FDEP Springs Funding FY2021 Preliminary Evaluations and Rankings

December 11, 2019



Table of Contents

FY2021 Springs Funding Preliminary Evaluation and Ranking Summary	
APP01—Bay Laurel AWT WWTF Expansion and Reuse	
APP02—Marion County Northwest AWT WWTF	3
APP03—Marion County Oak Bend I-75 Water Quality Improvement Project	2
APP04—FGUA Rainbow River and Rio Vista Septic to Sewer Project	5
APP05—FGUA Burkitt Road Septic to Sewer Project	6
APP06—FGUA 180th Ave Package Plant Abatement	7
APP07—Hernando County Airport WWTP AWT Upgrade	8
APP08—Hernando County Airport WWTF Capacity Expansion	9
APP09—Hernando County District A Phase 1 Septic to Sewer	10
APP10—Hernando County Glen WWTP AWT Upgrade	11
APP11—City of Inverness South Highlands Septic to Sewer Phase 1 Project	12
APP12—City of Inverness 44 West Sewer Extension System Project	13
APP13—City of Inverness North 41 Sewer Extension System Project	14
APP14—City of Crystal River Pelican Bay Package Plan Removal	15

				FY2021 Springs F	unding Preli	iminary Evalı	uations	s aı	nd Rankings					
Page Number	Unit Number	Ranking	Applicant	Project	ВМАР	Nitrogen Reduction (lbs/yr)	Cost/lbs o TN/30 yr		FDEP FY2021 Request	WMD FY2021 Request	Local FY2021 Match	Other FY2021 Funding	Total 1	for FY2021
11	APP10	High	Hernando County	Glen Water Reclamation Facility Denitrification	Weeki Wachee	24,606	\$	7	\$ 3,700,000	\$ -	\$ 1,300,000	\$ -	\$	5,000,00
8	APP07	High	Hernando County	Airport WRF Total Nitrogen Reduction	Weeki Wachee	16,222	\$	21	\$ 7,500,000	\$ -	\$ 2,500,000	\$ -	\$	10,000,00
9	APP08	High	Hernando County	Airport WWTF Full Expansion	Weeki Wachee	14,145	\$	61	\$ 5,000,000	\$ -	\$ 18,000,000	\$ -	\$	23,000,00
13	APP12	High	City of Inverness	44 West Sewer Extension	Chassahowitzka- Homosassa	1,746	\$	45	\$ 1,888,400	\$ -	\$ 472,100	\$ -	\$	2,360,50
2	APP01	High	Bay Laurel CCDD	On Top of the World North Advanced WWTF*	Rainbow	15,484	\$ 1	112	\$ 450,000	\$ -	\$ 895,500	\$ -	\$	1,345,50
10	APP09	Med	Hernando County	Septic to Sewer District A Phase 1	Weeki Wachee	3,703	\$ 1	149	\$ 11,550,000	\$ -	\$ 2,475,000	\$ 2,475,000	\$	16,500,00
14	APP13	Med	City of Inverness	41 North Sewer Extension	Chassahowitzka- Homosassa	1,202	\$ 1	113	\$ 3,264,800	\$ -	\$ 816,200	\$ -	\$	4,081,00
5	APP04	Med	FGUA	Rainbow River - Rio Vista Septic to Sewer	Rainbow	3,312	\$ 1	101	\$ 10,000,000	\$ -	\$ -	\$ -	\$	10,000,00
6	APP05	Med	FGUA	Burkitt Road Septic to Sewer	Rainbow	111	\$ 1	105	\$ 350,000	\$ -	\$ -	\$ -	\$	350,00
7	APP06	Med	FGUA	180th Ave Package Plant Abatement	Rainbow	284	\$ 1	114	\$ 847,000	\$ -	\$ -	\$ -	\$	847,00
15	APP14	Med	City of Crystal River	Pelican Bay Package Plant Removal	Crystal River/ Kings Bay	48	\$ 3	306	\$ 440,000	\$ -	\$ -	\$ -	\$	440,00
3	APP02	Med	Marion County	NWRWWTF Expansion	Rainbow	2,077	\$ 2	250	\$ 6,850,000	\$ -	\$ 6,850,000	\$ -	\$	13,700,00
12	APP11	Med	City of Inverness	South Highlands Septic to Sewer*	Chassahowitzka- Homosassa	695	\$ 1	157	\$ 2,613,600	\$ -	\$ 653,400	\$ -	\$	3,267,00
4	APP03		Marion County	Oak Bend I-75 Water Quality Improvement*	Rainbow/Silver	766	\$ 1	135			\$ -	\$ -	\$	257,52
				*Multiyear Funding Request										
				Application Count: 14		84,401			\$ 54,711,320.00	\$ -	\$ 33,962,200.00	\$ 2,475,000.00	\$	91,148,52

Project No. APP01 Marion County	Bay Laurel	y Laurel (On Top of the World Ocala) AWT WWTP Expansion & Reuse FY20							
	\\/actou=1=	r Collection 9 To	ootmort.	Multive	Contract: Voc				
Project Type:	wastewate	r Collection & Tr	eatment DESCRIPTION		iyear Contract: Yes				
Description:	wastewater wastewater existing 1.2	treatment plant force main, a bio 5 mgd conventio	struction of a new a (WWTP) at the Or osolids treatment f onal WWTP. Fundin	2.50 mgd A Top of the acility and c ng is also re	dvanced Wastewater Tre World Ocala development other neccessary appurted equested for reclaimed was on main and control appu	nt, a lift standard nances to ater infras	ation, replace the tructure		
Costs:	Bay Laurel	,							
		PROJECT INFORMATION							
Spring Information:		The spring receiving benefit is Rainbow Springs and is designated an Oustanding Florida Spring. The spring is approximately 8 miles southwest of the project location. The project is within the Rainbow Springs BMAP boundary. The project is not within the Rainbow Springs PFA boundary.							
Project Benefit:	High	The benefit of this project will be the reduction of pollutant loads by an estimated 15,484 lbs/yr TN. for the 1.15 mgd of wastewater anticipated to be treated in 2025 and the supply of 0.36 mgd of additional reclaimed water beyond the 0.79 mgd required to be supplied by a previously District co-funded project (L786). This benefit calculation differs from the standard FDEP methodology as the calculation includes TN reductions for both the AWT facility and a biosolids removal component.							
Cost Effectiveness:	Medium	The estimated of	cost for this project	is \$112/lb	of TN.				
Related Strategies:	High	added in an upo			BMAP list of projects but	t is anticip	ated to be		
Local Match:	High	This project inc project cost.	ludes a local match	n in the amo	ount of \$26,100,000 which	n is 50% c	of the total		
Project Readiness:	Medium	This project is a	anticipated to begin	in 2021 an	d be completed in 2024.				
		C	OVERALL RANKING						
	High								
FUNDING									
Funding Source		Prior	FY2021		Future	Total			
Bay Laurel CDD	\$	-	\$	895,000	\$ 25,205,000	\$	26,100,000		
District	\$	-	\$	- \$			-		
FDEP	\$	-	\$	450,000 \$ 25,650,0		\$	26,100,000		
Other Total	\$ \$	- \$ - \$ - \$ - \$ 1,345,000 \$ 50,855,000 \$ 52							
างเลา	Ψ	-	\$	1,343,000	φ 50,855,000	Ψ	52,200,000		

Project No. APP02		larion County Northwest AWT WWTP Expansion FY2021					=>/222/	
Marion County	Marion Cou	arion County Northwest AWT WWTF Expansion F1202						
Project Type:	Wastewater	Collection & Tre		Multiyear	Contract: No			
			DESCRIPTION					
Description:					mgd) and upgrade to Adva			
					the Marion County Northwes a biosolids handling facility			
			,	,	ated to be \$15,583,032, how			
	,				ortion, as the County previous		,	
	\$1,883,032 i	n design and pe	ermitting.	•	•	•	ļ	
Costs:		ject cost: \$13,700,000 (Construction Only)						
		rict share: The county has requested \$3,425,000 all in FY2021 from the District through the						
	cooperative for FY2021	perative funding program. If approved by the District, it will reduce Marion County share to \$3,425,0						
	-	nty share: \$8.73	3 032 with \$1 883 i	132 in prior	years and \$6,850,000 in FY:	2021		
		: \$6,850,000 all		JOZ III PIIOI	year3 and φ0,000,000 m r 1.	2021		
	Total Design		nstruction Cost: \$1					
			JECT INFORMA					
Spring Information:	Medium	The spring receiving benefit is Rainbow Springs and is designated an Outstanding Flori						
		Spring. The spring is 13.5 miles southwest of the project location.						
		The project is within the Rainbow Springs BMAP boundary.						
		The project is not within the Rainbow Springs PFA boundary.						
Project Benefit:	Medium	1 0						
		TN. for the 0.07 mgd of wastewater anticipated to be treated in 2023.						
Cost Effectiveness:	Low	The estimated cost for this project is \$250/lb of TN.						
COSt Effectiveness.	LOW	The estimated t	bost for this project	13 ψ200/10 €	71 11 4.			
Related Strategies:	Low		not require connec					
				nbow River	BMAP list of projects but is a	anticipa	ited to be	
		added in an upo	aate. iver has an existing	~ MEI			ļ	
Local Match:	High			•	ount of \$5,308,032 which is 3	84% of t	the total	
Eodai Materi.	i iigii	project cost.	daes a local mater	i iii uic aiiic	απι οι φο,οσο,σο Σ wποπ ιο σ	7-70 OI I	ine total	
Dunicat Dandinger	∐iah		roiget is underway	and constru	ction is anticipated to begin	in 2020) and ha	
Project Readiness:	nign	completed in 20	,	and constru	ction is anticipated to begin	III 2020	and be	
		<u>'</u>						
		0	VERALL RANKI	NG				
	Medium							
			FUNDING					
Funding Source		rior	FY2021		Future	,	「otal	
		TIO	F 1202		Future		Otal	
Marion County	\$	1,883,032		6,850,000	\$ - \$		8,733,032	
District	\$	-	\$	-	- \$		- 0.050.00	
FDEP	\$					6,850,000		
Other Total	\$	-	\$	2 700 000	\$ - \$		45 500 000	
าบเลา	\$	- \$ 13,700,000 \$ - \$ 15,58					15,583,032	

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Project No. APP03	Ook Bond I	ak Bend I-75 Water Quality Improvement Project FY202								
Marion County	Oak Bend I	-75 Water Qual	ity improvement i	roject			FY2021			
Project Type:	Wastewate	Collection & Tre	eatment	Multiyear Contract: Yes						
			DESCRIPTION							
Description:					connect and decommiss					
					a package plant, to the M					
	request.	system. Connec	stion lees for the O	ak benu co	mmunity only are include	ed in the it	inding			
Costs:		t cost: \$3,103.06	68 (design, permitti	na. constru	ction, and connection fee	es)				
		nty share: \$0	oo (doolgii, poilliid		onorn, arra oornroonorn ro	30)				
	District shar	re: \$0								
		EP share: \$257,520 requested in FY2021 and \$1,831,568 requested in future years.								
		ner Funding: \$0 in FY2021 and \$1,013,980 in future years by FDOT (\$627,700) and Equity Lifestyle operties, Inc. (\$386,280).								
	Properties,	,	O IECT INFORM	ATION						
Spring Information:	Medium	PROJECT INFORMATION dium The spring receiving benefit is Silver Springs.								
opinig information.	Wiodiaiii	The spring receiving benefit is Sliver Springs. The spring is approximately 2 miles east of the project location.								
		The project is within the Silver Springs and Rainbow Springs Group BMAP boundary.								
		The project is not within the Silver Springs or Rainbow Springs Group PFA boundary.								
Project Benefit:	Low	The benefit of this project is the reduction of pollutant loads by an estimated 766 lbs/								
Cost Effectiveness:	Low	Low The estimated cost for this project is \$135/lb of TN.								
Related Strategies:	Low		not require connec							
			t is not listed in either Silver Springs or Rainbow Springs BMAP list of projects bu ed to be added in an update.							
			•		e an existing MFL.					
Local Match:	High	•				and Equit	ty Lifostylo			
Local Match.	i ligi i		h is 33% of the tota		t of \$1,013,980 from FDOT and Equity Lifestyle					
Project Readiness:	High			<u> </u>	d be completed in 2022.					
r rojost rtodamoss.	1 11911	. ,	VERALL RANK		a 50 00mplot0a m 2022.					
	Low		VEITALL ITAIN	110						
			FUNDAMA							
FUNDING										
Funding Source	1	Prior	FY2021		Future	٦	Γotal			
Marion County	\$	-	\$	-	\$ -	\$	-			
District FDEP	\$	-	\$	257 520	\$ 1,931,569	\$	2 000 000			
Other	\$ \$	-	\$ \$	257,520	\$ 1,831,568 \$ 1,013,980		2,089,088 1,013,980			
Total	\$		\$	257,520	' '		3,103,068			
· Jui	Ψ		Ψ	201,020	Ψ 2,040,040	Ψ	3,103,000			

Project No. APP04	Painbow P	iver and Rio Vista Septic-to-Sewer Project FY2021							
FGUA	Railibow R	iver and Nio vis	sta Septic-to-Sewe	r Froject		F12021			
Project Type:	Wastewate	r Collection & Tre			Contract: No				
Deparintion	Decise no	mitting and con	DESCRIPTION		llection system which will re	maya from comica			
Description.					re included in the funding re				
Costs:	FGUA shar District sha	e: \$0	000 (design, permit	ting, constru	action, and connection fees)				
			OJECT INFORM						
Spring Information:	High	Florida Spring. The spring is ap The project is w	oproximately 2 mile	s north of th Springs Gro	up BMAP boundary.	an Outstanding			
Project Benefit:	Medium	The benefit of the	his project is the re	duction of po	ollutant loads by an estimate	ed 3312 lbs/yr TN.			
Cost Effectiveness:	Medium	The estimated cost for this project is \$101/lb of TN.							
Related Strategies:	High		isted in the Rainbov liver has an existing		MAP list of projects and SW	'IM Plan.			
Local Match:	Low	This project doe	es not include a ma	tch.					
Project Readiness:	Low	This project is anticipated to begin in 2021 and be completed in 2022. This project is dependent on the rerating of the City's WRF to 0.50 MGD, anticipated in 2020. And a separate funded project to decommission the Rainbow Springs WRF and construct a forcemain prior to this project beginning. Construction has not begun on the previously funded project.							
	Medium	OVERALL RANKING							
FUNDING									
Funding Source	Prior FY2021 Future To								
FGUA	\$	-	\$	-	\$ - \$				
District	\$	- \$ - \$ - \$ -							
FDEP	\$	-		0,000,000	\$ - \$	10,000,000			
Other Total	\$ \$	- \$ - \$ - \$ -							
iotai	Þ	- \$ 10,000,000 \$ - \$ 10,000,000							

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Project No. APP05										
FGUA	Burkitt Roa	d Septic to Sev	wer Project				FY2021			
Project Type:	Wastewater	Collection & Tre			Contract: No	·				
			DESCRIPTION							
Description:		of 11 existing se			ollection system which will area. Connection fees are					
Costs:	Total project FGUA share District shar FDEP share	e: \$0 e: \$0	(design, permitting	ı, constructi	on, and connection fees)					
		PROJECT INFORMATION								
Spring Information:		Florida Spring. The spring is ap The project is w The project is n	The spring is approximately 3 miles north of the project location. The project is within the Rainbow Springs BMAP boundary. The project is not within the Rainbow Springs PFA boundary.							
Project Benefit:	Low	The benefit of this project is the reduction of pollutant loads by an estimated 111 lbs/yr TN								
Cost Effectiveness:	Medium	The estimated of	cost for this project	of TN.						
Related Strategies:	High				gs BMAP list of projects b has an existing MFL.	ut is antici	pated to be			
Local Match:	Low	This project doe	es not include a match.							
Project Readiness:	Low		ct is anticipated to begin in 2020 and be completed in 2021. It may not begin until Dunnellon WTF is rerated by FDEP to 0.50 MGD anctipated in 2020.							
		(OVERALL RANK	ING						
	Medium	<u>. </u>								
	FUNDING									
Funding Source	F	Prior	FY2021		Future	Т	otal			
FGUA	\$	-	\$	-	\$ -	\$	-			
District	\$	-	\$	-	-	\$	-			
FDEP	\$	-	\$	350,000 \$ - \$		•	350,000			
Other	\$	-	\$	-	- \$ - \$		-			
Total	\$	-	\$	350,000	\$ -	\$	350,000			

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Project Type: Wastewater Collection & Treatment Description: 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 provide connection to the City of Dunnellon wastewater system. Connection fees are not included in the funding request. Costs: Total Project cost: \$847,000 (Design, permitting, construction) City of Dunnellon/FGUA share: \$0 FDEP share: \$847,000 District Share: \$0 PROJECT INFORMATION Spring Information: High The spring receving the benefit is Rainbow Springs and is designated as an Outstanding Florida Spring. The spring is approximately 1.4 miles north-northwest of the project location. The project is within the Rainbow Springs BMAP boundary. The project is within the Rainbow Springs PFA boundary.	Project No. APP06	180th Ave Package Plant	h Ave Package Plant Abatement FY202								
Description: 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 provide connection to the City of Dunnellon wastewater system. Connection fees are not included in the funding request. Costs: Total Project cost: \$847,000 (Design, permitting, construction) City of Dunnellon/FGUA share: \$0 FDEP share: \$847,000 District Share: \$0 PROJECT INFORMATION Spring Information: High The spring receving the benefit is Rainbow Springs and is designated as an Outstanding Florida Spring. The spring is approximately 1.4 miles north-northwest of the project location. The project is within the Rainbow Springs BMAP boundary. The project is within the Rainbow Springs PFA boundary. Project Benefit: Low The benefit of this water quality project is the reduction of pollutant loads by an estimate 284 lbs/yr TN. Cost Effectiveness: Medium The estimated cost for this project is \$114/lb of TN. Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BM list of projects. Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin unthe City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020.	FGUA	- Toom 7.vo r donago r lanc	7130101110111		112021						
Description: 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 provide connection to the City of Dunnellon wastewater system. Connection fees are not included in the funding request. Costs: Total Project cost: \$847,000 (Design, permitting, construction) City of Dunnellon/FGUA share: \$0 FDEP share: \$847,000 District Share: \$0 PROJECT INFORMATION Spring Information: High The spring receving the benefit is Rainbow Springs and is designated as an Outstanding Florida Spring. The spring is approximately 1.4 miles north-northwest of the project location. The project is within the Rainbow Springs BMAP boundary. The project is within the Rainbow Springs PFA boundary. Project Benefit: Low The benefit of this water quality project is the reduction of pollutant loads by an estimate 284 lbs/yr TN. Cost Effectiveness: Medium The estimated cost for this project is \$114/lb of TN. Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BM list of projects. Local Match: Low This project does not include a local match. Project Readiness: Cow This project is anticipated to begin in 2020 and be completed in 2021. It may not begin up the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020.	Project Type:	Wastewater Collection & T		year Contract: No							
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Costs: Total Project cost: \$847,000 (Design, permitting, construction) City of Dunnellon/FGUA share: \$0 FDEP share: \$847,000 District Share: \$0 PROJECT INFORMATION Spring Information: High The spring receiving the benefit is Rainbow Springs and is designated as an Outstanding Florida Spring. The spring is approximately 1.4 miles north-northwest of the project location. The project is within the Rainbow Springs BMAP boundary. The project is within the Rainbow Springs PFA boundary. Project Benefit: Low The benefit of this water quality project is the reduction of pollutant loads by an estimate 284 lbs/yr TN. Cost Effectiveness: Medium The estimated cost for this project is \$114/lb of TN. Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BM list of projects. Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin us the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING			•								
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FDEP share: \$847,000 District Share: \$0 PROJECT INFORMATION Spring Information: High The spring receving the benefit is Rainbow Springs and is designated as an Outstanding Florida Spring. The spring is approximately 1.4 miles north-northwest of the project location. The project is within the Rainbow Springs BMAP boundary. The project is within the Rainbow Springs PFA boundary. Project Benefit: Low The benefit of this water quality project is the reduction of pollutant loads by an estimate 284 lbs/yr TN. Cost Effectiveness: Medium The estimated cost for this project is \$114/lb of TN. Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BM list of projects. Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin us the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING											
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Spring Information: High The spring receving the benefit is Rainbow Springs and is designated as an Outstanding Florida Spring. The spring is approximately 1.4 miles north-northwest of the project location. The project is within the Rainbow Springs BMAP boundary. The project is within the Rainbow Springs PFA boundary. Project Benefit: Low The benefit of this water quality project is the reduction of pollutant loads by an estimate 284 lbs/yr TN. Cost Effectiveness: Medium The estimated cost for this project is \$114/lb of TN. Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BM list of projects. Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin up the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING											
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The spring is approximately 1.4 miles north-northwest of the project location. The project is within the Rainbow Springs BMAP boundary. The project is within the Rainbow Springs PFA boundary. Project Benefit: Low The benefit of this water quality project is the reduction of pollutant loads by an estimate 284 lbs/yr TN. Cost Effectiveness: Medium The estimated cost for this project is \$114/lb of TN. Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BM list of projects. Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin up the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING	Spring Information:										
The project is within the Rainbow Springs BMAP boundary. The project is within the Rainbow Springs PFA boundary. Project Benefit: Low The benefit of this water quality project is the reduction of pollutant loads by an estimate 284 lbs/yr TN. Cost Effectiveness: Medium The estimated cost for this project is \$114/lb of TN. Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BM list of projects. Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin us the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING Medium											
The project is within the Rainbow Springs PFA boundary. Project Benefit: Low The benefit of this water quality project is the reduction of pollutant loads by an estimate 284 lbs/yr TN. Cost Effectiveness: Medium The estimated cost for this project is \$114/lb of TN. Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BN list of projects. Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin up the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING Medium											
284 lbs/yr TN. Cost Effectiveness: Medium The estimated cost for this project is \$114/lb of TN. Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BN list of projects. Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin us the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING Medium											
Cost Effectiveness: Medium The estimated cost for this project is \$114/lb of TN. Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BN list of projects. Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin to the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING Medium	Project Benefit:		· · · · · · · · · · · · · · · · · · ·								
Related Strategies: High This project is listed in the Rainbow Springs Group and Rainbow Springs Group Run BN list of projects. Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin us the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING Medium		,	284 lbs/yr TN.								
Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin to the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING Medium	Cost Effectiveness:	Medium The estimated	cost for this project is \$17	14/lb of TN.							
Local Match: Low This project does not include a local match. Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin us the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING Medium	Related Strategies:	. ,	-	ings Group and Rainbow Springs Gr	oup Run BMAP						
Project Readiness: Low This project is anticipated to begin in 2020 and be completed in 2021. It may not begin us the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING Medium		` ′									
the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020. OVERALL RANKING Medium					not begin until						
OVERALL RANKING Medium	Project Readiness:										
Medium				·							
			OVERALL RANKING								
FUNDING		Medium									
FUNDING											
FUNDING											
Funding Source Prior FY2021 Future Total	Funding Source	Prior	FY2021	Future	Total						
FGUA \$ - \$ - \$				-							
District \$ - \$ - \$											
FDEP \$ - \$ 847,000 \$ - \$ 847 Other \$ - \$ - \$ - \$		· · · · · · · · · · · · · · · · · · ·	- \$ 847,000 \$ - \$ 847,000 - \$ - \$ - \$								
					847,000						

Project No. APP07	11	Hernando County Airport WWTP AWT Upgrade FY20									
Hernando County	Hernando	County Airport	WWIPAW	i Upgrade			FY2021				
Project Type:	Wastewate	r Collection & Tr			Contract: No						
	ls :		DESCRIP		1111	. (4)4(7)					
Description:					ed Wastewater Treatme astewater Treatment Pla		ner				
	·		•	. •	imit of 3 mg/l Total Nitrig						
	•	•		•	roject, the wastewater tre	eatmenter	ıt plant				
	expansion	s not included in	n this funding	request.							
Costs:	Total projed	ct cost: \$10,000,	000 (Design	, Permitting, Cons	struction)						
		County share: \$2	,								
	District sha	re: \$0 e: \$7,500,000 al	l in EV2021								
	I DEF SHAF	e. \$7,500,000 ai	1111112021								
		PROJECT INFORMATION									
Spring Information:	High	The spring receving the benefit is Weeki Wachee Spring and is designated and									
		Outstanding Florida Spring. The spring is approximately 7 miles west of the project location.									
		The spring is approximately 7 miles west of the project location. The project is within the Weeki Wachee BMAP boundary.									
	The project is within the Weeki Wachee PFA boundary.										
Project Benefit:											
		lbs/yr TN. for the 2.63 mgd of wastewater anticipated to be treated in 2023.									
Cost Effectiveness:	High	The estimated	cost for this	oroject is \$21/lb c	f TN.						
Related Strategies:	High	This project is li	isted in the \	Veeki Wachee B	MAP list of projects.						
rtolatoa etratogioer	g			has an existing N	• •						
Local Match:	Medium	This project inc	ludes a loca	match in the am	ount of \$2,500,000 which	n is 25% c	of the total				
		project cost.									
Project Readiness:	High		s project is underway and construction is anticipated to begin in 2020 and be								
		completed in 20									
	High	Ο,	VERALL R	ANKING							
	підп										
	FUNDING										
Funding Source	١	Prior	F	Y2021	Future	1	otal				
Hernando County	\$	-	\$	2,500,000	\$ -	\$	2,500,000				
District	\$	-	\$		\$ -	\$	-				
FDEP Other	\$ \$										
Total	\$	-	\$ \$	10,000,000	\$ -	\$	10,000,000				
1001	ĮΨ	-	Ψ	10,000,000	Ψ -	Ψ	10,000,000				

Project No. APP08			MATERIA							
Hernado County	Hernando	County Airport	WWTP Capacity	Expansion			FY2021			
Project Type:	Wastewate	r Collection & Tr			Contract: No					
			DESCRIPTION							
Description:		_			nsion (from 3.5 to 6.0 mg					
		•			nty Airport Regional Wa					
					pacity. Funding is reque					
					t, as advanced wastewa	iter treatm	ent (AWT)			
	component	s are not include	ed in this funding r	equest.						
Costs:	Total projed	ct cost: \$26,000,	000 (Design, Perr	nitting, Con	struction)					
	Hernando (ando County share: \$18,000,000								
	District sha	ict share: \$0								
	State Appro	opriation: \$3,000	,000 in FY2020							
	FDEP shar	EP share: \$5,000,000 all in FY2021								
	li ii	PROJECT INFORMATION The spring receiving the benefit is Weeki Wachee Spring and is designated an								
Spring Information:	High			s Weeki Wa	achee Spring and is des	ignated an	1			
		Outstanding Florida Spring.								
		The spring is approximately 7 miles west of the project location.								
		The project is within the Weeki Wachee BMAP boundary.								
		The project is within the Weeki Wachee PFA boundary.								
Project Benefit:	pject Benefit: High The benefit of this project will be the reduction of pollutant loads by an estimated									
		14,145lbs/yr TN. for the 0.86 mgd of wastewater anticipated to be diverted from Spring WWTP and treated at the Airport WWTP in 2023.								
		WW IP and tre	ated at the Airport	WW IP IN 2	2023.					
Cost Effectiveness:	High	The estimated	cost for this projec	t is \$61/lb c	of TN.					
Related Strategies:	High	This project is I	isted in the Week	Wachee R	MAP list of projects.					
Relateu Strategies.	riigii		chee Spring has a							
Local Match:	Medium		ludes a local mate	ch in the am	ount of \$21,000,000 wh	ich is 81%	of the total			
		project cost.								
Project Readiness:	High	Design of this p	project is underwa	and const	ruction is anticipated to	begin in 20	020 and be			
	Ĭ	completed in 20	022.		·	_				
		0	VERALL RANK	NG						
	High		VERALL RAIN	110						
	i iigii									
FUNDING										
Funding Source		Prior	FY202	1	Future	1	Γotal			
Hernando County	\$	-	\$ 1	8,000,000	\$ -	\$	18,000,000			
District	\$	-	\$	-	\$ -	\$				
FDEP	\$	-	\$	5,000,000	\$ -	\$	5,000,000			
Other (State Appropriation)	\$	3,000,000	\$	-	\$ -	\$	3,000,000			
Total	\$	3,000,000	\$ 2	23,000,000	\$ -	\$	26,000,000			

Project No. APP09										
Hernando County	Hernando	County Distroi	it A Phase 1	Septic to Sewe	r Project		FY2021			
Project Type	Waste Wa	ter Collection &	Treatment	Multiyear (Contract: No					
			DESCRIP							
					system which will remove					
					mercial tanks, within the					
		a. This project ac ection/assessme	•	iudes lank aban	donment, lateral lines fro	in nome i	o sewer,			
Costs:				ın, perrmitting, c	onstruction, tank abando	nment. co	onnection			
000.01	fees)									
	Hernando	Hernando County share: \$2,475,000 all in FY2021								
		re: \$11,550,000		I						
		re: \$2,475,000 a		J 000 475 000 -U	Lin EVOCA frame the Diet		nin din n			
		,	•		I in FY2021 from the Dist t, it will reduce the Other	•	_			
	Cooperativ	e fullding progre	ант. п арргом	ed by the District	i, it will reduce the Other	Silaic by	ψ ∠ ,+13,000.			
	PROJECT INFORMATION									
Ranking										
Spring Information:										
	Outstanding Florida Spring.									
	The spring is approximately 1.14 miles west of the project location.									
	The project is within the Weeki Wachee BMAP boundary. The project is within the Weeki Wachee PFA boundary.									
Project Benefit:	Medium									
r roject benefit.	Mediam		-		nodology deviates from the	_				
							9			
Cost Effectiveness:	Low	The estimated	cost for this p	roject is \$149/lb	of TN.					
Related Strategies:	High	This project is I	isted in the W	/eeki Wachee B	MAP list of projects.					
Local Match	Modium	This project inc	ludos a losal	match in the am	ount of \$2,475,000 which	h io 150/	of the total			
Local Watch	ivieululli	project cost.	iuu c s a local	maton in the affi	iount or φ∠,475,000 WNIC	1115 1370 (ว่า แาษ เบเสโ			
Project Readiness:	High		anticipated to	begin in 2020 a	nd be completed in 2024					
- 1 10 jost Reddiness.					20 00111110100 111 2024	•				
	Medium		OVERALL R	ANKING						
	IVICUIUIII									
FUNDING										
Funding Source	Funding Source Prior FY2021 Future Total									
Hernando County	\$	-	\$	2,475,000	-	\$	2,475,000			
District FDEP	\$ - \$ - \$ - \$ \$ 11,550,000 \$ - \$ 11,55				11,550,000					
Other	\$	-	\$	2,475,000	- S -	\$	2,475,000			
Total	\$	-	\$	16,500,000	\$ -	\$	16,500,000			
i Otai	Ψ	-	φ	10,500,000	Ψ -	μ	10,000,000			

11 of 16

Project No. APP10		ando County Glen WWTP AWT Upgrade FY2021							
Hernando County	Hernando	County Glen W	WIPAWIU	pgrade		FY2021			
Project Type:	Wastewate	r Collection & Tr	reatment	Multiyear	Contract: No				
			DESCRIP1	ION					
Description:	components neccessary requested f	s at the Hernand appurtenances	do County Gle to achieve th	en Regional Was e AWT nutrient l	ced Wastewater Treatme stewater Treatment Plant imit of 3 mg/l Total Nitrig sewater treatmentent plar	and other en. Funding is			
Costs:	Hernando (District sha	County share: \$1	1,300,000 all i	Permitting, Const n FY2021	truction)				
		PROJECT INFORMATION							
Spring Information:	High	The spring receiving the benefit is Weeki Wachee Spring and is designated an Outstanding Florida Spring. The spring is approximately 5 miles southwest of the project location. The project is within the Weeki Wachee BMAP boundary. The project is within the Weeki Wachee PFA boundary.							
Project Benefit:	High	The benefit of this project will be the reduction of pollutant loads by an estimated 24,606 lbs/yr TN. for the 2.20 mgd of wastewater anticipated to be treated in 2023.							
Cost Effectiveness:	High	The estimated	cost for this p	roject is \$7/lb of	TN.				
Related Strategies:	High			eeki Wachee B nas an existing N	MAP list of projects. IFL.				
Local Match:	High	This project inc project cost.	ludes a local	match in the am	ount of \$1,300,000 which	n is 26% of the total			
Project Readiness:	High	This project is a	anticipated to	begin in 2021 a	nd be completed in 2023				
		_0	VERALL RA	NKING					
High									
			FUNDIN	G					
Funding Source		Prior	FY	2021	Future	Total			
Hernando County	\$	- \$ 1,300,000 \$ - \$							
District	\$	- \$ - \$ - \$							
FDEP	\$	- \$ 3,700,000 \$ - \$ 3,700,000							
Other	\$	- \$ - \$ - \$							
Total	\$	-	\$	5,000,000	\$ -	\$ 5,000,000			

Project No. App 11	Courth Highlands Courtis to Course Phase 4								
City of Inverness	South Highlands Septic to Sewer Phase 1 FY2021						F 1 2021		
Project Type:	Wastewater Collection & Treatment Multiyear Contract: No								
DESCRIPTION									
Description:	Deisgn, permitting and construction of a sanitary sewer collection system which will remove for service a minimum of 69 residential septic tanks existing in the City of Inverness south service area. Connection fees are included in the funding request. This project is Phase 1 of 5 and future requests are anticipated for a total cost of \$21,889,500.								
Costs:	Total project cost: \$3,267,000 (deisgn, permitting, construction and connection fees) City of Inverness share: \$653,400 all in FY2021 District share: \$0 FDEP share: \$2,613,600 all in FY2021								
			DJECT INFORM						
Spring Information:	Medium The spring receiving the benefit is the Chasshowitzka-Homosassa Spring and is designated as an Outstanding Florida Spring. The spring is approximately 16 miles from the project. The project is within the Chassahowitza-Homosassa Spring BMAP boundary. The project is not within the Chassahowitza-Homosassa Spring PFA boundary.								
Project Benefit:	Low The benefit of this project is the reduction of pollutant loads by an estimated 695 lbs/yr TN.								
Cost Effectiveness:	Low	.ow The estimated cost for first phase of this project is \$157 per lb of TN.							
Related Strategies:	High	This project is not listed in the Chassahowitzka-Homosassa BMAP list of projects but is anticipated to be added in the next update. The Chassahowitzka-Homosassa Spring has an existing MFL.							
Local Match:	Medium	edium This project includes a local match in the amount of \$653,400 which is 19% of the total project cost							
Project Readiness:	High This project is anticipated to begin in 2021 and be completed in 2023.								
	OVERALL RANKING Medium								
FUNDING									
Funding Source	Prior		FY2021		Future	7	Γotal		
City of Inverness	\$	-	\$	653,400	\$ -	\$	653,400		
District	\$	-	\$	-	\$ -	\$	-		
FDEP	\$	-		2,613,600	\$ -	\$	2,613,600		
Other	\$	-	\$	- 007 000	\$ -	\$	- 0.007.000		
Total	\$	-	\$	3,267,000	\$ -	\$	3,267,000		

Project No. App 12 City of Inverness	44 West Sewer Extension System FY202					FY2021		
Project Type:	Wastewater Collection & Treatment Multiyear Contract: No							
DESCRIPTION								
Description:	Design, permitting and construction of a sanitary sewer collection system which will remove from service a minimum of 53 septic tanks existing in the City of Inverness west service area which include 45 commerical septic tanks and 9 residential septic tanks. Connection fees are included in the funding request.							
Costs:	Total Project Cost: \$2,360,500 (design, permitting, construction, and connection fees) City of Inverness share: \$472,100 all in FY2021 District share: \$0 FDEP share: \$1,888,400 all in FY2021 PROJECT INFORMATION							
Spring Information:								
Project Benefit:	Medium	The benefit of this project is the reduction of pollutant loads by an estiamted 1,746 lbs/yr TN.						
Cost Effectiveness:	High	gh The estimated cost for this project is \$45 per lb of TN.						
Related Strategies:	•	This project is not listed in the Chassahowitzka-Homosassa BMAP list of projects but is anticipated to be added in the next update. The Chassahowitzka-Homosassa Spring has an existing MFL.						
Local Match:		edium This project includes a local match in the amount of \$472,100 which is 20% of the total project cost.						
Project Readiness:	High	This project is anticipated to begin 2021 and be completed in 2023.						
OVERALL RANKING								
	High							
FUNDING								
Funding Source	Prior		FY2021		Future	1	Total	
City of Inverness	\$ -		\$	472,100	\$ -	\$	472,100	
District	\$ -		\$	-	\$ -	\$	-	
FDEP	\$	-		1,888,400	\$ -	\$	1,888,400	
Other	\$	-	\$	-	\$ -	\$		
Total	\$	-	\$	2,360,500	\$ -	\$	2,360,500	

Project No. App 13	Novth 44 C	Futancian	Duningt				EV2024	
City of Inverness	North 41 Sewer Extension Project FY202							
Project Type:	Wastewater Collection & Treatment Multiyear Contract: No							
DESCRIPTION								
Description:	Design, permitting and construction of a sanitary sewer collection system which wil remove for service a minimum of 67 septic tanks existing in the City of Inverness north service area which include 33 commercial septic tanks and 34 residential septic tanks. Connection fees are included in the funding request.							
Costs:	Total Project Cost: \$4,081,000 (design, permitting, construction, and connection fees) City of Inverness share: \$816,200 all in FY2021 District share: \$0 FDEP share: \$3,264,800 all in FY2021							
		PR	OJECT INFORM	ATION				
Spring Information:	Medium The spring receiving the benefit is the Chasshowitzka-Homosassa Spring and is designated as an Outstanding Florida Spring. The spring is approximately 14.5 miles from the project. The project is within the Chassahowitza-Homosassa Spring BMAP boundary. The project is not within the Chassahowitza-Homosassa Spring PFA boundary.							
Project Benefit:	Medium The benefit of this project is the reduction of pollutant loads by an estimated 1,202 lbs/yr TN.							
Cost Effectiveness:	Medium	Medium The estimated cost for the project is \$113 per lb of TN.						
Related Strategies:	High	This project is not listed in the Chassahowitzka-Homosassa BMAP list of projects but is anticipated to be added in the next update. The Chassahowitzka-Homosassa Spring has an existing MFL.						
Local Match:	Medium	, ,						
Project Readiness:	, ,							
	OVERALL RANKING							
	Medium							
FUNDING								
Funding Source		Prior	FY2021		Future	1	Γotal	
City of Inverness	\$	-	\$	816,200	\$ -	\$	816,200	
District	\$	-	\$	-	\$ -	\$	-	
FDEP Other	\$	-	\$	3,264,800	\$ -	\$	3,264,800	
Other	\$	-	\$	- 4 004 000	\$ -	\$	4 004 000	
Total	\$	-	\$	4,081,000	\$ -	\$	4,081,000	

Project No. APP14								
City of Crystal River	Pelican Bay Package Plant Removal F						FY2021	
Project Type	Waste Water Collection & Treatment Multiyear Contract: No							
DESCRIPTION								
	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.							
Costs:	Total Project Cost: \$440,000 (Design, perrmitting, construction, and connection fees) Crystal River share: \$0 FDEP share: \$440,000 District Share: \$0							
PROJECT INFORMATION Ranking								
Spring Information:	High I	$\overset{\smile}{\circ}$,						
Project Benefit:	Low The benefit of this water quality project is the reduction of pollutant loads by an estimated 48 lbs/yr TN. The benefit calculation methodology deviates from the FDEP guidance.							
Cost Effectiveness:	Low	w The estimated cost for this project is \$306/lb of TN.						
Related Strategies:	High	This project is listed in the Crystal River/Kings Bay BMAP list of projects						
Local Match	Low	This project does not include a local match.						
Project Readiness:	High The project is anticipated to begin in 2021 and be completed in 2022.							
OVERALL RANKING								
	Med	ed						
FUNDING								
Funding Source	Prior		FY2021		Future		Гotal	
Crystal River	\$	-	\$	-	\$ -	\$	-	
District	\$	-	\$	-	-	\$	-	
FDEP	\$	-	\$	440,000	-	\$	440,000	
Other	\$	-	\$		-	\$	-	
Total	\$	-	\$	440,000	-	\$	440,000	