Northern Region FY2022 Cooperative Funding Initiative Evaluations and Rankings

Southwest Florida Water Management District

FY2021 Proposed Cooperative Funding Initiative Projects

January 21, 2021

Pg #	SWF Project Number	Cooperator	Project Name	Rank	District Prior Funding	FY2022 Proposed District Funding	District Future Funding
Project	ts Ranked <i>'</i>	1A Priority					
4	Q075	Lake County	Restoration – Pasture Reserve	1A	\$200,000	\$300,000	0
5	Q082	Wildwood	WMP - Wildwood Watershed Management Plan	1A	\$70,000	\$15,000	0
6	Q086	Dunnellon	WMP – Dunnellon Watershed Management Plan	1A	\$95,000	\$47,500	0
7	Q167	Citrus County	WMP – Red Level Watershed Management Plan	1A	\$100,000	\$75,000	\$75,000
8	Q197	City of Williston	SW IMP – Flood Protection – John Henry Celebration Park Stormwater Improvements	1A	\$300,000	\$422,250	0
Project	ts Ranked I	High Priority					
9	Q231	Marion County	WMP – Rainbow River Watershed Management Plan Update	Н	0	\$153,800	\$615,200
10	Q254	Citrus County	Conservation – Citrus County Water Conservation Program	Н	0	\$46,600	0
11	Q255	BLCCDD	Conservation – Bay Laurel CCD Water Conservation Program	Н	0	\$164,750	0
12	WR10	Marion County	SW IMP – Water Quality – Rainbow Springs 5th Replat Stormwater Retrofit	Н	0	\$424,047	0
13	WW10	Hernando County	Springs – Hernando County Septic to Sewer District Septic to Sewer District A, Phase 1b	Н	0	\$250,000	\$1,475,000
Project	ts Ranked I	Medium Priorit	Y				
14	Q207	Marion County	WMP – West Ocala WMP Update	Μ	0	\$111,000	\$111,000
15	Q230	Marion County	WMP – Gum Swamp & Big Jones Creek Watershed Management Plan Update	Μ	0	\$126,875	\$380,625
16	WH06	Citrus County	Springs – Citrus County Old Homosassa Downtown North Septic to Sewer	Μ	0	\$250,000	\$2,758,750
			Recommended for Funding	Total:	\$765,000	\$2,386,822	\$5,415,575
Project	ts Ranked I	Low and/or No	t Recommended				
17	Q224	Citrus County	WMP – East Citrus/Withlacoochee Watershed Management Plan	L	0	\$100,000	0
18	Q264	BLCCDD	Conservation – Bay Laurel Turf Grass Reduction Project	L	0	\$75,000	0
19	W402	Save Crystal River	Restoration – Kings Bay Restoration Project	L	0	\$203,263	0
20	Q043	Marion County	Springs – Marion County State Road 200 Septic to Sewer Project	N/R	0	\$178,232	0
			Not Recommended for Funding	Total:	0	\$556,495	0
			Northern Region	Total:	\$765,000	\$2,943,317	\$5,415,575

Project No. Q075	Restora	Restoration – Pasture Reserve								
Lake County					FY2022					
Risk	Level: Typ	pe 3		Multi-Year Contract: Y	es, Year 3 of 3					
	Description									
Descri	ption: De ma	sign, permitting and oursh, mixed forested values a conservation of the second se	construction of restored vetlands, pasture and pi easement over the proje	uplands and wetlands, incl ne flatwoods. The Coopera ct area to the District.	uding cypress strands, ator will be required to					
Measurable Be	enefit: The and	e contractual Measur d wetlands. Construc	able Benefit is the restor tion will be done in acco	ation and enhancement of rdance with permitted plan	f 810 acres of uplands s.					
(Costs: Tot Lat Dis	tal Project Cost: \$1,0 <e \$500,000<br="" county:="">strict: \$500,000 with \$</e>	00,000 (Design, permitti 200.000 budgeted in pr	ng, construction)) requested in FY2022.					
	Bio		Evaluation							
Application Q	uality: Hig	h Application	n included all of the requ	ired information identified i	n the CFI guidelines.					
Project Bo	enefit: Hig	High The benefit of the project is the hydrologic restoration and enhancement of approximately 810 acres of uplands and wetlands in Pasture Reserve.								
Cost Effective	eness: _{Hig}	High The estimated cost/acre is below the historical average of \$53,326/acre for Natural Systems Restoration.								
Past Perform	hance: Hig	High Based on the cooperator having no ongoing projects with the District they are ranked high.								
Complementary E	fforts: Hig	gh Applicant space" wit preserve c	has exotic removal/treat hin its park system, and or restore natural system	ment Program(s), maintain the applicant has other co s.	s "nature parks" or "open mplementary efforts that					
Project Read	iness: Hig	h Project is	ongoing and on schedul	9.						
			Strategic Goals							
Strategic (Goals: Me	dium Strategic of natural	Initiative - Conservatio ecosystem for the benef	n and Restoration: Restoration related to the store of water and water-related to the store of t	pration and maintenance of resources.					
		Overall Ra	nking and Recommend	lation						
Fund as 1A F	Priority Thi	is ongoing project is o stems and hydrology,	cost effective and will res increasing aquifer recha	store 810 acres of upland a arge.	and wetland natural					
Funding										
Funding Source	e	Prior	FY2022	Future	Total					
District		\$200,000	\$300,000	\$0	\$500,000					
Lake County		\$200,000	\$300,000	\$0	\$500,000					
Total		\$400,000	\$600,000	\$0	\$1,000,000					

Project No. Q082	WMP - V	MP - Wildwood Watershed Management Plan							
Wildwood						FY2022			
Risk I	Level: Ty	pe 4			Multi-Year Contract: Y	es, Year 3 of 3			
Description									
Descri	ption: Co se pra wil	Complete a Watershed Management Plan (WMP) including floodplain analysis, stormwater level of service analysis (LOS), surface water resource assessment (SWRA), and best management practice (BMP) alternative analysis for the Wildwood Watershed in Sumter County. FY2022 funding will be utilized to complete the LOS, SWRA, and BMP phase of the project.							
Measurable Be	enefit: Th flo co	e contractual Me odplain informati nveyance and to	easur ion a mini	able Benefit will be the ond implement floodplain mize flood damage.	completion of a WMP that management programs to	will develop better maintain storage and			
C	Costs: To Cit Dis	tal project cost: \$ ty of Wildwood: \$ strict: \$85,000 wi	\$170 \$85,0 ith \$7	000 00 ′0,000 budgeted in previ	ous years and \$15,000 red	quested in FY2022.			
				Evaluation					
Application Q	u ality: Hig	gh Applio	catio	n included all the require	d information identified in t	the CFI Guidelines.			
Project Be	enefit: Hig	High The WMP will analyze flooding problems that exist in the watershed. Cur analysis models are not available or are over 10 years old, and the water includes regional or intermediate stormwater systems.			tershed. Currently, flood nd the watershed				
Cost Effective	eness: Hig	HighProject cost per square mile is below the historic costs (\$69,100 / sq mi) for WMPs completed in urban watersheds.							
Past Perform	ance: Hig	High Based on the cooperator having no ongoing projects with the District they are rank high.				District they are ranked			
Complementary Ef	fforts: Me	Medium Cooperator's Community Rating System class is 6 and is in the 6 to 9 range.							
Project Readi	iness: Hig	gh Proje	ct is (ongoing and on schedul	Э.				
		E		Strategic Goals					
Strategic C	Goals: Hi	gh Strate detern to sup Strate data t resou	egic mine oport egic to de irce r	Initiative - Floodplain I local and regional flood floodplain management Initiative - Water Quali termine local and region management decisions a	Management: Collect and blain information, flood pro decision and initiatives. ty Assessment and Plan al water quality status and nd restoration initiatives.	analyze data to tection status and trends ning: Collect and analyze trends to support			
Overall Ranking and Recommendation									
Fund as 1A F	Fund as 1A Priority This ongoing project identifies flood risk in an area with no detailed study information available. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area.								
				Funding					
Funding Source)	Prior		FY2022	Future	Total			
District		\$70	,000	\$15,000	\$0	\$85,000			
Wildwood		\$70	,000	\$15,000	\$0	\$85,000			
Total		\$140	,000,	\$30,000	\$0	\$170,000			

Project No. Q086	WMP -	WMP – Dunnellon Watershed Management Plan								
Dunnellon						FY2022				
Risk	Level: T	ype 4			Multi-Year Contract: Y	es, Year 3 of 3				
				Description						
Descri	ption: C se pi F el	omplete a vervice analy ractice (BM Y2022 fund lements of f	Watershed /sis (LOS), P) alternati ling will be the project.	Management Plan (WM surface water resource ve analysis for the Dunn utilized to complete the f	P) including floodplain ana assessment (SWRA), and ellon Watershed in Marion loodplain analysis, LOS, S	lysis, stormwater level of best management County. WRA, and BMP				
Measurable Be	enefit: T flo co	he contract podplain inf pnveyance	ual Measur ormation an and to mini	able Benefit will be the ond implement floodplain mize flood damage.	completion of a WMP that management programs to	will develop better maintain storage and				
(Costs: T C D	otal project ity of Dunn istrict: \$142	cost: \$285 ellon: \$142 2,500 with \$	000 500 95,000 budgeted in pre [.]	vious years and \$47,500 re	equested in FY2022.				
				Evaluation						
Application Q	igh	Application	n included all the require	d information identified in	the CFI Guidelines.					
Project Be	e nefit: H	High The WMP will analyze flooding problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.								
Cost Effective	eness: M	Medium Project cost per square mile is in the mid-range of historic costs (\$22,605 - \$45,500 /sq mi) for WMPs completed in mixed watersheds.								
Past Perform	hance: H	High Based on the cooperator having no ongoing projects with the District they are rank high.								
Complementary E	fforts: Lo	ow	Cooperato	r does not participate in	the CRS Program.					
Project Read	iness: H	igh	Project is o	ongoing and on schedul	е.					
				Strategic Goals						
Strategic (c Goals: High Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. 									
Overall Ranking and Recommendation										
Fund as 1A F	Priority T T al th	his ongoing he resulting lleviate floo ne project a	project ide product wi d risk and i rea.	ntifies flood risk in an ar Il be utilized for flood zo mprove water quality, ar	ea with some detailed stud ne determination, to help i nd enhance the planning of	dy information available. mplement solutions that f future development in				
				Funding						
Funding Source	e	Р	rior	FY2022	Future	Total				
District			\$95,000	\$47,500	\$0	\$142,500				
Dunnellon			\$95,000	\$47,500	\$0	\$142,500				
Total			\$190,000	\$95,000	\$0	\$285,000				

Project No. Q167	2167 WMP – Red Level Watershed Management Plan								
Citrus County						FY2022			
Risk	Level: T	ype 4			Multi-Year Contract: Y	es, Year 2 of 3			
				Description					
Descri	ption: C s p F a	Complete a Nervice analy ractice (BM Y2022 fund nalysis pha	Watershed /sis (LOS), P) alternati ling will be se of the pr	Management Plan (WM surface water resource ve analysis for the Red I utilized to complete the oject.	P) including floodplain ana assessment (SWRA), and _evel Watershed in Citrus watershed evaluation and	lysis, stormwater level of best management County. begin the floodplain			
Measurable Bo	e nefit: T fl	he contract oodplain inf onveyance	ual Measur ormation an and to mini	able Benefit will be the ond implement floodplain mize flood damage.	completion of a WMP that management programs to	will develop better maintain storage and			
(Costs: Total project cost: \$500,000 Citrus County: \$250,000 District: \$250,000 with \$100,000 budgeted in previous years, \$75,000 requested in FY2022, \$75,000 anticipated to be requested in future years.								
				Evaluation					
Application Q	uality: H	High Application included all the required information identified in the CFI Guidelines.							
Project Bo	e nefit: H	igh The WMP will analyze flooding and water quality problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.							
Cost Effective	eness: _N	Medium Project cost per square mile is in the mid-range of historic costs (\$23,700 - \$45,500 / sq mi) for WMPs completed in mixed watersheds.							
Past Perform	nance: H	High Based upon an assessment of the schedule and budget for the 6 ongoing proje							
Complementary E	fforts: H	ligh	Cooperato	r's Community Rating S	ystem class is 5 and is in t	he 5 or better range.			
Project Read	iness: H	ligh	The project	t is ongoing and on sch	edule.				
				Strategic Goals					
Strategic (Strategic Goals: High Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.								
			overall Rai	nking and Recommend					
Fund as 1A F	Fund as 1A Priority This ongoing project identifies flood risk in an area with no detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality, and enhance the planning of future development in the project area.								
				Funding					
Funding Source	e	Р	rior	FY2022	Future	Total			
District			\$100,000	\$75,000	\$75,000	\$250,000			
Citrus County			\$100,000	\$75,000	\$75,000	\$250,000			
Total			\$200,000	\$150,000	\$150,000	\$500,000			

Project No. Q197	SW II	W IMP – Flood Protection – John Henry Celebration Park Stormwater Improvements							
City of Williston						FY2022			
Risk	Level:	Туре 3			Multi-Year Contract: Y	es, Year 2 of 2			
Description									
Descri	ption:	Design, pern Park. Floodir stormwater i	nitting, and ng occurs ir nfrastructur	construction of stormwa the park and adjacent e. The FY2022 funding	ter improvements for the C properties due to low topog request is to complete con	City-owned John Henry graphy and undersized struction of the project.			
Measurable Be	enefit:	The contract the proposed properties. C	ual Measur d stormwate construction	able Benefit will be the o er improvement to relieve will be done in accorda	completion of design, perm e flooding at John Henry P nce with the permitted plar	itting, and construction of ark and adjacent ns.			
(Costs:	Total project City of Willis District: \$722	project cost: \$963,000 (design, permitting, and construction) Williston: \$240,750 (REDI Eligible Community) t: \$722,250 with \$300,000 budgeted in previous years and \$422,250 requested in FY2022.						
				Evaluation					
Application Q	uality:	High	Application	n included all the require	d information identified in	the CFI Guidelines.			
Project Benefit:		High	The Resource Benefit of this project will reduce the existing flooding problem during the 100-year, 24-hour storm event. Structure and street flooding currently occurs in the project area and the project impacts the regional or intermediate drainage system. Ancillary water quality benefits were demonstrated along with the flood protection benefits.						
Cost Effectiveness: Hig		High	Benefit/cos structures	st ratio is greater than or and roads.	equal to 1. Benefits includ	le avoided damages to			
Past Performance: Hig		High	Based on high.	the cooperator having n	o ongoing projects with the	e District they are ranked			
Complementary E	fforts:	Low	Cooperato	r is not participating in th	ne CRS program at this tim	ıe.			
Project Read	iness:	High	The project is ongoing and on schedule.						
				Strategic Goals					
Strategic (Goals:	Medium	Strategic and impler protection, flood dama	Initiative – Flood Prote ment programs, projects and operate District floo age while preserving the	and regulations to maintai and regulations to maintai od control and conservatio water resource	mprovement: Develop in and improve flood n structures to minimize			
		(Overall Ra	nking and Recommend	lation				
Fund as 1A F	Priority	ority This ongoing project will provide flood protection for structures and streets during the 100-year, 24- hour storm event at John Henry Park and adjacent properties and reduce pollutant loads. City of Williston qualifies for a 75% cost share as a REDI community as defined by Florida Statute. Under the Cooperative Funding Initiative Governing Board Policy, the Board can reduce the requirements for matching funds for REDI communities.							
				Funding					
Funding Source	÷	Р	rior	FY2022	Future	Total			
District			\$300,000	\$422,250	\$0	\$722,250			
City of Williston			\$100,000	\$140,750	\$0	\$240,750			
Total			\$400,000	\$563,000	\$0	\$963,000			

Project No. Q231	WMP –	/MP – Rainbow River Watershed Management Plan Update								
Marion County						FY2022				
Risk	Level: Typ	pe 4			Multi-Year Contract: Y	es, Year 1 of 4				
Description										
Descri	ption: Co Ma FY	mplete a Wa irion County, 2022 funding	atershed includin g will be	Management Plan (WM g Watershed Evaluation used to begin the Water	P) update for the Rainbow , Floodplain Analysis, and shed Evaluation.	River Watershed in Alternatives Analysis.				
Measurable Be	enefit: The del	e contractua lineation usir	l Measur ng digital	able Benefit will be the or topographic information	completion of an updated V , permit data, and land use	VMP and floodplain e updates.				
	Costs: Tot Ma Dis futi	tal project co irion County: strict: \$769,0 ure years.	al project cost: \$1,538,000 ion County: \$769,000 rict: \$769,000 with \$153,800 requested in FY2022 and \$615,200 anticipated to be requested in re years.							
				Evaluation						
Application Q	uality: Hig	gh A	pplicatio	n included all the require	d information identified in t	the CFI Guidelines.				
Project Be	Project Benefit: High			The WMP will re-evaluate flooding problems that exist in the watershed. Currently flood analysis models are available, the watershed has experienced moderate changes since last study, and the watershed includes regional or intermediate stormwater systems. The Rainbow River Watershed is one of the District's top 20 priority watersheds for WMP updates.						
Cost Effective	eness: Me	Medium Project cost per square mile is within the mid-range of historic costs (\$ \$22,000 / sq mi) for WMP updates completed in mixed watersheds.				c costs (\$15,001 - sheds.				
Past Perform	nance: Hig	gh Ba	ased upo	sed upon an assessment of the schedule and budget for the 2 ongoing projects.						
Complementary E	fforts: Me	edium C	Cooperator's Community Rating System is 7 and is in the 6 to 9 range.							
Project Read	iness: Hig	gh Pi	roject is i	ready to begin on or bef	ore December 1, 2021.					
				Strategic Goals						
Strategic (Goals: Me	edium Si de to	trategic etermine support	Initiative - Floodplain I local and regional flood floodplain management	Management: Collect and plain information, flood pro decision and initiatives.	analyze data to tection status and trends				
		Ov	erall Ra	nking and Recommend	lation					
Fund as a High F	Fund as a High Priority This project updates flood risk in an area with existing flood analysis that is 5 to 10 years old. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and to enhance the planning of future development in the project area. The Rainbow River Watershed is one of the District's top 20 priority watersheds for WMP updates.									
				Funding						
Funding Source	e	Prio	r	FY2022	Future	Total				
District			\$0	\$153,800	\$615,200	\$769,000				
Marion County			\$0	\$153,800	\$615,200	\$769,000				
Total			\$0	\$307,600	\$1,230,400	\$1,538,000				

Project No. Q254	Conser	Conservation – Citrus County Water Conservation Program							
Citrus County						FY2022			
Risk	Level: Ty	ype 1			Multi-Year Contract: N	lo			
	Description								
Description: Ma ac co Se inc pr		lake availat ctivities, inc ontrollers a ense Label cluded are rogram. Sh stallations/	ble financial cluding: resi nd necessa ed irrigatior educationa ould actual rebates as	incentives and services dential high-efficiency to ry components, and nor n controller and/or rain so I materials, program pro costs be less than antici the availability of funds a	to customers for up to thr ilets, residential Water Sen i-residential water use eva ensor where feasible and r motion, and surveys to en ipated, the Cooperator ma allow.	ee conservation nse Labeled irrigation luations with a Water none exists. Also sure the success of the y perform more			
Measurable Be	enefit: The of	he contract f a final rep	ual Measur ort.	able Benefit will be the i	mplementation of the prog	ram and the completion			
(Costs: To Ci Di	otal project itrus Count istrict: \$46,	cost: \$93,2 y: \$46,600 600	200					
				Evaluation					
Application Q	uality: Hi	High Application included all the required information identified in the CFI Guidelines.							
Project Be	enefit: Hi	High The benefit of this project is the conservation of approximately 16,740 to 17,677 gallons per day in the Northern Planning Region. Savings will vary based on the participation rate across the 3 possible conservation activities.							
Cost Effective	eness: M	ledium	Project cos	st effectiveness is betwe	en \$3.01 and \$6.00 per th	ousand gallons saved.			
Past Perform	nance: Hi	igh	Based upo	on an assessment of the	schedule and budget for t	he 6 ongoing projects.			
Complementary E	fforts: Hi	igh	Applicant I year-round restrictions	has the complementary of 1 1-day per week irrigations, and has an active cont	efforts of: has adopted an on restriction, actively enfo servation program.	ordinance to support rces irrigation			
Project Read	iness: Hi	igh	Project is r	ready to begin on or befo	pre December 1, 2021.				
				Strategic Goals					
Strategic (Goals: Hi	igh	Strategic ensure bei Northern	Initiative - Conservatio neficial use. Region Priority: Ensure	n: Enhance efficiencies in e long-term sustainable wa	all water-use sectors to ter supply.			
		(Overall Rai	nking and Recommend	lation				
Fund as a High F	Priority Pr	roject will c	onserve po	table water in the Northe	ern Planning Region and is	s cost effective.			
Funding									
Funding Source	e	Р	rior	FY2022	Future	Total			
District			\$0	\$46,600	\$0	\$46,600			
Citrus County			\$0	\$46,600	\$0	\$46,600			
Total			\$0	\$93,200	\$0	\$93,200			

Project No. Q255	Conserv	Conservation – Bay Laurel CCD Water Conservation Program							
BLCCDD						FY2022			
Risk L	evel: Typ	pe 1			Multi-Year Contract: N	lo			
				Description	·				
Descrip	otion: Ma fou flus Wa lan pro inst	ake availab Ir conserva sh high-effi aterSense I Idscape irri ogram. Sho tallations/re	le financial tion activit ciency toile abeled she gation aud ould actual ebates as	I incentives and services ies, including: replacing ets; replacing high volun owerheads; installation o lits. Also included is prog costs be less than antic the availability of funds a	to residential and comme inefficient residential toilet ne shower heads with 2.0 g of evapotranspiration (ET) gram promotion to ensure ipated, the Cooperator ma allow.	rcial customers for up to s with 1.28 gallon per gallons per minute irrigation controllers; and the success of the y perform more			
Measurable Be	nefit: The of a	e contractu a final repo	ial Measur ort.	able Benefit will be the i	mplementation of the prog	ram and the completion			
С	osts: Tot BL Dis	Total project cost: \$329,500 BLCCDD share: \$164,750 District: \$164,750							
				Evaluation					
Application Qu	iality: Hig	High Application included all the required information identified in the CFI guidelines.							
Project Be	nefit: Hig	High The benefit of this project is the conservation of approximately 27,492-35,958 gallons per day in the Northern Planning Region.							
Cost Effective	ness: Me	Medium Project cost effectiveness is between \$3.01 and \$6.01 per thousand gallons saved.							
Past Perform	ance: Hig	gh	Based upo	on an assessment of the	schedule and budget for t	he 1 ongoing project.			
Complementary Ef	forts: Hig	gh	Applicant I having wa high efficie	has the complementary ter loss less than the Dis ency standards for new o	efforts of having an active strict average, and being ir construction.	conservation program, the process of adopting			
Project Readi	ness: Me	edium	Project is i	ready to begin on or befo	ore March 1, 2022				
				Strategic Goals					
Strategic G	ioals: Hig	gh	Strategic ensure be Northern	Initiative - Conservation neficial use. Region Priority: Ensure	on: Enhance efficiencies in e long-term sustainable wa	all water-use sectors to ter supply.			
		C	verall Ra	nking and Recommend	lation				
Fund as a High P	riority Pro	oject will co	onserve po	table water supply in the	Northern Planning Region	n and is cost effective.			
Funding									
Funding Source		Pr	ior	FY2022	Future	Total			
District			\$0	\$164,750	\$0	\$164,750			
BLCCDD			\$0	\$164,750	\$0	\$164,750			
Total			\$0	\$329,500	\$0	\$329,500			

Project No. WR10	SW IMP	SW IMP – Water Quality – Rainbow Springs 5th Replat Stormwater Retrofit							
Marion County						FY2022			
Risk	Level: Typ	be 2			Multi-Year Contract: N	lo			
Description									
Descri	ption: Co Spr	nstruction of s rings, a SWIM	stormwa 1 priority	ater BMP retrofits to imp y water body.	rove water quality discharg	ging into Rainbow			
Measurable Be	enefit: The qua Con per	e contractual ality dischargi nstruction will formance tes	Measur ng into be dor ting req	able Benefit will be the o Rainbow Springs from a le in accordance with pe juirements.	construction of BMP retrofi pproximately 58 acres of r rmitted plans. There will be	ts to improve water esidential watershed. e no monitoring or			
(Costs: Tot Ma Dis	al Project Co rion County: \$ trict: \$424,04	st: \$848 \$424,04 7	3,094 (construction) 7					
				Evaluation					
Application Q	u ality: Hig	jh Ap	plicatio	n included all the require	d information identified in	the CFI Guidelines.			
Project Be	enefit: Hig	HighThe Resource Benefit of the project is the reduction of Total Nitrogen loads to the Rainbow Springs by an estimated 102 lbs/yr.				Nitrogen loads to the			
Cost Effective	eness: Me	Medium The estimated cost/lb of TN removed is between the historical average cost of \$1 and \$475/lb.							
Past Perform	ance: Hig	jh Ba	sed upo	on an assessment of the	schedule and budget for t	he 2 ongoing projects.			
Complementary E	fforts: Hig	jh Ap	plicant l	has an active stormwate	r utility that collects fees.				
Project Read	iness: Hig	jh Pro	oject is i	ready to begin on or bef	ore December 1, 2021.				
				Strategic Goals					
Strategic (Goals: Hig	յի Str imբ No	rategic plement rthern	Initiative - Water Quali programs, projects and Region Priority: Improv	ty Maintenance and Impr regulations to maintain an /e Northern coastal spring	ovement: Develop and d improve water quality. systems.			
		Ove	rall Ra	nking and Recommend	lation				
Fund as a High F	Priority Thi pric dist ma	This project is cost effective and improves water quality discharging to Rainbow Springs, a SWIM priority water body. The Governor's Executive Order 19-12 instructs the five water management districts to prioritize funding to focus on projects that will address harmful algal blooms and maximize nutrient reductions.							
				Funding					
Funding Source	•	Prior		FY2022	Future	Total			
District			\$0	\$424,047	\$0	\$424,047			
Marion County			\$0	\$424,047	\$0	\$424,047			
Total \$0 \$848,094 \$0						\$848,094			

Project No. WW10	t No. WW10 Springs – Hernando County Septic to Sewer District Septic to Sewer District A, Phase 1b								
Hernando County						FY2022			
Risk	Level: Ty	rpe 2			Multi-Year Contract: No				
		Description							
Descri	ption: 30 co fur es pri	% design nnection c nstructed, nding requ timated cc ior to initia	and third-pa of existing re a minimum est is for co ost greater t ting final de	arty review of a regional esidential homes in the N of 224 existing septic s ompletion of 30% design han \$5 million dollars. G sign and construction.	wastewater collection syst Weeki Wachee Priority Foc ystems will convert to sani and third-party review (TP Governing Board approval c	em necessary for rus Area (PFA). If tary sewer. The FY2022 'R) as this project has an of the TPR is required			
Measurable Be	enefit: Th	e contract construct	ual Measur ion of a reg	able Benefit will be the o ional wastewater collect	completion of 30% design o ion system.	of the proposed project			
	Costs: To He Di co fur FL ye	tal Project Cost: \$1,666,667 (30% design, third-party review and additional design) ernando County share: \$250,000 strict share: \$250,000; The conceptual estimate for total project cost, including design mpletion, permitting and construction is \$11,500,000. It is anticipated the County will request nding to complete design, permitting and construction in future years. DEP share: \$1,166,667 (additional design); \$6,883,333 anticipated to be budgeted in future ars.							
				Evaluation					
Application Q	uality: Me	Medium Application included most of the required information identified in the CFI gui District PM/CM had to work with cooperator to obtain remaining required info				ed in the CFI guidelines. ing required information.			
Project Be	enefit: Hig	it: High The Resource Benefit of this water quality project is the reduction of pol an estimated 2,305 lbs/yr TN. There will be no monitoring or performance requirements. The project is located within the PFA of the Weeki Wache management action plan (BMAP), a SWIM priority water body.				ction of pollutant loads by performance testing eeki Wachee basin y.			
Cost Effective	eness: Me	Hedium For wastewater projects, the estimated cost/lb of TN (\$166) is lower than cost of \$176/lb for District funded water quality projects and is above what considered a highly effective project of \$100/lb. On average, this project approximately \$51,339 for each residential septic tank removed.				s lower than the average s above what would be this project allocates ved.			
Past Perform	ance: Me	edium	Based upo	on an assessment of the	schedule and budget for t	he 2 ongoing projects.			
Complementary E	fforts: Lo	W	This projec Florida Sta	ct does not have a local atutes, requiring sewage	ordinance in place in line v hookup within 365 days o	vith Section 381.0065, f availability.			
Project Read	iness: Hi	gh	Project is I	ready to begin on or bef	ore December 1, 2021.				
				Strategic Goals					
Strategic (Goals: Hi	gh	Strategic implement Northern	Initiative - Water Quali programs, projects and Region Priority: Improv	ty Maintenance and Impr regulations to maintain an ve Northern coastal spring	ovement: Develop and d improve water quality. systems.			
		(Overall Ra	nking and Recommend	dation				
Fund as a High F	Priority Th be Wa wa fur	The requested funds are to complete 30% design and TPR. The results will provide the District will better information to confirm the cost effectiveness of the project. This project is located within the Weeki Wachee PFA, a SWIM priority water body, and continues the County's efforts to improve water quality. If selected for funding, the District will only fund the project if FDEP also contributes funds and the Cooperator demonstrates appropriate controls are in place.							
				Funding					
Funding Source)	Р	rior	FY2022	Future	Total*			
District			\$0	\$250,000	\$1,475,000	\$1,725,000			
Hernando County			\$0	\$250,000	\$1,475,000	\$1,725,000			
FDEP		<u> </u>	\$0	\$1,166,667	\$6,883,333	\$8,050,000			
Total			\$0	\$1,666,667	\$9,833,333	\$11,500,000			

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q207	WMP –	West Ocala WMP	Update					
Marion County					FY2022			
Risk	Level: Typ	pe 4		Multi-Year Contract: Y	es, Year 1 of 2			
Description								
Descri	ption: Co Co fun	Complete a Watershed Management Plan (WMP) update for the West Ocala Watershed in Marion County, including watershed evaluation, floodplain analysis, and alternatives analysis. FY2022 funding will be used to begin the watershed evaluation.						
Measurable Be	enefit: The del	e contractual Measu lineation using digita	rable Benefit will be the of topographic information	completion of an updated V , permit data, and land use	VMP and floodplain updates.			
(Costs: Total project cost: \$444,000 Marion County: \$222,000 District: \$222,000 with \$111,000 requested in FY2022 and \$111,000 anticipated to be reque future years.							
			Evaluation					
Application Q	uality: Hig	h Applicatio	n included all the require	d information identified in t	he CFI Guidelines.			
Project Be	e nefit: Me	Medium The WMP will re-evaluate flooding problems that exist in the watershed. Currently flood analysis models are available, the watershed has experienced moderate changes since last study, and the watershed includes regional or intermediate stormwater systems.						
Cost Effective	eness: Me	Medium Project cost per square mile is within the mid-range of historic costs (\$15,001 - \$22,000 / sq mi) for WMP updates completed in mixed watersheds.						
Past Perform	ance: Hig	gh Based up	on an assessment of the	schedule and budget for the	ne 2 ongoing projects.			
Complementary E	fforts: Me	edium Cooperate	or's Community Rating S	ystem is 7 and is in the 6 to	o 9 range.			
Project Read	iness: Hig	gh Project is	ready to begin on or bef	ore December 1, 2021.				
			Strategic Goals					
Strategic 0	Goals: Me	edium Strategic determine to suppor	Initiative - Floodplain I local and regional flood t floodplain management	Management: Collect and a plain information, flood prot decision and initiatives.	analyze data to tection status and trends			
		Overall Ra	nking and Recommend	lation				
Fund as a Medium F	Priority Thi res alle	is project updates flo sulting product will be eviate flood risk, and	ood risk in an area with e utilized for flood zone d to enhance the planning	xisting flood analysis that is etermination, to help imple of future development in th	5 to 10 years old. The ment solutions that ne project area.			
Funding								
Funding Source	•	Prior	FY2022	Future	Total			
District		\$0	\$111,000	\$111,000	\$222,000			
Marion County		\$0	\$111,000	\$111,000	\$222,000			
Total		\$0	\$222,000	\$222,000	\$444,000			

Project No. Q230	WMP –	/MP – Gum Swamp & Big Jones Creek Watershed Management Plan Update							
Marion County						FY2022			
Risk	Level: Ty	vpe 4			Multi-Year Contract: Y	es, Year 1 of 4			
Description									
Descri	Complete a Watershed Management Plan (WMP) update for the Gum Swamp & Big Jones Creek Watershed in Marion County, including Watershed Evaluation, Floodplain Analysis, and Alternatives Analysis. FY2022 funding will be used to begin the Watershed Evaluation.								
Measurable Be	enefit: Th de	ne contract elineation u	ual Measur sing digital	able Benefit will be the c topographic information	completion of an updated V , permit data, and land use	VMP and floodplain e updates.			
Costs: Total project cost: \$1,015,000 Marion County: \$507,500 District: \$507,500 with \$126,875 requested in FY2022 and \$3 future years					Y2022 and \$380,625 antici	pated to be requested in			
				Evaluation					
Application Q	uality: Hi	gh	Application	n included all the require	d information identified in t	he CFI Guidelines.			
Project Be	e nefit: Me	edium	ium The WMP will re-evaluate flooding problems that exist in the watershed. Currently flood analysis models are available, the watershed has experienced moderate changes since last study, and the watershed includes regional or intermediate stormwater systems.						
Cost Effective	eness: Me	Medium Project cost per square mile is within the mid-range of historic costs (\$15,001 - \$22,000 / sq mi) for WMP updates completed in mixed watersheds.							
Past Perform	nance: Hig	High Based upon an assessment of the schedule and budget for the 2 ongoing projects.							
Complementary E	fforts: Me	Medium Cooperator's Community Rating System is 7 and is in the 6 to 9 range.							
Project Read	iness: Hi	HighProject is ready to begin on or before December 1, 2021.							
				Strategic Goals					
Strategic (Goals: Me	Medium Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.							
		(Overall Rai	nking and Recommend	lation				
Fund as a Medium F	Priority Th rea all	This project updates flood risk in an area with existing flood analysis that is 5 to 10 years old. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and to enhance the planning of future development in the project area.							
Funding									
Funding Source	e	P	rior	FY2022	Future	Total			
District			\$0	\$126,875	\$380,625	\$507,500			
Marion County			\$0	\$126,875	\$380,625	\$507,500			
Total		\$0 \$253,750 \$761,250 \$1,015,000							

Project No. WH06	Springs – Citrus County Old Homosassa Downtown North Septic to Sewer								
Citrus County		FY2022							
Risk	Level:	Туре 2			Multi-Year Contract: N	0			
Description									
Description:		30% design and third-party review (TPR) of a regional wastewater collection system necessary for connection of existing properties within the Homosassa-Chassahowitzka Priority Focus Area (PFA). If constructed, a minimum of 135 existing septic systems will convert to sewer. District funding is for 30% design and TPR as this project has an estimate greater than \$5 million dollars.							
Measurable Be	enefit:	The contractual Measurable Benefit of this project will be the completion of 30% design of this proposed project to construct a regional wastewater collection system.							
Costs:		Total project cost: \$1,000,000 (30% design, third-party review and additional design) Citrus County: \$250,000 District: \$250,000; The conceptual estimate for total project costs, including design completion, permitting, and construction is \$12,035,000. It is anticipated the County will request funding to complete design, permitting and construction in future years. FDEP share: \$500,000 (additional design); \$5,517,500 anticipated to be budgeted in future years							
				Evaluation					
Application Q	uality:	Medium	Application District PM	included most of the re /CM had to work with Co	quired information identifie ounty to obtain remaining r	d in the CFI guidelines. equired information.			
Project Be	Medium	The resource benefit, if constructed, is the reduction of pollutant loads by an estimated 1,389 lbs/yr TN. There will be no monitoring or performance testing requirements. The project is located within the PFA of the Chassahowitzka-Homosassa Springs basin management action plan. This benefit calculation differs from standard FDEP methodology as this project will impact the Homosassa River instead of the nearby spring vents.							
Cost Effective	Cost Effectiveness: For wastewater projects, the estimated cost/lb of TN (\$288.74) is higher of \$176/lb for District funded water quality projects. On average, this proproximately \$89,148 for each residential septic tank removed.					 is higher than the cost ge, this project allocates ed. 			
Past Perform	ance:	ance: High Based upon an assessment of the schedule and budget for the 6 ong				e 6 ongoing projects.			
Complementary E	Complementary Efforts: Medi			The Cooperator has an ordinance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.					
Project Readiness:HighProject is ready to begin on or before December 1, 2021.									
				Strategic Goals					
Strategic C	Goals:	: High Strategic Initiative - Water Quality Maintenance and Improvement: Develor implement programs, projects and regulations to maintain and improve water of Northern Region Priority: Improve Northern coastal spring systems.							
		(Overall Ran	king and Recommend	ation				
Fund as a Medium F	Priority	Requested funds are to complete 30% design and TPR. The results will provide the District with better information to confirm the cost effectiveness of the project. This project is located within the Chassahowitzka-Homosassa PFA and continues the County's efforts to improve water quality. Th project's lower cost effectiveness is primarily due to increased costs of construction within the unique karst geology of the project area. Given the proximity of the project within the Homsoassa Springs complex and Homosassa River, and the ability to further reduce nutrient loading to these systems, the overall project is ranked as Medium. If selected for funding, the District will only fund the project if FDEP also contributes funds and the Cooperator demonstrates appropriate controls are in place.							
Funding									
Funding Source	•	P	rior	FY2022	Future	Total*			
			\$0	\$250,000	\$2,758,750	\$3,008,750			
			\$0	\$250,000	\$2,758,750	\$3,008,750			
			\$U ¢0	\$500,000	\$5,517,500	\$6,017,500			
I OTAI			\$0	\$1,000,000	\$11,035,000	\$12,035,000			

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q224	WMP –	MP – East Citrus/Withlacoochee Watershed Management Plan							
Citrus County						FY2022			
Risk	Level: Ty	pe 4			Multi-Year Contract: N	10			
	Description								
Description: Co Cit de alto res		Complete the alternative analysis portion of the Watershed Management Plan (WMP) for the East Citrus / Withlacoochee Watershed in Citrus County. Governing Board approved floodplains were developed in September 2015. Requested FY2022 funds would have been used to complete the alternative analysis tasks including stormwater level of service analysis (LOS), surface water resource assessment (SWRA), and best management practice (BMP) alternative analysis.							
Measurable Bo	enefit: The ide def	e contractu entify risk o ficiencies.	ual Measur of flood dam	able Benefit will be the c hage and cost effective a	completion of an alternative alternatives for water quan	e analysis to better tity and quality			
(Costs: Total project cost: \$200,000 Citrus County: \$100,000 District: \$100,000								
				Evaluation					
Application Q	uality: Hig	gh	Application	n included all the require	d information identified in	the CFI Guidelines.			
Project Bo	enefit: Lo ¹	w	The project does not provide additional beneficial information. The area north of SR44 is within the Crystal River, Kings Bay, Chassahowitska and Homosassa Springshed Primary Focus Areas (PFA). It is generally known that nutrient loadings would be improved when septic systems are converted to a more centralized or advanced treatment systems. The SWRA would likely not provide new findings. Majority of the watershed is within the Tsala Apopka Chain of Lakes, which is managed by water control structures. The LOS would likely not reanalyze the operation schedule of the structures.						
Cost Effective	eness: Me	Medium Project cost per square mile is in the mid-range of historic costs (\$2,001 - \$4,000 / sq mi) for WMPs completed in rural watersheds.							
Past Perform	nance: Hig	gh	Based upon an assessment of the schedule and budget for the 6 ongoing projects.						
Complementary E	fforts: Hig	gh Cooperator's Community Rating System class is 5 and is in the 5 or better range.				he 5 or better range.			
Project Read	iness: Hig	gh	Project is I	ready to begin on or before	pre December 1, 2021.				
				Strategic Goals					
Strategic (Goals:								
		Overall Ranking and Recommendation							
Low Priority Not Recomm for fu	ow Priority Not Recommended The project is not cost effective as the overall cost outweighs the benefits and does not provide additional beneficial information.								
	Funding								
Funding Source	e	Pi	rior	FY2022	Future	Total			
District			\$0	\$100,000	\$0	\$100,000			
Citrus County			\$0	\$100,000	\$0	\$100,000			
Total		\$0 \$200,000 \$0 \$200,							

Project No. Q264	Conservation – Bay Laurel Turf Grass Reduction Project								
BLCCDD						FY2022			
Risk I	_evel: Typ	be 1			Multi-Year Contract: N	lo			
Description									
Descri	ption: Ma app Sho inst	Make available financial incentives to residential and commercial customers for the reduction of approximately 150,000 square feet of irrigated turf using Florida friendly landscaping techniques. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow.							
Measurable Be	enefit: The of a	e contractu a final repo	ual Measur ort.	able Benefit will be the i	mplementation of the prog	ram and the completion			
C	Costs: Tot BL Dis	tal project (.CCDD: \$7 strict: \$75,0	cost: \$150 75,000)00	,000					
				Evaluation					
Application Q	u ality: Hig	gh	Applicatio	n included all the require	d information identified in t	the CFI guidelines.			
Project Be	enefit: Hig	High The benefit of this project is the conservation of approximately 9,726 gallons per day in the Northern Planning Region.							
Cost Effective	ness: Lov	Low Project is not cost effective.							
Past Perform	ance: Hig	High Based upon an assessment of the schedule and budget for the 1 ongoing project.							
Complementary Ef	fforts: Hig	Applicant has the complementary efforts of having an active conservation program,Highhaving water loss less than the District average, and being in the process of adoptinghigh efficiency standards for new construction.							
Project Readi	ness: Me	Medium Project is ready to begin on or before March 1, 2022.							
				Strategic Goals					
Strategic C	Boals:								
Overall Ranking and Recommendation									
Low Priority Not Recommender for fu	nended Project will conserve potable water supply in the Northern Planning Region but is not cost effective.					n but is not cost effective.			
Funding									
Funding Source)	Pr	ior	FY2022	Future	Total			
District			\$0	\$75,000	\$0	\$75,000			
BLCCDD		\$0 \$75,000 \$0							
Total		\$0 \$150,000 \$0							

Project No. W402	Restora	Restoration – Kings Bay Restoration Project							
Save Crystal River						FY2022			
Risk	Level: Typ	pe 2			Multi-Year Contract: N	0			
				Description					
Descri	ption: De Riv	Detrital removal and Vallisneria planting in designated areas of Hunters Cove within Crystal River/Kings Bay, a SWIM priority waterbody.							
Measurable Be	enefit: The acr	e contract es of subi	tractual Measurable Benefit will be the detrital removal and Vallisneria planting in 0.75						
(Costs: Tot Sav Dis	Total project cost: \$518,263 Save Crystal River: \$315,000 District: \$203,263							
				Evaluation					
Application Q	uality: Me	dium	Applicatior District PN	n included most of the re I had to work with coope	equired information identifie erator to obtain remaining r	ed in the CFI guidelines. equired information.			
Project Be	enefit: Lov	N	The Resource Benefit of the project is the detrital removal and Vallisneria planting of 0.75 acres of submerged lands in Crystal River/Kings Bay, a SWIM priority waterbody.						
Cost Effective	eness: Lov	N	The estimated cost/acre for this project is above the historical average of \$53,326/acre for Natural Systems Restoration.						
Past Perform	iance: Hig	jh	Based on the cooperator having no ongoing projects with the District they are ranked high.						
Complementary E	fforts: Me	dium	Applicant has complementary efforts to restore other systems, which removes exotic species. According to their application, they participate in an adopted highway program.						
Project Read	iness: Lov	N	Project is not expected to begin until after March 1, 2022 due to manatee season.						
				Strategic Goals					
Strategic (Goals:								
		(Overall Rai	nking and Recommend	lation				
Low Priority Not Recomm for fu	ended The unding	d The project is not cost effective and the project has minimal resource benefit.							
Funding									
Funding Source	9	P	rior	FY2022	Future	Total			
District			\$0	\$203,263	\$0	\$203,263			
Save Crystal River			\$0	\$315,000	\$0	\$315,000			
Total		\$0 \$518,263 \$0 \$51							

Project No. Q043	Sprin	Springs – Marion County State Road 200 Septic to Sewer Project						
Marion County						FY2022		
Risk	Level:	Туре 2			Multi-Year Contract: Y	es, Year 1 of 1		
	Description							
Descri	ption: [Design, perm and impact fe Basin Manaç (PFA) .	Design, permitting and construction of a municipal sewer system connections including connection and impact fees, tank abandonment and necessary components located within the Rainbow River Basin Management Action Plan (BMAP) but outside of the Rainbow Springs Priority Focus Area PFA).					
Measurable Be	enefit:	The contractor main which v with the pern	ual Measur vill result th nitted plans	able Benefit will be the c e abandonment of 5 sep s.	connection of 4 parcels to a otic tanks. Construction wi	an existing 16 inch force Il be done in accordance		
Costs: Total Project Cost: \$712,929 FDEP Springs Funding: \$356,464 District: \$178,232 Marion County: \$178,232								
				Evaluation				
Application Q	uality:							
Project B	enefit:							
Cost Effective	eness:							
Past Perform	nance:							
Complementary E	fforts:							
Project Read	iness:							
				Strategic Goals				
Strategic (Goals:							
			Overall Ra	nking and Recommend	lation			
Not Recomm	ended	This project is not recommended for funding, it is inconsistent with the FY2022 CFI guidelines which specify that for funding consideration septic to sewer projects must address issues within a Springs Priority Focus Area (PFA) of a Basin Management Action Plan (BMAP) area as identified by the FDEP and within the District boundaries. The project is located outside of the PFA of the Rainbow River BMAP.						
				Funding				
Funding Source	e	P	rior	FY2022	Future	Total		
District			\$0	\$178,232	\$0	\$178,232		
Marion County			\$0	\$356,464	\$0	\$356,464		
FDEP Springs			\$0	\$178,232	\$0	\$178,232		
Total			\$0	\$712,929	\$0	\$712,929		

The Southwest Florida Water Management District (District) does not discriminate on the basis of disability. This nondiscrimination policy involves every aspect of the District's functions, including access to and participation in the District's programs, services and activities. Anyone requiring reasonable accommodation, or who would like information as to the existence and location of accessible services, activities, and facilities, as provided for in the Americans with Disabilities Act, should contact the Human Resources Office Chief, at 2379 Broad St., Brooksville, FL 34604-6899; telephone (352) 796-7211 or 1-800-423-1476 (FL only), ext. 4747; or email <u>ADACoordinator@WaterMatters.org</u>. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1-800-955-8771 (TDD) or 1-800-955-8770 (Voice). If requested, appropriate auxiliary aids and services will be provided at any public meeting, forum, or event of the District. In the event of a complaint, please follow the grievance procedure located at <u>WaterMatters.org/ADA</u>.