count:	5		1,806	TOTAL	\$ 5,114,269	\$ -	\$ 1,048,688	\$ 156,000	\$ 6,318,956

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

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	

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

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	

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Land Acquisition Criteria

Category	Ranking	Definition	Criteria
SPRING INFORMATION	High	All 3 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	At least 3 criteria apply	1-Parcel adjoins public lands or easements
	Medium	Only 2 criteria apply	2-Located within a high or medium recharge area
	Low	Only 1 or none of the criteria apply	3-Land remains at low intensity or is reduced to a lower intensity of land use
COST EFFECTIVENESS	High	Total funding request is at or less than the appraised value	Cost effectiveness
	Low	Total funding request is greater than the appraised value or appraisal not completed	
RELATED STRATEGIES	High	At least 4 of the criteria apply	1-Project is listed in the BMAP list of projects or anticipated to be added in the next update 2-Benefitting spring has an existing MFL
	Medium	2-3 criteria apply	3-Project is part of a specific water quality or water quantity improvement plan 4-Land will be held in conservation in perpetuity
	Low	Only 1 or none of the criteria apply	5-Management plan is in place or will be in place at time of acquisition 6-Acquired land will have public access and/or public education components
LOCAL MATCH	High	Greater than 25%	Amount of local match
	Medium	Up to 25%	
	Low	None	
PROJECT READINESS	High	Acquisition is ongoing or will start before Dec 31 of the fiscal year funding is being requested	Project time frame
	Medium	Acquisition will start after Dec 31 of the fiscal year funding is being requested	
	Low	Other elements must be addressed before land acquisition may begin	

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

FY 2023 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 Nmbr	Applicant	Project Name	SPRING INFORMATION	PROJECT BENEFIT	COST EFFECTIVENESS	RELATED STRATEGIES	LOCAL MATCH	PROJECT READINESS	Total Score	Overall Ranking
1	APP08	Florida Governmental Utility Authority	Chatmire Septic to Sewer Florida Governmental Utility Authority	High	High	Medium	High	Low	High	104	HIGH
2	APP04	City of Inverness	South Highlands Septic to Sewer Project - Phase 1	Medium	Medium	High	High	Medium	Medium	95	HIGH
3	APP02	Alachua Conservation Trust	GHC Farms, Inc.	Medium	High	Low	High	Medium	High	90	MEDIUM
4	APP01	Citrus County	Imperial Gardens Plant Interconnection	High	Low	Low	High	Low	Medium	69	MEDIUM
5	APP06	Marion County	NW 44th Avenue Innovative Stormwater Retrofit	Medium	Low	Low	High	High	Medium	68	MEDIUM

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Lessons Learned

Discussion Items	Worked Well	Challenge	Suggested Change	Notes
Updated Banner and Backgrounds	Visually different each year			
FDEP Spreadsheet		Additional information needed	Update application	
Email with application sent to committees	Communication on application availability			

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Proposed Land Acquisition Criteria

Category	Ranking	Definition	Criteria
SPRING INFORMATION	High	All 3 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	At least 3 criteria apply	1-Parcel adjoins public lands or easements
	Medium	Only 2 criteria apply	2-Located within a high or medium recharge area
	Low	Only 1 or none of the criteria apply	3-Land remains at low intensity or is reduced to a lower intensity of land use
COST EFFECTIVENESS	High	Meets criteria	Funding request is at or less than the estimated fair market value
	Low	Does not meet criteria	
RELATED STRATEGIES	High	At least 4 of the criteria apply	1-Project is listed in the BMAP list of projects or anticipated to be added in the next update
	Medium	2-3 criteria apply	2-Benefitting spring has an existing MFL 3-Project is part of a specific water quality or water quantity improvement plan
	Low	Only 1 or none of the criteria apply	4-Land will be held in conservation in perpetuity 5-Management plan is in place or will be in place at time of acquisition 6-Acquired land will have public access and/or public education components
LOCAL MATCH	High	Greater than 25%	Amount of local match
	Medium	Up to 25%	
	Low	None	
PROJECT READINESS	High	Acquisition is ongoing or will start before Dec 31 of the fiscal year funding is being requested	Project time frame
	Medium	Acquisition will start after Dec 31 of the fiscal year funding is being requested	
	Low	Other elements must be addressed before land acquisition may begin	

Upcoming Tasks

- Approve FY2024 Springs Funding Evaluation Process
- Approve FY2024 Ranking Criteria and Prioritization
- Set meeting schedule for FY2023, impactful dates listed

JUN '22	JUL '22	AUG '22	SEP '22	OCT '22	NOV '22	DEC '22	JAN '23
	(13) SCMC Meeting (27) SCSC Meeting	FY24 Springs Funding Apps Available		(7) Applications Due			

FEB '23	MAR '23	APR '23	MAY '23	JUN '23	JUL '23	AUG '23	SEP '23
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	GB Approves Budget

Management Committee Meetings

Dates	Objective
Jul 13, 2022	<ul style="list-style-type: none">• FY24 Kickoff• Approve: Meeting Dates• Approve: Funding Process
Proposed Dates	Objective
Oct 26, 2022	<ul style="list-style-type: none">• Review: Raw application information
Dec 7, 2022	<ul style="list-style-type: none">• Review: Preliminary Eval Review #1
Jan 11, 2023	<ul style="list-style-type: none">• Review: Preliminary Eval Review #2
Feb 22, 2023	<ul style="list-style-type: none">• Approve: Final Evals
May 24, 2023	<ul style="list-style-type: none">• Present: Springs Funding Lessons Learned
Jul 12, 2023	<ul style="list-style-type: none">• FY25 Kickoff• Approve: Meeting Dates• Approve: Funding Process

Steering Committee Meetings

Dates	Objective
Jul 27, 2022	<ul style="list-style-type: none">• FY24 Kickoff• Approve: Meeting Dates• Approve: Funding Process
Proposed Dates	Objective
Nov 9, 2021	<ul style="list-style-type: none">• Present: Raw application information
Jan 25, 2022	<ul style="list-style-type: none">• Present: Preliminary Evals
Mar 8, 2022	<ul style="list-style-type: none">• Approve: Final Evals
Jul 26, 2022	<ul style="list-style-type: none">• FY24 Kickoff• Approve: Meeting Dates• Approve: Funding Process

FY2023 Springs Funding Evals

Sorted by Project Benefit

Project Number	Applicant	Project Name	Project Benefit		
			lbs/yr TN	Rank	Score
APP08	Florida Governmental Utility Authority	Chatmire Septic to Sewer Florida Governmental Utility Authority	1,068	1	High
APP04	City of Inverness	South Highlands Septic to Sewer Project - Phase 1	695	2	Medium
APP06	Marion County	NW 44th Avenue Innovative Stormwater Retrofit	23	3	Low
APP01	Citrus County	Imperial Gardens Plant Interconnection	20	4	Low
			Acres	Rank	Score
APP02	Alachua Conservation Trust	GHC Farms, Inc.	297	1	High

FY2023 Springs Funding Evals

Sorted by Cost Effectiveness

Project Number	Applicant	Project Name	Cost Effectiveness		
			Cost/lbs of TN	Rank	Score
APP04	City of Inverness	South Highlands Septic to Sewer Project - Phase 1	\$ 157	1	High
APP08	Florida Governmental Utility Authority	Chatmire Septic to Sewer Florida Governmental Utility Authority	\$ 350	2	Medium
APP01	Citrus County	Imperial Gardens Plant Interconnection	\$ 736	3	Low
APP06	Marion County	NW 44th Avenue Innovative Stormwater Retrofit	\$ 1,094	4	Low
			Cost in line with appraisal		Score
APP02	Alachua Conservation Trust	GHC Farms, Inc.	Not Available		Low