

FDEP Springs Funding FY2021 Preliminary Evaluations and Rankings

December 11, 2019



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Southwest Florida
Water Management District

#MySprings

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FY2021 Springs Funding Preliminary Evaluations and Rankings												
Page Number	Unit Number	Ranking	Applicant	Project	BMAP	Nitrogen Reduction (lbs/yr)	Cost/lbs of TN/30 yrs	FDEP FY2021 Request	WMD FY2021 Request	Local FY2021 Match	Other FY2021 Funding	Total for FY2021
11	APP10	High	Hernando County	Glen Water Reclamation Facility Denitrification	Weeki Wachee	24,606	\$ 7	\$ 3,700,000	\$ -	\$ 1,300,000	\$ -	\$ 5,000,000
8	APP07	High	Hernando County	Airport WRF Total Nitrogen Reduction	Weeki Wachee	16,222	\$ 21	\$ 7,500,000	\$ -	\$ 2,500,000	\$ -	\$ 10,000,000
9	APP08	High	Hernando County	Airport WWTF Full Expansion	Weeki Wachee	14,145	\$ 61	\$ 5,000,000	\$ -	\$ 18,000,000	\$ -	\$ 23,000,000
13	APP12	High	City of Inverness	44 West Sewer Extension	Chassahowitzka-Homosassa	1,746	\$ 45	\$ 1,888,400	\$ -	\$ 472,100	\$ -	\$ 2,360,500
2	APP01	High	Bay Laurel CCDD	On Top of the World North Advanced WWTF*	Rainbow	15,484	\$ 112	\$ 450,000	\$ -	\$ 895,500	\$ -	\$ 1,345,500
10	APP09	Med	Hernando County	Septic to Sewer District A Phase 1	Weeki Wachee	3,703	\$ 149	\$ 11,550,000	\$ -	\$ 2,475,000	\$ 2,475,000	\$ 16,500,000
14	APP13	Med	City of Inverness	41 North Sewer Extension	Chassahowitzka-Homosassa	1,202	\$ 113	\$ 3,264,800	\$ -	\$ 816,200	\$ -	\$ 4,081,000
5	APP04	Med	FGUA	Rainbow River - Rio Vista Septic to Sewer	Rainbow	3,312	\$ 101	\$ 10,000,000	\$ -	\$ -	\$ -	\$ 10,000,000
6	APP05	Med	FGUA	Burkitt Road Septic to Sewer	Rainbow	111	\$ 105	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000
7	APP06	Med	FGUA	180th Ave Package Plant Abatement	Rainbow	284	\$ 114	\$ 847,000	\$ -	\$ -	\$ -	\$ 847,000
15	APP14	Med	City of Crystal River	Pelican Bay Package Plant Removal	Crystal River/ Kings Bay	48	\$ 306	\$ 440,000	\$ -	\$ -	\$ -	\$ 440,000
3	APP02	Med	Marion County	NWRWWTF Expansion	Rainbow	2,077	\$ 250	\$ 6,850,000	\$ -	\$ 6,850,000	\$ -	\$ 13,700,000
12	APP11	Med	City of Inverness	South Highlands Septic to Sewer*	Chassahowitzka-Homosassa	695	\$ 157	\$ 2,613,600	\$ -	\$ 653,400	\$ -	\$ 3,267,000
4	APP03	Low	Marion County	Oak Bend I-75 Water Quality Improvement*	Rainbow/Silver	766	\$ 135	\$ 257,520	\$ -	\$ -	\$ -	\$ 257,520
				*Multiyear Funding Request								
				Application Count: 14		84,401		\$ 54,711,320.00	\$ -	\$ 33,962,200.00	\$ 2,475,000.00	\$ 91,148,520
								Last Updated:	11/27/2019			

FY2021 Springs Funding Preliminary Evaluation

Project No.	APP01	Bay Laurel (On Top of the World Ocala) AWT WWTP Expansion & Reuse				FY2021
Marion County						
Project Type:	Wastewater Collection & Treatment		Multiyear Contract:	Yes		
DESCRIPTION						
Description:	Design, Permitting and Construction of a new 2.50 mgd Advanced Wastewater Treatment (AWT) wastewater treatment plant (WWTP) at the On Top of the World Ocala development, a lift station, wastewater force main, a biosolids treatment facility and other neccessary appurtenances to replace the existing 1.25 mgd conventional WWTP. Funding is also requested for reclaimed water infrastructure including a 5 mg storage tank, a pump station, transmission main and control appurtenances.					
Costs:	Total project cost: \$52,200,000 (Design, permitting, and construction) Bay Laurel share: \$26,100,000 (\$895,000 in FY2021 and \$25,205,000 in future FYs) FDEP share: \$26,100,000 (\$450,000 requested in FY2021 and \$25,650,000 anticipated to be requested in future FYs)					
PROJECT INFORMATION						
Spring Information:	Medium	The spring receiving benefit is Rainbow Springs and is designated an Outstanding 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 cost for this project is \$112/lb of TN.				
Related Strategies:	High	This project is not listed in the Rainbow River BMAP list of projects but is anticipated to be added in an update. The Rainbow River has an existing MFL.				
Local Match:	High	This project includes a local match in the amount of \$26,100,000 which is 50% of the total project cost.				
Project Readiness:	Medium	This project is anticipated to begin in 2021 and be completed in 2024.				
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	\$ 25,650,000	\$ 26,100,000		
Other	\$ -	\$ -	\$ -	\$ -		
Total	\$ -	\$ 1,345,000	\$ 50,855,000	\$ 52,200,000		

FY2021 Springs Funding Preliminary Evaluation

Project No.	APP02	Marion County Northwest AWT WWTP Expansion			FY2021
Marion County					
Project Type:		Wastewater Collection & Treatment	Multiyear Contract: No		
DESCRIPTION					
Description:		Construction of a new 0.80 mgd expansion (from 0.2 to 0.8 mgd) and upgrade to Advanced Wastewater Treatment (AWT) wastewater treatment plant (WWTP) at the Marion County Northwest Regional Wastewater Treatment Plant, including a lift station rehab, a biosolids handling facility and other necessary appurtenances. Overall project costs are estimated to be \$15,583,032, however the County is only requesting funding for the \$13,700,000 construction portion, as the County previously funded \$1,883,032 in design and permitting.			
Costs:		Total project cost: \$13,700,000 (Construction Only) District share: The county has requested \$3,425,000 all in FY2021 from the District through the cooperative funding program. If approved by the District, it will reduce Marion County share to \$3,425,000 for FY2021 Marion County share: \$8,733,032 with \$1,883,032 in prior years and \$6,850,000 in FY2021 FDEP share: \$6,850,000 all in FY2021 Total Design, Permitting, Construction Cost: \$15,583,032			
PROJECT INFORMATION					
Spring Information:		Medium	The spring receiving benefit is Rainbow Springs and is designated an Outstanding Florida 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	The benefit of this project will be the reduction of pollutant loads by an estimated 2,077 lbs/yr 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.		
Related Strategies:		Low	Applicant does not require connection to available sewer. This project is not listed in the Rainbow River BMAP list of projects but is anticipated to be added in an update. The Rainbow River has an existing MFL.		
Local Match:		High	This project includes a local match in the amount of \$5,308,032 which is 34% of the total project cost.		
Project Readiness:		High	Design of the project is underway and construction is anticipated to begin in 2020 and be completed in 2022.		
OVERALL RANKING					
		Medium			
FUNDING					
Funding Source	Prior	FY2021	Future	Total	
Marion County	\$ 1,883,032	\$ 6,850,000	\$ -	\$ 8,733,032	
District	\$ -	\$ -	\$ -	\$ -	
FDEP	\$ -	\$ 6,850,000	\$ -	\$ 6,850,000	
Other	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ 13,700,000	\$ -	\$ 15,583,032	

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FY2021 Springs Funding Preliminary Evaluation

Project No.	APP03	Oak Bend I-75 Water Quality Improvement Project			FY2021
Marion County					
Project Type:		Wastewater Collection & Treatment	Multiyear Contract:	Yes	
DESCRIPTION					
Description:		Design, permitting, and construction of a sewer system to connect and decommission two package plants, Oak Bend package plant and FDOT I-75 Rest Area package plant, to the Marion County wastewater system. Connection fees for the Oak Bend community only are included in the funding request.			
Costs:		Total project cost: \$3,103,068 (design, permitting, construction, and connection fees) Marion County share: \$0 District share: \$0 FDEP share: \$257,520 requested in FY2021 and \$1,831,568 requested in future years. Other Funding: \$0 in FY2021 and \$1,013,980 in future years by FDOT (\$627,700) and Equity Lifestyle Properties, Inc. (\$386,280).			
PROJECT INFORMATION					
Spring Information:		Medium	The spring receiving benefit is Silver 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/yr TN.		
Cost Effectiveness:		Low	The estimated cost for this project is \$135/lb of TN.		
Related Strategies:		Low	Applicant does not require connection to available sewer. This project is not listed in either Silver Springs or Rainbow Springs BMAP list of projects but is anticipated to be added in an update. Both Silver Springs and Rainbow Springs have an existing MFL.		
Local Match:		High	This project includes a match in the amount of \$1,013,980 from FDOT and Equity Lifestyle Properties which is 33% of the total project cost.		
Project Readiness:		High	This project is anticipated to begin in 2020 and be completed in 2022.		
OVERALL RANKING					
		Low			
FUNDING					
Funding Source		Prior	FY2021	Future	Total
Marion County		\$ -	\$ -	\$ -	\$ -
District		\$ -	\$ -	\$ -	\$ -
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

FY2021 Springs Funding Preliminary Evaluation

Project No.	APP04	Rainbow River and Rio Vista Septic-to-Sewer Project			FY2021
FGUA					
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 333 existing septic tanks. Connection fees are included in the funding request.			
Costs:		Total project cost: \$10,000,000 (design, permitting, construction, and connection fees) FGUA share: \$0 District share: \$0 FDEP share: \$10,000,000			
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 2 miles north of the project location. The project is within the Rainbow Springs Group BMAP boundary. The project is within the Rainbow Springs PFA boundary.		
Project Benefit:		Medium	The benefit of this project is the reduction of pollutant loads by an estimated 3312 lbs/yr TN.		
Cost Effectiveness:		Medium	The estimated cost for this project is \$101/lb of TN.		
Related Strategies:		High	This project is listed in the Rainbow Springs BMAP list of projects and SWIM Plan. The Rainbow River has an existing MFL.		
Local Match:		Low	This project does not include a match.		
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.		
OVERALL RANKING					
		Medium			
FUNDING					
Funding Source	Prior	FY2021	Future	Total	
FGUA	\$ -	\$ -	\$ -	\$ -	
District	\$ -	\$ -	\$ -	\$ -	
FDEP	\$ -	\$ 10,000,000	\$ -	\$ 10,000,000	
Other	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ 10,000,000	\$ -	\$ 10,000,000	

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FY2021 Springs Funding Preliminary Evaluation

Project No.	APP05				FY2021
FGUA	Burkitt Road Septic to Sewer Project				
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 11 existing septic tanks in the Burkitt Road area. Connection fees are included in the funding request.				
Costs:	Total project cost: \$350,000 (design, permitting, construction, and connection fees) FGUA share: \$0 District share: \$0 FDEP share: \$350,000				
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 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 cost for this project is \$105/lb of TN.			
Related Strategies:	High	This project is not listed in the Rainbow Springs BMAP list of projects but is anticipated to be added in the next update. The Rainbow River has an existing MFL.			
Local Match:	Low	This project does not include a match.			
Project Readiness:	Low	This project is anticipated to begin in 2020 and be completed in 2021. It may not begin until the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020.			
OVERALL RANKING					
	Medium				
FUNDING					
Funding Source	Prior	FY2021	Future	Total	
FGUA	\$ -	\$ -	\$ -	\$ -	
District	\$ -	\$ -	\$ -	\$ -	
FDEP	\$ -	\$ 350,000	\$ -	\$ 350,000	
Other	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ 350,000	\$ -	\$ 350,000	

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FY2021 Springs Funding Preliminary Evaluation

Project No.	APP06	180th Ave Package Plant Abatement				FY2021
FGUA						
Project Type:	Wastewater Collection & Treatment		Multiyear Contract:	No		
DESCRIPTION						
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 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 estimated 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 BMAP 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 until the City of Dunnellon WTF is rerated by FDEP to 0.50 MGD anticipated in 2020.				
OVERALL RANKING						
	Medium					
FUNDING						
Funding Source	Prior	FY2021	Future	Total		
FGUA	\$ -	\$ -	\$ -	\$ -		
District	\$ -	\$ -	\$ -	\$ -		
FDEP	\$ -	\$ 847,000	\$ -	\$ 847,000		
Other	\$ -	\$ -	\$ -	\$ -		
Total	\$ -	\$ 847,000	\$ -	\$ 847,000		

FY2021 Springs Funding Preliminary Evaluation

Project No.	APP07	Hernando County Airport WWTP AWT Upgrade			FY2021
Hernando County					
Project Type:		Wastewater Collection & Treatment	Multiyear Contract:	No	
DESCRIPTION					
Description:		Design, permitting and construction of a 6.0 mgd Advanced Wastewater Treatment (AWT) components at the Hernando County Airport Regional Wastewater Treatment Plant and other neccessary appurtenances to achieve the AWT nutrient limit of 3 mg/l Total Nitrogen. Funding is requested for only the nutrient reduction portions of the project, the wastewater treatmentent plant expansion is not included in this funding request.			
Costs:		Total project cost: \$10,000,000 (Design, Permitting, Construction) Hernando County share: \$2,500,000 all in FY2021 District share: \$0 FDEP share: \$7,500,000 all in FY2021			
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 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 16,222 lbs/yr TN. for the 2.63 mgd of wastewater anticipated to be treated in 2023.		
Cost Effectiveness:		High	The estimated cost for this project is \$21/lb of TN.		
Related Strategies:		High	This project is listed in the Weeki Wachee BMAP list of projects. The Weeki Wachee Spring has an existing MFL.		
Local Match:		Medium	This project includes a local match in the amount of \$2,500,000 which is 25% of the total project cost.		
Project Readiness:		High	Design of this project is underway and construction is anticipated to begin in 2020 and be completed in 2022.		
OVERALL RANKING					
		High			
FUNDING					
Funding Source		Prior	FY2021	Future	Total
Hernando County	\$	-	\$ 2,500,000	\$ -	\$ 2,500,000
District	\$	-	\$ -	\$ -	\$ -
FDEP	\$	-	\$ 7,500,000	\$ -	\$ 7,500,000
Other	\$	-	\$ -	\$ -	\$ -
Total	\$	-	\$ 10,000,000	\$ -	\$ 10,000,000

FY2021 Springs Funding Preliminary Evaluation

Project No.	APP08	Hernando County Airport WWTP Capacity Expansion			FY2021
Hernando County					
Project Type:		Wastewater Collection & Treatment	Multiyear Contract:	No	
DESCRIPTION					
Description:		Design, permitting and construction of a a 2.5 mgd expansion (from 3.5 to 6.0 mgd) of conventional wastewater treatment components at the Hernando County Airport Regional Wastewater Treatment Plant and other neccessary appurtenances to expand capacity. Funding is requested for only the conventional wastewater treatment portions of the project, as advanced wastewater treatment (AWT) components are not included in this funding request.			
Costs:		Total project cost: \$26,000,000 (Design, Permitting, Construction) Hernando County share: \$18,000,000 District share: \$0 State Appropriation: \$3,000,000 in FY2020 FDEP share: \$5,000,000 all in FY2021			
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 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:		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 Hill WWTP and treated at the Airport WWTP in 2023.		
Cost Effectiveness:		High	The estimated cost for this project is \$61/lb of TN.		
Related Strategies:		High	This project is listed in the Weeki Wachee BMAP list of projects. The Weeki Wachee Spring has an existing MFL.		
Local Match:		Medium	This project includes a local match in the amount of \$21,000,000 which is 81% of the total project cost.		
Project Readiness:		High	Design of this project is underway and construction is anticipated to begin in 2020 and be completed in 2022.		
OVERALL RANKING					
		High			
FUNDING					
Funding Source	Prior	FY2021	Future	Total	
Hernando County	\$ -	\$ 18,000,000	\$ -	\$ 18,000,000	
District	\$ -	\$ -	\$ -	\$ -	
FDEP	\$ -	\$ 5,000,000	\$ -	\$ 5,000,000	
Other (State Appropriation)	\$ 3,000,000	\$ -	\$ -	\$ 3,000,000	
Total	\$ 3,000,000	\$ 23,000,000	\$ -	\$ 26,000,000	

FY2021 Springs Funding Preliminary Evaluation

Project No.	APP09	Hernando County Distrcit A Phase 1 Septic to Sewer Project			FY2021
Hernando County					
Project Type		Waste Water Collection & Treatment	Multiyear Contract:	No	
DESCRIPTION					
		Design, permitting, and construction of a sanitary sewer system which will remove from service a minimum of 363 existing septic tanks, including 11 commercial tanks, within the Weeki Wachee springshed. This project additionally includes tank abandonment, lateral lines from home to sewer, and connection/assessment fees.			
Costs:		Total Project cost: \$16,500,000 (Design, perrmitting, construction, tank abandonment, connection fees) Hernando County share: \$2,475,000 all in FY2021 FDEP share: \$11,550,000 all in FY2021 Other share: \$2,475,000 all in FY2021 District Share: The county has requested \$2,475,000 all in FY2021 from the District through the cooperative funding program. If approved by the District, it will reduce the Other share by \$2,475,000.			
PROJECT INFORMATION					
Ranking					
Spring Information:	High	The spring receiving the benefit is Weeki Wachee Spring and is designated an 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	The benefit of this water quality project is the reduction of pollutant loads by an estimated 3,703 lbs/yr TN. The benefit calculation methodology deviates from the FDEP guidance.			
Cost Effectiveness:	Low	The estimated cost for this project is \$149/lb of TN.			
Related Strategies:	High	This project is listed in the Weeki Wachee BMAP list of projects.			
Local Match	Medium	This project includes a local match in the amount of \$2,475,000 which is 15% of the total project cost.			
Project Readiness:	High	This project is anticipated to begin in 2020 and be completed in 2024.			
OVERALL RANKING					
	Medium				
FUNDING					
Funding Source	Prior	FY2021	Future	Total	
Hernando County	\$ -	\$ 2,475,000	\$ -	\$ 2,475,000	
District	\$ -	\$ -	\$ -	\$ -	
FDEP	\$ -	\$ 11,550,000	\$ -	\$ 11,550,000	
Other	\$ -	\$ 2,475,000	\$ -	\$ 2,475,000	
Total	\$ -	\$ 16,500,000	\$ -	\$ 16,500,000	

FY2021 Springs Funding Preliminary Evaluation

Project No.	APP10	Hernando County Glen WWTP AWT Upgrade				FY2021
Hernando County						
Project Type:		Wastewater Collection & Treatment		Multiyear Contract:	No	
DESCRIPTION						
Description:		Design, permitting and construction of 3.0 mgd of Advanced Wastewater Treatment (AWT) components at the Hernando County Glen Regional Wastewater Treatment Plant and other neccessary appurtenances to achieve the AWT nutrient limit of 3 mg/l Total Nitrogen. Funding is requested for only nutrient reduction portions, as no wastewater treatmentent plant expansion is anticipated for this facility.				
Costs:		Total project cost: \$5,000,000 (Design, Permitting, Construction) Hernando County share: \$1,300,000 all in FY2021 District share: \$0 FDEP share: \$3,700,000 all in FY2021				
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 project is \$7/lb of TN.			
Related Strategies:		High	This project is listed in the Weeki Wachee BMAP list of projects. The Weeki Wachee Spring has an existing MFL.			
Local Match:		High	This project includes a local match in the amount of \$1,300,000 which is 26% of the total project cost.			
Project Readiness:		High	This project is anticipated to begin in 2021 and be completed in 2023.			
OVERALL RANKING						
		High				
FUNDING						
Funding Source		Prior	FY2021	Future	Total	
Hernando County		\$ -	\$ 1,300,000	\$ -	\$ 1,300,000	
District		\$ -	\$ -	\$ -	\$ -	
FDEP		\$ -	\$ 3,700,000	\$ -	\$ 3,700,000	
Other		\$ -	\$ -	\$ -	\$ -	
Total		\$ -	\$ 5,000,000	\$ -	\$ 5,000,000	

FY2021 Springs Funding Preliminary Evaluation

Project No.	App 11	South Highlands Septic to Sewer Phase 1			FY2021
City of Inverness					
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			
PROJECT INFORMATION					
Spring Information:		Medium	The spring receiving the benefit is the Chassshowitzka-Homosassa Spring and is designated as an Outstanding Florida Spring. The spring is approximately 16 miles from the project. The project is within the Chassahowitzka-Homosassa Spring BMAP boundary. The project is not within the Chassahowitzka-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	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	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	Total	
City of Inverness	\$ -	\$ 653,400	\$ -	\$ 653,400	
District	\$ -	\$ -	\$ -	\$ -	
FDEP	\$ -	\$ 2,613,600	\$ -	\$ 2,613,600	
Other	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ 3,267,000	\$ -	\$ 3,267,000	

FY2021 Springs Funding Preliminary Evaluation

Project No.	App 12	44 West Sewer Extension System				FY2021
City of Inverness						
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:	Medium	The spring receiving the benefit is the Chasshowitzka-Homosassa Spring and is designated as an Outstanding Florida Spring. The spring is approximately 18 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 estiamted 1,746 lbs/yr TN.				
Cost Effectiveness:	High	The estimated cost for this project is \$45 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	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	Total		
City of Inverness	\$ -	\$ 472,100	\$ -	\$ 472,100		
District	\$ -	\$ -	\$ -	\$ -		
FDEP	\$ -	\$ 1,888,400	\$ -	\$ 1,888,400		
Other	\$ -	\$ -	\$ -	\$ -		
Total	\$ -	\$ 2,360,500	\$ -	\$ 2,360,500		

FY2021 Springs Funding Preliminary Evaluation

Project No.	App 13	North 41 Sewer Extension Project				FY2021
City of Inverness						
Project Type:		Wastewater Collection & Treatment		Multiyear Contract:	No	
DESCRIPTION						
Description:		Design, permitting and construction of a sanitary sewer collection system which will 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				
PROJECT INFORMATION						
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	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	This project includes a local match in the amount of \$816,200 which is 20% of the total project cost.			
Project Readiness:		Medium	The project is anticiapted to begin in 2021 and be completed in 2023.			
OVERALL RANKING						
		Medium				
FUNDING						
Funding Source		Prior	FY2021	Future	Total	
City of Inverness		\$ -	\$ 816,200	\$ -	\$ 816,200	
District		\$ -	\$ -	\$ -	\$ -	
FDEP		\$ -	\$ 3,264,800	\$ -	\$ 3,264,800	
Other		\$ -	\$ -	\$ -	\$ -	
Total		\$ -	\$ 4,081,000	\$ -	\$ 4,081,000	

FY2021 Springs Funding Preliminary Evaluation

Project No.	APP14	Pelican Bay Package Plant Removal			FY2021
City of Crystal River					
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, permitting, construction, and connection fees) Crystal River share: \$0 FDEP share: \$440,000 District Share: \$0			
PROJECT INFORMATION					
Ranking					
Spring Information:	High	The spring receiving the benefit is Three Sisters and Hunter Springs. Hunter Spring is located within the Kings Bay Springs Group which is an Outstanding Florida Spring. The spring is approximately 1.7 miles north of the project location. The project is within the Crystal River/Kings Bay BMAP boundary. The project is within the Crystal River/Kings Bay PFA boundary.			
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	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				
FUNDING					
Funding Source	Prior	FY2021	Future	Total	
Crystal River	\$ -	\$ -	\$ -	\$ -	
District	\$ -	\$ -	\$ -	\$ -	
FDEP	\$ -	\$ 440,000	\$ -	\$ 440,000	
Other	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ 440,000	\$ -	\$ 440,000	