



# **FDEP Springs Funding FY2022 Final Evaluations and Rankings**

**February 24, 2021**

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FY2022 FDEP Springs Funding Final Evaluations											
Unit Number	Ranking	Applicant	Project	BMAP	Nitrogen Reduction (lbs/yr)	Cost/lbs of TN/30 yrs	FDEP FY2022 Request	WMD FY2022 Request	Local FY2022 Match	Other FY2022 Funding	Total FY2022
APP01	High	Bay Laurel CDD	<a href="#">On Top of the World North Advanced Wastewater Treatment Facility*</a>	Rainbow	17,556	\$ 99	\$ 7,175,000	\$ -	\$ 5,830,000	\$ -	\$ 13,005,000
APP02	High	FGUA	<a href="#">Rainbow River - Rio Vista Septic-to-Sewer Project</a>	Rainbow	3,353	\$ 107	\$ 10,802,608	\$ -	\$ -	\$ -	\$ 10,802,608
WW10	Med	Hernando County	<a href="#">Hernando County Septic to Sewer District A, Phase 1</a>	Weeki Wachee	2,305	\$ 166	\$ 8,050,000	\$ -	\$ 1,725,000	\$ 1,725,000	\$ 11,500,000
APP05	Med	City of Inverness	<a href="#">41 N Sewer Extension Project</a>	Chassahowitzka- Homosassa	1,202	\$ 113	\$ 3,264,800	\$ -	\$ 816,200	\$ -	\$ 4,081,000
Q043	Med	Marion County	<a href="#">State Road 200 Septic to Sewer Program</a>	Rainbow	367	\$ 65	\$ 356,465	\$ -	\$ 356,465	\$ -	\$ 712,929
APP06	Low	City of Inverness	<a href="#">South Highlands Septic to Sewer Project*</a>	Chassahowitzka- Homosassa	695	\$ 157	\$ 2,613,600	\$ -	\$ 653,400	\$ -	\$ 3,267,000
			<a href="#">*Multiyear Funding Request only FY22 request listed</a>								
					25,478		\$ 32,262,473.00	\$ -	\$ 9,381,064.50	\$ 1,725,000.00	\$ 43,368,538
							Last Updated: 2/16/2021				

## FY2022 Springs Funding Final Evaluation

<b>Project No.</b>	APP01	<b>Bay Laurel (On Top of the World Ocala) AWT WWTP Expansion and Reuse</b>			<b>FY2022</b>
<b>Marion County</b>					
<b>Project Type:</b>	Wastewater Collection & Treatment	<b>Multiyear Contract:</b>	Yes		
<b>DESCRIPTION</b>					
<b>Description:</b>	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 necessary 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.				
<b>Costs:</b>	Total project cost: \$52,200,000 (Design, permitting, and construction) Bay Laurel share: \$26,100,000 (\$1,345,000 spent in FY2021, \$5,830,000 in FY2022 and \$18,925,000 in future years) FDEP share: \$26,100,000 (\$7,175,000 requested in FY2022 and \$18,925,000 anticipated to be requested in future years)				
<b>PROJECT INFORMATION</b>					
<b>Spring Information:</b>	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.			
<b>Project Benefit:</b>	High	The benefit of this project will be the reduction of pollutant loads by an estimated 17,556 lbs/yr TN for the 1.25 mgd of wastewater anticipated to be treated in 2026 and the supply of 0.36 mgd of additional reclaimed water beyond the 0.79 mgd required to be supplied by a previous District co-funded project (L786). This benefit calculation includes TN reductions for both the AWT facility and a biosolids removal component and may differ slightly from the FDEP methodology.			
<b>Cost Effectiveness:</b>	High	The estimated cost for this project is \$99/lb of TN.			
<b>Related Strategies:</b>	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.			
<b>Local Match:</b>	High	This project includes a local match in the amount of \$26,100,000 which is 50% of the total project cost.			
<b>Project Readiness:</b>	High	This project is ongoing and anticipated to be completed in 2024.			
<b>OVERALL RANKING</b>					
	High	This project is recommended to be forwarded to FDEP for FY2022 springs funding consideration.			
<b>FUNDING</b>					
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>	
Bay Laurel CDD	\$ 1,345,000	\$ 5,830,000	\$ 18,925,000	\$ 26,100,000	
District	\$ -	\$ -	\$ -	\$ -	
FDEP	\$ -	\$ 7,175,000	\$ 18,925,000	\$ 26,100,000	
Other	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	\$ 1,345,000	\$ 13,005,000	\$ 37,850,000	\$ 52,200,000	

## FY2022 Springs Funding Final Evaluation

<b>Project No.</b>	<b>APP02</b>	<b>Rainbow River - Rio Vista Septic-to-Sewer Project</b>			<b>FY2022</b>
<b>FGUA</b>					
<b>Project Type:</b>		Wastewater Collection & Treatment	Multiyear Contract:	No	
<b>DESCRIPTION</b>					
<b>Description:</b>		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.			
<b>Costs:</b>		Total project cost: \$10,802,608 (design, permitting, construction, and connection fees) FGUA share: \$0 District share: \$0 FDEP share: \$10,802,608 all in FY2022			
<b>PROJECT INFORMATION</b>					
<b>Spring Information:</b>		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.		
<b>Project Benefit:</b>		High	The benefit of this project is the reduction of pollutant loads by an estimated 3353 lbs/yr TN.		
<b>Cost Effectiveness:</b>		Medium	The estimated cost for this project is \$107/lb of TN.		
<b>Related Strategies:</b>		High	This project is listed in the Rainbow Springs BMAP list of projects and SWIM Plan. The Rainbow River has an existing MFL.		
<b>Local Match:</b>		Low	This project does not include a match.		
<b>Project Readiness:</b>		Medium	This project is anticipated to begin in 2022 and be completed in 2023.		
<b>OVERALL RANKING</b>					
		High	This project is recommended to be forwarded to FDEP for FY2022 springs funding consideration.		
<b>FUNDING</b>					
<b>Funding Source</b>		<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
FDEP	\$	-	\$ 10,802,608	\$ -	\$ 10,802,608
District	\$	-	\$ -	\$ -	\$ -
FGUA	\$	-	\$ -	\$ -	\$ -
Other	\$	-	\$ -	\$ -	\$ -
<b>Total</b>	\$	-	\$ 10,802,608	\$ -	\$ 10,802,608

## FY2022 Springs Funding Final Evaluation

<b>Project No.</b>	WW10	<b>Hernando County Septic to Sewer District A, Phase 1b</b>			<b>FY2022</b>
<b>Hernando County</b>					
<b>Project Type:</b>		Wastewater Collection & Treatment	Multiyear Contract:	No	
<b>DESCRIPTION</b>					
<b>Description:</b>		Design, permitting, and construction of a sanitary sewer system which will remove a minimum of 224 existing septic tanks within the Weeki Wachee Springshed. This project additionally includes tank abandonment, lateral lines from home to sewer and connection/assessment fees.			
<b>Costs:</b>		Total project cost: \$11,500,000 (design, construction, tank abandonment, connection fees) Hernando County share: \$1,725,000 FDEP share: \$8,050,000 all in FY2022 Other share: \$1,725,000 District share: The county has requested \$1,725,000 (\$250,000 requested in FY2022 and \$1,475,000 anticipated to be requested in future years) from the District through the cooperative funding program. If approved it will reduce the Other share and the County's share will be similar with \$250,000 in FY2022 and \$1,475,000 in future years.			
<b>PROJECT INFORMATION</b>					
<b>Spring Information:</b>		High	The spring receiving the benefit is Weeki Wachee Spring and is designated as an Outstanding Florida Spring. The spring is approximately 1.14 miles from the project location. The project is within the Weeki Wachee BMAP boundary. The project is within the Weeki Wachee PFA boundary.		
<b>Project Benefit:</b>		Medium	The benefit of this project is the reduction of pollutant loads by an estimated 2305 lbs/yr TN.		
<b>Cost Effectiveness:</b>		Low	The estimated cost for this project is \$166/lb of TN.		
<b>Related Strategies:</b>		High	This project is listed in the Weeki Wachee BMAP list of projects and SWIM Plan. The Weeki Wachee has an existing MFL.		
<b>Local Match:</b>		Medium	This project includes a local match of \$1,725,000 which is 15% of the total project cost.		
<b>Project Readiness:</b>		High	This project is anticipated to begin in 2021 and be completed in 2027.		
<b>OVERALL RANKING</b>					
		Medium	This project is recommended to be forwarded to FDEP for FY2022 springs funding consideration.		
<b>FUNDING</b>					
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>	
FDEP	\$ -	\$ 8,050,000	\$ -	\$ 8,050,000	
District	\$ -	\$ -	\$ -	\$ -	
Hernando County	\$ -	\$ 1,725,000		\$ 1,725,000	
Other	\$ -	\$ 1,725,000	\$ -	\$ 1,725,000	
<b>Total</b>	\$ -	\$ 11,500,000	\$ -	\$ 11,500,000	

## FY2022 Springs Funding Final Evaluation

<b>Project No.</b>	<b>APP05</b>				
<b>City of Inverness</b>		<b>41 N Sewer Extension Project</b>			<b>FY2022</b>
<b>Project Type:</b>		Wastewater Collection & Treatment	Multiyear Contract:	No	
<b>DESCRIPTION</b>					
<b>Description:</b>		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.			
<b>Costs:</b>		Total Project Cost: \$4,081,000 (design, permitting, construction, and connection fees) City of Inverness share: \$816,200 all in FY2022 District share: \$0 FDEP share: \$3,264,800 all in FY2022			
<b>PROJECT INFORMATION</b>					
<b>Spring Information:</b>		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 Chassahowitzka-Homosassa Spring BMAP boundary. The project is not within the Chassahowitzka-Homosassa Spring PFA boundary.		
<b>Project Benefit:</b>		Medium	The benefit of this project is the reduction of pollutant loads by an estimated 1,202 lbs/yr TN.		
<b>Cost Effectiveness:</b>		Medium	The estimated cost for the project is \$113 per lb of TN.		
<b>Related Strategies:</b>		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.		
<b>Local Match:</b>		Medium	This project includes a local match in the amount of \$816,200 which is 20% of the total project cost.		
<b>Project Readiness:</b>		Medium	The project is anticipated to begin in 2022 and be completed in 2023.		
<b>OVERALL RANKING</b>					
		Medium	This project is recommended to be forwarded to FDEP for FY2022 springs funding consideration.		
<b>FUNDING</b>					
<b>Funding Source</b>		<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
FDEP	\$	-	\$ 3,264,800	\$ -	\$ 3,264,800
District	\$	-	\$ -	\$ -	\$ -
City of Inverness	\$	-	\$ 816,200	\$ -	\$ 816,200
Other	\$	-	\$ -	\$ -	\$ -
<b>Total</b>	\$	-	\$ 4,081,000	\$ -	\$ 4,081,000

## FY2022 Springs Funding Final Evaluation

<b>Project No.</b>	Q043	<b>State Road 200 Septic to Sewer Project</b>			<b>FY2022</b>
<b>Marion County</b>					
<b>Project Type:</b>	Wastewater Collection & Treatment	<b>Multiyear Contract:</b>	No		
<b>DESCRIPTION</b>					
<b>Description:</b>	Construction of lateral lines, lift/grinder stations and tank abandonment to remove from service a minimum of five commercial septic tanks. Parcel owners are responsible for fifty percent of the construction costs and fifty percent of the capacity charges which is used as the local match. The State Road 200 force main project has been completed.				
<b>Costs:</b>	Total project cost: \$712,929 Marion County share: \$356,464.50 all in FY2022 FDEP share: \$356,464.50 all in FY2022 District share: The County has requested \$178,232.25 all in FY2022 from the District through the cooperative funding program. If approved by the District, it will reduce the FDEP share to \$178,232.25.				
<b>PROJECT INFORMATION</b>					
<b>Spring Information:</b>	Medium	The spring receiving the benefit is Rainbow Springs and is designated an Outstanding Florida Spring. The spring is approximately 12 miles from the project location. The project is within the Rainbow BMAP boundary. The project is not within the Rainbow PFA boundary.			
<b>Project Benefit:</b>	Low	The benefit of this water quality project is the reduction of pollutant loads by an estimated 367 lbs/yr TN.			
<b>Cost Effectiveness:</b>	High	The estimated cost for this project is \$65/lb of TN.			
<b>Related Strategies:</b>	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.			
<b>Local Match:</b>	High	This project includes a local match in the amount of \$356,464.50 which is 50% of the total project cost.			
<b>Project Readiness:</b>	High	This project is anticipated to begin 2021 and be completed in 2023.			
<b>OVERALL RANKING</b>					
	Medium	This project is recommended to be forwarded to FDEP for FY2022 springs funding consideration.			
<b>FUNDING</b>					
<b>Funding Source</b>	<b>Prior</b>	<b>FY2021</b>	<b>Future</b>	<b>Total</b>	
Marion County	\$ -	\$ 356,465	\$ -	\$ 356,465	
FDEP	\$ -	\$ 356,465	\$ -	\$ 356,465	
District	\$ -	\$ -	\$ -	\$ -	
Other	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	\$ -	\$ 712,929	\$ -	\$ 712,929	



## FY2022 Springs Funding Final Evaluation

<b>Project No.</b>	APP06	<b>South Highlands Septic to Sewer Project</b>			<b>FY2022</b>
<b>City of Inverness</b>					
<b>Project Type:</b>		Wastewater Collection & Treatment	Multiyear Contract:	Yes	
<b>DESCRIPTION</b>					
<b>Description:</b>		Design, 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.			
<b>Costs:</b>		Total project cost: \$3,267,000 (design, permitting, construction and connection fees) City of Inverness share: \$653,400 all in FY2022 District share: \$0 FDEP share: \$2,613,600 all in FY2022			
<b>PROJECT INFORMATION</b>					
<b>Spring Information:</b>		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 Chassahowitzka-Homosassa Spring BMAP boundary. The project is not within the Chassahowitzka-Homosassa Spring PFA boundary.		
<b>Project Benefit:</b>		Low	The benefit of this project is the reduction of pollutant loads by an estimated 695 lbs/yr TN.		
<b>Cost Effectiveness:</b>		Low	The estimated cost for first phase of this project is \$157 per lb of TN.		
<b>Related Strategies:</b>		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.		
<b>Local Match:</b>		Medium	This project includes a local match in the amount of \$653,400 which is 20% of the total project cost		
<b>Project Readiness:</b>		Medium	The project is anticipated to begin in 2022 and be completed in 2024.		
<b>OVERALL RANKING</b>					
		Low	This project is recommended to be forwarded to FDEP for FY2022 springs funding consideration.		
<b>FUNDING</b>					
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>	
FDEP Springs Funding	\$ -	\$ 2,613,600	\$ -	\$ 2,613,600	
WMD CFI Funding	\$ -	\$ -	\$ -	\$ -	
Local Funding	\$ -	\$ 653,400	\$ -	\$ 653,400	
Other Funding	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	\$ -	\$ 3,267,000	\$ -	\$ 3,267,000	