



FDEP Springs Funding FY2024 Preliminary Evaluations and Rankings

December 7, 2022

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Southwest Florida
Water Management District

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FY2024 FDEP Springs Funding Preliminary Evaluations

Unit Number	Ranking	Applicant	Project	Nitrogen Reduction (lbs/yr)	FDEP Request	WMD Request	Local Match	Other Funding	Total
APP01	MEDIUM	Florida Governmental Utility Authority (FGUA)	Chatmire Septic to Sewer*	1,068	\$ 2,500,000	\$ -	\$ -	\$ -	\$ 2,500,000
APP02	MEDIUM	Citrus County	Southwest Regional Water Reclamation Reuse Project	877	\$ 3,918,000	\$ -	\$ -	\$ 1,664,000	\$ 5,582,000
APP03	HIGH	Hernando County Utilities Department	Hernando County Septic to Sewer District A Phase 2	2,816	\$ 800,000	\$ -	\$ -	\$ -	\$ 800,000
APP04	HIGH	City of Crystal River	City of Crystal River WWTF	1,121	\$ 4,466,895	\$ -	\$ 1,500,000	\$ -	\$ 5,966,895
			* Indicates multiyear funding request, only FY24 request listed						
		Application Count: 4		5,882	\$ 11,684,895	\$ -	\$ 1,500,000	\$ 1,664,000	\$ 14,848,895

Project No.	APP01			
Florida Governmental Utility Authority (FGUA)		Chatmire Septic to Sewer		
FY2024				
Project Type:		Wastewater Collection & Treatment		Multiyear Contract:
Yes				
DESCRIPTION				
Description:		Design, permitting, and construction of a sanitary sewer collection system which will remove from service a minimum of 117 existing septic tanks with the ability to service 93 undeveloped parcels existing in the City of Dunnellon. Connection fees are included in the funding request. Design and permitting are complete. Additional funds are being requested for construction.		
Costs:		Total project cost: \$11,200,000 (Design, permitting and construction)		
		Applicant share: \$0		
		\$2,500,000 requested in FY24, with \$3,700,000 funded by the FDEP in prior years and \$5,000,000 anticipated to be needed in future years.		
		DEP share:		
		\$0		
		Other share:		
		\$0		
		District share:		
		\$0		
PROJECT INFORMATION				
Spring Information:		High	Benefitting spring: Rainbow	
			Yes Benefitting spring is an OFS?	
			Yes Project located within the BMAP?	
			Yes Project located within the PFA?	
			The spring is approximately 2.5 miles from the project location.	
Project Benefit:		Medium	The benefit of this project will be the reduction of pollutant loads by an estimated 1068 lbs/yr TN.	
Cost Effectiveness:		Medium	The estimated cost for this project is \$350 per lb/TN.	
Related Strategies:		High	Yes Project is listed in the BMAP list of projects or is anticipated to be listed in the BMAP in the next update?	
			Yes Benefitting spring has an MFL?	
			Yes Project is part of a specific water quality or water quantity improvement plan?	
			Notes: Project R102 in BMAP Project List and Project LPS0020 in SWIM Plan.	
Local Match:		Low	Percent match is: None	
			Notes: The project includes a local match in the amount of \$0, which is 0% of the total project cost.	
Project Readiness:		High	Construction is ongoing or will start before Dec 31 of the fiscal year funding is being requested	
			Notes: The project is expected to begin in 2023 and end in 2025.	
OVERALL RANKING				
		Medium		
FUNDING				
Funding Source		Prior	FY2024	Future
Total				
FDEP		\$3,700,000	\$ 2,500,000	\$5,000,000
Florida Governmental Utility Authority (FGUA)		\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -
Total		\$ 3,700,000	\$ 2,500,000	\$ 5,000,000
				\$ 11,200,000

Project No.	APP02	Southwest Regional Water Reclamation Reuse Project			FY2024
Citrus County					
Project Type:		Wastewater Collection & Treatment	Multiyear Contract:	No	
DESCRIPTION					
Description:		Design, permitting and construction of approximately 22,000 feet of transmission mains, a 1.0 million gallon storage tank, a 1.0 mgd pump station, a 0.5 mgd booster station and other necessary appurtenances to supply 0.565 mgd of reclaimed water to replace 0.375 mgd of groundwater used for irrigation at the Sugarmill Woods and Southern Woods golf courses within the Chassahowitzka Springs Springshed.			
Costs:		Total project cost: \$9,500,000 (Design, permitting and construction) Applicant share: \$1,834,000 all in prior years DEP share: \$3,918,000 all in FY24 \$250,000 in prior years from WPSPTF and \$1,664,000 anticipated in FY24 (Applicant has requested FY24 Legislative funding) Other share: District share: \$1,834,000 all in prior years			
PROJECT INFORMATION					
Spring Information:		High	Benefitting spring: Chassahowitzka Yes Benefitting spring is an OFS? Yes Project located within the BMAP? Yes Project located within the PFA? The spring is approximately 3 miles from the project location.		
Project Benefit:		Low	The benefit for this water quality project is the reduction of pollutant loads by an estimated 877 lbs/yr TN.		
Cost Effectiveness:		Medium	The estimated cost for this project is \$ 361/TN.		
Related Strategies:		High	Yes Project is listed in the BMAP list of projects or is anticipated to be listed in the BMAP in the next update? Yes Benefitting spring has an MFL? Yes Project is part of a specific water quality or water quantity improvement plan? <i>Notes: Project is listed in the BMAP list of projects.</i>		
Local Match:		Medium	Percent match is: Up to 25% <i>Notes: The project includes a local match in the amount of \$1,834,000, which is 19% of the total project cost.</i>		
Project Readiness:		Medium	Design is ongoing or will start before Dec 31 of the fiscal year funding is being requested <i>Notes: The project is expected to begin in 2024 and end in 2026.</i>		
OVERALL RANKING					
		Medium			
FUNDING					
Funding Source		Prior	FY2024	Future	Total
FDEP		\$ -	\$ 3,918,000	\$ -	\$ 3,918,000
District		\$ 1,834,000	\$ -	\$ -	\$ 1,834,000
Citrus County		\$ 1,834,000	\$ -	\$ -	\$ 1,834,000
Other (Water Protection & Sustainability Program Trust Fund (WPSPTF) and requested Legislative funding)		\$ 250,000	\$ 1,664,000	\$ -	\$ 1,914,000
Total		\$ 3,918,000	\$ 5,582,000	\$ -	\$ 9,500,000

Project No.	APP03	Hernando County Septic to Sewer District A phase 2			FY2024
Hernando County Utilities Department					
Project Type:		Wastewater Collection & Treatment	Multiyear Contract:	No	
DESCRIPTION					
Description:		Preliminary design (30%) and third-party review for construction of a regional wastewater collection system necessary for connection of 295 existing residential homes in the Weeki Wachee Priority Focus Area (PFA). Additional funds to complete design, permitting and construction are anticipated to be requested in future years with a total project cost estimated at \$15,700,000.			
Costs:		Total project cost: \$15,700,000 (Design, permitting, and construction) Applicant share: \$2,355,000 anticipated in future years DEP share: \$13,345,000 with \$800,000 requested in FY24 for 30% design and third-party review and \$12,545,000 anticipated to be requested in future years Other share: \$0 District share: \$0			
PROJECT INFORMATION					
Spring Information:		High	Benefitting spring: Weeki Wachee Yes Benefitting spring is an OFS? Yes Project located within the BMAP? Yes Project located within the PFA? The spring is approximately 1 miles from the project location.		
Project Benefit:		High	The benefit for this water quality project is the reduction of pollutant loads by an estimated 2,816 lbs/yr TN.		
Cost Effectiveness:		High	The estimated cost for this project is \$ 186/TN.		
Related Strategies:		High	Yes Project is listed in the BMAP list of projects or is anticipated to be listed in the BMAP in the next update? Yes Benefitting spring has an MFL? Yes Project is part of a specific water quality or water quantity improvement plan? Notes: Project is listed in the BMAP list of projects.		
Local Match:		Low	Percent match is: None Notes: The project includes a local match in the amount of \$0, which is 0% of the total project cost.		
Project Readiness:		Low	Other elements must be addressed before design or construction may begin Notes: The project is expected to begin in 2026 and end in 2029.		
OVERALL RANKING					
		High			
FUNDING					
Funding Source		Prior	FY2024	Future	Total
FDEP		\$ -	\$ 800,000	\$ 12,545,000	\$ 13,345,000
Hernando County Utilities Department		\$ -	\$ -	\$ 2,355,000	\$ 2,355,000
Total		\$ -	\$ 800,000	\$ 14,900,000	\$ 15,700,000

Project No.	APP04	City of Crystal River WWTF			FY2024
City of Crystal River					
Project Type:		Wastewater Collection & Treatment	Multiyear Contract:	No	
DESCRIPTION					
Description:		Design, permitting and construction of an upgrade to the 3 mgd City of Crystal River WWTF to achieve advanced wastewater treatment quality of the 0.71 mgd of flow and increase the facility elevation from 9 feet to 11 feet above sea level and above the 100-year flood zone.			
Costs:		Total project cost: \$5,966,895 (Design, permitting, and construction) Applicant share: \$1,500,000 all in FY24 DEP share: \$4,466,895 all in FY24 Other share: \$0 District share: \$0			
PROJECT INFORMATION					
Spring Information:		High	Benefitting spring: Crystal River Yes Benefitting spring is an OFS? Yes Project located within the BMAP? Yes Project located within the PFA? The spring is approximately <u>0.5</u> miles from the project location.		
Project Benefit:		Medium	The benefit for this water quality project is the reduction of pollutant loads by an estimated 1,121 lbs/yr TN.		
Cost Effectiveness:		High	The estimated cost for this project is \$ 177/TN.		
Related Strategies:		High	Yes Project is listed in the BMAP list of projects or is anticipated to be listed in the BMAP in the next update? Yes Benefitting spring has an MFL? Yes Project is part of a specific water quality or water quantity improvement plan? <i>Notes: Water Quality Benefit is calculated at 0.71 mgd of flow which may experience a reduction after 10 years</i>		
Local Match:		High	Percent match is: Greater than 25% <i>Notes: The project includes a local match in the amount of \$1,500,000, which is 25.1% of the total project cost.</i>		
Project Readiness:		Low	Other elements must be addressed before design or construction may begin <i>Notes: The project is expected to begin in March 2023 and end in December 2024.</i>		
OVERALL RANKING					
		High			
FUNDING					
Funding Source		Prior	FY2024	Future	Total
FDEP		\$ -	\$ 4,466,895	\$ -	\$ 4,466,895
City of Crystal River		\$ -	\$ 1,500,000	\$ -	\$ 1,500,000
Total		\$ -	\$ 5,966,895	\$ -	\$ 5,966,895