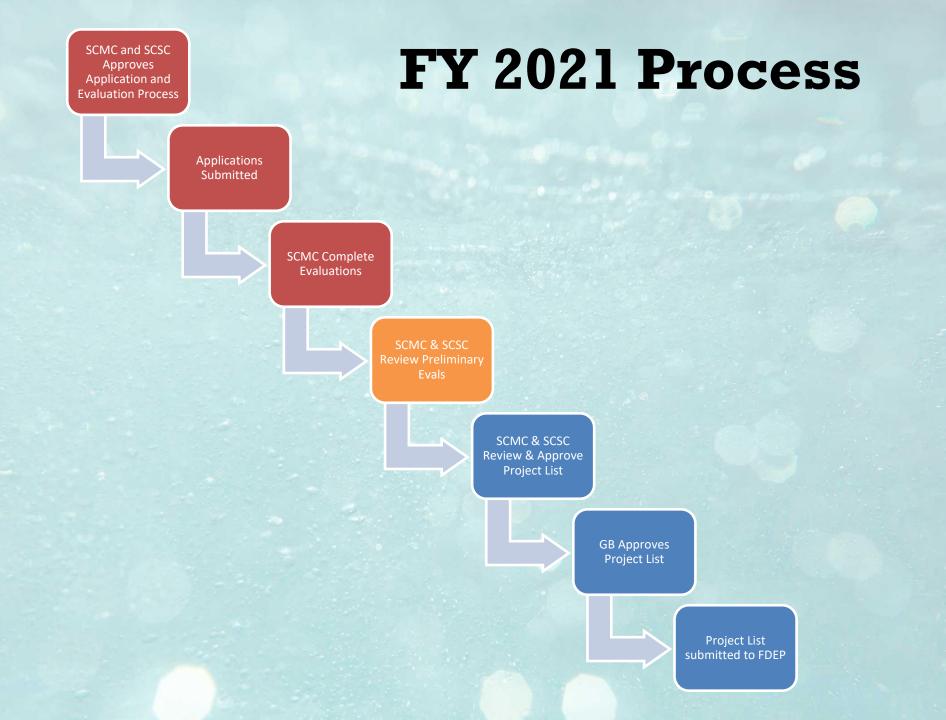
## Springs Coast Steering Committee

FY2021 FDEP Springs Funding Preliminary Evaluations and Rankings

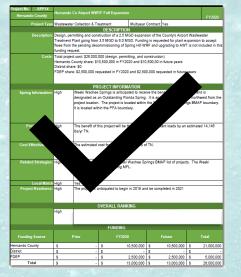
#### January 29, 2020





### Process

#### Preliminary Evaluation



# Final Evaluation

Project No.	APP14		C							
Hernand	lo County	nemando	ernando Co Airport WWTF Full Expansion						FY2020	
	Project Type	Wastewate	r Collection & Tr	eatment	Multiyear	Contract:	Yes			
				DESCRIPTION						
				struction of a 2.5 M						
				3.5 MGD to 6.0 M						
		funding reg		ommissioning of Sp	NING HILL WI	KH and u	ograding to AW	i is not in	ciuded in t	
	0			000 (design, permi	No. and a					
				10.500.000 in FY20						
		District sha		0,000,000 111 120	20 4110 910	,000,001	riddine years			
		FDEP share	e: \$2,500,000 re	quested in FY2020	and \$2,50	0,000 req	uested in future	years		
			00	OJECT INFORM	171011					
	Information:	High								
spring	amormation:		gh 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 northwest from the							
			project location. The project is located within the Weeki Wachee Springs BMAP boundary.							
			It is located within the PFA boundary.							
Pro	piect Benefit	High	igh The benefit of this project will be the reduction of pollutant loads by an estimated 14,145							
			bs/yr TN.							
Cost F	ffectiveness:	High	ligh The estimated cost for this project is \$61/lb of TN.							
Relate	d Strategies:	High	This project is	isted in the Weeki	Nachee Sp	rinas BM	AP list of project	ts. The V	/eeki	
			Wachee River	has an existing MF	L Ì					
	Local Match		Yes							
Projec	t Readiness:	nign	i ne project is a	inticipated to begin	in 2019 an	a pe com	presed in 2021			
		1		OVERALL RANK	ING					
		High		recommended to be		to EDEP	for EV2020 ser	ings fund	ina	
			consideration.							
				FUNDING						
Constanting	Source		Prior	FY2020			Future		Total	
Pundin				FT2020			Puture-			
Hernando Co	unty	\$			0,500,000		10,500,000		21,000,00	
District		\$		\$		\$		s		
FDEP		\$			2,500,000		2,500,000		5,000,01	
To	stal	s		S 1	3.000.000	s	13.000.000	s	28.000.01	

#### RECOMMENDED PROJECTS ONLY

#### **FDEP FINAL SUBMISSION**

**Application** 

FY2020 FDEP Springs Funding Application This application should be completed and emailed with the appropriate calculations to danie le rogers@owfornd.state.fl.up by 5:00PM, October 5, 2018.

Is the Entity designated as an economically disadvantaged community?

ction •

If so, what phase is the set expected to cover? Project Description (if this is a multion of the complete project (beginning to end) and a description explaining what phase will be covered by this

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

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

Applicant Information Entity Name:

Project Manager Name:

Project Manager Address: Project Manager Phone Number Project Manager Email Address:

Project General Information

Water Qua Land Acquisite Is this a multiyear project? If so, what phase

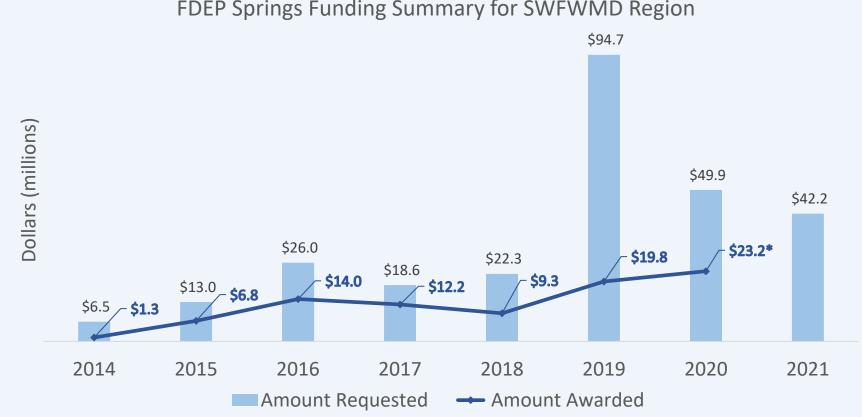
funding request application):

funding request

project

- 4	A	В	С	D	E	F	G	Н	1	J	ĸ	L	М	N	0	P	Q	4
1 <u>F</u>	unds in	Specific Appro	priation 1606 may be	used for land acq	isition to protect		capital projects th	at protect the quality	and quantity (	of water that flow	from springs.		N /					
			I. Contact			II. Spring			III. Project			IV. Water Quality						
2			Information			Information												
9	C o u n t	Lead Water Manageme nt 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 RecoveryPreven tion Strategy or Identified in a Regional Water Supply Plan as Benefitting an MFL?		N Reduced (Ibalyr)	Sei 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		The project is for the design, permitting, and construction of a regional wastewater collection system necessary for connection of existing residential homes in the 01d Homoassa area of the Homoassa are springshed. If constructed, a minimum of 95 existing septic systems will convert to County sanitary sewer.	Yes	No	Yes	907	

	FY2020 Springs Projects Selected for Funding									
SCMC Ranking	Selected for Funding	Applicant	Project	ВМАР	Nitrogen Reduction (Ibs/yr)		st/lbs f TN			
HIGH	<b>~</b>	Hernando County	Airport WWTF Full Expansion	Weeki Wachee	14,145	\$	61			
HIGH	•	Hernando County	Airport WRF Total Nitrogen Reduction	Weeki Wachee	16,222	\$	21			
HIGH	✓	City of Ocala	Timberwood Sewer Expansion Project	Rainbow	2,058	\$	62			
HIGH	✓	FGUA	Chatmire Septic to Sewer Project	Rainbow	2,114	\$	58			
MEDIUM		FGUA	Rainbow River and Rio Vista Septic to Sewer Project	Rainbow	3,312	\$	101			
MEDIUM	~	Citrus County	Homosassa Downtown East Septic to Sewer	Homosassa/ Chassahowitkza	1,909	\$	262			
MEDIUM	~	City of Ocala	Foxwood Farms Water Quality Improvement Project	Rainbow	514	\$	104			
MEDIUM	~	Marion County	Package Wastewater Plant Removal Program	Rainbow	1,098	\$	95			
MEDIUM	~	City of Ocala	Fairfield Village Sewer Expansion Project	Rainbow	478	\$	105			
MEDIUM	✓	Marion County	US27/NW 70th Ave Septic to Sewer	Rainbow	382	\$	49			
MEDIUM	~	Citrus County	Harbor Lights Plant Interconnection	Homosassa/ Chassahowitkza	138	\$	138			
MEDIUM		Marion County	Oak Bend I-75 Water Quality Improvement Project	Silver	766	\$	135			
MEDIUM		Marion County	NW Regional WWTF Expansion	Rainbow	1,774	\$	289			
LOW		Marion County	State Road 200 Septic to Sewer	Rainbow	336	\$	394			
LOW		FGUA	Burkitt Road Septic to Sewer Project	Rainbow	111	\$	138			



FDEP Springs Funding Summary for SWFWMD Region



# FY21 FDEP Request Summary by BMAP

Crystal River/ Kings Bay \$440,000 1%

Chassahowitzka/ Homosassa \$7,766,800 18%

> Rainbow \$18,497,000

> > 44%

Weeki Wachee \$15,250,000 36%

> Silver \_\$257,520 1%

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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 & Weeting Dates		Raw Applications Presented		Preliminary Evals Review #1	Preliminary Evals Review #2
SCSC		Approve FY21 Funding Process & Meating Dates			Raw Applications Presented		Present Preliminary Evaluations
	FEB '20	MAR '20	APR '20	MAY '20	<b>JUNE '20</b>	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		
	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?		
	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			
	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		
	Low	None			
	High	Construction is ongoing or will start within the funding calendar year			
PROJECT READINESS	Medium	Design is ongoing or will start within the funding calendar year	Project time frame		
	Low	Other elements must be addressed before design may begin			

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

### FY 2021 Prioritization Matrix

									-	
Priorie	tization	Weighting		10	10	5	3	5		
	atrix	Highest Score	<u> </u>	High	High	High	High	High		20
		Lowest Score	Low	Low	Low	Low	Low	Low	40	
Current Rank	Project Nbr	Project Name	SPRING INFORMATION	PROJECT BENEFIT	COST EFFECTIVENESS	RELATED STRATEGIES	LOCAL MATCH	PROJECT READINESS	Total Score	Overall Ranking
1	APP10	Glen Water Reclamation Facility Denitrification	High	High	High	High	High	High	120	HIGH
2	APP04	<u>Rainbow River - Rio Vista Septic to</u> <u>Sewer</u>	High	High	High	High	Low	Low	104	HIGH
3	APP12	44 West Sewer Extension	Medium	Medium	High	High	Medium	High	100	HIGH
4	APP01	On Top of the World North Advanced <u>WWTF</u>	Medium	High	Medium	High	High	Medium	98	HIGH
5	APP09 (WW09)	Septic to Sewer District A Phase 1	High	High	Low	High	Medium	High	97	HIGH
6	APP13	41 North Sewer Extension	Medium	Medium	Medium	High	Medium	Medium	85	MEDIUM
7	APP05	Burkitt Road Septic to Sewer	High	Low	High	High	Low	Low	84	MEDIUM
8	APP03	<u>Oak Bend</u> I-75 Water Quality Improvement	Medium	Medium	Medium	Low	High	High	83	MEDIUM
9	APP06	180th Ave Package Plant Abatement	High	Low	Medium	High	Low	Low	74	MEDIUM
9	APP14	Pelican Bay Package Plant Removal	High	Low	Low	High	Low	High	74	MEDIUM
11	APP02 (Q155)	NWRWWTF Expansion	Medium	Medium	Low	Low	High	High	73	MEDIUM
12	APP11	South Highlands Septic to Sewer	Medium	Low	Low	High	Medium	High	70	MEDIUM

# PROJECT OVERVIEWS

10



#### **Rainbow BMAP**



#### Legend

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

APP02

APP01 APP06 APP03 APP04 APP0

#### APP01 – Bay Laurel CCDD Advanced Wastewater Treatment Plant Expansion and Reuse

Design, permitting and construction of a new 2.5 mgd advanced wastewater treatment plant at the On Top of the World Ocala development including a biosolids treatment facility. Funding is also requested for reclaimed water infrastructure to expand current capacity.

- Nitrogen Reduction 15,484 lbs/yr
- Overall ranking High

Funding Source	FY2021	Future	Total
FDEP *	\$450,000	\$25,650,000	\$26,100,000
Bay Laurel	\$895,000	\$25,205,000	\$26,100,000
Total	\$1,345,000	\$20,855,000	\$52,200,000



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#### APP02 (Q155) – Marion County NW Regional WWTF

Construction of a new 0.8 mgd expansion and upgrade to advanced wastewater treatment at the Marion County NW Regional WWTF. The County previously funded \$1.9M in design and permitting.

- Nitrogen reduction 2,017 lbs/yr
- Overall ranking Medium

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Funding Source	Prior	FY2021	Future	Total
FDEP		\$6,850,000		\$6,850,000
Marion	\$1,883,032	\$6,850,000		\$8,733,032
Total	\$1,883032	\$13,700,000		\$15,583,032



#### APP03 – Marion County Oak Bend I-75 Water Quality Improvement

Design, permitting, and construction of a sewer system to connect and decommission two package plants, Oak Bend and FDOT I-75 rest area, to the Marion County wastewater system. Connection fees for the Oak Bend community only are included in the funding request.

- Nitrogen Reduction 766 lbs/yr
- Overall ranking Medium

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Funding Source	FY2021	Future	Total
FDEP	\$257,520	\$1,831,568	\$2,089,088
Other		\$1,013,980	\$1,013,980
Total	\$257,520	\$2,845,548	\$3,103,068



#### APP04 – FGUA Rainbow River – Rio Vista Septic to Sewer

Design, permitting, and construction of a sanitary sewer collection system which will remove from service a minimum of 333 existing septic tanks. Connection fees are included in the funding request.

- Nitrogen Reduction 3353 lbs/yr
- Overall ranking High

Funding			
Source	FY2021	Future	Total
FDEP	\$10,000,000		\$10,000,000





#### APP05 – FGUA Burkitt Road Septic to Sewer

Design, permitting, and construction of a sanitary sewer collection system which will remove from service a minimum of 11 existing septic tanks in the Burkitt Road area. Connection fees are included in the funding request.

- Nitrogen Reduction 111 lbs/yr
- Overall ranking Medium

Funding Source	FY2021	Future	Total
FDEP	\$350,000		\$350,000





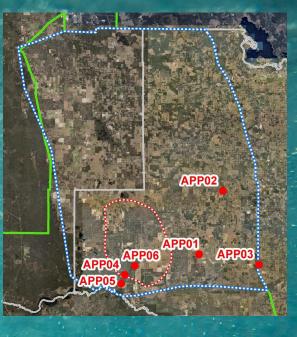
#### APP06 – FGUA 180<sup>th</sup> Ave Package Plant Abatement

Design, permitting, and construction of lift stations and other sewer system components to decommission the Dunnellon High School/Elementary School complex, Rainbow Springs State Park Campground, and Sateke Village package plants and connect to the City of Dunnellon wastewater system.

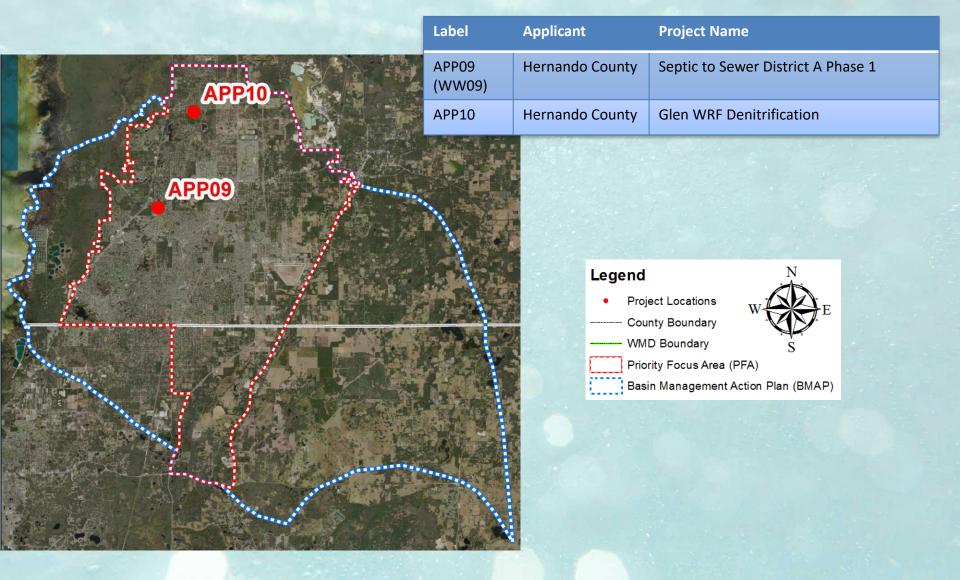
- Nitrogen Reduction 284 lbs/yr
- Overall ranking Medium

Funding Source	FY2021	Future	Total
FDEP	\$847,000		\$847,000





#### Weeki Wachee BMAP



#### APP09 (WW09) – Hernando County District A Phase 1 Septic to Sewer Project

Design, permitting, and construction of a sanitary sewer system which will remove from service a minimum of 363 existing septic tanks. Funding request includes tank abandonment, lateral lines from home to sewer and connection/assessment fees.

- Nitrogen Reduction 3,703 lbs/yr
- Overall ranking High

Funding Source	FY2021	Future	Total
FDEP	\$11,550,000		\$11,550,000
Hernando	\$2,475,000		\$2,475,000
Other	\$2,475,000		\$2,475,000
Total	\$16,500,000	о	\$16,500,000





#### APP10 – Hernando County Glen WWTP AWT Upgrade

Design, permitting, and construction of a 3 mgd advanced wastewater treatment components at the Hernando County Glen Regional Wastewater Treatment Plant.

- Nitrogen Reduction 24,592 lbs/yr
- Overall ranking High

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Funding Source	FY2021	Future	Total
FDEP	\$3,700,000		\$3,700,000
Hernando	\$1,300,000		\$1,300,000
Total	\$5,000,000	•	\$5,000,000



### Chassahowitzka/Homosassa BMAP

	APP13 APP12 APP11			
		Label	Applicant	Project Name
		APP11	City of Inverness	South Highlands Septic to Sewer
		APP12	City of Inverness	44 West Sewer Extension
and the second second		APP13	City of Inverness	41 North Sewer Extension
				bundary

#### APP11 – City of Inverness South Highlands Septic to Sewer Phase 1

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

- Nitrogen Reduction 695 lbs/yr
- Overall ranking Medium

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Funding Source	FY2021	Future	Total
FDEP	\$2,613,600		\$2,613,600
Inverness	\$653,400		\$653,400
Total	\$3,267,000	• •	\$3,267,000



#### **APP12 – City of Inverness** 44 West Sewer Extension System

Design, permitting, and construction of a sanitary sewer collection system which will remove from service a minimum of 54 septic tanks in the City's west service area. Connection fees are included in the funding request.

- Nitrogen Reduction 1,746 lbs/yr
- Overall ranking High

Funding Source	FY2021	Future	Total
FDEP	\$1,888,400		\$1,888,400
Inverness	\$472,100	<u>-</u>	\$472,100
Total	\$2,360,500	•	\$2,360,500





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#### **APP13 – City of Inverness 41 North Sewer Extension System**

Design, permitting, and construction of a sanitary sewer collection system which will remove from service a minimum of 67 septic tanks in the City's north service area. Connection fees are included in the funding request.

- Nitrogen Reduction 1,202 lbs/yr
- Overall ranking Medium

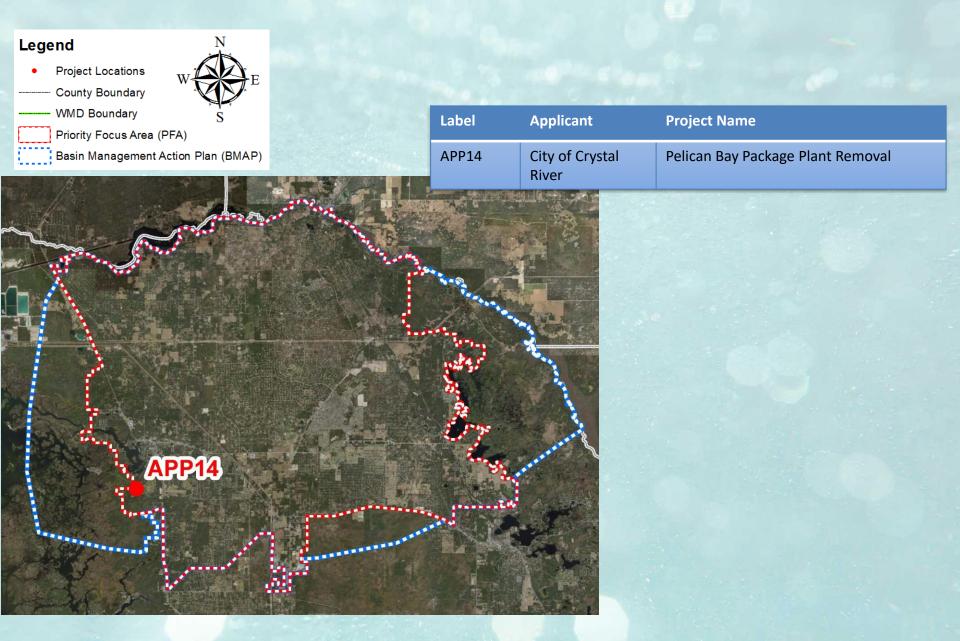
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Funding Source	FY2021	Future	Total
FDEP	\$3,264,800		\$3,264,800
Inverness	\$816,200	• . <del>.</del>	\$816,200
Total	\$4,081,000	-	\$4,081,000



### **Crystal River/Kings Bay BMAP**



#### APP14 – City of Crystal River Pelican Bay Package Plant Removal

Design, permitting and construction of a sewer system to connect and decommission the Pelican Bay package plant to the City of Crystal River wastewater system. Connection fees are included in the funding request.

- Nitrogen Reduction 47 lbs/yr
- Overall ranking Medium

Funding Source	FY2021	Future Total
FDEP -	\$440,000	- \$440,000





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

### FY 2021 Prioritization Matrix

	•									
Priorit	tization	Weighting	7	10	10	5	3	5		
	atrix	Highest Score	High	High	High	High	High	High		20
		Lowest Score	Low	Low	Low	Low	Low	Low	4	10
Current Rank	Project Nbr	Project Name	SPRING INFORMATION	PROJECT BENEFIT	COST EFFECTIVENESS	RELATED STRATEGIES	LOCAL MATCH	PROJECT READINESS	Total Score	Overall Ranking
1	APP10	Glen Water Reclamation Facility Denitrification	High	High	High	High	High	High	120	HIGH
2	APP04	Rainbow River - Rio Vista Septic to Sewer	High	High	High	High	Low	Low	104	HIGH
3	APP12	44 West Sewer Extension	Medium	Medium	High	High	Medium	High	100	HIGH
4	APP01	On Top of the World North Advanced <u>WWTF</u>	Medium	High	Medium	High	High	Medium	98	HIGH
5	APP09	Septic to Sewer District A Phase 1	High	High	Low	High	Medium	High	97	HIGH
6	APP13	41 North Sewer Extension	Medium	Medium	Medium	High	Medium	Medium	85	MEDIUM
7	APP05	Burkitt Road Septic to Sewer	High	Low	High	High	Low	Low	84	MEDIUM
8	APP03	Oak Bend 1-75 Water Quality Improvement	Medium	Medium	Medium	Low	High	High	83	MEDIUM
9	APP06	180th Ave Package Plant Abatement	High	Low	Medium	High	Low	Low	74	MEDIUM
9	APP14	Pelican Bay Package Plant Removal	High	Low	Low	High	Low	High	74	MEDIUM
11	APP02	NWRWWTF Expansion	Medium	Medium	Low	Low	High	High	73	MEDIUM
12	APP11	South Highlands Septic to Sewer	Medium	Low	Low	High	Medium	High	70	MEDIUM

# Management Committee Meetings

Proposed Dates	Objective
Aug 21, 2019	<ul> <li>FY21 Kickoff</li> <li>Approve: Meeting Dates</li> <li>Approve: Funding Process</li> </ul>
Oct 23, 2019	Review: Raw application information
Dec 11, 2019	Review: Preliminary Eval Review #1
<del>Jan 8, 2020</del>	<ul> <li>Review: Preliminary Eval Review #2</li> </ul>
Feb 26, 2020	Approve: Final Evals
May 27, 2020	Present: Springs Funding Lessons Learned
July 15, 2020	<ul> <li>FY22 Kickoff</li> <li>Approve: Meeting Dates</li> <li>Approve: Funding Process</li> </ul>



# Steering Committee Meetings

Proposed Dates	Objective
Aug 28, 2019	<ul> <li>FY21 Kickoff</li> <li>Approve: Meeting Dates</li> <li>Approve: FY21 Funding Process</li> </ul>
Nov 13, 2019	Present: Raw application information
Jan 29, 2020	Present: Preliminary Evals
March 18, 2020	Approve: Final Evals
July 29, 2020	<ul> <li>FY22 Kickoff</li> <li>Approve: Meeting Dates</li> <li>Approve: FY22 Funding Process</li> </ul>

