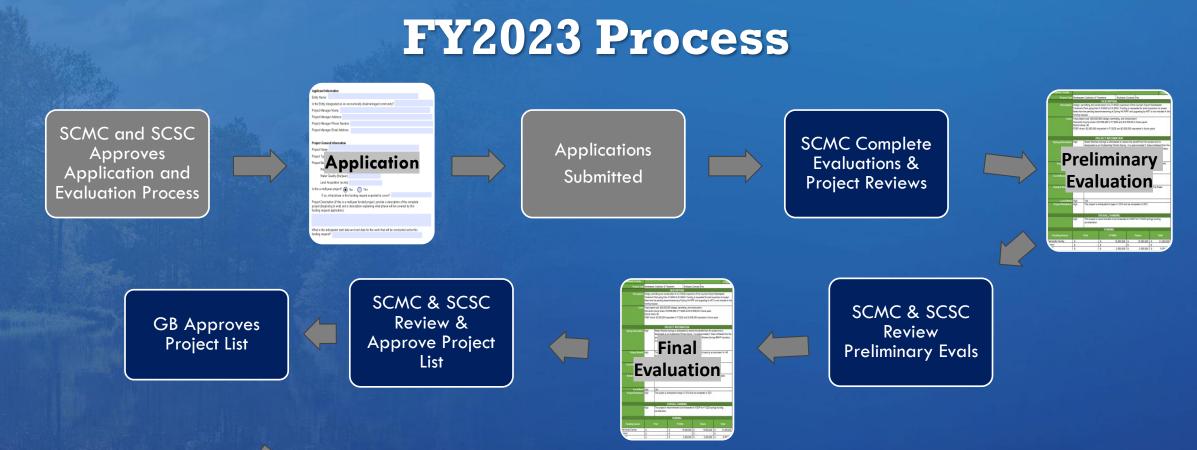
Springs Coast Steering Committee

FY2023 FDEP Springs Funding Preliminary Evaluations & Rankings and Project Overviews

January 26, 2022



Vivianna Bendixson Manager, SWIM Program Natural Systems & Restoration



FDEP FINAL SUBMISSION

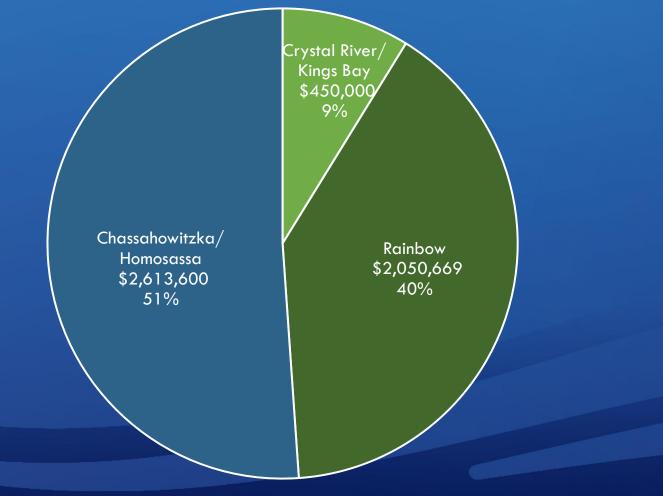
1	A Funds in	B n Specific Appro	C priation 1606 may be I. Contact Information	B used for land acqu	E uisition to protect	II. Spring	G apital projects th	H at protect the quality	and quantity of	J of water that flow	K from springs.	L	M III. Project Information	N	0	P	Q	
3	C 0 1 1 1	Lead Water Manageme nt District Name	Local Government	WMD Project Manager Name, Phone and Email	Spring Name	Information 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 RecoveryRreven tion Strategy or Identified in a Regional Water Supply Plan as Benefiting an MFL?		N Reduced (Ibslyr)	Ser redu It
4	37	Southwest	Citrus County	Josh Maden, 352-796-7211 x 4197, Josh.Madden@s wfwmd.state.fl. US	Chassahowitzk a and Homosassa		MFL - Meeting	Springs - Citrus County Old Homosassa West Septic to Sewer Project	Citrus	28.78266	-82.61637	collection and treatment	The project is for the design, permitting, and construction of a regional wastewate collection system necessary for connection of existing residential houses in the Oid 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	



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 meeting		(AUG) FDEP FY23 Project Selection (SEP) GB Approves FY23 Budget
ѕсмс	(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



*Includes Springs and Wastewater Grant funding

Preliminary Evaluations & Rankings



Applications Received FY2023

	FY2023 FDEP Springs Funding Preliminary Evaluations												
Unit Number	Ranking	Applicant	Project	ВМАР	Nitrogen Reduction (Ibs/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	MFDIUM	Alachua Conservation Trust	<u>GHC Farms, Inc.</u>	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	<u>NW 44th Avenue Innovative Stormwater</u> <u>Retrofit</u>	Rainbow	45		\$ 377,381	\$-	\$ 377,381	\$-	\$ 754,761		
APP08	MEDITIM		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:			1,828	TOTAL	\$ 5,114,269	\$-	\$ 1,048,688	\$ 156,000	\$ 6,318,956		



FY 2023 Prioritization Matrix

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



11 III	Prioritization			Weighting	7	10	10	5	3	5		
The second	Ma			High	High	High	High	High	High	1	20	
1.11	ma			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
6 1 N 1	1	APP04	City of Inverness	South Highlands Septic to Sewer Project - Phase 1	Medium	Medium	High	High	Medium	Medium	95	HIGH
	2	APP08	Florida Governmental Utility Authority	<u>Chatmire Septic to Sewer</u> <u>Florida Governmental Utility</u> <u>Authority</u>	High	High	Medium	High	Low	High	89	MEDIUM
	3	APP06	Marion County	<u>NW 44th Avenue Innovative</u> <u>Stormwater Retrofit</u>	Medium	Medium	Medium	High	High	Medium	88	MEDIUM
	4	APP02	Alachua Conservation Trust	GHC Farms Inc		High	Low	Medium	Medium	High	85	MEDIUM
Son Law	5	APP01	Citrus County			Low	Low	High	Low	Medium	69	MEDIUM



Southwest Florida Water Management District

Project Overviews

APP01 – Citrus County Imperial Gardens Plant Interconnection

Design, permitting and construction of a lift station and approximately 1000 feet of sanitary sewer system force main which will remove from service an underperforming package plant. Connection fee is included in the funding request.

- \$450,000 Total Project Cost, all requested from the FDEP in FY23
- Estimated 20 lbs of TN reduction



APP02 – Alachua Conservation Trust GHC Farms, Inc

Less-than-fee simple acquisition of approximately 197 acres. The property is currently under contract for a conservation easement with the NRCS covering about 50% of the costs with the applicant as the easement holder.

• Project will have a presentation shortly



APP04 – City of Inverness South Highlands Septic to Sewer Project

Design, permitting and construction of a sanitary sewer system collection system which will remove from service a minimum of 69 residential septic tanks. Connection fees are included in the funding request.

- Project received funding in FY2022
 - No changes to project
 - Contract negotiations ongoing
 - Both the City and FDEP have requested this application remain in consideration



APP06 – Marion County NW 44th Ave Stormwater Retrofit

Construction of a stormwater retrofit that will replace a dry retention pond bottom with Bold and Gold soil amendment developed by the University of Central Florida Stormwater Academy.

 Project is identified in the Watershed Management Plan BMP to decrease nutrient loading to the springs



APP08 – Florida Governmental Utility Authority Chatmire Septic to Sewer Project

Design, permitting and construction of a municipal sewer system connections, tank abandonment and necessary components which will remove from service 117 existing septic tanks located at the City of Dunnellon Chatmire development.

- Project received funding in FY2020 as a single year project
 - Updated to a multi-year project
- Total project costs are increased
 - \$3.7M to \$11.2M
- Benefits are refined
 - 210 parcels to 117 existing septic tanks removed
 - 2,114 to 1,068 lbs/yr TN estimated reduction

Applicant presentations

• APP02 – Alachua Conservation Trust – GHC Farms, Inc.



FY 2023 Prioritization Matrix

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



III III	Prioritization			Weighting	7	10	10	5	3	5		
The second	Ma			High	High	High	High	High	High	1	20	
1.11	ma			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
6 1 N 1	1	APP04	City of Inverness	South Highlands Septic to Sewer Project - Phase 1	Medium	Medium	High	High	Medium	Medium	95	HIGH
	2	APP08	Florida Governmental Utility Authority	<u>Chatmire Septic to Sewer</u> <u>Florida Governmental Utility</u> <u>Authority</u>	High	High	Medium	High	Low	High	89	MEDIUM
	3	APP06	Marion County	<u>NW 44th Avenue Innovative</u> <u>Stormwater Retrofit</u>	Medium	Medium	Medium	High	High	Medium	88	MEDIUM
	4	APP02	Alachua Conservation Trust	GHC Farms Inc		High	Low	Medium	Medium	High	85	MEDIUM
Sol Land	5	APP01	Citrus County			Low	Low	High	Low	Medium	69	MEDIUM



Management Committee Meetings

Dates	Objective
Oct 20, 2021	Review: Raw application information
Dec 8, 2021	Review: Preliminary Eval Review #1
Jan 5, 2022	 Review: Preliminary Eval Review #2
Feb 23, 2022	Approve: Final Evals
May 25, 2022	Present: Springs Funding Lessons Learned
Jul 13, 2022	 FY24 Kickoff Approve: Meeting Dates Approve: Funding Process

Steering Committee Meetings

Dates	Objective
Nov 10, 2021	Present: Raw application information
Jan 26, 2022	Present: Preliminary Evals
Mar 9, 2022	Approve: Final Evals
Jul 27, 2022	 FY24 Kickoff Approve: Meeting Dates Approve: Funding Process

Discussion



Water Quality Criteria

and the second	Category	Ranking	Definition	Criteria			
		High	All three criteria apply	1-Benefitting spring an OFS?			
	SPRING INFORMATION	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?			
and the same		High	Top 1/3 applications				
	PROJECT BENEFIT	Medium	Middle 1/3 applications	Applications sorted by descending order for Nitrogen Reduction			
		Low	Bottom 1/3 applications	Ŭ			
		High	Top 1/3 applications				
	COST EFFECTIVENESS	Medium	Middle 1/3 applications	Applications sorted by ascending order for the estimated cost per pound of TN removed			
		Low	Bottom 1/3 applications				
		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			
~	RELATED STRATEGIES	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			
*		High	Greater than 25%				
	LOCAL MATCH	Medium	Up to 25%	Amount of local match			
The second second		Low	None				
-		High	Construction is ongoing or will start before Dec 31 of the fiscal year funding is being requested				
	PROJECT READINESS	Medium	Design is ongoing or will start before Dec 31 of the fiscal year funding is being requested	the Project time frame			
		Low	Other elements must be addressed before design or construction may begin				

Proposed Land Acquisition Criteria

Southwest Florida	
Water Management District	
0	

	Category	Ranking	Definition	Criteria
		High	All 3 criteria apply	1-Benefitting spring an OFS?
	SPRING INFORMATION	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?
5		High	At least 3 criteria apply	1-Parcel adjoins public lands or easements
	PROJECT BENEFIT	Medium	Only 2 criteria apply	2-Located within a high or medium recharge area
A State		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
		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	Cost effectiveness
		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
	RELATED STRATEGIES	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 5-Management plan is in place or will be in place at time of
		Low	Only 1 or none of the criteria apply	6-Acquired land will have public access and/or public education components
2-		High	Greater than 25%	
2	LOCAL MATCH	Medium	Up to 25%	Amount of local match
-		Low	None	
0		High	Acquisition is ongoing or will start before Dec 31 of the fiscal year funding is being requested	
	PROJECT READINESS	Medium	Acquisition will start after Dec 31 of the fiscal year funding is being requested	Project time frame
M. A.C.		Low	Other elements must be addressed before land acquisition may begin	

FY2023 Springs Funding Evals Sorted by Project Benefit

	Project Number	Applicant	Project Name	Project Benefit				
	Number			lbs	/yr TN	Rank	Score	
		Florida Governmental	Chatmire Septic to Sewer Florida			1	Lligh	
12	APP08	Utility Authority	Governmental Utility Authority	\$	1,068	1	High	
		City of Inverness	South Highlands Septic to Sewer			2	Medium	
	APP04	city of inverness	Project - Phase 1	\$	695	۷	wearan	
		Marion County	NW 44th Avenue Innovative			3	Medium	
	APP06		Stormwater Retrofit	\$	45	5	Wiedram	
		Citrus County	Imperial Gardens Plant			4	Low	
	APP01	Citius County	Interconnection	\$	10	4	LOW	
4		Alachua Conservation	GHC Forms Inc				High	
444	APP02	Trust	GHC Farms, Inc.				High	

FY2023 Springs Funding Evals Sorted by Cost Effectiveness

	Project	Applicant	Project Name	Cost Effectiveness					
	Number				t/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		
	APP06	Marion County	NW 44th Avenue Innovative Stormwater Retrofit	\$	559	3	Medium		
	APP01	Citrus County	Imperial Gardens Plant Interconnection	\$	1,484	4	Low		
and and	APP02	Alachua Conservation Trust	GHC Farms, Inc.				Low		



FY2023 Prioritization Matrix

				Weighting	7	10	10	5	3	5		
	Prioriti Ma			Highest Score	High	High	High	High	High	High	1	20
1	ma			Lowest Score	Low	Low	Low	Low	Low	Low		40
A NAVANA	Current Rank	Project Nmbr	Applicant	Project Name	SPRING INFORMATION	PROJECT BENEFIT	COST EFFECTIVENESS	RELATED STRATEGIES	LOCAL MATCH	PROJECT READINESS	Total Score	Overall Ranking
1 A A	1	APP04	City of Inverness	South Highlands Septic to Sewer Project - Phase 1	Medium	Medium	High	High	Medium	Medium	95	HIGH
	2	APP08	Florida Governmental Utility Authority	<u>Chatmire Septic to Sewer</u> <u>Florida Governmental Utility</u> <u>Authority</u>	High	High	Medium	High	Low	High	89	MEDIUM
1 h h h	3	APP06	Marion County	<u>NW 44th Avenue Innovative</u> <u>Stormwater Retrofit</u>	Medium	Medium	Medium	High	High	Medium	88	MEDIUM
And a	4	APP02	Alachua Conservation Trust	GHC Farms, Inc.	Medium	High	Low	Medium	Medium	High	85	MEDIUM
A PARTICIPAL OF	5	APP01	Citrus County	Imperial Gardens Plant Interconnection	High	Low	Low	High	Low	Medium	69	MEDIUM



FDEP Springs Funding Summary for SWFWMD Region

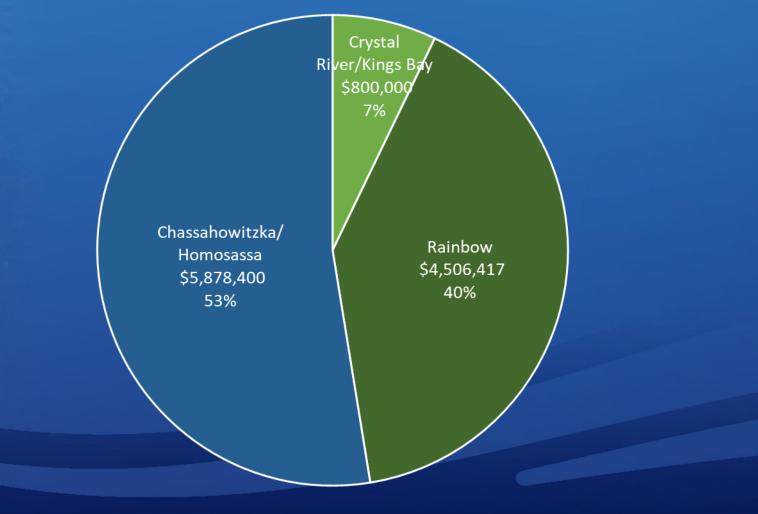


Applications Received FY2023

Unit Number	Applicant	Project	Nitrogen Reduction (Ibs/yr)	Land Acquisition (acres)	FDEP Request	WMD Request	Local Match	Other Funding	TOTAL
APP01	Citrus County	Imperial Gardens Plant Interconnection	123		\$800,000				\$800,000
APP02	Alachua Conservation Trust	<u>GHC Farms, Inc.</u>		197	\$173,125			\$173,125	\$346,250
APP03	City of Inverness	41 N Sewer Extension Project	1,202		\$3,264,800		\$816,200		\$4,081,000
APP04	City of Inverness	South Highlands Septic to Sewer Project - Phase 1*	695		\$2,613,600		\$653,400		\$3,267,000
APP05	Marion County	Marion Oaks Bioswale Enhancements	159		\$295,391	\$147 <i>,</i> 695	\$147,695		\$590,781
APP06	Marion County	NW 44th Avenue Innovative Stormwater Retrofit	55		\$377,381	\$188,690	\$188,690		\$754,761
	Florida Governmental Utility Authority	Rainbow River - Rio Vista Septic to Sewer Project*	3,310		\$2,160,521				\$2,160,521
	Florida Governmental Utility Authority	Chatmire Septic to Sewer Project*	2,114		\$1,500,000				\$1,500,000
		* Indicates multiyear funding request, only FY23 request listed							
	Application Count:	8	7,658	197	\$11,184,817	\$336,386	\$1,805,986	\$173,125	\$13,500,313

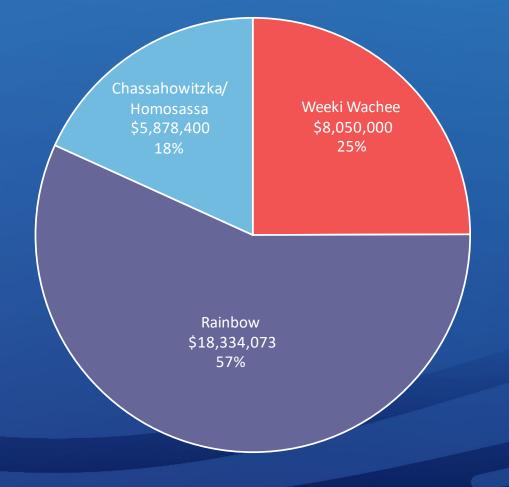


FY23 FDEP Request Summary by BMAP



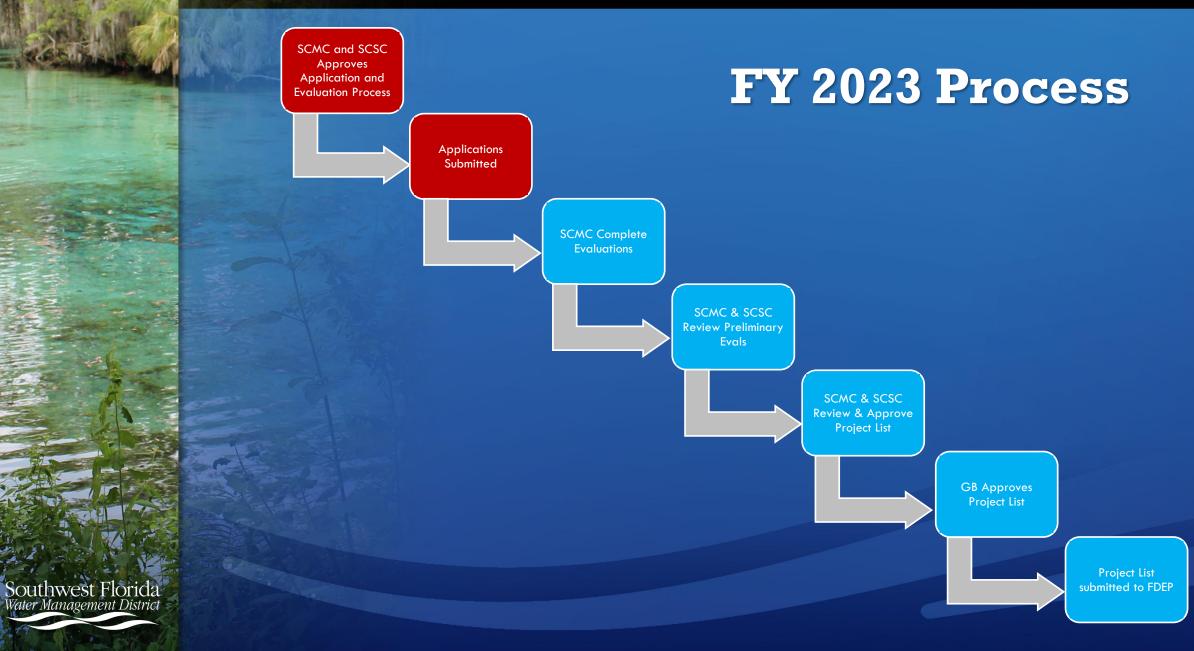


FY22 FDEP Request Summary by BMAP

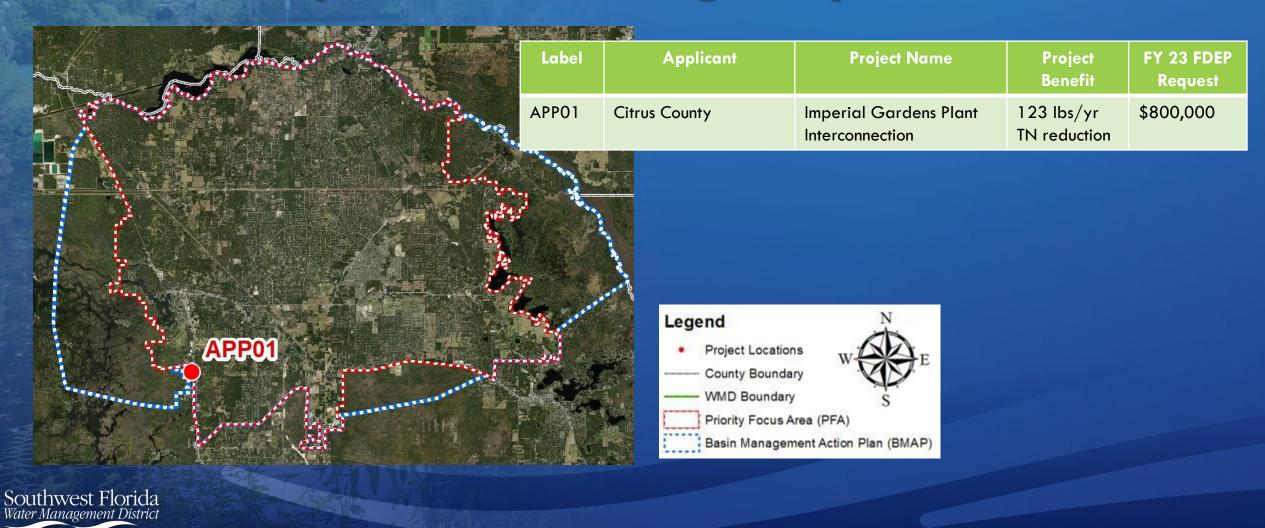


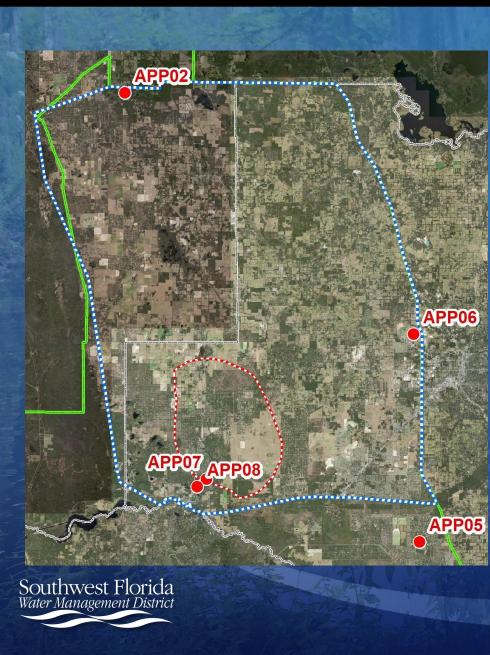
FDEP Springs Funding Summary for SWFWMD Region





Crystal River/Kings Bay BMAP





Rainbow BMAP

Label	Applicant	Project Name	Project Benefit	FY 23 FDEP Request
APP02	Alachua Conservation Trust	GHC Farms, Inc	197 acres	\$173,125
APP05	Marion County	Marion Oaks Bioswale Enhancements	159 lbs/yr TN reduction	\$295,391
APP06	Marion County	NW 44 th Ave Innovative Stormwater Retrofit	55 lb/yr TN reduction	\$377,381
APP07	Florida Governmental Utility Authority	Rainbow River – Rio Vista Septic to Sewer	3,310 lb/yr TN reduction	\$2,160,521
APP08	Florida Governmental Utility Authority	Chatmire Septic to Sewer	2,114 lb/yr TN reduction	\$1,500,00

Legend

- Project Locations
- ----- County Boundary
- ----- WMD Boundary
 - Priority Focus Area (PFA)
- Basin Management Action Plan (BMAP)



Chassahowitzka/Homosassa BMAP



Label	Applicant	Project Name	Project Benefit	FY 23 FDEP Request
APP03	City of Inverness	41 N Sewer Extension	1,202 lbs/yr TN reduction	\$3,264,800
APP04	City of Inverness	South Highlands Septic to Sewer – Phase 1	695 lbs/yr TN reduction	\$2,613,600







Applications Received FY2023

Unit Number	Applicant	Project	Nitrogen Reduction (Ibs/yr)	Land Acquisition (acres)	FDEP Request	WMD Request	Local Match	Other Funding	TOTAL
APP01	Citrus County	Imperial Gardens Plant Interconnection	123		\$800,000				\$800,000
APP02	Alachua Conservation Trust	<u>GHC Farms, Inc.</u>		197	\$173,125			\$173,125	\$346,250
APP03	City of Inverness	41 N Sewer Extension Project	1,202		\$3,264,800		\$816,200		\$4,081,000
APP04	City of Inverness	South Highlands Septic to Sewer Project - Phase 1*	695		\$2,613,600		\$653,400		\$3,267,000
APP05	Marion County	Marion Oaks Bioswale Enhancements	159		\$295,391	\$147 <i>,</i> 695	\$147,695		\$590,781
APP06	Marion County	NW 44th Avenue Innovative Stormwater Retrofit	55		\$377,381	\$188,690	\$188,690		\$754,761
APP07	Florida Governmental Utility Authority	Rainbow River - Rio Vista Septic to Sewer Project*	3,310		\$2,160,521				\$2,160,521
	Florida Governmental Utility Authority	Chatmire Septic to Sewer Project*	2,114		\$1,500,000				\$1,500,000
		* Indicates multiyear funding request, only FY23 request listed							
	Application Count:	8	7,658	197	\$11,184,817	\$336,386	\$1,805,986	\$173,125	\$13,500,313



Water Quantity Criteria

Southwest Florida

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

Comments and Questions

Applications Selected FY2022





