FY2022 Cooperative Funding Initiative Project Final Evaluations and Rankings

Southwest Florida Water Management District FY2022 Proposed Cooperative Funding Projects 7-May-21

Pago	Broject	Cooperator	Project Name	Final Staff Rank	District Prior Funding	FY2022 Proposed District Funding	District Future Funding
Heartlan	d Region	Cooperator	Project Name	Ralik	Funding	Funding	Funding
Projects	Recomme	nded by Regional Sub	committee				
6	Q067	Polk County	Reclaimed – Polk County NERUSA Southeast Reuse	1A	\$2,076,750	\$110,000	0
7	Q176	Winter Haven	WMP – Winter Haven/Upper Peace Creek Watershed	1A	\$225,000	\$150,000	0
8	Q181	FDEP	WMP – Highlands Hammock State Park/Little Charlie	1A	\$75,000	\$97,500	\$97,500
			Bowlegs WMP			* =0.000	
9	Q223	Polk County	Study – Lake Lowery Outfall Evaluation	н	0	\$50,000	0
10	Q252	Fort Meade	Study – Ft. Meade Reclaimed Water Feasibility Study	н	0	\$168,750	0
11	Q266	Polk County	Conservation – Polk County Florida Water Star Builder Reimbursement Program	Н	0	\$20,000	0
12	Q271	Winter Haven	Reclaimed – Winter Haven Preserve at Lake Ashton Reclaimed Water Transmission	Н	0	\$500,000	\$910,000
13	Q284	Frostproof	SW IMP – Water Quality – Wall Street BMPs	н	0	\$112 500	\$337 500
14	Q285	Lake Wales	SW IMP – Water Quality – Park Avenue Streetscape	н	0	\$110,000	0
45	0200		Improvements		0	¢110,000	¢70.750
15	Q298	Highlands County	Catfish Creek BMPs	п	0	\$110,250	\$78,750
16	Q303	Haines City	Reclaimed – Haines City Lake Eva Aquifer Recharge and MFL Recoverv	Н	0	\$253,500	\$2,700,000
17	Q286	Lakeland	Study – Lake Parker Restoration	М	0	\$80,000	0
18	W518	Polk County	Restoration – Lake Hancock Natural Systems	Μ	0	\$210,000	0
19	W520	Polk County	Study – Upper Peace River Feasibility	М	0	\$60,000	0
20	W564	Polk County	Study – Ridge to Rivers Feasibility	M	0	\$160,000	0
20	11001	1 one obtainly	Total Recommended by Regional Subcommittee		\$2.376.750	\$2,198,500	\$4.123.750
					<i>42,010,100</i>	<i>42,100,000</i>	<i></i>
Projects	Not Recor	nmended by Regional	Subcommittee				
21	Q184	PRWC	Brackish – Polk Regional Water Cooperative	L	\$6,750,000	\$42,772,000	\$40,724,500
22	Q216	PRWC	Interconnects – Polk Regional Water Cooperative	L	\$4,950,000	\$31,542,000	\$16,552,150
23	Q267	PRWC	Conservation – PRWC Demand Management	L	0	\$102,679	0
			Implementation Total Not Recommended by Regional		\$11,700,000	\$74,416,679	\$57,276,650
			Subcommittee				
Northern	n Region						
Projects	Recomme	nded by Regional Sub	committee		****	****	
25	Q075	Lake County	Restoration – Pasture Reserve	1A	\$200,000	\$300,000	0
26	Q082	Wildwood	WMP - Wildwood Watershed Management Plan	1A	\$70,000	\$15,000	0
27	Q086	Dunnellon	WMP – Dunnellon Watershed Management Plan	1A	\$95,000	\$47,500	0
28	Q167	Citrus County	WMP – Red Level Watershed Management Plan	1A	\$100,000	\$75,000	\$75,000
29	Q197	Williston	SW IMP – Flood Protection – John Henry Celebration Park Stormwater Improvements	1A	\$300,000	\$422,250	0
30	Q231	Marion County	WMP – Rainbow River Watershed Management Plan Update	Н	0	\$153,800	\$615,200
31	Q254	Citrus County	Conservation – Citrus County Water Conservation	Н	0	\$46,600	0
32	Q255	BLCCDD	Conservation – Bay Laurel CCD Water Conservation	н	0	\$164,750	0
33	WR10	Marion County	Program SW IMP – Water Quality – Rainbow Springs 5th	н	0	\$424,047	0
34	WR11	Marion County	Replat Stormwater Retrofit Springs – Marion County State Road 200 Septic to	н	0	\$178,232	0
35	WW10	Hernando County	Sewer Project Springs – Hernando County Septic to Sewer District	н	0	\$250 000	\$1 475 000
00	0007		A, Phase 1b		•	¢200,000	¢1,110,000
36 37	Q207 Q230	Marion County Marion County	WMP – West Ocala WMP Opdate WMP – Gum Swamp & Big Jones Creek Watershed	M	0	\$111,000 \$126,875	\$111,000 \$380,625
38	WH06	Citrus County	Management Plan Update Springs – Citrus County Old Homosassa Downtown	М	0	\$250.000	\$2,758,750
		,	North Septic to Sewer Total Recommended by Regional Subcommittee		\$765.000	\$2 565 054	\$5 A15 57F
			Total Neconimended by Neglonal Subconfillitie		ψι 00,000	<i>ψ</i> 2,303,034	ψ 0, 1 10,010
Projects	Not Recor	nmended by Regional	Subcommittee				
39	Q224	Citrus County	WMP – East Citrus/Withlacoochee Watershed Management Plan	L	0	\$100,000	0

Southwest Florida Water Management District FY2022 Proposed Cooperative Funding Projects 7-May-21

						FY2022	
_				Final Staff	District Prior	Proposed District	District Future
Page	Project	Cooperator	Project Name	Rank	Funding	Funding	Funding
40	Q264	BLCCDD	Conservation – Bay Laurel Turf Grass Reduction	L	0	\$75,000	0
			Total Not Recommended by Regional Subcommittee		\$0	\$175,000	\$0
Southe	rn Region		Cubcommittee				
Project	s Recomme	nded by Regional Subc	committee				
42	Q141	Manatee County	SW IMP - Flood Protection - Bowlees Creek Flood Mitigation	1A	\$139,852	\$139,853	0
43	Q148	Manatee County	WMP - Cow Pen Slough Watershed	1A	\$135,000	\$135,000	0
44	Q151	Manatee County	WMP - South Manatee County Watersheds	1A	\$372,000	\$372,000	0
45	Q157	Bradenton	SW IMP – Flood Protection – City of Bradenton	1A	\$100,000	\$297,441	\$772,559
46	0101	Manataa County	Village of the Arts South Drainage Improvements	1 0	\$202 COE	¢202 625	0
40	0202		Study _ DDMDW/SA Southern Degional Lean Dhase	14	\$303,023 \$150,000	\$303,023 ¢E0.000	0
47	Q202	PRIVIRVISA	2B & 2C Eessibility and Routing	IA	\$150,000	\$50,000	0
48	Q205	PRMRWSA	Study – PRMRWSA Phase 3C Integrated Loop	1A	\$200,000	\$100,000	0
<u>4</u> 9	0050	Venice	ASR – City of Venice Reclaimed Water ASR	н	\$232 500	\$1 100 000	\$1 200 000
50	Q217	Arcadia	Study – Arcadia Stormwater Evaluation and	н	φ202,000 0	\$112,500	0
51	Q234	Manatee County	SW IMP – Flood Protection – Bowlees Creek	н	0	\$250,000	\$900,236
52	Q248	PRMRWSA	AWS – PRMRWSA Regional Acquisition of the Project Prairie Pumping and Storage Eacilities	н	0	\$637,500	0
53	Q268	BRU	Reclaimed – BRU Taylor Road Area Transmission	н	0	\$1,050,000	\$2,500,000
54	Q272	PRMRWSA	AWS – PRMRWSA Reservoir No. 3	н	0	\$3.625.000	\$112.075.000
55	W105	Holmes Beach	SW IMP – Water Quality – Central Holmes Beach BMPs - Phases F. G. and H.	Н	0	\$256,250	\$512,500
56	W219	Anna Maria	SW IMP – Water Quality – Anna Maria BMPs Phase	н	0	\$254,380	0
57	W647	Sarasota County	Restoration – Phillippi Creek Stream Restoration	н	0	\$200,000	\$500,000
58	Q257	Sarasota	Study – Sarasota County System-Wide Wellfield	М	0	\$75,000	0
59	Q265	North Port	Conservation – North Port Water Distribution Ridgewood/Lamplighter Area Looping Project	М	0	\$173,950	0
			Total Recommended by Regional Subcommittee		\$1,712,977	\$9,212,499	\$118,460,295
Project	s Not Recon	mended by Regional S	Subcommittee		0	¢45.000	¢10,000,000
60	Q237	Sarasola County	Recharge		0	\$45,000	\$10,000,000
01	Q276		Expansion	N/R	0	\$150,000	\$1,500,000
62	Q277	Sarasota County	Study – Sarasota Bay Septic to Sewer Water Quality Study	N/R	0	\$2,500,000	0
63	W646	City of Sarasota	SW IMP – Water Quality – City of Sarasota Created Wetlands System	Н	0	\$1,511,535	0
			Total Not Recommended by Regional Subcommittee		\$0	\$4,206,535	\$11,500,000
Tampa	Bay Region						
Project	s Recomme	nded by Regional Subc	committee		*=======	****	
65	Q011	Pasco County	WMP – Pithlachascotee/Bear Creek WMP	1A	\$500,000	\$300,000	0
67	Q013 Q130	Pasco County Pinellas County	Study Nutrient Source Tracking	1A	\$000,000 \$85,000	\$300,000	0
68	0149	Pinellas County	WMP – Coastal Zone 5 Watershed Management Plan	14	\$75,000	\$13,000	\$100,000
69	0163	Seminole	WMP - Seminale Stormwater Master Plan Undate	1Δ	\$125,000	\$125,000	φ100,000 0
70	0171		and Infrastructure Assessment	14	¢120,000	\$120,000	0
70	0100	Pinellas County	Analysis and Feasibility Study		\$130,000	\$130,000	0 #00.000
71	Q196		Analysis and Feasibility Study	1A	\$180,000	\$90,000	\$90,000
/2	Q199	Pinellas County	WMP – Starkey Road WMP Update	1A	\$75,000	\$100,000	\$75,000
13	Q210	Pasco County	Svv IIVIP – Flood Protection – Griffin Park Flood Abatement Project	ΊA	\$195,000	\$705,000	0
74 75	Q213 W211	Hillsborough County Pinellas County	Hillsborough County SCADA System Restoration – Weedon Island Tidal Marsh	1A 1A	\$200,000 \$56,268	\$700,000 \$123,790	0 \$288,842

Southwest Florida Water Management District FY2022 Proposed Cooperative Funding Projects 7-May-21

						FY2022	
				Final	District	Proposed	District
_	- · · ·	a ,		Staff	Prior	District	Future
Page	Project	Cooperator	Project Name	Rank	Funding	Funding	Funding
70	11949	rampa	Heights Flood Relief	п	\$4,000,000	\$7,500,000	\$250,000
77	Q146	Tampa Bay Water	Interconnects – Tampa Bay Water Southern Hillsborough Co. Booster Pump Station	н	\$500,000	\$500,000	\$2,550,000
78	Q190	Tampa	SW IMP – Flood Protection – Lower Peninsula	Н	\$35,000	\$6,000,000	\$6,465,000
79	Q220	St. Petersburg	SW IMP – Flood Protection – 7th Street North, 50th Avenue North Vicinity Storm Drainage Improvements	Н	0	\$1,500,000	\$1,228,500
80	Q225	Pasco County	SW IMP – Flood Protection – Lafitte Drive	н	0	\$250,000	\$1,631,417
81	Q236	Tampa	Study – Sulphur Springs Flow Feasibility Study	н	0	\$125,000	\$195,000
82	Q241	Tampa Bay Water	Interconnects – TBW Southern Hillsborough County Transmission Expansion	н	0	\$4,459,207	\$140,594,793
83	Q245	Pinellas County	Conservation – Pinellas County AMI Metering	н	0	\$139,414	0
84	Q246	Tampa	Reclaimed – Tampa Hillsborough River MFL "PURE"	н	0	\$60,280	\$41,039,720
85	Q256	St. Petersburg	Conservation – St. Petersburg Sensible Sprinkling	н	0	\$50,000	0
86	Q259	Tarpon Springs	Conservation – Tarpon Springs Water Conservation	н	0	\$15,000	0
87	W024	TBEP	FY2022 Tampa Bay Environmental Restoration Fund	Н	0	\$350,000	0
88	W103	Pinellas County	Restoration – Roosevelt Creek Channel 5	Н	0	\$350,000	0
89	W106	Pinellas County	Improvements SW IMP – Water Quality – Starkey M10 Stormwater	н	0	\$324,000	0
90	W298	Philippe Bay	Facility Quality Improvements SW IMP – Water Quality – Philippe Bay Stormwater	н	0	\$60,000	0
		Neighborhood Association	Quality Upgrades				
91	N865	Pasco County	SW IMP – Flood Protection – Magnolia Valley Storage and Wetland Enhancement Project	М	\$500,000	\$250,000	\$5,750,000
92	Q219	Pinellas County	WMP – Sutherland Bayou Watershed Management Plan	М	0	\$50,000	\$100,000
93	Q221	Pinellas County	Study – Curlew Creek & Smith Bayou Feasibility Study	М	0	\$180,500	\$180,500
94	Q226	Hillsborough County	WMP – Hillsborough County Countywide Watershed	М	0	\$500,000	\$500,000
95	Q227	Hillsborough County	Study – 76th Street West Bypass Feasibility Study	М	0	\$50,000	0
96	Q228	Madeira Beach	WMP – City of Madeira Beach Watershed	М	0	\$74,246	0
97	Q233	Pinellas County	Study – Clearwater Harbor/St Joseph Sound Nitrogen	М	0	\$50,000	\$150,000
98	Q274	Zephyrhills	Reclaimed – Zephyrhills to Pasco County Reclaimed	М	0	\$880,000	0
99	W102	Redington Beach	Water Interconnect SW IMP – Water Quality – Town of Redington Beach	М	0	\$75,000	0
			Stormwater Retrofits Phase II Total Recommended by Regional Subcommittee		\$7,256,268	\$26,493,937	\$201,188,772
Projects	Not Recon	mended by Regional S	subcommittee				
100	Q222	Pasco County	SW IMP – Flood Protection – Buzzard Lake	L	0	\$151,000	\$0
101	Q235	Pasco County	SW IMP – Flood Protection – Quail Hollow Blvd	L	0	\$400,000	\$3,127,623
			Total Not Recommended by Regional Subcommittee		\$0	\$551,000	\$3,127,623

Heartland Region FY2022 Cooperative Funding Initiative Final Evaluations and Rankings

Project No. Q067	Recl	aimed – Po	k Cour	nty NERUSA Sout	theast Reuse Lo	pop Project			
Polk County							FY2022		
Risk	Level:	Туре 2			Multi-Ye	ear Contract: Yes, Yes	ear 3 of 3		
				Description					
Descri	ption:	Design, pern mains and o homes in the and to enabl	nitting ar ther nece Southe e supply	nd construction of ap essary appurtenance ast reuse portion of to future planned su	proximately 24,80 es to construct a lo the North East Re ubdivisions.	0 feet of reclaimed w oop to supply approxi gional Utility Service	ater transmission mately 1,365 Area (NERUSA)		
Measurable Bo	enefit:	The contract water for res Florida Wate	ual Meas idential i er Initiativ	surable Benefit will b rrigation use for an a ve area (CFWI).	be the supply and anticipated 0.522 r	utilization of 0.522 m ngd of water savings	gd of reclaimed in the Central		
Costs: Total project cost: \$4,373,500 (design, permitting, construction) Polk County: \$2,186,750; District: \$2,186,750, with \$2,076,750 budgeted in previous years, and the final \$110,000 is requested in FY2022							6110,000 is		
				Evaluation					
Application Q	uality:	High	Application included all of the required information identified in the CFI guidelines.						
Project Bo	enefit:	High	gh The benefit is the supply of 0.522 mgd of reclaimed water to residential irrigation customers for an anticipated 0.522 mgd of water savings within the CFWI.						
Cost Effective	eness:	High	\$8.38 p average	er gallon per day ca e for alternative supp	pital cost which is plies.	less than the \$10 to	\$15 per gallon		
Past Perform	nance:	High	Based u	upon an assessmen	t of the schedule a	and budget for the 11	ongoing projects.		
Complementary E	fforts:	High	The Co based r expans	operator has a prog euse rate structure f ion policies which m	ram in place that in for high volume us aximize utilization	ncludes metering and ers, and has proactiv and environmental b	l an incentivized ve reclaimed enefits.		
Project Read	iness:	High	Project	is ongoing and on s	chedule.				
				Strategic Goals	;				
Strategic (Goals:	High	Strateg to reduc Heartla (SWUC	jic Initiative - Recla ce demand on traditi i nd Region Priority (A) Recovery Strateg	imed Water: Max onal water supplie : Implement South gy.	imize beneficial use d es. lern Water Use Cauti	of reclaimed water on Area		
			Overall I	Ranking and Recor	nmendation				
Fund as 1A F	Priority	This ongoing SWUCA and	project is cost e	is recommended for effective.	funding as it redu	ces reliance on tradit	tional sources in the		
				Funding					
Fundin	g Soui	rce		Prior	FY2022	Future	Total		
District				\$2,076,750	\$110,000	\$0	\$2,186,750		
Polk County				\$2,076,750	\$110,000	\$0	\$2,186,750		
T	otal			\$4,153,500	\$220,000	\$0	\$4,373,500		

Project No. Q176	WMF	P – Winter H	laven/U	pper Peace Cree	ek Watershed O	ptimization Model						
Winter Haven		FY2022										
Risk	Level:	Туре 3	ype 3 Multi-Year Contract: Yes, Year 2 of 2									
	Description											
Description: Development of a Watershed. The develop options f funding will be us				f an integrated surface and groundwater planning model for the Upper Peace Creek e model will incorporate economic, social and environmental considerations to for flood mitigation, water supply and natural system enhancements. FY2022 used to complete the Flood Mitigation Plan and Funding Plan.								
Measurable Benefit: The contractual Me addressing water and Creek and the Peac				surable Benefit is th d related resources e River.	e completion of an for the Winter Hav	integrated optimizat en lakes, Ridge lakes	ion model s, Upper Peace					
Costs: Total project cos Winter Haven: \$ District: \$375,00				50,000 000 h \$225,000 budgete	ed in previous year	s and \$150,000 requ	ested in FY2022.					
				Evaluation								
Application Q	uality:	High	Application included all the required information identified in the CFI guidelines.									
Project Bo	enefit:	Medium	The project is a planning and modeling project to address improvement of flood protection, enhancement of natural systems, water supply and economic development. The resource benefits and costs will be clearly defined for each proposed project.									
Cost Effective	eness:	Medium	m The cost of this project is similar to other projects of similar scope.									
Past Perform	ance:	Medium	Based u	upon an assessmer	nt of the schedule a	and budget for the 5 o	ongoing projects.					
Complementary E	fforts:	High	The app flood pr	olicant has four or n otection and natura	nore complementa I systems.	ry efforts in the areas	of water supply,					
Project Read	iness:	High	Project	is ongoing and on s	schedule.							
				Strategic Goal	S							
Strategic (Goals:	High	Strateg alternat Strateg of natur Strateg determi to supp Heartla Recove	ic Initiative - Alter ive sources of wate ic Initiative - Cons al ecosystem for th ic Initiative - Flood ne local and region ort floodplain mana nd Region Priority ry Strategy.	native Water Sup r to ensure ground ervation and Res e benefit of water a dplain Manageme al floodplain inform gement decision an r: Implement South	plies: Increase devel water and surface wa toration: Restoration and water-related res nt: Collect and analy lation, flood protectio nd initiatives. lern Water Use Caution	opment of ater sustainability. and maintenance ources. ze data to n status and trends ion Area (SWUCA)					
			Overall I	Ranking and Reco	mmendation							
Fund as 1A F	Fund as 1A Priority This ongoing study will develop an integrated planning model for the Upper Peace Creek Watershed that will result in project options for reduced groundwater use in the SWUCA, flood protection improvements, and natural system restoration. Specific benefits will be provided as a part of the project option analysis.											
				Funding								
Fundin	g Sou	rce		Prior	FY2022	Future	Total					
District				\$225,000	\$150,000	\$0	\$375,000					
Winter Haven				\$225,000	\$150,000	\$0	\$375,000					
T	otal			\$450,000	\$300,000	\$0	\$750,000					

Project No. Q181	WMF	P – Highland	ds Ham	mock State Park	Little Charlie B	owlegs WMP			
FDEP							FY2022		
Risk	Level:	Type 4	pe 4 Multi-Year Contract: Yes, Year 2 of 3						
				Description					
Descri	iption:	Complete a lincreased for will include a surface wate analysis with funding will b	Complete a Watershed Management Plan (WMP) for the Little Charlie Bowlegs Watershed with an increased focus on Highlands Hammock State Park in Highlands and Hardee Counties. This study vill include a watershed evaluation, floodplain analysis, level of service (LOS) determination, surface water resource assessment (SWRA), and best management practice (BMP) alternatives analysis with the goal of improving flood protection, water quality and/or natural systems. FY2022 unding will be used to conduct the floodplain analysis.						
Measurable Bo	enefit:	The contract establishes I improves wa	ual Meas ₋OS, per iter qualit	surable Benefit will t forms a SWRA, and ty and/or enhances	be the completion of l evaluates BMPs t natural systems in	of a WMP that identified of a ddress flooding control the watershed.	es floodplains, oncerns, and		
(Costs:	Total Project FDEP: \$270 District: \$270 \$97,500 anti	t cost: \$5 ,000 0,000 wit cipated t	40,000 h \$75,000 budgeted o be requested in fu	l in previous years lture years.	, \$97,500 requested in	n FY2022 and		
				Evaluation					
Application Q	uality:	High	Application included all the required information identified in the CFI Guidelines.						
Project Bo	enefit:	Medium	The WMP will analyze flooding problems that exist in the watershed. Currently, analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems. Resource benefit is set t medium to reflect that nearly half of the watershed is within the State Park.						
Cost Effective	eness:	High	Project cost per square mile is in the low range of historic costs (under \$14,100/sq m for WMPs completed in rural watersheds.						
Past Perform	nance:	High	Based u	upon an assessmen	t of the schedule a	nd budget for the 1 or	ngoing project.		
Complementary E	fforts:	High	Coopera System	ator is a state agend	cy and does not pa	rticipate in the Comm	unity Rating		
Project Read	iness:	High	The pro	ect is ongoing and on schedule.					
				Strategic Goals	;				
Strategic (Goals:	High	Strateg of natur Strateg determi to suppo Strateg data to resourc	ic Initiative - Cons al ecosystem for the ic Initiative - Flood ne local and regiona ort floodplain manag ic Initiative - Wate determine local and e management deci Ranking and Reco	ervation and Rest benefit of water a lplain Managemen al floodplain inform gement decision ar r Quality Assess regional water qua sions and restoration	toration: Restoration and water-related resonnt: Collect and analyz ation, flood protection ind initiatives. Inent and Planning: (ality status and trends ion initiatives.	and maintenance purces. te data to a status and trends Collect and analyze to support		
Eund as 1A F	Priority	This ongoing	n project	will identify flood ris	k and develop imp	rovement plans in an	area that does not		
have a flood risk model. The study includes the Highlands Hammock State Park and the surrounding watershed. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, improve water quality, and/or enhance natural systems.									
				Funding					
Fundin	g Soui	rce		Prior	FY2022	Future	Total		
District				\$75,000	\$97,500	\$97,500	\$270,000		
FDEP				\$75,000	\$97,500	\$97,500	\$270,000		
T	otal			\$150,000	\$195,000	\$195,000	\$540,000		

Project No. Q223	Stud	ly – Lake Lo	wery C	outfall Evaluation	1						
Polk County		FY2022									
Risk	Level:	Туре 3		Multi-Year Contract: No							
				Description							
Descri	ption:	Completion Lake Lowery outbuildings	of a feas Outfall. and fail	feasibility study to identify and evaluate possible drainage improvements to the itfall. Numerous complaints of flooded properties, roads, driveways, wells, d failed septic systems have been reported to the County and the District.							
Measurable Be	enefit:	The contract evaluates po	ual Mea ssible di	surable Benefit will rainage improveme	be the completion nts to the Lake Lov	of a feasibility study t very Outfall.	hat identifies and				
(Costs:	Total project Polk County District: \$50,	cost: \$1 : \$50,000 000 requ	00,000 (study)) uested in FY2022							
				Evaluation							
Application Q	uality:	High	h Application included all the required information identified in the CFI guidelines.								
Project Bo	enefit:	High	The project benefit is a feasibility study that will analyze flooding problems in the watershed and identify possible solutions. Currently, flood analysis models are available, and the watershed includes regional or intermediate stormwater system								
Cost Effective	eness:	Medium	The cos	st of this project is c	omparable to othe	r prior projects with si	imilar scopes.				
Past Perform	nance:	High	Based	upon an assessmer	nt of the schedule	and budget for the 11	ongoing projects.				
Complementary E	fforts:	Medium	Cooper	ator's Community F	ating System clas	s is 6 and is in the 6 t	o 9 range.				
Project Read	iness:	High	Project	is ready to begin or	n or before Decem	ber 1, 2021.					
				Strategic Goal	S						
Strategic (Goals:	Medium	Strateg determine to supp	ic Initiative - Floo ne local and region ort floodplain mana	dplain Manageme al floodplain inforn gement decision a	nt: Collect and analy nation, flood protectio nd initiatives.	ze data to n status and trends				
		l l	Overall	Ranking and Reco	mmendation						
Fund as a High F	und as a High Priority This project is to complete a feasibility study to identify and evaluate possible solutions to reduce flooding in the Lake Lowery Watershed where numerous flooding complaints have been reported to the County and the District.										
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$0	\$50,000	\$0	\$50,000				
Polk County				\$0	\$50,000	\$0	\$50,000				
T T	otal			\$0	\$100,000	\$0	\$100,000				

Project No. Q252	Stud	ly – Ft. Mea	de Recl	aimed Water Fea	asibility Study				
Ft. Meade							FY2022		
Risk	Level:	Type 2			Multi-Ye	ear Contract: No			
				Description					
Descri	ption:	A Feasibility the full utiliza Water Const study will ide maintenance	Study to ation of th ructed W entify cos e costs a	determine and corne City's available r /etlands and Optior /t to benefit ratios, p nd identify how they	trast two different eclaimed water flow n 2: Duke Hines En rojected benefits, p / support the Distri	0.54 mgd reclaimed wws. Option 1: Ft. Mea ergy Reclaimed Trar probable construction ct's Strategic Initiative	water options for ade Reclaimed nsmission. The n, operation and es.		
Measurable Be	enefit:	The contract costs, benefit the Southern	ual Meas its and re Water U	surable Benefit will ecommendations fo Jse Caution Area (S	include the comple r two reclaimed wa SWUCA).	tion of a feasibility st ter options to utilize t	udy to identify the he 0.54 mgd within		
(Costs:	Total project Ft. Meade: \$ District: \$168	ect cost: \$225,000 (feasibility); : \$56,250 (REDI Eligible Community); 68,750, with all requested in FY2022;						
				Evaluation					
Application Q	uality:	High	Application included all of the required information identified in the CFI guidelines.						
Project Be	enefit:	Medium	The project benefit is the completion of a feasibility study to evaluate potential project options to utilize 0.54 mgd of excess Ft. Meade reclaimed water.						
Cost Effective	eness:	High	The costs are consistent with the range of costs for similar reuse feasibility studies co- funded by the District.						
Past Perform	ance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 1 o	ongoing project.		
Complementary E	fforts:	High	The Co based r expansi	operator has a prog euse rate structure ion policies which n	ram in place that i for high volume us naximize utilization	ncludes metering and ers, and has proactiv and environmental b	d an incentivized ve reclaimed venefits.		
Project Read	iness:	High	The pro	ject is ready to beg	in on or before De	cember 1, 2021.			
				Strategic Goal	S				
Strategic (Goals:	High	Strateg to reduc Heartla (SWUC	ic Initiative - Recla ce demand on tradi ind Region Priority A) Recovery Strate	aimed Water: Max tional water supplie r: Implement South gy.	imize beneficial use o es. hern Water Use Cauti	of reclaimed water ion Area		
			Overall I	Ranking and Reco	mmendation				
Fund as a High F	Fund as a High Priority The project is recommended for funding, as it will provide valuable information necessary for the potential development of a future reuse option. Ft. Meade qualifies for a 75% cost share as a REDI community as defined by Florida Statute. Under the Governing Board's Cooperative Funding Initiative Policy, the Board can reduce the requirements for matching funds for REDI communities.								
				Funding					
Fundin	g Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$168,750	\$0	\$168,750		
Ft. Meade				\$0	\$56,250	\$0	\$56,250		
Τ.	otal			\$0	\$225,000	\$0	\$225,000		

Project No. Q266	Cons	servation –	Polk Co	ounty Florida Wa	ater Star Builder	Reimbursement	Program	
Polk County]						FY2022	
Risk	Level:	Туре 1			Multi-Ye	ear Contract: No		
				Description				
Description: Make available finan (FWS) standards and specific water-efficie in landscape and irrig home for home build approximately 40 FW ordinances, requiring within all jurisdictions				cial incentives to he submitting proof of hey criteria inside th gation design and ir ers to assist with th /S-certified homes. FWS standards fo	ome builders for builders for builders for builders for builders in appliar installation. This prose additional costs a Some Polk County r new construction.	Iding homes to Floric for these homes. FW nees and fixtures and ject will provide a \$1 associated with buildi municipalities have Rebates will be avai	la Water Star /S homes meet outside the homes ,000 rebate per ng and certifying adopted local lable county wide	
Measurable Bo	enefit:	The contract final report.	ual Mea	surable Benefit will	be implementation	of the program and t	he completion of a	
(Costs: Total project cost: \$40,000 Polk County: \$20,000 District: \$20,000							
				Evaluation				
Application Q	uality:	High	gh Application included all the required information identified in the CFI Guidelines.					
Project Be	enefit:	High	The ber in the S	nefit of the project is outhern Water Use	s the conservation Caution Area (SW	of approximately 5,26 UCA).	60 gallons per day	
Cost Effective	eness:	Medium	Project	cost effectiveness	is between \$3.01 a	nd \$6.01 per thousar	nd gallons saved.	
Past Perform	nance:	High	Based u	upon an assessmei	nt of the schedule a	and budget for the 11	ongoing projects.	
Complementary E	fforts:	High	Applica adoptin actively	nt has the complem g an ordinance to s enforcing restrictio	nentary efforts of h upport year-round ns.	aving an active cons 2-day per week irriga	ervation program, tion restrictions and	
Project Read	iness:	High	Project	is ready to begin o	n or before Decem	ber 1, 2021.		
				Strategic Goal	s			
Strategic (Goals:	High	Strateg ensure Heartla (SWUC	ic Initiative - Cons beneficial use. nd Region Priority A) Recovery Strate	servation: Enhanco /: Implement South :gy.	e efficiencies in all wa nern Water Use Cauti	ater-use sectors to	
		(Overall I	Ranking and Reco	mmendation			
Fund as a High F	Priority	Project will c	onserve	potable water supp	oly in the SWUCA a	ind is cost effective.		
				Funding				
Fundin	g Sou	rce		Prior	FY2022	Future	Total	
District				\$0	\$20,000	\$0	\$20,000	
Polk County				\$0	\$20,000	\$0	\$20,000	
T	otal			\$0	\$40,000	\$0	\$40,000	

Project No. Q271	Recl	claimed – Winter Haven Preserve at Lake Ashton Reclaimed Water Transmission										
Winter Haven							FY2022					
Risk	Level:	Туре 2			Multi-Ye	ear Contract: Yes, Ye	ear 1 of 2					
				Description								
Descri	ption:	Construction and other ne approximate in the southe	Construction and permitting of approximately 17,600 feet of reclaimed water transmission mains and other necessary appurtenances to construct a portion of a transmission loop to supply approximately 500 single family residential homes, common areas and medians and 2 golf courses in the southeast reuse portion of Winter Haven and to enable supply to future planned subdivisions.									
Measurable Be	The contract day (mgd) of the Central F permitted pla	ual Meas reclaim florida W ans.	surable Benefit will ed water for golf co /ater Initiative (CFW	be the supply and urse and residentia /I). Construction wi	utilization of 0.590 mi Il irrigation in the "Rid Il be done in accorda	llion gallons per ge Lakes" area of nce with the						
	Costs:	Total project Winter Have District: \$1,4 years.	cost: \$2 n: \$1,41 10,000, [,]	,820,000 (construct 0,000; with \$500,000 requ	ion & permitting); ested in FY2022 ar	nd remaining \$910,00	00 in future fiscal					
				Evaluation								
Application Q	uality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM had to work with the cooperator to obtain the remaining required information.									
Project Be	enefit:	High	The benefit is the supply of 0.590 mgd of reclaimed water for irrigation customers for an anticipated 0.388 mgd of water savings in the "Ridge Lakes" area of the Central Florida Water Initiative (CFWI).									
Cost Effective	eness:	High	\$7.26 p for alter	er gallon per day ca native supplies.	apital cost which is	below the \$10 to \$15	per gallon average					
Past Perform	ance:	Medium	Based u	upon an assessmer	nt of the schedule a	and budget for the 5 o	ngoing projects.					
Complementary E	fforts:	High	The Co based r expansi	operator has a prog euse rate structure ion policies which n	ram in place that in for high volume us naximize utilization	ncludes metering and ers, and has proactiv and environmental b	an incentivized e reclaimed enefits.					
Project Read	iness:	High	The pro	ject is ready to beg	in on or before Dec	cember 1, 2021.						
				Strategic Goal	S							
Strategic (Goals:	High	Strateg to reduc Heartla (SWUC	ic Initiative - Recla ce demand on tradi nd Region Priority A) Recovery Strate	aimed Water: Max tional water supplie y: Implement South gy.	imize beneficial use c es. hern Water Use Cauti	of reclaimed water on Area					
			Overall I	Ranking and Reco	mmendation							
Fund as a High F	Priority	The project i CFWI and is	s recomi cost effe	mended for funding ective.	as it reduces reliar	nce on traditional wat	er sources in the					
				Funding								
Fundin	g Sou	rce		Prior	FY2022	Future	Total					
District				\$0	\$500,000	\$910,000	\$1,410,000					
Winter Haven				\$0	\$500,000	\$910,000	\$1,410,000					
T	otal			\$0	\$1,000,000	\$1,820,000	\$2,820,000					

Project No. Q284	SW I	IMP – Water Quality – Wall Street BMPs										
City of Frostproof		FY2022										
Risk	Level:	Туре 3	pe 3 Multi-Year Contract: Yes, Year 1 of 2									
				Description								
Descri	ption:	Design, pern Lakes Reedy Lakes, a Dis	nitting, and cli trict regio	nd construction of s nch, impaired water onal priority water b	tormwater BMPs to r bodies with adopt ody.	o improve water quali ed TMDLs for nutrier	ty discharging into					
Measurable Be	enefit:	The contract from approxi permitted pla	iual Meas imately 1 ans. Thei	surable Benefit will 8 acres of urban wa re will be no monito	be the construction atershed. Construc ring or performanc	n of BMPs to treat sto tion will be done in a e testing requirement	rmwater runoff ccordance with ts.					
	Total Project Rebuild Flori City of Frost District: \$450 future years.	t Cost: \$ ² ida: \$728 proof: \$1 0,000 wit	1,328,000 (Design, 3,000 50,000 (REDI Eligił h \$112,500 request	permitting, constru ole Community) ted in FY2022 and	ction) \$337,500 anticipated	I to be requested in						
				Evaluation								
Application Q	uality:	Medium	Applica District	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.								
Project Bo	enefit:	High	The Resource Benefit of the project is the reduction of Total Nitrogen loads to Lake Reedy and Lake Clinch by an estimated 140 lbs/yr TN, and a reduction of Total Phosphorus loads by an estimated 20 lbs/yr TP.									
Cost Effective	eness:	Medium	The estimated cost/lb of TN removed is between the historical average cost of \$176 and \$475/lb.									
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 1 c	ongoing project.					
Complementary E	fforts:	High	Applica	nt has an active sto	rmwater utility that	collects fees.						
Project Read	iness:	High	Project	is ready to begin or	1 or before Decemb	per 1, 2021.						
				Strategic Goal	s							
Strategic (Goals:	High	Strateg implem Heartla	ic Initiative - Wate ent programs, proje and Region Priority	r Quality Mainten ects and regulation /: Improve Winter I	ance and Improvem s to maintain and imp Haven Chain of Lakes	ent: Develop and prove water quality. s and Ridge Lakes.					
			Overall I	Ranking and Reco	mmendation							
Fund as a High F	Priority	ity This project is cost effective and improves water quality discharging to Lakes Reedy and Clinch, within the Ridge Lakes, a District regional 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. The City of Frostproof 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								
Fundin	g Sou	rce		Prior	FY2022	Future	Total					
District				\$0	\$112,500	\$337,500	\$450,000					
City of Frostproof				\$0	\$37,500	\$112,500	\$150,000					
Rebuild Florida				\$0	\$0	\$728,000	\$728,000					
T	otal			\$0	\$150,000	\$1,178,000	\$1,328,000					

Project No. Q285	SW I	MP – Water	Quality	y – Park Avenue	Streetscape Im	provements					
City of Lake Wales	1						FY2022				
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No					
	Description										
Descri	ption:	Construction into Lake Wa water body.	i of storn ales, a ni	nwater BMPs along utrient impaired wat	East Park Avenue er body within the	to improve water qua Ridge Lakes, a Distri	ality discharging ct regional priority				
Measurable Be	ble Benefit: The contractual Measurable Benefit will be the construction of BMPs to treat stormwater runoff from approximately 4 acres of highly urbanized watershed. Construction will be done in accordan with the permitted plans. There will be no monitoring or performance testing requirements.										
(Costs:	Total project City of Lake District: \$110	cost: \$2 Wales: \$ 0,000	20,000 (constructic 110,000	n)						
				Evaluation							
Application Q	uality:	High	Application included all required information identified in the CFI Guidelines.								
Project Be	enefit:	Medium	The Resource Benefit of the project is the reduction of Total Nitrogen loads to Lake Wales by an estimated by an estimated 59 lbs/year and a reduction of Total Phosphorus loads by an estimated 6 lbs/year.								
Cost Effective	eness:	Medium	The estimated cost/lb of TN removed is within the historical average range of \$176/lb and \$475/lb. The estimated cost/lb of TP removed is within the historical average range of \$1498/lb and \$4152/lb.								
Past Perform	ance:	High	Based of high.	on the cooperator h	aving no ongoing p	projects with the Distr	ict they are ranked				
Complementary E	fforts:	High	Applica	nt has an active st	ormwater utility that	t collects fees.					
Project Read	iness:	High	Project	is ready to begin o	n or before Decemb	per 1, 2021.					
				Strategic Goal	S						
Strategic 0	Goals:	High	Strateg implem Heartla	ic Initiative - Wate ent programs, proje Ind Region Priority	r Quality Mainten ects and regulations r: Improve Winter F	ance and Improvem s to maintain and imp Haven Chain of Lakes	ent: Develop and prove water quality. s and Ridge Lakes.				
			Overall	Ranking and Reco	mmendation						
Fund as a High F	Priority	This project District regio managemen blooms and	This project is cost effective and improves water quality discharging to Lake Wales Ridge Lake, a District regional priority water body. The Governor's Executive Order 19-12 instructs the five water nanagement districts to prioritize funding to focus on projects that will address harmful algal plooms and maximize nutrient reductions.								
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$0	\$110,000	\$0	\$110,000				
City of Lake Wales				\$0	\$110,000	\$0	\$110,000				
Т	otal			\$0	\$220,000	\$0	\$220,000				

Project No. Q298	SW I	MP – Water	Quality	y – Lake June-ir	-Winter Catfish	Creek BMPs			
Highlands County							FY2022		
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Yes	ear 1 of 2		
				Description					
Descri	ption:	Design, pern in Lake June	nitting an e-In-Winte	ng and construction of stormwater BMPs in Catfish Creek to improve water quality -Winter, a Lake Wales Ridge Lake.					
Measurable Be	enefit:	The contract provide treat accordance	ne contractual Measurable Benefit will be the design, permitting and construction of LID BN ovide treatment to 2,760 acres of the Catfish Creek watershed. Construction will be done i accordance with permitted plans. There will be no monitoring or performance testing require						
	Costs:	Total project Highlands Co District: \$198 future years.	cost: \$2 ounty: \$6 5,000 wit	60,000 (design, per 35,000 (REDI Eligib h \$116,250 reques	mitting, construction le Community) and in FY2022 and	on) \$78,750 anticipated t	to be requested in		
				Evaluation					
Application Q	uality:	Medium	edium Application included most of the required information identified in the CFI guidelines District PM/CM had to work with cooperator to obtain remaining required information						
Project Be	enefit:	High	The Resource Benefit of the Project is the reduction of pollutant loads to Lake June- In-Winter, a Lake Wales Ridge Lake, by an estimated 205 lbs/yr TN, and 42 lbs/yr TP.						
Cost Effective	eness:	High	The est The est	imated cost/lb of Th imated cost/lb of Th	l removed is below P removed is below	v the historical cost av v the historical average	verage of \$176/lb. ge of \$1498/lb.		
Past Perform	iance:	High	Based ι	upon an assessmer	nt of the schedule a	and budget for the 1 c	ongoing project.		
Complementary E	fforts:	High	Applica	nt has an active sto	rmwater utility that	collects fees.			
Project Read	iness:	Medium	Project	is ready to begin or	n or before March	1, 2022.			
				Strategic Goal	S				
Strategic 0	Goals:	High	Strateg implem Heartla	ic Initiative - Wate ent programs, proje and Region Priority	r Quality Mainten ects and regulation r: Improve Winter I	ance and Improvem s to maintain and imp Haven Chain of Lakes	ent: Develop and prove water quality. s and Ridge Lakes.		
			Overall I	Ranking and Reco	mmendation				
Fund as a High F	Priority	This project i Wales Ridge districts to pr maximize nu community a Board Policy	his project is cost effective and improves water quality discharging to Lake June-In-Winter, a Lake ales Ridge Lake. The Governor's Executive Order 19-12 instructs the five water management stricts to prioritize funding to focus on projects that will address harmful algal blooms and aximize nutrient reductions. Highlands County qualifies for a 75% cost share as a REDI immunity as defined by Florida Statute. Under the Cooperative Funding Initiative Governing bard Policy, the Board can reduce the requirements for matching funds for REDI communities.						
				Funding					
Fundin	g Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$116,250	\$78,750	\$195,000		
Highlands County				\$0	\$38,750	\$26,250	\$65,000		
T T	otal			\$0	\$155,000	\$105,000	\$260,000		

Project No. Q303	Recl	eclaimed – Haines City Lake Eva Aquifer Recharge and MFL Recovery									
Haines City		FY2022									
Risk	Level:	Type 2				Multi-Ye	ear Contract: Yes, Y	ear 1 of 3			
				Description							
Description: 30% design and third rapid infiltration basin recharge rate of 256 gallons per day (mgd valves and associate of reclaimed water to Central Florida Wate project to N888, Hain and implements the s TPR, which will provi design, permitting, an				I-party review (TPR is (RIBs) that will re million gallons per l), approximately 5, d instrumentation, help restore minim r Initiative region an ises City Reclaimed selected option. The de the necessary in and construction.) for the peceive re year (my 700 feet and othe um lake id South Water N e FY202 formatio	design, pe eclaimed wa gy) with an of reclaime r necessan levels (ML ern Water IFL Recha 2 funding r on to suppo	ermitting and construct ater at a minimum aver aggregate capacity of ed water transmission ry appurtenances to f .Ls) in the "Ridge Laf use Caution Area. The rge & Advanced Treat equest is to complete out funding in future y	ction of a system of erage 5-year of up to 2.5 million n mains, control facilitate the supply kes" area of the his is a follow-on atment Feasibility e 30% design and ears to complete			
Measurable Be	enefit:	The contractual Measurable Benefit will be completion of 30% design of the proposed projection permit and construct reclaimed water transmission mains and RIBs to benefit lake levels.									
(Costs:	Total project Haines City: District: \$253 costs, includ the City will r	cost: \$5 \$253,50 3,500 wit ing desig request f	07,000 (30% desig 0 ch \$253,500 reques on completion, perr unding to complete	n and T ted in F` hitting, a design,	PR) Y2022. Th nd constru permitting	e conceptual estimat ction is \$5,907,000. I , and construction in	e for total project t is anticipated that future years.			
				Evaluation							
Application Q	uality:	Medium	Applica District	tion included most PM had to work wi	of the re h the co	quired info operator to	rmation identified in t obtain remaining inf	he CFI guidelines. formation.			
Project Be	enefit:	High	The Re reclaim water le being m	source Benefit of the d water at a minin evels near Lake Eva net.	is proje ium ave a to help	ct, if constr rage 5-yea achieve th	ucted, will be RIBs th r recharge rate of 25 le lake's MLLs that a	at will receive 6 mgy to increase re currently not			
Cost Effective	ness:	High	The pro	ject costs are cons	istent w	ith similarly	funded District proje	cts.			
Past Perform	ance:	High	Based	upon an assessme	nt of the	schedule a	and budget for 1 ongo	ping project.			
Complementary E	fforts:	High	Haines reuse ra expans environ	City's reclaimed wa ate structures for hi ion policies which r mental benefits.	iter syst gh volur naximize	em include ne water us e utilization	s metering and an in sers and has proactiv , water resource ben	centivized based /e reclaimed water efits, and			
Project Read	iness:	High	Project	is ready to begin o	ו Decen	nber 1, 202	1.				
				Strategic Goal	s						
Strategic C	Goals:	High	Strateg to reduc Heartla	ic Initiative - Recl ce demand on tradi Ind Region Priorit	tional waitional	Vater: Max ater supplie ve Winter I	imize beneficial use es. Haven Chain of Lake	of reclaimed water s and Ridge Lakes.			
			Overall	Ranking and Reco	mmenc	lation					
Fund as a High F	Priority	The current staff ranking of the project is High based upon preliminary results from project N888- Haines City Reclaimed Water MFL Recharge & Advanced Treatment Feasibility. Conservative an preliminary model results indicate a recovery of roughly 0.3' per 0.7 mgd (256 mgy) of loading to the RIB over a long-term basis. The RIB will be constructed to handle a maximum loading capacit of 2.5 mgd, which is projected to recover the lake by greater than 1.0' over a long-term basis. Fina modeling results will be available in March 2021 and staff will confirm the final project ranking prior to the April Sub-committee meetings.									
				Funding							
Fundin	g Soui	ce		Prior	F١	2022	Future	Total*			
District				\$0		\$253,500	\$2,700,000	\$2,953,500			
Haines City				\$0		\$253,500	\$2,700,000	\$2,953,500			
Т	otal			\$0		\$507,000	\$5,400,000	\$5,907,000			

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q286	Stud	tudy – Lake Parker Restoration								
City of Lakeland							FY2022			
Risk	Level:	Туре 3			Multi-Y	ear Contract: No				
				Description						
Descri	iption:	A feasibility s systems rest Lake Parker	study to i toration a . This pro	identify opportunitie and hydrologic resto oject will quantify be	s within a 200-acro pration to reduce n enefits and develop	e area west of Lake F utrients and improve cost estimates.	arker for natural water quality to			
Measurable Be	enefit:	The contract	ual Mea	surable Benefit will	be the completion	of the study.				
(Costs:	Total Project City of Lakel District: \$80,	t Cost: \$ and: \$80 000	160,000 (Study)),000						
				Evaluation						
Application Q	uality:	High	Applica	tion included all the	required informati	on identified in the Cl	-I guidelines.			
Project Bo	enefit:	High	The project benefit is the assessment of opportunities to improve Lake Parker, including water quality, flood protection and natural systems enhancement/restoration.							
Cost Effective	eness:	High	The cos	st effectiveness for	this study is compa	arable to past projects	δ.			
Past Perform	nance:	High	Based	upon an assessmei	nt of the schedule a	and budget for the 1 o	ongoing project.			
Complementary E	fforts:	High	Applica	nt has an active sto	rmwater utility that	t collects fees.				
Project Read	iness:	High	Project	is ready to begin o	n or before Decem	ber 1, 2021.				
				Strategic Goal	S					
Strategic (Goals:	Medium	Strateg data to resourc	jic Initiative - Wate determine local and e management dec	r Quality Assess I regional water qu isions and restora	ment and Planning: ality status and trend tion initiatives.	Collect and analyze s to support			
			Overall	Ranking and Reco	mmendation					
Fund as a Medium F	Priority	The Governor funding to for reductions. The investigate as Parker water	The Governor's Executive Order 19-12 instructs the five water management district to prioritize nding to focus on projects that will address harmful algal blooms and maximize nutrient ductions. This feasibility study is consistent with that directive, is cost effective and will vestigate and identify opportunities to improve water quality and natural systems within the Lake arker watershed.							
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$80,000	\$0	\$80,000			
City of Lakeland				\$0	\$80,000	\$0	\$80,000			
T	otal			\$0	\$160,000	\$0	\$160,000			

Project No. W518	Rest	toration – La	ake Har	ncock Natural Sy	stems Enhance	ments			
Polk County							FY2022		
Risk	Level:	Туре 3			Multi-Ye	ear Contract: No			
				Description					
Descri	ption:	Design, pern and submer	nitting ar ged aqua	nd construction to es atic vegetation within	stablish a minimum ı Lake Hancock.	of 35 acres of plante	ed native emergent		
Measurable Be	enefit:	The contract native emerg	ual Meas gent and	surable Benefit will /or submersed aqua	be the establishme itic vegetation with	ent of a minimum of 3 in Lake Hancock.	5 acres of planted		
(Costs:	: Total Project Cost: \$420,000 (design, permitting, construction) Polk County: \$210,000 District: \$210,000							
				Evaluation					
Application Q	uality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM had to work with cooperator to obtain remaining required information.						
Project Bo	enefit:	Medium	The benefit of the project is the restoration and enhancement of approximately 35 acres of emergent and submerged wetlands in Lake Hancock, which is within the Charlotte Harbor Watershed, a SWIM priority water body. This project provides ancillary water quality benefits.						
Cost Effective	eness:	High	The est System	imated cost/acre is s Restoration.	below the historica	al average of \$53,326	i/acre for Natural		
Past Perform	nance:	High	Based ı	upon an assessmer	t of the schedule a	and budget for the 11	ongoing projects.		
Complementary E	fforts:	High	Applicative removative park systems	nt has an environm l/treatment program stem, as well as oth s.	entally sensitive lau , and maintains "n er complimentary	nd purchase program ature parks" or "open efforts that preserve	ι, an exotic ι space" within its or restore natural		
Project Read	iness:	High	Project	is ready to begin or	or before Decemb	per 1, 2021.			
				Strategic Goal	S				
Strategic (Goals:	Medium	Strateg of natur	i c Initiative - Cons al ecosvstem for th	ervation and Res	toration: Restoration and water-related res	and maintenance ources.		
			Overall I	Ranking and Reco	mmendation				
Fund as a Medium F	Priority	The project i Charlotte Ha quality bene	The project is cost effective and enhances natural systems in Lake Hancock, which is within the Charlotte Harbor Watershed, a SWIM priority water body. This project provides ancillary water quality benefits.						
				Funding					
Fundin	g Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$210,000	\$0	\$210,000		
Polk County				\$0	\$210,000	\$0	\$210,000		
T	otal			\$0	\$420,000	\$0	\$420,000		

Project No. W520	Stud	tudy – Upper Peace River Feasibility									
Polk County		FY2022									
Risk	Level:	Туре 3	Type 3 Multi-Year Contract: No								
	Description										
Descri	ption:	Complete a f Polk/Hardee improve wate develop cost competing in the local gov limited resou	easibility County er quality estimate terests f ernment rce.	y study along the Up line. This study will y, flood protection, a es. Due to the limited or this limited resound s and the PRWC.	oper Peace River, f identify and prioriti and natural systems ed availability for su irce, we will require This coordination w	rom Lake Hancock s ze feasible restoratio s. The project will qua rrface water in this re e multijurisdictional co rill enhance regional	outh to the n opportunities to antify benefits and gion, and pordination between planning for this				
Measurable Be	enefit:	The contract prioritize feasi systems.	ual Meas sible rest	surable Benefit will toration opportunitie	be the completion or es to improve water	of a feasibility study t quality, flood protec	hat will identify and tion, and natural				
(Costs:	Total project Polk County District \$60,0	Total project cost \$120,000 (study) Polk County \$60,000 District \$60,000								
				Evaluation							
Application Q	uality:	Medium	dium Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.								
Project Be	enefit:	Medium	edium The project benefit is a study that will evaluate restoration alternatives along the Peace River, from Lake Hancock south to the Polk/Hardee County line.								
Cost Effective	eness:	High	High The cost effectiveness for this study is comparable to past projects.								
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	ind budget for the 11	ongoing projects.				
Complementary E	fforts:	High	The cou and trea natural	unty has an environ atment programs, a systems. Applicant	mentally sensitive I nd other compleme has an active storr	ands purchase progrentary efforts that pre nwater utility that col	am, exotic removal serve or restore lects fees.				
Project Read	iness:	High	Project	is ready to begin o	n or before Decemb	per 1, 2021.					
				Strategic Goal	s						
Strategic (Goals:	High	Strateg of natur Strateg impleme Southe Shell/Pr	ic Initiative - Cons al ecosystem for th ic Initiative - Wate ent programs, proje rn Region Priority rairie/Joshua creeks	ervation and Res e benefit of water a r Quality Mainten cts and regulations : Improve Charlotte s.	toration: Restoration and water-related res ance and Improvem s to maintain and imp e Harbor, Sarasota B	n and maintenance ources. Ient: Develop and rove water quality. ay and				
		(Overall I	Ranking and Reco	mmendation						
Fund as a Medium F	Priority	The project will identify possible restoration opportunities along the Upper Peace River, from Lake Hancock south to the Polk/Hardee County line. The study will produce BMP alternatives and conceptual cost estimates to improve water quality, flood protection and natural systems. The majority of the area of interest exists within the Charlotte Harbor Watershed, a SWIM priority water body. Due to the limited availability for surface water in this region, and competing interests for this limited resource, we will require multijurisdictional coordination between the local governments and the PRWC. This coordination will enhance regional planning for this limited resource.									
	Funding										
Fundin	g Soui	ce		Prior	FY2022	Future	Total				
District				\$0	\$60,000	\$0	\$60,000				
Polk County				\$0	\$60,000	\$0	\$60,000				
Te	otal			\$0	\$120,000	\$0	\$120,000				

Project No. W564	Stud	udy – Ridge to Rivers Feasibility									
Polk County							FY2022				
Risk	Level:	Туре 3			Multi-Ye	ear Contract: No					
				Description							
Description: Development of a fe improvements, incre described as southe estimates. Due to th this limited resource and the PRWC. Th				f a feasibility and prioritization study to identify opportunities for water quality increased recharge, and habitat enhancement in an area of interest generally outhern central Polk County. The project will quantify benefits and develop cost to the limited availability for surface water in this region, and competing interests for burce, we will require multijurisdictional coordination between the local governments . This coordination will enhance regional planning for this limited resource.							
Measurable Be	enefit:	The contract	ual Mea	surable Benefit will	be the completion	of the study.					
(Costs:	Total Project Polk County: District: \$160	t Cost: \$3 : \$160,00),000	320,000 (Study) 00							
				Evaluation							
Application Q	uality:	High	Application included the information requested in the CFI Guideline.								
Project Bo	enefit:	Medium	The project benefit is the identification and prioritization of improvements to natural systems, water quality, and recharge within the defined area of interest.								
Cost Effective	eness:	Medium	Im The cost of this study is slightly higher than similar studies.								
Past Perform	ance:	High	Based u	upon an assessmei	nt of the schedule a	and budget for the 11	ongoing projects.				
Complementary E	fforts:	High	Applica and trea space" Applica	nt has an Environm atment programs, A and other complem nt has an active sto	entally Sensitive L dopt a Road Progr entary efforts that prmwater utility that	ands Purchase Progr am, maintains "natur preserve or restore n collects fees.	am, exotic removal e parks" and "open atural systems.				
Project Read	iness:	High	The pro	ject is ready to beg	in on or before Dec	cember 1, 2021.					
				Strategic Goal	s						
Strategic (Goals:	High	Strateg of natur Strateg impleme Southe Shell/Pr	ic Initiative - Cons al ecosystem for th ic Initiative - Wate ent programs, proje rn Region Priority rairie/Joshua creek	e benefit of water a e benefit of water a r Quality Mainten ects and regulations : Improve Charlotte s.	toration: Restoration and water-related res ance and Improven s to maintain and imp e Harbor, Sarasota B	and maintenance ources. Ient: Develop and prove water quality. ay and				
			Overall I	Ranking and Reco	mmendation						
Fund as a Medium F	Priority	This study w large area of opportunities project will q within the Ch for surface w multi-jurisdic will enhance	his study will produce BMP alternatives and conceptual cost estimates to address issues within a irge area of interest focused on improvements in natural systems, water quality, and identify pportunities to increase surface water recharge within the southern water use caution area. The roject will quantify benefits and develop cost estimates. The majority of the area of interest exists rithin the Charlotte Harbor watershed, a SWIM Priority Water Body. Due to the limited availability or surface water in this region, and competing interests for this limited resource, we will require nulti-jurisdictional coordination between the local governments and the PRWC. This coordination rill enhance regional planning for this limited resource.								
				Funding							
Fundin	g Soui	ce		Prior	FY2022	Future	Total				
District				\$0	\$160,000	\$0	\$160,000				
Polk County				\$0	\$160,000	\$0	\$160,000				
T	otal			\$0	\$320,000	\$0	\$320,000				

Project No. Q184	Brac	kish – Polk	Regior	nal Water Coope	rative Southeas	t Wellfield Implem	entation			
Polk Regional Water Cooperative							FY2022			
Risk	Level:	Туре 2			Multi-Ye	ear Contract: Yes, Y	ear 2 of 7			
				Description						
Descri	Final design, Project comp disposal well of the South mgd increase participating regional tran conceptual a	, permitti ponents ls locate east Wel e to 12.5 member smissior and prelir	ng, and constructio include a reverse of d east of Lake Wale lifield projects for ar 5 mgd capacity. The rs of the Polk Regio n system developed minary design funde	n of the Southeast smosis facility, braces. The request inclustion initial 7.5 mgd fini project will provide nal Water Coopera as a companion p ed under project NS	Wellfield Water Treat ckish water wellfield, i ludes the first two con shed water capacity f e alternative water su tive, which will be de roject (Q216) and bu 005.	tment Facility. and concentrate nstruction phases followed by a 5 pply for livered by a ilds upon the				
Measurable Be	enefit:	The contractual Measurable Benefit will be an alternative supply project providing 12.5 mgd by PRWC project partners to reduce stress on the Upper Floridan aquifer.								
	Total concep PRWC: \$90, District: \$90, FY2022, and	otual proj 246,500 246,500 I \$40,724	ect cost: \$180,493, with \$6,750,000 bu 4,500 anticipated to	000 (final design, p dgeted in previous be requested in fu	permitting, and constr years, \$42,772,000 ture years.	ruction) requested for				
			Evaluation							
Application Q	uality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.							
Project Be	enefit:	High	h Substantial resource benefit expected from the development of regional alternative water supply to reduce stress on the Upper Floridan aquifer, lakes, and wetlands.							
Cost Effective	eness:	Medium	The cos combin concep which is	st effectiveness for ed phases 1 and 2 tual design costs. T s within the medium	he Southeast Well are medium based he capital cost per effectiveness rang	field Water Treatmen on staff evaluation g 12.5 mgd capacity d ge of \$10 to \$15.	It Facility with uidelines and eveloped is \$14.44,			
Past Perform	ance:	High	Based	upon an assessmer	nt of the schedule a	and budget for the 7 c	ongoing projects.			
Complementary E	fforts:	High	Applica Membe	nt will provide whole ers.	esale alternative W	ater Supplies to parti	icipating PRWC			
Project Read	iness:	Low	The pro	ject received FY20	21 funding, but has	not yet commenced				
				Strategic Goal	s					
Strategic (Goals:									
		(Overall	Ranking and Reco	mmendation					
Low Priority Not Recomm	ended unding	Staff continue to support this project but due to delays in securing funding commitments from PRWC member governments and anticipated changes to design capacity, the project's second- year funding request is currently ranked low. The requested amount includes construction funding that likely will not be expended in FY2022. If funding commitment issues can be resolved and revised project design, schedule and costs are provided to the District, staff would consider an improved ranking. Staff recommend that this project be presented to the full Governing Board in May 2021 for further consideration.								
	Funding									
Fundin	g Sou	ce		Prior	FY2022	Future	Total			
District				\$6,750,000	\$42,772,000	\$40,724,500	\$90,246,500			
Polk Regional Water Coop	perative	9		\$6,750,000	\$42,772,000	\$40,724,500	\$90,246,500			
Т	otal			\$13,500,000	\$85,544,000	\$81,449,000	\$180,493,000			

Project No. Q216	Inter Phas	connects – se 1	Polk R	egional Water Co	operative Regi	onal Transmissio	n Southeast				
Polk Regional Water Cooperative							FY2022				
Risk	Level:	Туре 2			Multi-Ye	ear Contract: Yes, Ye	ear 2 of 3				
	Description										
Description: Final design, perm System, Phase 1. Wellfield Water Tro US-27 corridor. A will deliver alternat be developed thro and builds upon th				ng, and construction oject components in tment Facility located ure phase will exten- e water supply to me h a companion proje conceptual and preli	of the Southeast clude a pipeline sy d east of Lake Wa d to municipalities embers of the Polk ect, the Southeast minary design fund	Wellfield Regional Tr /stem extending from les to multiple munici near the Hwy-60 cor Regional Water Coo Wellfield Implementa ded under project N9	ansmission the Southeast palities along the ridor. This project perative, which will tion Project (Q184), 05.				
Measurable Bo	enefit:	The contract capable of de promoting re SWUCA.	n of a regional transm and allowing future e porting water supply g	ission system xpansions, goals within the							
(Costs:	Sts: Total Conceptual Project Cost: \$106,088,300 (final design, permitting, and construction PRWC: \$53,044,150 District: \$53,044,150 with \$4,950,000 budgeted in previous years, \$31,542,000 request FY2022, and \$16,552,150 anticipated to be requested in future years.									
		Evaluation									
Application Q	uality:	Medium	Medium Application included most of the required information identified in the CFI guidel District PM/CM had to work with cooperator to obtain remaining required information								
Project Bo	enefit:	High	Substar water s	ntial resource benefi upply to reduce stre	t expected from th ss on the Upper Fl	e transmission of reg oridan aquifer, lakes	ional alternative , and wetlands.				
Cost Effective	eness:	Medium	The cost projects length,	st effectiveness is in s based on staff eval terrain types, and co	the medium range uation of itemized onstruction method	e of typical regional tr component costs by ls.	ansmission pipe diameters and				
Past Perform	nance:	High	Based	upon an assessmen	t of the schedule a	and budget for the 7 c	ongoing projects.				
Complementary E	fforts:	High	Applica Membe	nt will provide whole rs.	esale alternative wa	ater supplies to partic	cipating PRWC				
Project Read	iness:	Low	The pro	ject received FY202	1 funding but has	not yet commenced.					
				Strategic Goals	;						
Strategic (Goals:										
		(Overall	Ranking and Recor	nmendation						
Low Priority Not Recomm for fi	ended unding	A Staff continue to support this project but due to delays in securing funding commitments from PRWC member governments and anticipated changes to design capacity, the project's second- year funding request is currently ranked low. The requested amount includes construction funding that likely will not be expended in FY2022. If funding commitment issues can be resolved and revised project design, schedule and costs are provided to the District, staff would consider an improved ranking. Staff recommend that this project be presented to the full Governing Board in May 2021 for further consideration.									
	Funding										
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$4,950,000	\$31,542,000	\$16,552,150	\$53,044,150				
Polk Regional Water Coop	perative	Э		\$4,950,000	\$31,542,000	\$16,552,150	\$53,044,150				
Т	otal			\$9,900,000	\$63,084,000	\$33,104,300	\$106,088,300				

Project No. Q267	Cons	servation –	PRWC	Demand Manage	ement Implemer	ntation					
Polk Regional Water Cooperative							FY2022				
Risk	Level:	Туре 1			Multi-Ye	ear Contract: No					
	Description										
Description: Make available finan nine conservation ac enhanced conservat moisture sensors, ev rain sensors. Also in the program. Should installations/rebates (PRWC) is collabora				cial incentives and tivities, including: h on kits, standard co apotranspiration (E cluded is program p actual costs be les as the availability o ting with its membe	services to residen gh-efficiency toilet onservation kits, vo T) irrigation control romotion and admi s than anticipated, f funds allow. The rs to implement an	tial and commercial of rebates; 0.5 gallon p uchers for toilet and i llers, landscape irriga inistrative costs to en the Cooperator may Polk Regional Water d oversee the project	customers for up to er flush urinals; installation, soil ition audits, and isure the success of perform more Cooperative				
Measurable Be	enefit:	The contract of a final rep	he contractual Measurable Benefit will be the implementation of the program and the completion f a final report.								
(Costs:	Total Project PRWC: \$102 District: \$102	Total Project Costs: \$205,358 PRWC: \$102,679 District: \$102,679								
				Evaluation							
Application Q	uality:	Medium	Application included most of the required information identified in the CFI guidelines District PM/CM had to work with the cooperator to obtain remaining required information.								
Project Be	enefit:	High	The ber per day Water I nine po	nefit of the project is r in the Southern Wanitiative (CFWI). Sa ssible conservation	s the conservation A ater Use Caution A wings will vary bas activities.	of approximately 12, rea (SWUCA) and th ed on the participatio	519 - 64,622 gallons le Central Florida in rate across the				
Cost Effective	eness:	Medium	Project	cost effectiveness	s between \$3.01 a	nd \$6.00 per thousar	nd gallons saved.				
Past Perform	ance:	High	Based u	upon an assessmei	nt of the schedule a	and budget for the 7 o	ongoing projects.				
Complementary E	fforts:	High	PRWC conserv	encourages, tracks /ation amongst its r	, and provides plar nembers.	nning and coordinatio	n for water				
Project Read	iness:	High	Project	is ready to begin or	n or before Decem	ber 1, 2021					
				Strategic Goal	s						
Strategic (Goals:										
			Overall I	Ranking and Reco	mmendation						
Low Priority Not Recomm for fu	ended unding	Staff continu PRWC mem Supply (AWS provided at t further fundin relative to the signed imple in AWS deve	Staff continue to support this project, but due to delays in securing funding commitments from PRWC member governments and anticipated changes to design capacity for Alternative Water Supply (AWS) implementation projects, this funding request is currently ranked low. Direction was provided at the District's March 2021 Governing Board meeting to postpone recommending any further funding for the PRWC until the following three items are addressed; an executed settlement relative to the CFWI Rule Challenge, clearly defined size and scope for future AWS projects, and signed implementation agreements by PRWC members signifying their commitment to participating in AWS development								
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$0	\$102,679	\$0	\$102,679				
Polk Regional Water Coop	perative	9		\$0	\$102,679	\$0	\$102,679				
Te	otal			\$0	\$205,358	\$0	\$205,358				

Northern Region FY2022 Cooperative Funding Initiative Final Evaluations and Rankings

Project No. Q075	Rest	estoration – Pasture Reserve								
Lake County	1						FY2022			
Risk	Level:	Туре 3			Multi-Y	ear Contract: Yes, Ye	ear 3 of 3			
				Description						
Descri	iption:	Design, pern marsh, mixe convey a cor	nitting ar d foreste nservatio	nd construction of re ed wetlands, pasture on easement over th	stored uplands an and pine flatwoo e project area to	nd wetlands, including ds. The Cooperator w he District.	cypress strands, ill be required to			
Measurable Bo	enefit:	The contract and wetlands	e contractual Measurable Benefit is the restoration and enhancement of 810 acres of uplands d wetlands. Construction will be done in accordance with permitted plans.							
(Costs:	Total Project Lake County District: \$500	: Cost: \$ r: \$500,0),000 wit	1,000,000 (Design, µ 00 h \$200,000 budgete	permitting, constr d in previous yea	uction) rs and \$300,000 requ	ested in FY2022.			
				Evaluation						
Application Q	uality:	High	Applica	tion included all of th	ne required inform	ation identified in the	CFI guidelines.			
Project Be	enefit:	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:	High	The est System	imated cost/acre is section.	below the historic	al average of \$53,326	/acre for Natural			
Past Perform	nance:	High	Based of high.	on the cooperator ha	aving no ongoing	projects with the Distr	ict they are ranked			
Complementary E	fforts:	High	Applica space" preserv	nt has exotic remova within its park system e or restore natural	al/treatment Prog m, and the applic systems.	ram(s), maintains "nat ant has other complen	ure parks" or "open nentary efforts that			
Project Read	iness:	High	Project	is ongoing and on s	chedule.					
				Strategic Goals	;					
Strategic (Goals:	Medium	Strateg of natur	ic Initiative - Cons al ecosystem for the	ervation and Real benefit of water	storation: Restoration and water-related res	and maintenance ources.			
		(Overall I	Ranking and Reco	nmendation					
Fund as 1A F	Priority	This ongoing systems and) project hydrolo	is cost effective and gy, increasing aquife	will restore 810 a er recharge.	acres of upland and w	etland natural			
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$200,000	\$300,000	\$0	\$500,000			
Lake County				\$200,000	\$300,000	\$0	\$500,000			
T	otal			\$400,000	\$600,000	\$0	\$1,000,000			

Project No. Q082	WMF	/MP - Wildwood Watershed Management Plan								
Wildwood							FY2022			
Risk I	_evel:	Type 4			Multi-Ye	ear Contract: Yes, Y	ear 3 of 3			
				Description						
Description: Complete a Watersho service analysis (LOS practice (BMP) altern will be utilized to com				ed Management Pla S), surface water re lative analysis for th liplete the LOS, SW	an (WMP) including source assessmen ie Wildwood Water RA, and BMP phas	g floodplain analysis, t (SWRA), and best i shed in Sumter Cour se of the project.	stormwater level of management nty. FY2022 funding			
Measurable Be	enefit:	The contract floodplain inf conveyance	ual Meas formatior and to m	surable Benefit will a and implement flo aninimize flood dama	be the completion odplain manageme ge.	of a WMP that will de ent programs to main	evelop better tain storage and			
C	osts:	Total project City of Wildw District: \$85,	cost: \$1 vood: \$8 000 with	70,000 5,000 \$70,000 budgeted	in previous years a	and \$15,000 requeste	ed in FY2022.			
				Evaluation						
Application Qu	uality:	High	Applica	tion included all the	required information	on identified in the Cl	FI Guidelines.			
Project Be	enefit:	High	The WMP will analyze flooding problems that exist in the watershed. Currently, flooding analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.							
Cost Effective	ness:	High	Project complet	cost per square mil ted in urban waters	e is below the histo heds.	oric costs (\$69,100 / s	sq mi) for WMPs			
Past Perform	ance:	High	Based of high.	on the cooperator h	aving no ongoing p	projects with the Distr	ict they are ranked			
Complementary Ef	forts:	Medium	Cooper	ator's Community F	ating System class	s is 6 and is in the 6 t	o 9 range.			
Project Readi	ness:	High	Project	is ongoing and on s	schedule.					
			1	Strategic Goal	s					
Strategic G	Boals:	High	Strateg determi to supp Strateg data to resourc	ic Initiative - Flood ne local and region ort floodplain mana ic Initiative - Wate determine local and e management dec	dplain Manageme al floodplain inform gement decision al r Quality Assessr I regional water qu isions and restorat	nt: Collect and analy lation, flood protectio nd initiatives. nent and Planning: ality status and trend ion initiatives.	ze data to n status and trends Collect and analyze s to support			
		(Overall I	Ranking and Reco	mmendation					
Fund as 1A F	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	g Soui	rce		Prior	FY2022	Future	Total			
District				\$70,000	\$15,000	\$0	\$85,000			
Wildwood				\$70,000	\$15,000	\$0	\$85,000			
То	otal			\$140,000	\$30,000	\$0	\$170,000			

Project No. Q086	WMF	MP – Dunnellon Watershed Management Plan										
Dunnellon							FY2022					
Risk	Level:	Туре 4			Multi-Ye	ear Contract: Yes, Y	ear 3 of 3					
	Description											
Descri	ption:	Complete a service analy practice (BM FY2022 func elements of	Watersho /sis (LOS P) altern ling will t the proje	ed Management Pla S), surface water re lative analysis for th be utilized to comple loct.	an (WMP) including source assessmen le Dunnellon Wate ete the floodplain a	g floodplain analysis, t (SWRA), and best r rshed in Marion Cour nalysis, LOS, SWRA	stormwater level of nanagement ity. ., and BMP					
Measurable Be	enefit:	The contract floodplain inf conveyance	he contractual Measurable Benefit will be the completion of a WMP that will develop better bodplain information and implement floodplain management programs to maintain storage a bnveyance and to minimize flood damage.									
(Costs:	Total project City of Dunn District: \$142	cost: \$2 ellon: \$1 2,500 wit	85,000 42,500 h \$95,000 budgeted	d in previous years	and \$47,500 reques	ted in FY2022.					
				Evaluation								
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CI	FI Guidelines.					
Project Be	enefit:	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:	Medium	edium 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	nance:	High	Based of high.	on the cooperator h	aving no ongoing p	projects with the Distr	ict they are ranked					
Complementary E	fforts:	Low	Cooper	ator does not partic	ipate in the CRS P	rogram.						
Project Read	iness:	High	Project	is ongoing and on s	chedule.							
				Strategic Goal	5							
Strategic (Goals:	High	Strateg determi to supp Strateg data to resourc	ic Initiative - Flood ne local and region ort floodplain mana ic Initiative - Wate determine local and e management dec	dplain Manageme al floodplain inform gement decision al r Quality Assessr I regional water qu isions and restorat	nt: Collect and analy hation, flood protectio and initiatives. nent and Planning: ality status and trend ion initiatives.	ze data to n status and trends Collect and analyze s to support					
		(Overall I	Ranking and Reco	mmendation							
Fund as 1A F	Priority This ongoing project identifies flood risk in an area with some 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								
Fundin	g Sou	rce		Prior	FY2022	Future	Total					
District				\$95,000	\$47,500	\$0	\$142,500					
Dunnellon				\$95,000	\$47,500	\$0	\$142,500					
T	otal			\$190,000	\$95,000	\$0	\$285,000					

Project No. Q167	WMF	VMP – Red Level Watershed Management Plan								
Citrus County							FY2022			
Risk	Level:	Type 4			Multi-Ye	ear Contract: Yes, Y	ear 2 of 3			
Description										
Description:		Complete a service analy practice (BM FY2022 fund analysis pha	Watersho ysis (LOS P) altern ling will t se of the	ed Management Pla S), surface water re lative analysis for th be utilized to comple project.	an (WMP) including source assessmer le Red Level Wate ete the watershed	g floodplain analysis, It (SWRA), and best r rshed in Citrus Count evaluation and begin	stormwater level of management ty. the floodplain			
Measurable Bo	enefit:	The contract floodplain information conveyance	ual Meas ormatior and to m	surable Benefit will a and implement flo aninimize flood dama	II be the completion of a WMP that will develop better loodplain management programs to maintain storage and nage.					
(Costs:	Total project Citrus Count District: \$250 \$75,000 anti	Fotal project cost: \$500,000 Citrus County: \$250,000 District: \$250,000 with \$100,000 budgeted in previous years, \$75,000 requested in FY2022, and \$75,000 anticipated to be requested in future years.							
Evaluation										
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CI	I Guidelines.			
Project Bo	enefit:	High	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:	Medium	Project sq mi) f	cost per square mil or WMPs complete	e is in the mid-rang d in mixed watersh	ge of historic costs (\$ eds.	23,700 - \$45,500 /			
Past Perform	nance:	High	Based u	upon an assessmer	it of the schedule a	and budget for the 6 c	ongoing projects.			
Complementary E	fforts:	High	Cooper	ator's Community F	ating System class	s is 5 and is in the 5 o	or better range.			
Project Read	iness:	High	The pro	ject is ongoing and	on schedule.					
				Strategic Goal	5					
Strategic (Goals:	High	Strateg determi to supp Strateg data to resourc	Strategic Initiative - Floodplain Management: Collect and analyze data to letermine local and regional floodplain information, flood protection status and trends o support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze lata to determine local and regional water quality status and trends to support essurce management decisions and restoration initiatives.						
			Overall I	Ranking and Reco	mmendation					
Fund as 1A F	Priority	ty 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						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$100,000	\$75,000	\$75,000	\$250,000			
Citrus County				\$100,000	\$75,000	\$75,000	\$250,000			
T	otal			\$200,000	\$150,000	\$150,000	\$500,000			

Project No. Q197	SW I	W IMP – Flood Protection – John Henry Celebration Park Stormwater Improvements								
City of Williston							FY2022			
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Y	ear 2 of 2			
Description										
Descri	ption:	Design, pern Park. Floodin stormwater i	nitting, an ng occurs nfrastruc	nd construction of s s in the park and ac ture. The FY2022 f	tormwater improve ljacent properties c unding request is te	ments for the City-ov lue to low topograph o complete construct	vned John Henry y and undersized ion of the project.			
Measurable Bo	enefit:	The contract the proposed properties. C	ual Meas d stormw construct	surable Benefit will ater improvement t ion will be done in a	be the completion o relieve flooding a accordance with the	of design, permitting, t John Henry Park a e permitted plans.	and construction of nd adjacent			
(Costs:	Total project City of Willis District: \$722	cost: \$9 ton: \$240 2,250 wit	63,000 (design, per 0,750 (REDI Eligible h \$300,000 budgete	mitting, and constr Community) ed in previous year	ruction) rs and \$422,250 requ	lested in FY2022.			
				Evaluation						
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the C	FI Guidelines.			
Project Benefit:		High	The Re the 100 the proj Ancillar benefits	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 Effective	eness:	High	Benefit/ structur	/cost ratio is greater than or equal to 1. Benefits include avoided damages to res and roads.						
Past Perform	ance:	High	Based of high.	on the cooperator having no ongoing projects with the District they are ranked						
Complementary E	fforts:	Low	Cooper	ator is not participa	ting in the CRS pro	gram at this time.				
Project Read	iness:	High	The pro	ject is ongoing and	is ongoing and on schedule.					
				Strategic Goal	S					
Strategic (Goals:	Medium	Strateg and imp protection flood date	ic Initiative – Floo plement programs, p on, and operate Dis amage while preser	d Protection Main projects and regula trict flood control a ving the water resc	tions to maintain and ind conservation stru purce	vement: Develop I improve flood ctures to minimize			
			Overall I	Ranking and Reco	mmendation					
Fund as 1A F	Priority	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						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$300,000	\$422,250	\$0	\$722,250			
City of Williston				\$100,000	\$140,750	\$0	\$240,750			
T	otal			\$400,000	\$563,000	\$0	\$963,000			

Project No. Q231	WMF	P – Rainbow River Watershed Management Plan Update								
Marion County							FY2022			
Risk	Level:	Type 4			Mult	-Year Contract: Yes, Y	'ear 1 of 4			
				Description						
Descri	ption:	Complete a Marion Cour FY2022 fund	Complete a Watershed Management Plan (WMP) update for the Rainbow River Watershed in Marion County, including Watershed Evaluation, Floodplain Analysis, and Alternatives Analysis.							
Measurable Be	enefit:	The contract delineation u	tual Measusing digi	surable Benefit will ital topographic info	be the completi rmation, permit	on of an updated WMP data, and land use upd	and floodplain ates.			
	Costs:	Total project Marion Cour District: \$769 future years	: cost: \$1 nty: \$769 9,000 wit	,538,000 ,000 h \$153,800 reques	ted in FY2022 a	nd \$615,200 anticipate	d to be requested in			
				Evaluation						
Application Q	uality:	High	Applica	tion included all the	required inform	ation identified in the C	FI Guidelines.			
Project Bo	enefit:	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:	Medium	Project \$22,000	cost per square mil) / sq mi) for WMP	e is within the n updates comple	id-range of historic cos ted in mixed watershed	ts (\$15,001 - s.			
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedu	e and budget for the 2	ongoing projects.			
Complementary E	fforts:	Medium	Cooper	ator's Community F	Rating System is	7 and is in the 6 to 9 ra	ange.			
Project Read	iness:	High	Project	is ready to begin o	n or before Dec	ember 1, 2021.				
				Strategic Goal	S					
Strategic (Goals:	Medium	Strateg determi to supp	ic Initiative - Floo ne local and region ort floodplain mana	dplain Manage al floodplain infe gement decisio	nent: Collect and analy prmation, flood protection and initiatives.	/ze data to on status and trends			
			Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	This project resulting pro alleviate floc Rainbow Riv	This project updates flood risk in an area with existing flood analysis that is 5 to 10 years old. The esulting 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						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$153,8	\$615,200	\$769,000			
Marion County				\$0	\$153,8	00 \$615,200	\$769,000			
T	otal			\$0	\$307,6	00 \$1,230,400	\$1,538,000			

Project No. Q254	Cons	servation –	Citrus	County Water Co	onservation Pro	gram				
Citrus County							FY2022			
Risk	Level:	Туре 1			Multi-Y	ear Contract: No				
	Description									
Descri	Make availat activities, inc controllers a Sense Label included are program. Sh installations/	Make available financial incentives and services to customers for up to three conservation activities, including: residential high-efficiency toilets, residential Water Sense Labeled irrigation controllers and necessary components, and non-residential water use evaluations with a Water Sense Labeled irrigation controller and/or rain sensor where feasible and none exists. Also included are educational materials, program promotion, and surveys to ensure the success of the program. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow.								
Measurable Be	enefit:	The contract of a final rep	ual Mea ort.	surable Benefit will	be the implementa	tion of the program a	nd the completion			
(Costs:	Total project Citrus Count District: \$46,	cost: \$9 y: \$46,60 600	3,200 00						
	Evaluation									
Application Q	uality:	High	Applica	tion included all the	required informati	on identified in the Cl	FI Guidelines.			
Project Be	enefit:	High	The ber gallons participa	nefit of this project i per day in the Nort ation rate across th	s the conservation hern Planning Reg e 3 possible conse	of approximately 16, ion. Savings will vary rvation activities.	740 to 17,677 based on the			
Cost Effective	eness:	Medium	Project	cost effectiveness i	s between \$3.01 a	ind \$6.00 per thousar	nd gallons saved.			
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 6 c	ongoing projects.			
Complementary E	fforts:	High	Applica year-roo restrictio	nt has the complem und 1-day per week ons, and has an ac	entary efforts of: h irrigation restriction ive conservation p	nas adopted an ordina on, actively enforces i program.	ance to support rrigation			
Project Read	iness:	High	Project	is ready to begin or	n or before Decem	ber 1, 2021.				
				Strategic Goal	S					
Strategic (Goals:	High	Strateg ensure Northe	i <mark>c Initiative - Cons</mark> beneficial use. rn Region Priority	ervation: Enhanc	e efficiencies in all wa	ater-use sectors to			
		(Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	Project will c	onserve	potable water in the	e Northern Plannin	g Region and is cost	effective.			
				Funding						
Fundin	g Soui	rce		Prior	FY2022	Future	Total			
District				\$0	\$46,600	\$0	\$46,600			
Citrus County				\$0	\$46,600	\$0	\$46,600			
Т	otal			\$0	\$93.200	\$0	\$93,200			

Project No. Q255	Cons	ervation –	Bay La	urel CCD Water	Conservation P	rogram				
BLCCDD							FY2022			
Risk I	_evel:	Туре 1			Multi-Ye	ear Contract: No				
	Description									
Description: Make available finance four conservation act flush high-efficiency t WaterSense labeled landscape irrigation a program. Should actu installations/rebates a			financial incentives and services to residential and commercial customers for up to on activities, including: replacing inefficient residential toilets with 1.28 gallon per ency toilets; replacing high volume shower heads with 2.0 gallons per minute beled showerheads; installation of evapotranspiration (ET) irrigation controllers; and ation audits. Also included is program promotion to ensure the success of the id actual costs be less than anticipated, the Cooperator may perform more bates as the availability of funds allow.							
Measurable Be	enefit:	The contract of a final rep	ual Meas ort.	surable Benefit will	be the implementa	tion of the program a	nd the completion			
C	osts:	Total project BLCCDD sh District: \$164	cost: \$3 are: \$16 4,750	29,500 34,750						
				Evaluation						
Application Qu	Jality:	High	Applica	tion included all the	required information	on identified in the Cl	FI guidelines.			
Project Be	enefit:	High	The ber per day	nefit of this project i in the Northern Pla	s the conservation Inning Region.	of approximately 27,	492-35,958 gallons			
Cost Effective	ness:	Medium	Project	cost effectiveness i	s between \$3.01 a	nd \$6.01 per thousar	nd gallons saved.			
Past Perform	ance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 1 o	ongoing project.			
Complementary Ef	forts:	High	Applica having high eff	nt has the complem water loss less thar iciency standards fo	nentary efforts of ha n the District average or new construction	aving an active conse ge, and being in the p n.	ervation program, process of adopting			
Project Readi	ness:	Medium	Project	is ready to begin or	n or before March 1	I, 2022.				
				Strategic Goal	s					
Strategic G	ioals:	High	Strateg ensure Northe	i c Initiative - Cons beneficial use. rn Region Priority	servation: Enhanco	e efficiencies in all wa sustainable water su	ater-use sectors to			
			Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	Project will c	onserve	potable water supp	ly in the Northern I	Planning Region and	is cost effective.			
				Funding						
Funding	g Sour	се		Prior	FY2022	Future	Total			
District				\$0	\$164,750	\$0	\$164,750			
BLCCDD				\$0	\$164,750	\$0	\$164,750			
Тс	otal			\$0	\$329,500	\$0	\$329,500			

Project No. WR10	SW I	W IMP – Water Quality – Rainbow Springs 5th Replat Stormwater Retrofit							
Marion County							FY2022		
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No			
Description									
Descri	ption:	Construction Springs, a S	of storm WIM pric	nwater BMP retrofits prity water body.	s to improve water	quality discharging ir	ito Rainbow		
Measurable Be	enefit:	The contract quality disch Construction performance	ie contractual Measurable Benefit will be the construction of BMP retrofits to improve water iality discharging into Rainbow Springs from approximately 58 acres of residential watershe onstruction will be done in accordance with permitted plans. There will be no monitoring or erformance testing requirements.						
(Costs:	Total Project Marion Cour District: \$424	otal Project Cost: \$848,094 (construction) larion County: \$424,047 vistrict: \$424,047						
				Evaluation					
Application Q	uality:	High	Applica	tion included all the	required informati	on identified in the Cl	FI Guidelines.		
Project Be	enefit:	High	The Re Rainbov	source Benefit of th w Springs by an es	e project is the red timated 102 lbs/yr.	uction of Total Nitrog	jen loads to the		
Cost Effective	eness:	Medium	The estimated cost/lb of TN removed is between the historical average cost of \$176 and \$475/lb.						
Past Perform	nance:	High	Based (upon an assessmei	nt of the schedule a	and budget for the 2 o	ongoing projects.		
Complementary E	fforts:	High	Applica	nt has an active sto	rmwater utility that	collects fees.			
Project Read	iness:	High	Project	is ready to begin o	n or before Deceml	per 1, 2021.			
			_	Strategic Goal	S				
Strategic (Goals:	High	Strateg implem Northe	jic Initiative - Wate ent programs, proje rn Region Priority	er Quality Mainten ects and regulations Improve Northern	ance and Improvem s to maintain and imp coastal spring syste	ient: Develop and prove water quality. ms.		
		(Overall I	Ranking and Reco	mmendation				
Fund as a High F	Priority	This project priority water districts to pr maximize nu	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					
Fundin	g Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$424,047	\$0	\$424,047		
Marion County				\$0	\$424,047	\$0	\$424,047		
Т	otal			\$0	\$848,094	\$0	\$848,094		

Project No. WR11	Sprii	prings – Marion County State Road 200 Septic to Sewer Project								
Marion County			FY2022							
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No				
Description										
Descri	ption:	Design, pern and impact f Basin Manag	Design, permitting and construction of municipal sewer system connections including connection and impact fees, tank abandonment, and necessary components located within the Rainbow River Basin Management Action Plan (BMAP).							
Measurable Be	enefit:	The contract and the conr in accordance	The contractual Measurable Benefit will be the proper abandonment of 5 commercial septic tanks and the connection of the 4 associated parcels to an existing force main. Construction will be done in accordance with the permitted plans.							
	Total Project Fees) FDEP Spring District: \$17 Marion Cour match)	Fotal Project Cost: \$712,929 (Design, Permitting, Construction, Connection Fees and Impact Fees) FDEP Springs Funding: \$356,464.50 District: \$178,232.25 Marion County: \$178,232.25 (including connection and impact fees to be used as Cooperator natch)								
				Evaluation						
Application Q	uality:	Medium	Applica PM/CM	tion included most had to work with th	of the required info ne County to obtain	rmation in the CFI Gurenning information	uidelines. District			
Project Bo	enefit:	Medium	The resource benefit, if constructed, is the reduction of pollutant load estimated 367 lbs./yr TN. There will be no monitoring or performance requirements. The project is located within the Rainbow River BMAP				ads by an nce testing AP.			
Cost Effective	eness:	High	For wastewater projects, the estimated cost/lb of TN (\$64.78) is lower than the c \$176/lb for District funded water quality projects. On average, this project allocat approximately \$142,585.80 for each commercial septic tank removed.							
Past Perform	ance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.							
Complementary E	fforts:	Low	The Co sewage controls	operator does not h hookup within 365 s.	nave an ordinance days of availability	n line with F.S. 381.0 or in line with the Di	0655 to require strict's other			
Project Read	iness:	High	Project	is ready to begin or	n or before Deceml	oer 1, 2021				
				Strategic Goal	s					
Strategic (Goals:	High	Strateg implement Northe	ic Initiative - Wate ent programs, proje rn Region Priority	er Quality Mainten ects and regulations : Improve northern	ance and Improvem s to maintain and imp coastal spring syster	lent: Develop and prove water quality. ms.			
			Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	The project is located within the Rainbow River BMAP, but is outside the Priority Focus Area (PFA). The project includes connection and impact fees which will not be a reimbursable item, but can be used as the County's match. Based on direction at the March 23, 2021 Governing Board meeting, CFI eligibility for septic to sewer projects was expanded to the entire BMAP for the Rainbow River Springshed. An ordinance will be required preventing new conventional septic systems on lots less than 1 acre within the BMAP along with other ordinances outlined in the District's CFI Guidelines. 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						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$178,232	\$0	\$178,232			
Marion County				\$0	\$178,232	\$0	\$178,232			
FDEP Springs				\$0	\$356,464	\$0	\$356,464			
T	otal			\$0	\$712,929	\$0	\$712,929			

Project No. WW10	Sprii	ngs – Hernando County Septic to Sewer District A, Phase 1b								
Hernando County			FY2022							
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No				
	Description									
Description:		30% design and third-party review of a regional wastewater collection system necessary for connection of existing residential homes in the Weeki Wachee Priority Focus Area (PFA). If constructed, a minimum of 224 existing septic systems will convert to sanitary sewer. The FY funding request is for completion of 30% design and third-party review (TPR) as this project l estimated cost greater than \$5 million dollars. Governing Board approval of the TPR is require prior to initiating final design and construction.					ecessary for ea (PFA). If ewer. The FY2022 this project has an TPR is required			
Measurable Be	enefit:	The contract for construct	ual Meas ion of a i	surable Benefit will regional wastewate	be the completion r collection system.	of 30% design of the	proposed project			
	Total Project Hernando Co District share completion, p funding to co FDEP share years.	Cost: \$ ounty sh e: \$250,0 oermittin omplete o : \$1,166,	1,666,667 (30% des are: \$250,000 000; The conceptua g and construction design, permitting a 667 (additional des	sign, third-party rev l estimate for total is \$11,500,000. It is nd construction in f ign); \$6,883,333 ar	iew and additional de project cost, including s anticipated the Cour future years. nticipated to be budge	esign) g design nty will request eted in future				
				Evaluation						
Application Q	uality:	Medium	Applica District	tion included most PM/CM had to wor	of the required info	rmation identified in the obtain remaining rem	ne CFI guidelines. quired information.			
Project Be	enefit:	High	The Resource Benefit of this water quality project is the reduction of pollutant loads an estimated 2,305 lbs/yr TN. There will be no monitoring or performance testing requirements. The project is located within the PFA of the Weeki Wachee basin management action plan (BMAP), a SWIM priority water body.							
Cost Effective	eness:	Medium	For wastewater projects, the estimated cost/lb of TN (\$166) is lower than the average cost of \$176/lb for District funded water quality projects and is above what would be considered a highly effective project of \$100/lb. On average, this project allocates approximately \$51,339 for each residential septic tank removed.							
Past Perform	nance:	Medium	Based u	upon an assessmer	nt of the schedule a	ind budget for the 2 o	ngoing projects.			
Complementary E	fforts:	Low	This pro Florida	oject does not have Statutes, requiring	a local ordinance i sewage hookup wi	n place in line with Se thin 365 days of avail	ection 381.0065, ability.			
Project Read	iness:	High	Project	is ready to begin or	n or before Decemb	per 1, 2021.				
				Strategic Goal	S					
Strategic 0	Goals:	High	Strateg implem Northe	jic Initiative - Wate ent programs, proje rn Region Priority	r Quality Mainten cts and regulations Improve Northern	ance and Improvem to maintain and improvem coastal spring syster	ent: Develop and rove water quality. ns.			
		(Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	Y The 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 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						
Fundin	g Sou	rce		Prior	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				\$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	WMF	P – West Oc	ala WM	IP Update							
Marion County							FY2022				
Risk	Level:	Туре 4			Multi-Y	ear Contract: Yes, Ye	ear 1 of 2				
				Description							
Descri	ption:	Complete a County, inclu funding will	Watershouding wa	ned Management Plan (WMP) update for the West Ocala Watershed in Marion atershed evaluation, floodplain analysis, and alternatives analysis. FY2022 to begin the watershed evaluation.							
Measurable Be	enefit:	The contract delineation u	tual Measusing digi	surable Benefit will ital topographic info	be the completion rmation, permit da	of an updated WMP a ta, and land use upda	and floodplain ates.				
(Costs:	Total project Marion Cour District: \$22 future years	Fotal project cost: \$444,000 Varion County: \$222,000 District: \$222,000 with \$111,000 requested in FY2022 and \$111,000 anticipated to be request future years.								
				Evaluation							
Application Q	uality:	High	Applica	tion included all the	required informat	ion identified in the CI	-I Guidelines.				
Project Be	enefit:	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:	Medium	ium 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:	High	Based u	upon an assessmer	nt of the schedule	and budget for the 2 c	ongoing projects.				
Complementary E	fforts:	Medium	Cooper	ator's Community F	Rating System is 7	and is in the 6 to 9 ra	nge.				
Project Read	iness:	High	Project	is ready to begin or	n or before Decem	ber 1, 2021.					
				Strategic Goal	S						
Strategic (Goals:	Medium	Strateg determi to supp	ic Initiative - Floo ne local and region ort floodplain mana	dplain Managemon al floodplain inforr gement decision a	ent: Collect and analy nation, flood protection and initiatives.	ze data to n status and trends				
			Overall I	Ranking and Reco	mmendation						
Fund as a Medium F	a Medium 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.										
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$0	\$111,000	\$111,000	\$222,000				
Marion County				\$0	\$111,000	\$111,000	\$222,000				
Т	otal			\$0	\$222,000	\$222,000	\$444,000				
Project No. Q230	WMF	MP – Gum Swamp & Big Jones Creek Watershed Management Plan Update									
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Marion County							FY2022				
Risk	Level:	Type 4			Multi-Ye	ear Contract: Yes, Ye	ear 1 of 4				
				Description							
Descri	ption:	Complete a Watershed in Alternatives	Watershon Marion Analysis	ed Management Pla County, including V . FY2022 funding v	an (WMP) update f Vatershed Evaluat vill be used to begi	or the Gum Swamp & ion, Floodplain Analys n the Watershed Eval	Big Jones Creek sis, and Juation.				
Measurable Be	enefit:	The contract delineation u	tual Measusing digi	surable Benefit will ital topographic info	be the completion rmation, permit da	of an updated WMP a ta, and land use upda	ınd floodplain ites.				
(Costs:	Total project Marion Cour District: \$50 future years.	Total project cost: \$1,015,000 Marion County: \$507,500 District: \$507,500 with \$126,875 requested in FY2022 and \$380,625 anticipated to be reques future years.								
	Evaluation										
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CF	I Guidelines.				
Project Be	enefit:	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:	Medium	Project \$22,000	cost per square mil) / sq mi) for WMP	e is within the mid- updates completed	range of historic cost in mixed watersheds	s (\$15,001 -				
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 2 o	ngoing projects.				
Complementary E	fforts:	Medium	Cooper	ator's Community F	ating System is 7	and is in the 6 to 9 rai	nge.				
Project Read	iness:	High	Project	is ready to begin or	n or before Decem	per 1, 2021.					
			-	Strategic Goal	S						
Strategic (Goals:	Medium	Strateg determi to supp	ic Initiative - Floo ne local and region ort floodplain mana	dplain Manageme al floodplain inform gement decision a	nt: Collect and analyz nation, flood protection nd initiatives.	ze data to status and trends				
			Overall I	Ranking and Reco	mmendation						
Fund as a Medium F	Fund as a Medium 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.										
				Funding							
Fundin	g Soui	rce		Prior	FY2022	Future	Total				
District				\$0	\$126,875	\$380,625	\$507,500				
Marion County				\$0	\$126,875	\$380,625	\$507,500				
T	otal			\$0	\$253,750	\$761,250	\$1,015,000				

Project No. WH06	Sprin	ngs – Citrus	County Old Homos	Springs – Citrus County Old Homosassa Downtown North Septic to Sewer									
Citrus County						FY2022							
Risk	Level:	Туре 2		Mul	i-Year Contract: No								
			Descripti	on									
Descri	ption:	30% design connection of (PFA). If con funding is for	and third-party review (TPR) of a regional wastewater collection system necessary for if existing properties within the Homosassa-Chassahowitzka Priority Focus Area structed, a minimum of 135 existing septic systems will convert to sewer. District or 30% design and TPR as this project has an estimate greater than \$5 million dollars.										
Measurable Be	enefit:	The contract proposed pro	ual Measurable Benefit oject to construct a regio	of this project will nal wastewater co	be the completion of 30% llection system.	6 design of this							
	Costs:	Total project Citrus Count District: \$250 permitting, a complete de FDEP share	cost: \$1,000,000 (30% y: \$250,000 0,000; The conceptual e nd construction is \$12,0 sign, permitting and con : \$500,000 (additional de	design, third-party stimate for total pr 35,000. It is anticij struction in future esign); \$5,517,500	review and additional de oject costs, including des pated the County will req vears. anticipated to be budge	esign) sign completion, uest funding to ted in future years							
Evaluation													
Application Q	uality:	Medium	Application included mo District PM/CM had to	ost of the required work with County t	information identified in o obtain remaining requi	the CFI guidelines. red information.							
Project Be	enefit:	Medium	The resource benefit, if estimated 1,389 lbs/yr requirements. The proj Homosassa Springs ba from standard FDEP m instead of the nearby s	resource benefit, if constructed, is the reduction of pollutant loads by an mated 1,389 lbs/yr TN. There will be no monitoring or performance testing uirements. The project is located within the PFA of the Chassahowitzka- nosassa Springs basin management action plan. This benefit calculation differs n standard FDEP methodology as this project will impact the Homosassa River ead of the nearby spring vents.									
Cost Effective	Low	For wastewater project of \$176/lb for District fu approximately \$89,148	s, the estimated condent and the stimated condent of the states of the s	ost/lb of TN (\$288.74) is projects. On average, tl al septic tank removed.	higher than the cost his project allocates								
Past Perform	ance:	High	Based upon an assess	ment of the sched	le and budget for the 6	ongoing projects.							
Complementary E	fforts:	Medium	The Cooperator has an hookup within 365 days	ne Cooperator has an ordinance in line with F.S. 381.00655 to require sewage pokup within 365 days of availability.									
Project Read	iness:	High	Project is ready to begi	n on or before De	ember 1, 2021.								
			Strategic G	oals									
Strategic 0	Goals:	High	Strategic Initiative - W implement programs, p Northern Region Prio	<pre>/ater Quality Main rojects and regula rity: Improve Nort</pre>	itenance and Improven ions to maintain and imp nern coastal spring system	nent: Develop and prove water quality.							
		(Overall Ranking and R	ecommendation									
Fund as a Medium F	Fund as a Medium Priority 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 Chassahowitzka-Homosassa PFA and continues the County's efforts to improve water quality 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 Homosassa River, and the ability to further reduce nutrient loading to the systems, the overall project is ranked as Medium. If selected for funding, the District will only f the project if FDEP also contributes funds and the Cooperator demonstrates appropriate contriare in place.												
	Funding												
Funding Source Prior FY2022 Future Total*													
District \$0 \$250,000 \$2,758,750 \$3,008													
Citrus County \$0 \$250,000 \$2,75						\$3,008,750							
	otol			ψυ \$500, \$0 \$4,000,	\$5,517,500	\$6,017,500							
*Concentual cost octimate		at to Coversit	a Roard Approval	φu \$1,000,	\$11,035,000	ə12,035,000							

Conceptual cost estimate, subject to Governing Board Approval

Project No. Q224	WMF	P – East Cit	rus/Witl	hlacoochee Wat	ershed Manager	nent Plan				
Citrus County							FY2022			
Risk	Level:	Туре 4			Multi-Ye	ear Contract: No				
				Description						
Descri	Complete th Citrus / With developed ir alternative a resource ass	e alterna lacooche n Septem nalysis ta sessmen	tive analysis portion be Watershed in Cit aber 2015. Request asks including storr t (SWRA), and bes	n of the Watershed rus County. Govern ed FY2022 funds w nwater level of serv t management prace	Management Plan (ning Board approved yould have been used vice analysis (LOS), s tice (BMP) alternativ	MMP) for the East floodplains were d to complete the surface water re analysis.				
Measurable Be	enefit:	The contract identify risk of deficiencies.	tual Meas of flood d	surable Benefit will lamage and cost ef	be the completion fective alternatives	of an alternative anal for water quantity an	ysis to better id quality			
(Costs:	Total project Citrus Count District: \$100	Total project cost: \$200,000 Citrus County: \$100,000 District: \$100,000							
Evaluation										
Application Q	uality:	High	h Application included all the required information identified in the CFI Guidelines.							
Project Be	enefit:	Low	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:	Medium	Project mi) for \	cost per square mil WMPs completed ir	e is in the mid-rang rural watersheds.	ge of historic costs (\$	2,001 - \$4,000 / sq			
Past Perform	ance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 6 o	ongoing projects.			
Complementary E	fforts:	High	Cooper	ator's Community F	Rating System class	s is 5 and is in the 5 o	or better range.			
Project Read	iness:	High	Project	is ready to begin or	n or before Decemi	per 1, 2021.				
			1	Strategic Goal	S					
Strategic C	Goals:									
			Overall I	Ranking and Reco	mmendation					
Low Priority Not Recomm for fu	ended unding	The project i additional be	s not cos eneficial i	st effective as the o information.	verall cost outweig	hs the benefits and d	oes not provide			
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$100,000	\$0	\$100,000			
Citrus County				\$0	\$100,000	\$0	\$100,000			
Т	otal			\$0	\$200,000	\$0	\$200,000			

Project No. Q264	Cons	Conservation – Bay Laurel Turf Grass Reduction Project											
BLCCDD		FY202:											
Risk	Level:	Type 1 Multi-Year Contract: No											
	Description												
Descri	ption:	Make availal approximate Should actua installations/	ole finan ly 150,00 al costs b rebates a	cial incentives to re 00 square feet of irr be less than anticip as the availability o	sidential an igated turf ated, the Co f funds allo	nd comm using Flo ooperato w.	nercial customers for orida friendly landsca or may perform more	the reduction of aping techniques.					
Measurable Be	enefit:	it: The contractual Measurable Benefit will be the implementation of the program and the compl of a final report.											
(Costs: Total project cost: \$150,000 BLCCDD: \$75,000 District: \$75,000												
Evaluation													
Application Q	uality:	High	Applica	tion included all the	required ir	nformatio	on identified in the CI	-I guidelines.					
Project Be	enefit:	High	Image: HighThe benefit of this project is the conservation of approximately 9,726 gallons per day in the Northern Planning Region.										
Cost Effective	eness:	Low	_ow Project is not cost effective.										
Past Perform	ance:	High	Based (upon an assessmei	nt of the sch	hedule a	and budget for the 1 o	ongoing project.					
Complementary E	fforts:	High	Applica having high eff	nt has the complen water loss less thar iciency standards f	nentary effo n the Distric or new cons	orts of ha ot averag struction	aving an active conse ge, and being in the p	ervation program, process of adopting					
Project Read	iness:	Medium	Project	is ready to begin o	n or before	March 1	, 2022.						
				Strategic Goal	S								
Strategic 0	Goals:												
			Overall I	Ranking and Reco	ommendati	on							
Low Priority Not Recomm for fu	ended Project will conserve potable water supply in the Northern Planning Region but is not cost effective.												
				Funding									
Fundin	g Sou	rce		Prior	FY20	22	Future	Total					
District				\$0	\$	\$75,000	\$0	\$75,000					
BLCCDD				\$0	\$	\$75,000	\$0	\$75,000					
То	otal			\$0	\$1	50.000	\$0	\$150.000					

Southern Region FY2022 Cooperative Funding Initiative Final Evaluations and Rankings

Project No. Q141	SW I	MP - Flood Protection - Bowlees Creek Flood Mitigation										
Manatee County							FY2022					
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Y	ear 2 of 2					
				Description								
Descri	ption:	Design, perm Brendan Out Course, lowe within the Bo are two cond will be utilize	nitting, a fall, one ering the owlees C crete wei d to corr	nd construction of c automated weir str weir north of Lake reek Watershed. Th rs that provide irriga aplete the construct	one automated weir ucture on the dowr Brendan, and recla ne area experience ation water to the S ion.	structure and one b stream weir near the imed water irrigation s severe flooding an ara Bay Golf Course	affle box at Lake Sara Bay Golf line connection d currently there . FY2022 funding					
Measurable Be	enefit:	The contract construction Bowlees Cre	ual Mea of storm ek Wate	surable Benefit will water improvement ershed. Construction	be the completion BMPs in the Shad will be done in ac	of the design, permit y Brook/Sara Bay Go cordance with the pe	ting, and olf area within the rmitted plans.					
(Costs:	 Total project cost: \$559,410 (design, permitting, and construction) Manatee County: \$279,705 District: \$279,705 with \$139,852 budgeted in previous years and \$139,853 requested in FY2022 										
	Evaluation											
Application Q	uality:	High	Application included all the required information identified in the CFI Guidelines.									
Project Be	enefit:	High	The Resource Benefit of this project will reduce existing flooding problems during th 100-yr, 24-hr storm event. Structure and street flooding currently occur 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 Effective	eness:	High	Benefit/	Cost ratio is greate	r than or equal to 1							
Past Perform	ance:	High	Based	upon an assessmer	nt of the schedule a	and budget for the 5 o	ongoing projects.					
Complementary E	fforts:	High	Cooper	ator's Community F	ating System class	s is 5 and is in the 5 o	or less range.					
Project Read	iness:	High	Project	is ongoing and on s	schedule.							
				Strategic Goal	s							
Strategic C	Goals:	High	Strateg implem Strateg and imp protecti flood da	jic Initiative - Wate ent programs, proje jic Initiative – Floo blement programs, j on, and operate Dis amage while preser	r Quality Mainten octs and regulations d Protection Main projects and regula strict flood control a ving the water reso	ance and Improvem to maintain and imp itenance and Impro tions to maintain and ind conservation stru iurce	nent: Develop and rove water quality. vement: Develop i improve flood ctures to minimize					
			Overall	Ranking and Reco	mmendation							
Fund as 1A F	Priority	This ongoing Manatee Co	l project unty and	reduces structure a provides ancillary	nd street flooding i water quality benef	n the Shady Brook/S its.	ara Bay area in					
	Funding											
Fundin	Funding Source Prior FY2022 Future Total											
District				\$139,852	\$139,853	\$0	\$279,705					
Manatee County				\$139,852	\$139,853	\$0	\$279,705					
Т	otal			\$279,704	\$279,706	\$0	\$559,410					

Project No. Q148	WMF	VMP - Cow Pen Slough Watershed										
Manatee County		FY2022										
Risk	Level:	Type 4	Type 4 Multi-Year Contract: Yes, Year 2 of 2									
Description												
Description: Complete a Watersho service analysis (LOS practices (BMP) alter FY2022 funding will b and BMP tasks.			ed Management Pla S), surface water re native analysis for to be utilized to finish t	an (WMP) including source assessmen he Cow Pen Sloug he watershed eval	g floodplain analysis, t (SWRA), and best i jh Watershed in Man uation, floodplain ana	stormwater level of nanagement atee County. alysis, LOS, SWRA,						
Measurable Be	enefit:	The contract floodplain inf conveyance	ual Meas ormation and to m	surable Benefit will and implement floo ninimize flood dama	be the completion odplain manageme ge.	of a WMP that will de ant programs to main	velop better tain storage and					
(Costs:	 Total project cost: \$540,000 Manatee County: \$270,000 District: \$270,000 with \$135,000 budgeted in previous years and \$135,000 requested in FY2022 										
Evaluation												
Application Q	uality:	High	gh Application included all the required information identified in the CFI Guidelines.									
Project Be	enefit:	High	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:	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	nance:	High	Based u	upon an assessmer	it of the schedule a	and budget for the 5 o	ongoing projects.					
Complementary E	fforts:	High	Cooper	ator's Community R	ating System class	s is 5 and is in the 5 o	or less range.					
Project Read	iness:	High	Project	is ongoing and on s	chedule.							
				Strategic Goal	5							
Strategic (Goals:	High	Strateg determi to supp Strateg data to resourc	ic Initiative - Flood ne local and region ort floodplain mana ic Initiative - Wate determine local and e management dec	dplain Manageme al floodplain inform gement decision al r Quality Assessr I regional water qu isions and restorat	nt: Collect and analy ation, flood protectio nd initiatives. nent and Planning: ality status and trend ion initiatives.	ze data to n status and trends Collect and analyze s to support					
		(Overall I	Ranking and Reco	mmendation							
Fund as 1A Priority This ongoing project identifies flood risk in an area with limited 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								
Fundin	g Sou	rce		Prior	FY2022	Future	Total					
District				\$135,000	\$135,000	\$0	\$270,000					
Manatee County				\$135,000	\$135,000	\$0	\$270,000					
Т	otal			\$270,000	\$270,000	\$0	\$540,000					

Project No. Q151	WMF	/MP - South Manatee County Watersheds										
Manatee County							FY2022					
Risk	Level:	Туре 4			Multi-Ye	ear Contract: Yes, Y	ear 2 of 2					
				Description								
Descri	ption:	Complete a service analypractices (BI County. FY2 SWRA, and	Watersho ysis (LOS MP) alter 022 func BMP tas	ed Management Pla S), surface water re native analysis for t ling will be utilized t ks.	an (WMP) including source assessmen he South Manatee o finish the watersl	g floodplain analysis, t (SWRA), and best i County Watersheds hed evaluation, flood	stormwater level of management in Manatee plain analysis, LOS,					
Measurable Bo	enefit:	The contract floodplain inf conveyance	ual Meas ormatior and to m	surable Benefit will a and implement flo animize flood dama	be the completion odplain manageme ge.	of a WMP that will de ant programs to main	evelop better tain storage and					
(Costs:	Total project Manatee Co District: \$744	otal project cost: \$1,488,000 lanatee County: \$744,000 vistrict: \$744,000 with \$372,000 budgeted in previous years and \$372,000 requested in FY2022									
				Evaluation								
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the Cl	FI Guidelines.					
Project Be	enefit:	High	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:	High	High Project cost per square mile is in the low-range of historic costs (less than \$69,100/sq. mi.) for WMPs completed in urban watersheds.									
Past Perform	nance:	High	Based u	upon an assessmer	it of the schedule a	and budget for the 5 o	ongoing projects.					
Complementary E	fforts:	High	Cooper	ator's Community F	ating System class	s is 5 and is in the 5 o	or less range.					
Project Read	iness:	High	Project	is ongoing and on s	schedule.							
				Strategic Goal	s							
Strategic (Goals:	High	Strateg determi to supp Strateg data to resourc	ic Initiative - Flood ne local and region ort floodplain mana ic Initiative - Wate determine local and e management dec	Iplain Manageme al floodplain inform gement decision au r Quality Assessr I regional water qu isions and restorat	nt: Collect and analy ation, flood protectio nd initiatives. nent and Planning: ality status and trend ion initiatives.	ze data to n status and trends Collect and analyze Is to support					
		(Overall I	Ranking and Reco	mmendation							
Fund as 1A F	Priority	This ongoing project identifies flood risk in an area with limited 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								
Fundin	g Soui	rce		Prior	FY2022	Future	Total					
District				\$372,000	\$372,000	\$0	\$744,000					
Manatee County				\$372,000	\$372,000	\$0	\$744,000					
T	otal			\$744,000	\$744,000	\$0	\$1,488,000					

Project No. Q157	SW I Impr	MP – Flood ovements	Protec	tion – City of Bra	adenton Village	of the Arts South	Drainage		
City of Bradenton							FY2022		
Risk	Level:	Туре 3			Multi-Y	ear Contract: Yes, Ye	ear 2 of 3		
				Description					
Descri	ption:	Design, perm neighborhoo the area ove Village of the experiences construction	nitting, and d within rflows to e Arts ne severe s phase.	nd construction of a the Wares Creek W Wares Creek whicl ighborhood. Village structure and street	stormwater syste atershed in the C n often lacks suffic of the Arts does r flooding. FY2022	m for the Village of the ty of Bradenton. Storr ient capacity to preve iot have a stormwater funding will be utilized	e Arts nwater runoff from nt flooding in the system and I to begin the		
Measurable Bo	enefit:	The contract construction subwatershe	ual Meas of new s d. Const	surable Benefit will stormwater conveya truction will be done	be the completion nce and storage s in accordance wi	of the design, permitt ystems within the Wa th the permitted plans	ing, and res Creek		
Costs: Total project cost: City of Bradenton: District: \$1,170,000 \$772,559 anticipate				,340,000 (design, p ,170,000 vith \$100,000 budge to be requested in	ermitting, and cor eted in previous ye future years.	struction) ears, \$297,441 reques	sted in FY2022, and		
Evaluation									
Application Q	uality:	High Application included all the required information identified in the CFI Guidelines.							
Project Bo	Project Benefit: The Resource Benefit of this project will reduce the existing flooding problem the 100-year, 24-hour storm event. Structure and street flooding currently or project area and the project impacts the regional or intermediate drainage sy Ancillary water quality benefits were demonstrated along with the flood protect.						g problems during irrently occur in the rainage system. lood protection		
Cost Effective	eness:	Low	Benefit/	Cost ratio is slightly	less than 0.7 (0.6	6).			
Past Perform	nance:	High	Based ι	upon an assessmer	it of the schedule	and budget for the 2 o	ngoing projects.		
Complementary E	fforts:	Medium	Cooper	ator's Community F	ating System clas	s is 6 and is in the 6 t	o 9 range.		
Project Read	iness:	High	Project	is ongoing and on s	chedule.				
				Strategic Goal	S				
Strategic (Goals:	High	Strateg impleme Strateg and imp protection flood date	ic Initiative - Wate ent programs, proje ic Initiative – Floo olement programs, p on, and operate Dis amage while preser	r Quality Mainter cts and regulation d Protection Mai projects and regula trict flood control ving the water res	ance and Improvem s to maintain and imp ntenance and Improv ations to maintain and and conservation struc purce	ent: Develop and rove water quality. /ement: Develop improve flood ctures to minimize		
		(Overall I	Ranking and Reco	mmendation				
Fund as 1A F	Fund as 1A Priority This ongoing project provides a reduction of structure and street flooding for the 100-year, 24-hour event in the Village of the Arts neighborhood. An additional water quality benefit has been demonstrated.								
				Funding					
Fundin	g Sou	rce		Prior	FY2022	Future	Total		
District				\$100,000	\$297,441	\$772,559	\$1,170,000		
City of Bradenton				\$100,000	\$297,441	\$772,559	\$1,170,000		
T	otal			\$200,000	\$594,882	\$1,545,118	\$2,340,000		

Project No. Q191	WMF	/MP – North Manatee County Watersheds										
Manatee County							FY2022					
Risk	Level:	Туре 4			Multi-Ye	ear Contract: Yes, Y	ear 2 of 2					
				Description								
Description: Complete a Watershi service analysis (LOS practices (BMP) alter FY2022 funding will b and BMP tasks.			ed Management Plan (WMP) including floodplain analysis, stormwater level of S), surface water resource assessment (SWRA), and best management rnative analysis for the North Manatee County Watersheds in Manatee County. be utilized to finish the watershed evaluation, floodplain analysis, LOS, SWRA,									
Measurable Be	enefit:	The contract floodplain inf conveyance	ual Meas ormatior and to m	surable Benefit will and implement flo aninimize flood dama	be the completion odplain manageme ge.	of a WMP that will de ant programs to main	evelop better tain storage and					
(Costs:	Total project Manatee Co District: \$767	cost: \$1 unty: \$76 7,250 wit	,534,500 57,250 h \$383,625 budgete	ed in previous year	s and \$383,625 requ	ested in FY2022.					
				Evaluation								
Application Q	uality:	High	gh Application included all the required information identified in the CFI Guidelines.									
Project Be	enefit:	High	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:	High	High Project cost per square mile is in the low-range of historic costs (less than \$69,100/sq. mi.) for WMPs completed in urban watersheds.									
Past Perform	ance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 5 o	ongoing projects.					
Complementary E	fforts:	High	Cooper	ator's Community F	ating System class	s is 5 and is in the 5 o	or less range.					
Project Read	iness:	High	Project	is ongoing and on s	schedule.							
				Strategic Goal	S							
Strategic (Goals:	High	Strateg determi to supp Strateg data to resourc	ic Initiative - Floo ne local and region ort floodplain mana ic Initiative - Wate determine local and e management dec	Uplain Manageme al floodplain inform gement decision ai r Quality Assessr I regional water qu isions and restorat	nt: Collect and analy ation, flood protectio nd initiatives. nent and Planning: ality status and trend ion initiatives.	ze data to n status and trends Collect and analyze s to support					
		(Overall I	Ranking and Reco	mmendation							
Fund as 1A F	Fund as 1A Priority This ongoing project identifies flood risk in an area with limited 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								
Fundin	g Sou	rce		Prior	FY2022	Future	Total					
District				\$383,625	\$383,625	\$0	\$767,250					
Manatee County				\$383,625	\$383,625	\$0	\$767,250					
Т	otal			\$767,250	\$767,250	\$0	\$1,534,500					

Project No. Q202	Stud	tudy – PRMRWSA Southern Regional Loop Phase 2B & 2C Feasibility and Routing									
PRMRWSA		FY2022									
Risk	Level:	Туре 2			Multi-Ye	ear Contract: Yes, Y	ear 2 of 2				
				Description							
Description: A feasibility study to installation of the so Boulevard in Charlo will include evaluatii any required modifie				evaluate the route of thern loop betweer the County and the Connof pipeline routing ations to support this	options and infrastr the Authority's reg Carlton Water Treat I, sizing, new pump s system interconn	ucture requirements gional transmission s ment Facility in Sara ing and chemical ad ection project, and c	that will enable ystem at Serris sota County. Work dition facility and ost estimation.				
Measurable Be	enefit:	The contract pipeline rout transmission	ual Meas e options system.	surable Benefit will s, infrastructure req	be the completion uirements and the	of a feasibility study t cost of extending the	hat produces regional water				
(Costs:	Total project PRMRWSA: District: \$200 FY2022.	otal project cost: \$400,000 RMRWSA: \$200,000 istrict: \$200,000 with \$150,000 requested in previous years and and \$50,000 requested in Y2022.								
	Evaluation										
Application Q	uality:	High	igh Application included all the required information identified in the CFI Guidelines.								
Project Be	enefit:	High	High The benefit of this project is information to address the optimal pipeline route a well as the most cost effective way to improve regional delivery of AWS water to the central and western portions of Charlotte County's service area.								
Cost Effective	eness:	High	The cos feasibili	st effectiveness is re ty studies.	easonable and con	sistent with the Distri	ct 's costs for AWS				
Past Perform	ance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 4 o	ongoing projects.				
Complementary E	fforts:	High	The Au DeSoto	thority is a wholesa , Manatee, and Sar	le supplier of potab asota Counties and	le water to the custo d the City of North Po	mers of Charlotte, ort.				
Project Read	iness:	High	Project	is ongoing and on s	schedule.						
				Strategic Goal	S						
Strategic (Goals:	High	Strateg alternat Southe Recove	ic Initiative - Alter ive sources of wate rn Region Priority ry Strategy.	native Water Sup er to ensure ground : Implement South	plies: Increase devel water and surface wa ern Water Use Caution	lopment of ater sustainability on Area (SWUCA)				
		(Overall I	Ranking and Reco	mmendation						
Fund as 1A F	Priority	This feasibili This intercor	ty study inection	will support the exp will improve regiona	ansion of the PRM al and local system	RWSA regional trans reliability and resour	smission system. rce sharing options.				
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$150,000	\$50,000	\$0	\$200,000				
PRMRWSA				\$150,000	\$50,000	\$0	\$200,000				
Te	otal			\$300,000	\$100,000	\$0	\$400,000				

Project No. Q205	Stud	tudy – PRMRWSA Phase 3C Integrated Loop Routing and Feasibility										
PRMRWSA							FY2022					
Risk	_evel:	Туре 2			Multi-Ye	ear Contract: Yes, Y	ear 2 of 2					
				Description								
Descri	ption:	A feasibility of feasibility of Manatee Co well as the s the study wil existing facil	study to extendin unty. The upport n I evaluat ity impro	evaluate pipeline ro g regional potable v e study is a critical s eeded for modificat e and refine the est vements.	uting options, infra water transmission step to determine p ions to existing cou imated cost of all p	structure requiremen system from Saraso ipeline routes, sizing inty and regional faci roposed new facilitie	ts and the ta County to , pumping needs as lities. In addition, s as well as					
Measurable Be	enefit:	The contract pipeline rout transmission	e contractual Measurable Benefit will be the completion of a feasibility study that produces beline route options, infrastructure requirements and the cost of extending the regional water insmission system from north of Sarasota County to Manatee County.									
(Costs:	Total project PRMRWSA: District: \$300	otal project cost: \$600,000 RMRWSA: 300,000 istrict: \$300,000 with \$200,000 requested in previous years and \$100,000 requested in FY2022.									
			Evaluation									
Application Q	uality:	High	Application included all the required information identified in the CFI Guidelines.									
Project Be	enefit:	High	The benefit of this project will be information to address the optimal pipeline route as well as the most cost-effective way to interconnect the regional water transmission system to Manatee County.									
Cost Effective	ness:	High	The cos feasibili	st effectiveness is re ty studies.	easonable and con	sistent with the Distri	ct's costs for AWS					
Past Perform	ance:	High	Based	upon an assessmer	nt of the schedule a	and budget for the 4 o	ongoing projects.					
Complementary E	fforts:	High	The Au Desoto	thority is a wholesa , Manatee and Sara	le supplier of potab isota Counties and	le water to the custo the City of North Por	mers of Charlotte, rt.					
Project Read	ness:	High	Project	is ongoing and on s	schedule.							
				Strategic Goal	S							
Strategic (Boals:	High	Strateg alternat Southe Recove	ic Initiative - Alter ive sources of wate rn Region Priority ry Strategy.	native Water Sup r to ensure ground : Implement South	blies: Increase devel water and surface wa ern Water Use Caution	lopment of ater sustainability on Area (SWUCA)					
		(Overall	Ranking and Reco	mmendation							
Fund as 1A F	Priority	This feasibili from it's exis interconnect	This feasibility study will support the expansion of the PRMRWSA regional transmission system from it's existing terminus at Clark Road in Sarasota County to Manatee County. This interconnection will improve regional and local system reliability and resource sharing options.									
	Funding											
Funding	g Soui	rce		Prior	FY2022	Future	Total					
District				\$200,000	\$100,000	\$0	\$300,000					
PRMRWSA _				\$200,000	\$100,000	\$0	\$300,000					
Т	otal			\$400,000	\$200,000	\$0	\$600,000					

Project No. Q050	ASR	ASR – City of Venice Reclaimed Water ASR										
City of Venice		FY2022										
Risk I	_evel:	Туре 3				Multi-Ye	ear Contract: Yes, Y	ear 3 of 5				
				Description								
Descri	ption:	Design, perm Aquifer Stora year (mgy) o advanced wa reclaimed was construction FY2022 fund operational p	nitting, ca age and f reclaim astewate ater in th previou permittin ing requ	onstruction, testing, Recovery (ASR) sy led water on-site at er treatment plant. If e wet season, to be sly approved for 30 ng. The District requ lest is for constructi g.	and indep stem to sta the City's construct used in th % design, ired TPR on. Future	bendent p ore and r Eastside ed, ASR ne dry se third par because funding	berformance evaluati ecover at least 60 mi Water Reclamation would let the City sto ason when demand ty review (TPR), fina of project costs and will be for constructio	on (IPE) of an Illion gallons per Facility, an ore excess exceeds plant flow. I design, and complexity. The on, testing, and				
Measurable Be	enefit:	independent performance evaluation of an ASR system that will operate for 20 years at a minir storage and recovery rate of 60 mgy calculated using a 5-year moving average. Construction v be done in accordance with the permitted plans.										
C	Costs: Total conceptual project cost: \$5,065,000 (design, permitting, construction, testing, TPF City of Venice: \$2,532,500 District: \$2,532,500 with \$232,500 budgeted in previous years, \$1,100,000 requested in and \$1,200,000 anticipated to be requested in future years											
		Evaluation										
Application Q	uality:	High	ligh Application included all the required information identified in the CFI Guidelines.									
Project Be	enefit:	High	If constructed, the benefit would be development of at least 60 mgy in reclaimed water storage/recovery in the SWUCA; this would enable supply to approximately 74 additional reclaimed users, potentially reducing irrigation groundwater withdrawals by an estimated 0.24 million gallons per day (mgd). The City projects storing/recovering 185 mgy by 2035.									
Cost Effective	ness:	High	Costs a	re consistent with s	imilarly fu	nded Dis	trict projects.					
Past Perform	ance:	High	Based	upon an assessmer	nt of the so	chedule a	and budget for the 4 c	ongoing projects.				
Complementary Ef	forts:	High	Cooper reuse ra has pro environ	ator has a program ate structure for hig active reclaimed ex mental benefits.	in place th h volume t pansion p	nat incluc users. Co olicies, w	les metering and an poperator has a progr hich maximize utiliza	incentivized-based ram in place that ation and				
Project Readi	ness:	High	Project	is ongoing and on s	chedule.							
				Strategic Goal	s							
Strategic C	Boals:	High	Strateg to reduc Southe Recove	ic Initiative - Recl a ce demand on tradi r n Region Priority ry Strategy.	aimed Wa ional wate : Impleme	ter: Max er supplie nt South	imize beneficial use o es. ern Water Use Cautio	of reclaimed water on Area (SWUCA)				
		(Overall	Ranking and Reco	mmendat	ion						
Fund as a High F	Priority	y The City and District expect to complete 30% design and TPR by mid-2021. Contractually, the City will need Governing Board approval to proceed beyond this task. Anticipating favorable results from the TPR, and understanding that the Governing Board will need to provide approval to proceed, staff is recommending FY2022 funding for construction. Additionally, an IPE will be required once well construction and testing is completed. If constructed, ASR would allow the City to optimize use of reclaimed water to meet current and future irrigation demands, reducing reliance on fresh groundwater withdrawals.										
				Funding								
Funding Source Prior FY2022 Future Total*												
District				\$232,500	\$1,	100,000	\$1,200,000	\$2,532,500				
City of Venice				\$232,500	\$1,	100,000	\$1,200,000	\$2,532,500				
Тс	otal			\$465,000	\$2,	200,000	\$2,400,000	\$5,065,000				

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q217	Stud	y – Arcadia	Storm	water Evaluatior	and Feasibility	Study				
City of Arcadia]						FY2022			
Risk	Level:	Туре 3			Multi-Ye	ear Contract: No				
				Description						
Description: Complete a feasibility Jordan Branch in De Management Plan Bl protection benefits, p permitting/mitigation				/ study that evaluat Soto County. Projec MP Alternatives Ana roject costs, proper requirements for pr	es proposed Best N cts were identified i alysis (N858). Stud ty rights/acquisitior oposed BMPs.	Management Practice n the prior Arcadia W y will provide more d n needs including sur	es (BMPs) for /atershed etail for flood vey, and			
Measurable B	enefit:	The contract Engineering located along	ual Meas Report t g Jordan	surable Benefit will o evaluate alternati Branch.	be the completion ves to reduce flood	of a feasibility study a ling of roads and resi	and Preliminary dential properties			
(Costs:	Total project City of Arcac District: \$112	Total project cost: \$150,000 (study) City of Arcadia: \$37,500 (REDI Eligible Community) District: \$112,500 requested in FY2022							
			Evaluation							
Application Q	uality:	High	gh Application included all the required information identified in the CFI Guideline.							
Project B	enefit:	High	High The project benefit is a feasibility study that will evaluate stormwater alternatives f flood protection improvement. Currently, flood analysis models are available, are I than 5 years old, and the watershed includes regional or intermediate stormwater systems. Structure and street flooding occur in the project area.							
Cost Effective	eness:	High	Project	costs are comparal	ole to other prior pr	ojects with similar sc	opes.			
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 2 o	ongoing projects.			
Complementary E	fforts:	Low	Cooper	ator is not participa	ting in the Commu	nity Rating System pr	rogram.			
Project Read	iness:	Medium	Project	is ready to begin o	n or before March 1	I, 2022.				
				Strategic Goal	S					
Strategic (Goals:	Medium	Strateg determi to supp	ic Initiative - Floo ne local and region ort floodplain mana	dplain Manageme al floodplain inform gement decision al	nt: Collect and analy nation, flood protectio nd initiatives.	ze data to n status and trends			
			Overall I	Ranking and Reco	mmendation					
Fund as a High I	Priority	The project of recommendation refines solution share as a R Governing B communities	The project will utilize the Arcadia Watershed Management Plan (N858) model and recommendations from the BMP Alternative Analysis to complete a study that evaluates and further refines solutions to reduce flooding along Jordan Branch. City of Arcadia 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						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$112,500	\$0	\$112,500			
City of Arcadia				\$0	\$37,500	\$0	\$37,500			
Т	otal			\$0	\$150,000	\$0	\$150,000			

Project No. Q234	SW I Syst	W IMP – Flood Protection – Bowlees Creek Pennsylvania Avenue Flow Diversion system									
Manatee County							FY2022				
Risk	Level:	Туре 3			Multi-	ear Contract: Yes, Yes	ear 1 of 2				
	Description										
Description: Design, permitting, an stormwater from the Avenue East, located in the Meadors subdi runoff it receives. FY2 begin construction.				nd construction of a main trunk line of P I within the Bowlees vision and the exist 2022 funding will be	i pipe conveyanc ennsylvania Aver s Creek Watershe ing stormwater c e utilized to comp	e system and nutrient to hue to the Pittsburgh D ed. The area experienc onveyance system can lete the design and per	paffle box to reroute rain, along 59th es severe flooding not handle all the rmitting phases and				
Measurable Bo	enefit:	The contract construction the Bowlees	The contractual Measurable Benefit will be the completion of the design, permitting, and construction of a pipe conveyance system and nutrient baffle box along 59th Avenue East wi the Bowlees Creek watershed. Construction will be done in accordance with the permitted pl								
(Costs:	 Total project cost: \$2,300,472 (design, permitting, and construction) Manatee County: \$1,150,236 District: \$1,150,236 with \$250,000 requested in FY2022 and \$900,236 anticipated to be require future years. 									
				Evaluation							
Application Q	uality:	High	Applica	tion included all the	required informa	tion identified in the CF	-I Guidelines.				
Project B	enefit:	High	The Resource Benefit of this project will reduce existing flooding problems during the 100-yr, 24-hr storm event. Structure and street flooding currently occur 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 Effective	eness:	Medium	Benefit/	Cost ratio is less th	an 1 but greater	han or equal to 0.7.					
Past Perform	nance:	High	Based	upon an assessmer	nt of the schedule	and budget for the 5 c	ongoing projects.				
Complementary E	fforts:	High	Cooper	ator's Community F	ating System cla	ss is 5 and is in the 5 c	or less range.				
Project Read	iness:	High	Project	is ready to begin or	n or before Decer	nber 1, 2021.					
				Strategic Goal	s						
Strategic (Goals:	High	Strateg implem Strateg and imp protecti flood da	ic Initiative - Wate ent programs, proje ic Initiative – Floo olement programs, j on, and operate Dis amage while preser	r Quality Mainte octs and regulatio d Protection Ma projects and regu strict flood control ving the water res	nance and Improvem ns to maintain and imp intenance and Improv lations to maintain and and conservation strue source	ent: Develop and rove water quality. vement: Develop improve flood ctures to minimize				
			Overall	Ranking and Reco	mmendation						
Fund as a High F	Priority	This project provides and	reduces illiary wa	structure and stree ater quality benefits	t flooding in the N	leadors area in Manate	e County and				
				Funding							
Fundin	g Sou	ource Prior FY2022 Future Total									
District				\$0	\$250,00	\$900,236	\$1,150,236				
Manatee County				\$0	\$250,00	\$900,236	\$1,150,236				
T	otal			\$0	\$500,00	\$1,800,472	\$2,300,472				

Project No. Q248	AWS Faci	6 – PRMRW lities	SA Reg	ional Acquisitio	n of the Project	Prairie Pumping a	and Storage			
PRMRWSA	1						FY2022			
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No				
				Description						
Description: This project involves and constructing imp transmission system this station for DeSol connects near the pu station, 500,000-gall County; conduct syst construct additional y regional system.				the regional acquis rovements necessa . The Authority has to County, and the imp station location on storage tank, em tem improvements vard piping and met	ition of the Project ry for the pumping a regional 20-inch oop System Phase . The Authority pro- ergency generator recommended by a er assembly to ope	Prairie Pumping and station to support th transmission main d e 1 Interconnect from poses to acquire the , and yard piping own completed site asse erate the pump station	Storage Facility e regional elivering water to n Punta Gorda 5 mgd pumping ned by DeSoto ssment; and n as a hub in the			
Measurable Bo	enefit:	The contract station at a s of water from capability to regional sys	he contractual Measurable Benefit will be acquisition and improvement of a regional pumping tation at a strategic junction of two existing regional transmissions mains to support transmission f water from two existing alternative water supply facilities, exports to DeSoto County, and apability to support transmission from proposed future regional sources on the east side of the egional system.							
	Costs:	Total Project improvement PRMRWSA District Shar	otal Project Cost: \$1,275,000 (includes \$748,731 for facility acquisition of assets and \$526,269 for aprovements) RMRWSA Share: \$637,500 istrict Share: \$637,500							
				Evaluation						
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the C	FI Guidelines.			
Project Bo	enefit:	High	The Pro plan an SWUCA	oject supports the d d coordinate water A Recovery Priority	evelopment and us supply solutions ar to Maximize public	e of regional water s nd supports the South supply interconnecti	upply authorities to nern Regional ons.			
Cost Effective	eness:	High	The cos and pre Costs a	sts were based on a liminary design of r Ilso compared favor	in engineer's asses new yard piping and ably to estimates o	ssment conducted in d meter assembly co of new stand-alone pu	December 2019 nducted in 2015. ump station.			
Past Perform	nance:	High	Based u	upon an assessmei	nt of the schedule a	and budget for the 4 o	ongoing projects.			
Complementary E	fforts:	High	The Au DeSoto	thority is a wholesa , Manatee and Sara	e supplier of potab asota Counties and	le water to the custo the City of North Po	mers of Charlotte, rt.			
Project Read	iness:	High	Project	is ready to begin o	n or before Decemb	per 1, 2021.				
				Strategic Goal	s					
Strategic (Goals:	High	Strateg alternat Southe Recove	ic Initiative - Alter ive sources of wate rn Region Priority ry Strategy.	native Water Sup r to ensure ground : Implement South	plies: Increase devel water and surface wa ern Water Use Caution	opment of ater sustainability on Area (SWUCA)			
			Overall I	Ranking and Reco	mmendation					
Fund as a High Priority The pump station acquisition and improvements are necessary for operating a regional water supply transmission system that provides service to two counties. The project will alleviate the Authority's dependency on DeSoto County for the regular operation, routine maintenance, or emergency service of the regional pump station. The project is approximately half the cost of building a similar new station. The acquisition was presented to the Governing Board on August 2020, during which the Board referred the Authority to the routine CFI cycle.							egional water ill alleviate the intenance, or alf the cost of 3oard on August 25,			
	Funding									
Fundin	Funding Source Prior FY2022 Future Total									
District				\$0	\$637,500	\$0	\$637,500			
PRMRWSA				\$0	\$637,500	\$0	\$637,500			
T	otal			\$0	\$1,275,000	\$0	\$1,275,000			

Project No. Q268	Recl	claimed – BRU Taylor Road Area Transmission									
Braden River Utilities		FY2022									
Risk	Level:	Type 2			Multi-Ye	ear Contract: Yes, Yes	ear 1 of 2				
				Description							
Description: This pro reclaims supply a Taylor F funding approva			is for the ater mair oximately develop est is for he TPR	third-party review (ns, a SCADA system (2,400 residential h ment of Lakewood completion of third is required prior to i	TPR) and construct n, a pump station a omes, common are Ranch in Manatee -party review and i nitiating construction	and of approximately and other necessary a eas and a 27-hole go and Sarasota countien nitiating construction.	v 16,000 feet of appurtenances to If course within the es. The FY2022 . Governing Board				
Measurable Bo	enefit:	The contractual Measureable Benefit of this project will be the provisi the construction of a reclaimed water transmission line that will provid water to residential homes, a 27-hole golf course and common areas Area (MIA) of the Southern Water Use Caution Area (SWUCA). If the Governing Board, construction will be added the measureable benefit					esign package for d of reclaimed Most Impacted oproved by the				
(Costs:	Total Conce Braden Rive District: \$3,5 future years.	Total Conceptual Project Cost: \$7,100,000 (TPR and construction) Braden River Utilities: \$3,550,000 District: \$3,550,000 with \$1,050,000 requested in FY2022 and \$2,500,000 to be requested future years.								
				Evaluation							
Application Q	uality:	Medium	Applica District informa	Application included most of the required information identified in the CFI Guideline District PM had to work with the cooperator to obtain the remaining required information.							
Project Bo	enefit:	High	The ber hole go savings	nefit is the supply o If course and comm within the MIA of t	f 1.57 mgd of reclai non area irrigation f ne SWUCA.	imed water to resider or an anticipated 1.5	ntial homes, a 27- 7 mgd of water				
Cost Effective	eness:	High	The cap gallon a	bital cost/gpd is \$4.8 average for alternation	54 per gallon per da ve supplies.	ay which is lower that	n \$10 to \$15 per				
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and for 3 ongoing proj	jects.				
Complementary E	fforts:	High	Cooper and has environ	ator has a program s a pro-active reclai mental benefits.	in place that incluc med expansion pol	les meters and a volu icies which maximize	umetric rate-based a utilization and				
Project Read	iness:	Medium	Project	is ready to begin or	n or before March 1	, 2022.					
				Strategic Goal	S						
Strategic (Goals:	High	Strateg to reduc Southe Recove	jic Initiative - Recla ce demand on tradi ern Region Priority ery Strategy.	aimed Water: Max tional water supplie : Implement South	imize beneficial use d es. ern Water Use Cautio	of reclaimed water				
		(Overall I	Ranking and Reco	mmendation						
Fund as a High F	Priority	The TPR is a TPR, and wir proceed, sta This project	The TPR is anticipated to be completed in FY2022. Anticipating favorable information from the FPR, and with the understanding that the Governing Board will need to provide approval to proceed, staff recommends including funding for initiation of construction in the FY2022 budget. This project reduces groundwater pumping in the SWUCA and is cost-effective.								
				Funding							
Fundin	g Soui	ce		Prior	FY2022	Future	Total*				
District				\$0	\$1,050,000	\$2,500,000	\$3,550,000				
Braden River Utilities				\$0	\$1,050,000	\$2,500,000	\$3,550,000				
T	otal			\$0	\$2,100,000	\$5,000,000	\$7,100,000				

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q272	AWS	6 – PRMRW	SA Res	ervoir No. 3						
PRMRWSA		FY2022								
Risk	Level:	Type 2 Multi-Year Contract: No								
				Description						
Descri	Preliminary I Project. If co capacity or la Authority's ri intake, the re TPR as this 30% design engineering and a review complete 30 support fund	Engineer onstructe arger at t ver intak eservoir s project h will inclu of the re v of custo % design ing in fut	ing (30% design) a ed, the project will p the Peace River Wa e pumping capacity system, and the treat as a conceptual co de geotechnical test servoir embankmer on er demand project n and third-party rev ture years to complete the servoir servoir embankmer	nd third party revie rovide a third off-st ter Treatment Fac , and develop facil atment facilities. D nstruction estimate ting; mitigation per t and associated s ctions and needs. riew which will pro- ete design, permitt	w of the Peace River ream raw water rese ility in DeSoto County ity pipelines to conne istrict funding is for 3 e greater than \$5 milli- mitting assessments structures, river intake The FY2022 funding vide the necessary in ing and construction.	Reservoir No. 3 rvoir with 6 BG y, expand the ect with a new 0% design and on dollars. The ; preliminary e, and yard piping; request is to formation to				
Measurable Bo	enefit:	t: The contractual Measurable Benefit will be completion of a 30% design of the proposed pr expand off-stream storage and surface water supply capacity at the Peace River Facility.								
	Costs:	Total Project PRMRWSA: District Shar project cost based on the	Cost: \$ \$3,625, e: \$3,623 ncluding Authori	7,250,000 (30% des 000 5,000 with \$3,625,0 I design completion ty's Capital Improve	sign and TPR) 00 requested in F ¹ permitting, engine ement Plan.	(2022. A conceptual eering, and constructi	estimate of total ion is \$231,400,000			
				Evaluation						
Application Q	uality:	High	Applica	tion included all the	required informati	on identified in the CI	FI Guidelines.			
Project B	enefit:	HighThis project has the potential to meet reliability of supply for the Authority cu 20-year needs. The project supports the District's 2020 Strategic Plan initial alternative water supplies and the SWUCA Recovery Strategy objective.								
Cost Effective	eness:	High	The pre Reserve addition pump s	liminary design and oir No. 2 (F032) exp nal components incl tation expansion, a	l permitting costs a penses, adjusted fo uding a new intake nd wetland permitt	are consistent with the or 2020 dollars, and a e structure, raw water ing evaluation.	e Authority's idjusted for pipelines, transfer			
Past Perform	nance:	High	Based	upon an assessmer	t of the schedule a	and budget for the 4 c	ongoing projects.			
Complementary E	fforts:	High	The Au DeSoto	thority is a wholesa , Manatee and Sara	e supplier of potat asota Counties and	ble water to the custon I the City of North Po	mers of Charlotte, rt.			
Project Read	iness:	Medium	Project	is ready to begin or	or before March	1, 2022				
				Strategic Goal	s					
Strategic (Goals:	High	Strateg ground Southe Recove	jic Initiative: Increa water and surface v rn Region Priority ry Strategy.	se development o vater sustainability : Implement South	f alternative sources	of water to ensure on Area (SWUCA)			
			Overall	Ranking and Reco	mmendation					
Fund as a High F	Fund as a High Priority The Authority is requesting funds to complete the 30% design and a TPR. The results from the design and TPR will provide the District with better information to confirm the resource benefits, cost effectiveness, and implementation timing based on customer needs for project construction. The Authority and District have an ongoing Reservoir No. 3 feasibility and siting project (Q212) th will refine the conceptual project cost and storage capacities by December 2021. This 30% design of the project will continue through preliminary work and will provide the TPR in 2023. Contractually, the Authority will need Governing Board approval to proceed beyond 30% design and TPR.									
				Funding						
Fundin	g Soui	rce		Prior	FY2022	Future	Total			
District				\$0	\$3,625,000	\$112,075,000	\$115,700,000			
PRMRWSA				\$0	\$3,625,000	\$112,075,000	\$115,700,000			
T	otal			\$0	\$7,250,000	\$224,150,000	\$231,400,000			

Conceptual cost estimate, subject to Governing Board Approval

Project No. W105	SW I	MP – Water	Quality	y – Central Holn	nes Beach BMP	s - Phases F, G, ai	nd H	
City of Holmes Beach							FY2022	
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Yes	ear 1 of 3	
				Description				
Descri	ption:	Design, perr water quality	nitting, a dischar	nd construction of s ging to Tampa Bay,	tormwater retrofits a SWIM priority w	in the City of Holmes ater body.	Beach to improve	
Measurable Bo	enefit:	The contract retrofits to tro done in acco requirements	ual Meas eat appro ordance v s.	surable Benefit will oximately 30 acres with permitted plans	be the design, peri of highly urbanized s. There will be no	nitting, and construct stormwater runoff. C monitoring or perform	ion of stormwater construction will be nance testing	
(Costs:	Total project cost: \$1,537,500 (Design, permitting, construction) City of Holmes Beach: \$768,750 District: \$768,750, with \$256,250 requested in FY2022 and \$512,500 requested in futur						
				Evaluation				
Application Q	uality:	Medium	dium Application included most of the required information identified in the CFI Guidelines. District PM/CM had to work with cooperator to obtain remaining required information					
Project Bo	enefit:	High	The Resource Benefit of the project is the reduction of pollutant loads to Tampa Bay and Sarasota Bay, SWIM priority water bodies,by an estimated 284 lb/yr TN and 47 lb/yr TP. This project will also have ancillary flood protection benefits.					
Cost Effective	eness:	Medium	The est and \$47 range o	imated cost/lb of TI 75/lb. The estimate f \$1498 and \$4152	N removed is withir d cost/lb of TP rem /lb.	n the historical average noved is within the his	ge range of \$176 storical average	
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 2 c	ongoing projects.	
Complementary E	fforts:	High	Applica	nt has an active sto	ormwater utility that	collects fees.		
Project Read	iness:	Medium	Project	is ready to begin or	n or before March ?	l, 2022.		
				Strategic Goal	s			
Strategic (Goals:	High	Strateg implement Tampa and Lak	ic Initiative - Wate ent programs, proje Bay Region Prior (e Seminole.	er Quality Mainten ects and regulations ity: Improve Lake	ance and Improvem s to maintain and imp Fhonotosassa, Tampa	ent: Develop and rove water quality. a Bay, Lake Tarpon	
			Overall I	Ranking and Reco	mmendation			
Fund as a High F	Priority	This project is cost effective and improves water quality discharging to Tampa Bay, a SWIM priori water body. This project will also have ancillary flood protection benefits. The Governor's Executive Order 19-12 instructs the five water management districts to prioritize funding to focus or projects that will address harmful algal blooms and maximize nutrient reductions.						
				Funding				
Fundin	g Sou	rce		Prior	FY2022	Future	Total	
District				\$0	\$256,250	\$512,500	\$768,750	
City of Holmes Beach				\$0	\$256,250	\$512,500	\$768,750	
Т	otal			\$0	\$512,500	\$1,025,000	\$1,537,500	

Project No. W219	SW I	MP – Water	Quality	y – Anna Maria	BMPs Phase L					
City of Anna Maria							FY2022			
Risk	Level:	Туре 3			Multi-Y	ear Contract: No				
				Description						
Descri	ption:	Design, perr water quality	nitting, a dischar	nd construction of s ging to Tampa Bay	tormwater retrofits a SWIM priority w	in the City of Anna N ater body.	laria to improve			
Measurable Be	enefit:	The contract treat approxi accordance requirements	the contractual Measurable Benefit will be the design, permitting, and construction of LID B eat approximately 26 acres of highly urbanized stormwater runoff. Construction will be dor cordance with the permitted plans. There will be no monitoring or performance testing quirements.							
(Costs:	Total project City of Anna District: \$254	tal project cost: \$508,760 (design, permitting, construction) y of Anna Maria: \$254,380 strict: \$254,380							
				Evaluation						
Application Q	uality:	High	h Application included all the required information identified in the CFI Guidelines.							
Project Be	enefit:	High	The Resource Benefit of the Project is the reduction of pollutant loads to Tampa Bay, a SWIM priority water body, by an estimated 116 lbs/yr TN, and 20 lbs/yr TP. Project also includes ancillary flood protection benefits.							
Cost Effective	eness:	Medium	The est and \$47 \$1498/I	imated cost/lb of Tl 75/lb. The estimate b.	N removed is betw d cost/lb of TP rer	een the historical cos noved is below the his	t averages of \$176 storical average of			
Past Perform	ance:	High	Based (upon an assessmei	nt of the schedule	and budget of the 1 o	ngoing project.			
Complementary E	fforts:	High	The Cit	y of Anna Maria ha	s an active stormw	ater utility that collect	s fees.			
Project Read	iness:	High	Project	is ready to begin o	n or before Decem	ber 1, 2021.				
				Strategic Goal	S					
Strategic (Goals:	High	Strateg implement Tampa and Lak	lic Initiative - Wate ent programs, proje Bay Region Prior & Seminole.	er Quality Mainter acts and regulation ity: Improve Lake	ance and Improvem s to maintain and imp Thonotosassa, Tamp	nent: Develop and prove water quality. a Bay, Lake Tarpon			
			Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	This project water body. Order 19 -12 that will addr	This project is cost effective and improves water quality discharging to Tampa Bay, a SWIM priority water body. This project will also have ancillary flood protection benefits. 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						
Fundin	g Soui	rce	ce Prior FY2022 Future Total							
District				\$0	\$254,380	\$0	\$254,380			
City of Anna Maria				\$0	\$254,380	\$0	\$254,380			
Te	otal			\$0	\$508,760	\$0	\$508,760			

Project No. W647	Rest	oration – Pl	hillippi	Creek Stream Ro	estoration					
Sarasota County							FY2022			
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Ye	ear 1 of 3			
				Description						
Description: Design, permitting ar involves stream bank systems and provide watershed, a SWIM easement over the p				Ig and construction for the Phillippi Creek Stream Restoration Project. The project bank restoration and native vegetation plantings which will enhance natural wide ancillary water quality benefits. This project is within the Sarasota Bay VIM priority water body. The cooperator will be required to convey a conservation he project area to the District.						
Measurable Be	enefit:	The contract stream bank	ual Mea: . Constru	surable Benefit will uction will be done i	be the restoration on accordance with	or enhancement of 7, the permitted plans.	000 linear feet of			
(Costs:	Total project Sarasota Co District: \$700 future years.	otal project cost: \$1,400,000 (design, permitting, construction) arasota County: \$700,000 istrict: \$700,000 with \$200,000 requested in FY2022 and \$500,000 anticipated to be requested iture years.							
				Evaluation						
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CF	I Guidelines.			
Project Be	enefit:	High	The Resource Benefit of the project is the restoration or enhancement of approximately 7,000 linear feet of stream bank within the Sarasota Bay watershed, a SWIM priority water body.							
Cost Effective	eness:	High	h The estimated cost per linear feet of restored shoreline is less than the historical average of \$269/linear foot.							
Past Perform	ance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 4 o	ngoing projects.			
Complementary E	fforts:	High	Applica maintai campai that ma	nt has a land mana ns nature parks witl gn on conservation intain natural syste	gement plan for pro nin its park system, and stormwater, a ms and improve wa	operty involved in CF manages an active end provides other cor ater quality.	l application, education nplementary efforts			
Project Read	iness:	High	Project	is ready to begin or	n or before Decemb	per 1, 2021.				
				Strategic Goal	S					
Strategic 0	Goals:	High	Strateg of natur Southe Shell/Pr	ic Initiative - Cons al ecosystem for th rn Region Priority rairie/Joshua creeks	e benefit of water a e benefit of water a : Improve Charlotte s.	toration: Restoration and water-related reso e Harbor, Sarasota Ba	and maintenance purces. ay and			
			Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	This project and provide waterbody.	This project is cost effective and will restore and enhance streambanks, improve natural systems and provide ancillary water quality benefits within the Sarasota Bay watershed, a SWIM priority waterbody.							
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$200,000	\$500,000	\$700,000			
Sarasota County				\$0	\$200,000	\$500,000	\$700,000			
Te	otal			\$0	\$400,000	\$1,000,000	\$1,400,000			

Project No. Q257	Stud	tudy – Sarasota County System-Wide Wellfield Improvements									
Sarasota County							FY2022				
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No					
Description											
Description: A comprehensive s the University Park Osmosis Water Tre and well performan and rotational sche a future well rehabi				ve System-wide Wellfield Assessment & Improvement Plan (WAIP) of wells within Parkway (UP), Carlton Memorial Reserve (CMR), and Venice Gardens Reverse Treatment Plant (VGROWTP) wellfields. It will include (1) a baseline water quality mance assessment of wells within the three wellfields and (2) operational guideline chedule development for each wellfield. The WAIP will establish the framework for mabilitation effort.							
Measurable Bo	surable Benefit: The contractual Measurable Benefit will be completion of a WAIP to impro operation, maximize protection of groundwater resources, and identify futu- priorities.						iciency of wellfield ell rehabilitation				
(Costs: Total project cost: \$150,000 (study) Sarasota County: \$75,000 District: \$75,000 with \$75,000 requested in FY2022										
				Evaluation							
Application Q	uality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.								
Project Be	enefit:	Medium	The benefit of this project is development of data-driven operational guidelines for the wellfields to maximize efficiency and groundwater resource protection. The WAIP will be the basis for the implementation of a future well rehabilitation program for wells identified in the baseline assessment that require redevelopment, acidization, back-plugging, casing modification, or other rehabilitation.								
Cost Effective	eness:	High	The pro	ject costs are cons	istent with similar p	orojects.					
Past Perform	nance:	High	Based	upon an assessmei	nt of the schedule a	and budget for the 4 o	ongoing projects.				
Complementary E	fforts:	High	Applica collects further Ordinar officers	nt has the complim fees, and various of the objectives of flo nce, and irrigation ro	entary efforts of an ordinances includin odplain manageme estrictions which ar	active stormwater U g a Land Developme ent, a Water-Efficient re enforced by code e	tility Program that ent Ordinance to Landscape enforcement				
Project Read	iness:	High	Project	is ready to begin or	n or before Deceml	ber 1, 2021.					
				Strategic Goal	s						
Strategic (Goals:	High	Strateg data to resource Southe Recove	jic Initiative - Wate determine local and the management dec ern Region Priority ery Strategy.	er Quality Assesser d regional water qu disions and restorat : Implement South	nent and Planning: ality status and trend ion initiatives. ern Water Use Cauti	Collect and analyze Is to support on Area (SWUCA)				
		(Overall	Ranking and Reco	mmendation						
Fund as a Medium F	Priority	The WAIP will provide system-wide wellfield operation guidelines that will optimize the County's ability to manage existing resources and infrastructure, as well as maximize efficient use of groundwater resources. It will establish the framework and priorities for a well rehabilitation program to be implemented in future years, which will further protect groundwater resources.									
	Funding										
Fundin	g Soui	rce		Prior	FY2022	Future	Total				
District				\$0	\$75,000	\$0	\$75,000				
Sarasota County				\$0	\$75,000	\$0	\$75,000				
Te	otal			\$0	\$150,000	\$0	\$150,000				

Project No. Q265	Cons Proje	onservation – North Port Water Distribution Ridgewood/Lamplighter Area Looping roject								
City of North Port							FY2022			
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No				
Description										
Description: Construction of app necessary to elimin conservation project water circulation in				oximately 4,900 fee te system dead end and will reduce rou te central area of th	t of new potable wa s. This is consider tine flushing in two e City.	ater lines and associa ed a utility-based sup areas by allowing po	ated components pply side table			
Measurable Bo	enefit:	The contract approximate system dead	The contractual Measurable Benefit will be the completion of a final report and the construct approximately 4,900 feet of new water lines and associated components to eliminate distribution system dead-ends. Construction will be done in accordance with the permitted plans.							
(Costs:	Total Project City of North District: \$173	Total Project Cost: \$347,900 (construction) City of North Port: \$173,950 District: \$173,950							
			_	Evaluation						
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CI	FI guidelines.			
Project Bo	enefit:	High	The ber Souther	nefit of this project i m Water Use Cauti	s an estimated 14, on Area (SWUCA).	498 gallons per day o	conserved in the			
Cost Effective	eness:	Medium	Project	cost effectiveness i	s between \$3.01 a	nd \$6.00 per thousar	nd gallons saved.			
Past Perform	nance:	High	Based of	on an assessment o	of the schedule and	I budget for the 2 ong	joing projects			
Complementary E	fforts:	High	Applica	nt has an adjusted	gross per capita le	ss than or equal to 80) gpcd.			
Project Read	iness:	Medium	Project	is ready to begin o	n or before March ?	1, 2022				
				Strategic Goal	s					
Strategic (Goals:	High	Strateg ensure Southe Recove	ic Initiative - Cons beneficial use. rn Region Priority ry Strategy.	ervation: Enhance: Implement South	e efficiencies in all wa	ater-use sectors to on Area (SWUCA)			
		(Overall I	Ranking and Reco	mmendation					
Fund as a Medium F	Priority	Project will c	onserve	potable water in the	e SWUCA and is c	ost effective.				
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$173,950	\$0	\$173,950			
City of North Port				\$0	\$173,950	\$0	\$173,950			
T	otal			\$0	\$347,900	\$0	\$347,900			

Project No. Q237	DAR	AR – Sarasota County Dona Bay Phase 3 Aquifer Recharge										
Sarasota County							FY2022					
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Ye	ar 1 of 2					
				Description								
Description: Third-party review an eventual injecti aquifer recharge s the excess freshw cooperatively fund funded feasibility s the project will req project.				PR), design, permit goal of 25-45 mgd em will aid in the re r flow to Dona Bay. Dona Bay Phase 1 dy plans on constru e TPR to provide th	ting, and construct of surface water fro storation of hydrolo This project is the (N424) and Phase ction of up to three e information nece	ion of an aquifer recha om Cow Pen Slough. I ogic watershed conditi next phase that integr e 2 (N786) projects. Th recharge wells at buil ssary to support the \$;	arge system with f constructed, the ons and decrease rates existing ne County's self- d out. If funded, 20,090,000					
Measurable Be	enefit:	The contract 25-45 MGD to Dona Bay	The contractual measurable benefit, if constructed, will be recharge to the Upper Floridan aquifer 25-45 MGD for improvement of water levels in the SWUCA and removal of excess freshwater flow o Dona Bay.									
(Costs:	Total project cost: \$20,090,000 (TPR, design, permitting, and construction) Sarasota County: \$10,045,000 District: \$10,045,000 with \$45,000 requested in FY2022 and 10,000,000 anticipated to be requested in future years.										
Evaluation												
Application Q	uality:	Medium	Application included most of the required information identified in the CFI Guidelines. District PM/CM had to work with the County to obtain remaining required information.									
Project Bo	enefit:	High The resource benefit of this project is the reduction of pollutant loads to Dona Ba an estimated 73,000 lbs/yr TN. This project also includes the benefits of removir to 45 mgd of excess fresh water from Dona Bay in accordance with the watershe management plan. The project is also anticipated to maintain or improve water quality in the Carlton Memorial Reserve Wellfield and improve water levels in the SWLICA										
Cost Effective	eness:	Medium	Costs a	re consistent with s	imilarly funded Dis	trict projects.						
Past Perform	ance:	High	Based of	on the assessment	of the schedule and	d budget for the 4 ong	oing projects.					
Complementary E	fforts:	High	The Co	unty has an active s	stormwater utility th	at collects fees.						
Project Read	iness:	High	Project	is ready to begin be	efore December 1,	2021.						
			r	Strategic Goal	S							
Strategic (Goals:											
			Overall I	Ranking and Reco	mmendation							
Low Priority Not Recomm for fu	ended unding	The project i Facility. Pro reservoir for	s premat ject N78 use in th	ture based on delay 6 is required to be o le proposed Q237 F	s with Project N78 constructed to conv Phase 3 project.	6, Dona Bay Surface \ ey water to the Venice	Water Storage e Minerals					
				Funding								
Fundin	g Sou	rce		Prior	FY2022	Future	Total					
District				\$0	\$45,000	\$10,000,000	\$10,045,000					
Sarasota County				\$0	\$45,000	\$10,000,000	\$10,045,000					
Т	otal			\$0	\$90,000	\$20,000,000	\$20,090,000					

Project No. Q276	AWS	WS – Venice RO Water Treatment Plant Efficiency Expansion									
City of Venice							FY2022				
Risk	Level:	Туре 2			Multi-Y	ear Contract: Yes, Y	ear 1 of 2				
				Description							
Descri	ption:	Design and o increase trea recovery dur	construct atment re ing peak	tion of a second-pa ecovery to 75% for a demands.	ion of a second-pass RO component for two existing RO skids which would covery to 75% for half the plant with the other half still functioning at 50% demands.						
Measurable Be	enefit:	The contract to achieve 7	e contractual Measurable Benefit will be the design and construction of RO plant improvement achieve 75% treatment efficiency for half the plant.								
	Costs:	Total project City of Venic District: \$1,6 requested in	otal project cost: \$3,300,000 (Design, Permitting and Construction) Dity of Venice: \$1,650,000; District: \$1,650,000 with \$150,000 requested in FY2022, and \$1,500,000 anticipated to be equested in future years.								
			-	Evaluation							
Application Q	uality:										
Project Be	enefit:										
Cost Effective	eness:										
Past Perform	nance:										
Complementary E	fforts:										
Project Read	iness:										
				Strategic Goal	S						
Strategic (Goals:										
		(Overall	Ranking and Reco	mmendation						
Not Recomm	ended	This project supports mu	is not reo Iti-jurisdi	commended for fun ctional developmer	ding as it is incons t of alternative wa	istent with the CFI Bo ter supplies.	oard Policy, which				
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$0	\$150,000	\$1,500,000	\$1,650,000				
City of Venice				\$0	\$150,000	\$1,500,000	\$1,650,000				
T	otal			\$0	\$300,000	\$3,000,000	\$3,300,000				

Project No. Q277	Stud	udy – Sarasota Bay Septic to Sewer Water Quality Study									
Sarasota County							FY2022				
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No					
Description											
Descri	ption:	Feasibility stu facilities curre system.	Feasibility study to identify the best options for converting residential dwellings and commercial facilities currently serviced by septic systems to a centralized wastewater collection and treatment system.								
Measurable Be	enefit:	The measure	able be	nefit will be the con	pletion of a feasibi	lity study.					
(Costs:	Total Project District: \$2,5 Sarasota: \$2	Total Project Cost: \$5,000,000 District: \$2,500,000 Sarasota: \$2,500,000								
				Evaluation							
Application Q	uality:										
Project Be	enefit:										
Cost Effective	Cost Effectiveness:										
Past Perform	nance:										
Complementary E	fforts:										
Project Read	iness:										
				Strategic Goal	s						
Strategic (Goals:										
		(Overall	Ranking and Reco	mmendation						
Not Recomm	Not Recommended This project is not recommended for funding as 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 a springs PFA or a BMAP.						2 CFI Guidelines ss issues within a area as identified of a springs PFA of				
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$0	\$2,500,000	\$0	\$2,500,000				
Sarasota County				\$0	\$2,500,000	\$0	\$2,500,000				
Te	otal			\$0	\$5,000,000	\$0	\$5,000,000				

Project No. W646	SW I	MP – Water	Quality	y – City of Saras	ota Created Wet	lands System			
City of Sarasota							FY2022		
Risk	Level:	Type 2			Multi-Ye	ear Contract: No			
				Description					
Descri	ption:	Construction Golf Course Sarasota Ba	of an ap on prope y, a SWI	approximately 18 acre treatment wetlands system adjacent to the Bobby Jones operty owned by the City of Sarasota to improve water quality discharging to WIM priority water body.					
Measurable Bo	enefit:	The contract runoff from a accordance requirements	ual Meas pproxim with the s.	surable Benefit will ately 5,800 acres o permitted plans. Th	it will be the construction of a treatment wetland system to treat res of urbanized watershed. Construction will be done in is. There will be no monitoring or performance testing				
(Costs: Total project cost \$3,023,070 (construction) City of Sarasota share \$1,511,535 District share \$1,511,535								
				Evaluation					
Application Q	uality:	High	Application included all the required information identified in the CFI Guidelines.						
Project Bo	enefit:	High	The Resource Benefit of the project is the reduction of pollutant loads to Sarasota Bay, a SWIM priority water body, by an estimated 906 lbs/yr TN and 336 lbs/yr T This project will also provide ancillary natural systems benefits.						
Cost Effective	eness:	High	High The estimated cost/lb of TN removed is below the historical average of \$176/lb and the estimated cost/lb of TP removed is below the historical average \$1,498/lb.						
Past Perform	nance:	High	High Based on the cooperator having no ongoing projects with the District they are ranked high.						
Complementary E	fforts:	Medium	Applica waste c	nt has a stormwate ordinance, and enfo	r maintenance prog rcement of the Cou	gram, a street sweep inty fertilizer ordinand	ing program, a pet ce.		
Project Read	iness:	High	Project	is ready to begin o	n or before Decemb	per 1, 2021.			
				Strategic Goal	s				
Strategic (Goals:	High	Strateg impleme Southe Shell/Pr	jic Initiative - Wate ent programs, proje rn Region Priority rairie/Joshua creek	r Quality Mainten octs and regulations : Improve Charlotte s.	ance and Improvem s to maintain and imp e Harbor, Sarasota B	ent: Develop and rove water quality. ay and		
			Overall I	Ranking and Reco	mmendation				
Fund as a High F	Fund as a High Priority This project is cost effective, and removes a significant amount of nutrients to improve water qualit discharging to Sarasota Bay, a SWIM priority waterbody. The project will also have ancillary natural systems benefits. 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 and this project is consistent with that directive.								
				Funding					
Fundin	g Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$1,511,535	\$0	\$1,511,535		
City of Sarasota				\$0	\$1,511,535	\$0	\$1,511,535		
Total \$0 \$3,023,070 \$0 \$3,023							\$3,023,070		

Tampa Bay Region FY2022 Cooperative Funding Initiative Final Evaluations and Rankings

Project No. Q011	WMF	VMP – Pithlachascotee/Bear Creek WMP									
Pasco County							FY2022				
Risk	Level:	Туре 4			Multi-Ye	ear Contract: Yes, Y	ear 3 of 3				
Description											
Description: Complete a Waters Watershed in Pasc of service (LOS) de funding will be used				atershed Management Plan (WMP) update for the Pithlachascotee River/Bear Creek Pasco County, through and including watershed evaluation, floodplain analysis, level S) determination, and best management practice (BMP) alternative analysis. FY2022 used to complete the floodplain analysis and alternative analysis.							
Measurable Be	enefit:	The contract floodplains, e	ual Mea: establish	surable Benefit will I es LOS, and evalua	be the completion tes BMPs to addre	of an updated WMP tess flooding concerns	that identifies in the watershed.				
(Costs:	Total project Pasco Count District: \$800	Fotal project: \$1,600,000 Pasco County: \$800,000 District: \$800,000 with \$500,000 budgeted in previous years and \$300,000 requested in FY2022.								
				Evaluation							
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CF	-I Guidelines.				
Project Be	enefit:	Medium Identification of flooding problems that exist in the watershed and solutions flood analysis models are available and are from 5 to 10 years old, and the includes regional or intermediate stormwater systems.									
Cost Effective	st Effectiveness:Project cost per square mile is in the medium range of historic costs (less the 22,000/sq mi) for WMP updates completed in mixed urban/rural watersheds effectiveness for multi-year projects is based upon the metrics in place when was originally approved.						ts (less than atersheds. Cost lace when project				
Past Perform	ance:	Medium	Based u	upon an assessmen	t of the schedule a	and budget for the 19	ongoing projects.				
Complementary E	fforts:	Medium	Cooper	ator's Community R	ating System class	s is 6 and is in the 6 t	o 9 range.				
Project Read	iness:	High	Project	is ongoing and on s	chedule.						
				Strategic Goals	;						
Strategic (Goals:	High	HighStrategic 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.Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersbeds								
		(Overall I	Ranking and Reco	nmendation						
Fund as 1A F	Priority	This ongoing old. The resu that alleviate	project Iting pro flood ris	updates flood risk ir oduct will be utilized sk, and enhance the	an area with exis for flood zone dete planning of future	ting flood analysis that ermination, to help im development in the p	at is 5 to 10 years plement solutions project area.				
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$500,000	\$300,000	\$0	\$800,000				
Pasco County				\$500,000	\$300,000	\$0	\$800,000				
Т	otal			\$1,000,000	\$600,000	\$0	\$1,600,000				

Project No. Q013	WMF	WMP – Hammock Creek WMP									
Pasco County							FY2022				
Risk	Level:	Type 4			Multi-Ye	ear Contract: Yes, Y	ear 3 of 3				
				Description							
Description: Complete a Watershe County, through and service (LOS) determ funding will be used t				ed Management Pla including watershea nination, and best m to complete the WM	n (WMP) for the H d evaluation, flood anagement praction P and BMP analys	lammock Creek Wate blain analysis, peer re ces (BMP) alternative sis.	ershed in Pasco eview, level of e analysis. FY2022				
Measurable Be	enefit:	The Measura LOS, and ev	able Ben aluates f	efit will be the comp flooding concerns ir	letion of a WMP the the watershed.	nat identifies floodpla	in, establishes				
(Costs:	Total project Pasco Coun District: \$900	Fotal project cost: \$1,800,000 Pasco County: \$900,000 District: \$900,000 with \$600,000 budgeted in previous years and \$300,000 requested in FY2022.								
				Evaluation							
Application Q	uality:	High	gh Application included all the required information identified in the CFI Guidelines.								
Project Be	enefit:	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:	Medium	Project cost per square mile is in the medium range of historic costs (\$30,001 - \$50,000/sq mi) for urban WMPs. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.								
Past Perform	nance:	Medium	ledium Based upon an assessment of the schedule and budget for the 19 ongoing projects.								
Complementary E	fforts:	Medium	Cooper	ator's Community R	ating System class	s is 6 and is in the 6 t	o 9 range.				
Project Read	iness:	High	Project	is ongoing and on s	chedule.						
				Strategic Goal	6						
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 determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County exactly waterached. 								
			Overall I	Ranking and Reco	mmendation						
Fund as 1A F	Priority	This ongoing resulting pro alleviate floo the project a	l project duct will d risk an rea.	identifies flood risk be utilized for flood id improve water qu	in an area with no zone determinatio ality, and to enhan	detailed study inform n, to help implement ce the planning of fut	ation available. The solutions that ture development in				
				Funding							
Fundin	g Soui	rce		Prior	FY2022	Future	Total				
District				\$600,000	\$300,000	\$0	\$900,000				
Pasco County				\$600,000	\$300,000	\$0	\$900,000				
Т	otal			\$1,200,000	\$600,000	\$0	\$1,800,000				

Project No. Q130	Stud	dy – Nutrient Source Tracking									
Pinellas County							FY2022				
Risk	Level:	Туре 3			Multi-	/ear Contract: Yes, Y	ear 3 of 3				
				Description							
Description: Review existing wate McKay Creek, Allen's development of a cor				watershed data and conduct additional sampling to assess nutrient loading into the Allen's Creek, and Curlew Creek watersheds using isotope analysis and a conceptual plan to reduce the nutrient sources.							
Measurable Be	enefit:	The contract	The contractual Measurable Benefit will be the completion of this study.								
(Costs:	Total Project Pinellas Cou District: \$100	otal Project Cost: \$200,000 (Study) Pinellas County: \$100,000 District: \$100,000 with \$85,000 budgeted in previous years and \$15,000 requested in FY2022.								
				Evaluation							
Application Q	uality:	High	High Application included all the required information identified in the CFI Guide								
Project Bo	enefit:	High	The benefit of this project is the identification of nutrient loading into the McKay Creek, Allen's Creek, and Curlew Creek watersheds. All three watersheds are impaired for nutrients and McKay Creek and Curlew Creek have nutrient TMDL place. Curlew Creek watershed drains into northern Clearwater Harbor, McKay watershed drains to southern Clearwater Harbor, and Allen's Creek watershed to Old Tampa Bay, a SWIM Priority Waterbody.								
Cost Effective	eness:	High	The cos	st effectiveness for t	his study is com	parable to past projects	δ.				
Past Perform	nance:	High	Based u	upon an assessmen	t of the schedule	and budget for the 14	ongoing projects.				
Complementary E	fforts:	High	Applica	nt has an active sto	rm water utility th	at collects fees.					
Project Read	iness:	High	Project	is ongoing and on s	chedule.						
				Strategic Goals	5						
Strategic (Goals:	High	Strateg data to resourc Tampa and Lak	ic Initiative - Wate determine local and e management dec Bay Region Priori & Seminole.	r Quality Asses regional water of isions and restor ty: Improve Lake	sment and Planning: uality status and trend ation initiatives. Thonotosassa, Tamp	Collect and analyze is to support a Bay, Lake Tarpon				
			Overall I	Ranking and Reco	mmendation						
Fund as 1A F	Priority	The ongoing Clearwater H	study is Harbor ar	cost effective and v nd Old Tampa Bay,	vill continue to as a SWIM priority	sess nutrients dischar vater body.	ging into				
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$85,000	\$15,00	\$0	\$100,000				
Pinellas County				\$85,000	\$15,00	\$0	\$100,000				
Т	otal			\$170,000	\$30,00	0 \$0	\$200,000				

Project No. Q149	WMF	VMP – Coastal Zone 5 Watershed Management Plan									
Pinellas County							FY2022				
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Yes	ear 2 of 3				
				Description							
Description: Complete a W County, throug determination, alternatives ar				ed Management Pla including watershe æ water resource a FY2022 funding w	an (WMP) for the C d evaluation, flood ssessment (SWRA Il be used to condu	coastal Zone 5 Waters blain analysis, level o), and best managem uct the floodplain ana	shed in Pinellas f service (LOS) nent practice (BMP) lysis.				
Measurable Be	enefit:	The contract establishes I concerns in f	ractual Measurable Benefit will be the completion of a WMP that identifies floodplains, les LOS, performs SWRA, and evaluates BMPs to address flooding and water quality s in the watershed.								
(Total project Pinellas Cou District: \$287 \$100,000 an	cost: \$5 inty: \$28 7,500 wit ticipated	75,000 7,500 n \$75,000 budgeted in previous years, \$112,500 requested in FY2022, and to be requested in future years.								
				Evaluation							
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CF	I Guidelines.				
Project Be	enefit:	High	The WMP will analyze flooding problems that exist in the watershed. Currently, analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.								
Cost Effective	eness:	Medium	Project cost per square mile is in the medium range of historic costs (between \$69,000 and \$93,500/sq mi) for WMPs completed in urban watersheds. The high cost for this urban watershed is justified due to the flooding in the watershed over past few years and priority to have reasonable floodplain results incorporating modeling of the adjacent watershed studies in Pinellas County.								
Past Perform	nance:	High	Based	upon an assessmer	t of the schedule a	and budget for the 14	ongoing projects.				
Complementary E	fforts:	High	Cooper	ator's Community F	ating System class	s is 5 and is in the 5 c	or less range.				
Project Read	iness:	High	The pro	ject is ongoing and	on schedule.						
				Strategic Goal	S						
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 determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds. 								
			Overall	Ranking and Reco	mmendation						
Fund as 1A F	Priority	This ongoing available, an implement so of future dev	project d the resolutions elopmer	identifies flood risk sulting product will that that alleviates flood at in the Coastal Zor	in an urban area w be utilized for flood risk and improve v he 5 Watershed.	ith no detailed study insurance determina vater quality, and enh	information tion, will help lance the planning				
				Funding							
Fundin	g Soui	rce		Prior	FY2022	Future	Total				
District				\$75,000	\$112,500	\$100,000	\$287,500				
Pinellas County				\$75,000	\$112,500	\$100,000	\$287,500				
Т	otal			\$150,000	\$225,000	\$200,000	\$575,000				

Project No. Q163	WMF	NMP – Seminole Stormwater Master Plan Update and Infrastructure Assessment									
City of Seminole							FY2022				
Risk	Level:	Туре 4			Multi-Ye	ear Contract: Yes, Y	ear 2 of 2				
				Description							
Description: Complete a Wate through and inclu analysis, Level of alternative analysis and BMP analysis				atershed Management Plan (WMP) for the City of Seminole in Pinellas County, cluding watershed evaluation including a full stormwater inventory, floodplain of Service determination (LOS), and Best Management Practices (BMPs) lysis. FY2022 funding will be utilized to develop the Watershed Management Plan ysis.							
Measurable Be	enefit:	efit: The contractual Measurable Benefit will be the completion of a WMP that identifies f establishes LOS, and evaluates BMPs to address flooding concerns in the City of So Watershed.									
(Costs:	Total project City of Semin District: \$250	Total project cost: \$500,000 City of Seminole: \$250,000 District: \$250,000 with \$125,000 budgeted in previous years and \$125,000 requested in FY20								
	Evaluation										
Application Q	uality:	High	High Application included all of the required information identified in the CFI guidelin								
Project Be	enefit:	High	The WMP will analyze flooding problems that exist in the watershed. Currently, the flood analysis models are not available or over 10 years old, and the watershed includes regional or intermediate stormwater systems. The City watershed is one the District's top 20 priority watersheds for WMP updates.								
Cost Effective	ness:	Medium	edium Project cost per square mile is in the medium range for costs (between \$66,001 and \$87,000/sq mi) for WMPs completed in urban watersheds.								
Past Perform	ance:	High	Based of high.	on the cooperator h	aving no ongoing p	projects with the Distr	ict they are ranked				
Complementary E	fforts:	Low	Cooper	ator does not partic	ipate in the Comm	unity Rating System.					
Project Read	iness:	High	Project	ongoing and on scł	nedule.						
				Strategic Goal	S						
Strategic (Goals:	High	Strateg determi to supp Tampa and Lak	ic Initiative - Flood ne local and region ort floodplain mana Bay Region Priori & Seminole.	dplain Manageme al floodplain inform gement decision ai ty: Improve Lake 기	nt: Collect and analy ation, flood protectio nd initiatives. Thonotosassa, Tamp	ze data to n status and trends a Bay, Lake Tarpon				
			Overall I	Ranking and Reco	mmendation						
Fund as 1A F	Priority	This ongoing project identifies flood risk in an area that does not have a flood risk model. 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 higher cost for this urban watershed is justified due to the lack of infrastructure information required to create the best floodplain data in this highly urbanized area.									
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$125,000	\$125,000	\$0	\$250,000				
City of Seminole				\$125,000	\$125,000	\$0	\$250,000				
Т	otal			\$250,000	\$250,000	\$0	\$500,000				

Project No. Q171	Stud	Study – McKay Creek Model Update, Alternatives Analysis and Feasibility Study									
Pinellas County		FY2022									
Risk	Level:	Туре 3			N	/lulti-Ye	ear Contract: Yes, Y	ear 2 of 2			
Description											
Descri	Develop a P Practices (Bl as recomme Analysis (N3 flood protect requirements	Preliminary Engineering Report (PER) that evaluates proposed Best Management BMP) in the McKay Creek Watershed in Pinellas County. These projects were identified rendations in the prior McKay Creek Best Management Practices (BMP) Alternatives V373) and other studies. The project will provide more detail and refine water quality and ection benefits, project costs, property rights/acquisition needs, and permitting/mitigation ints for proposed BMPs.									
Measurable Be	enefit:	The contract alternatives	ual Mea to reduce	leasurable Benefit will be the completion of the study and a PER that evaluates duce flooding and improve water quality within the McKay Creek Watershed.							
(Costs:	Total project Pinellas Cou District: \$260	cost: \$5 nty: \$26),000 wit	20,000 (study) 0,000 h \$130,000 budget	ed in previo	us year	rs and \$130,000 requ	lested in FY2022.			
				Evaluation							
Application Q	uality:	High	Applica	tion included all the	required in	formatio	on identified in the C	FI Guidelines.			
Project Be	Medium	The pro for flood are ava interme	ject benefit is a stu d protection and wa ilable and are from diate stormwater sy	dy that will e ter quality ir 5 to 10 yea /stems.	evaluate nprove rs old, a	e stormwater improvement. Currently, floo and the watershed in	ement alternatives d analysis models cludes regional or				
Cost Effectiveness: Medium			Project cost per square mile is greater than historic costs for model updates with an alternative analyses. Costs are comparable to other feasibility studies. Project combines elements of each of these project types.								
Past Performance: High Based u				upon an assessmer	nt of the sch	edule a	and budget for the 14	ongoing projects.			
Complementary E	fforts:	High	Cooper	ator's Community F	Rating syste	m class	s is 5 and is in the 5 o	or less range.			
Project Read	iness:	High	Project	is ongoing and on s	schedule.						
				Strategic Goal	S						
Strategic (Goals:	High	 Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trend to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analy data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpo and Lake Seminole. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersbeds. 								
			Overall	Ranking and Reco	mmendatio	on					
Fund as 1A F	Priority	This ongoing project will complete a study to evaluate and further define solutions to reduce flooding and improve water quality in the McKay Creek Watershed. It uses an existing watershed model and recommendations from the McKay Creek WMP (N373) Alternatives Analysis as well as other studies. The project combines elements of an alternatives analysis and a feasibility study; costs are comparable to typical feasibility studies.									
				Funding							
Fundin	g Sou	rce		Prior	FY202	22	Future	Total			
District				\$130,000	\$13	30,000	\$0	\$260,000			
Pinellas County				\$130,000	\$13	30,000	\$0	\$260,000			
Т	otal			\$260,000	\$2	60,000	\$0	\$520,000			

Project No. Q196	Stud	Study – Joe's Creek Model Update, Alternatives Analysis and Feasibility Study								
Pinellas County							FY2022			
Risk	Level:	Туре 3			Multi-	'ear Contract: Yes, Y	ear 2 of 3			
				Description						
Description: Develop a Prelimina practices (BMPs) in the prior Joe's Cree Analysis (N516). Stu and flood protection permitting/mitigation				inary Engineering Report (PER) that evaluates proposed best management in the Joe's Creek Watershed in Pinellas County. The projects were identified in eek Watershed Improvement Plan Best Management Practice (BMP) Alternatives Study will refine the model, provide more detail for water quality, natural systems on benefits, project costs, property rights/acquisition needs, and ion requirements for proposed BMPs.						
Measurable Benefit: The contractual M Engineering Reponsation Repo				I Measurable Benefit will be the completion of the study and a Preliminary eport to evaluate alternatives to reduce flooding, improve water quality and enhance s within the Joe's Creek Watershed.						
	Costs:	Total project Pinellas Cou District: \$360 \$90,000 anti	cost: \$7 inty: \$36 0,000 wit icipated t	6720,000 (study) 60,000 vith \$180,000 budgeted in previous years, \$90,000 requested in FY2022 and I to be requested in future years.						
				Evaluation						
Application Q	uality:	High	Applica	tion included all the	required informa	tion identified in the Cl	FI Guidelines.			
Project Be	enefit:	Medium	The pro for flood are ava interme	ject benefit is a stud l protection and wa ilable, are less than diate stormwater sy	dy that will evalua er quality improv 5 years old, and stems.	te stormwater improve ement. Currently, flood the watershed include	ement alternatives analysis models regional or			
Cost Effective	Cost Effectiveness: MediumProject cost per square mile is greater than historic costs for model update alternative analyses. Costs are comparable to other feasibility studies. Pro combines elements of both project types.						l updates with an lies. Project			
Past Perform	ance:	High	Based u	upon an assessmer	t of the schedule	and budget for the 14	ongoing projects.			
Complementary E	fforts:	High	Cooper	ator's Community R	ating system cla	ss is 5 and is in the 5 c	or less range.			
Project Read	iness:	High	Project	is ongoing and on s	chedule.					
			1	Strategic Goal	\$					
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 determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County encoded water back 							
		1	Overall I	Ranking and Reco	mmendation					
Fund as 1A F	Fund as 1A Priority This ongoing project will complete a study to evaluate and further define solutions to reduce flooding, improve water quality and enhance natural systems in the Joe's Creek Watershed. It use an existing watershed model and recommendations from the Joe's Creek BMP Alternatives Analysis. The project combines elements of a model update, alternatives analysis and a feasibility study.									
				Funding						
Fundin	g Soui	ce		Prior	FY2022	Future	Total			
District				\$180,000	\$90,00	\$90,000	\$360,000			
Pinellas County				\$180,000	\$90,00	\$90,000	\$360,000			
Т	otal			\$360,000	\$180,00	\$180,000	\$720,000			

Project No. Q199	WMF	WMP – Starkey Road WMP Update									
Pinellas County								FY2022			
Risk	Level:	Туре 3				Multi-Ye	ear Contract: Yes, Ye	ear 2 of 3			
				Description							
Descri	compreh inty, thro mination, atives ar systems nd begin	hensive update to the Starkey Road Watershed Management Plan (WMP) in ough and including watershed evaluation, floodplain analysis, level of service 1, surface water resource assessment (SWRA), and best management practice analysis. The study will result in recommendations for drainage, water quality s improvement projects. FY2022 funding will be used to complete the watershed in the floodplain analysis phase.									
Measurable Be	enefit:	The contract floodplains, e and improve	ual Meas establish water qu	surable Benefit will es LOS, performs S uality and enhance	be the con SWRA, and natural sys	npletion d evaluat stems in	of an updated WMP t tes BMPs to address the watershed.	that identifies flooding concerns,			
(Costs:	Total project Pinellas Cou District: \$250 \$75,000 anti	cost: \$5 inty: \$25 0,000 wit cipated t	st: \$500,000 : \$250,000 00 with \$75,000 budgeted in previous years, \$100,000 requested in FY2022, and ated to be requested in future years.							
				Evaluation							
Application Q	uality:	High	Applica	tion included all the	required in	nformatio	on identified in the CF	-I Guidelines.			
Project Be	enefit:	Medium	The WN flood an includes	/IP will re-evaluate nalysis models are a s regional or interm	flooding pr available a ediate stor	oblems t nd are fr mwater	hat exist in the water om 5 to 10 years old, systems.	shed. Currently, , and the watershed			
Cost Effective	Low	\$40,000/sq. mi.) for WMP updates completed in urban watersheds. This is a heavily urbanized watershed and will require a high level of effort during the watershed evaluation and floodplain analysis phases of the project. This study will also include water quality and natural systems components.									
Past Perform	nance:	High Based upon an assessment of the schedule and budget for the 14 ongoing projects									
Complementary E	fforts:	High	Cooper	ator's Community F	ating Syst	em class	s is 5 and is in the 5 c	or less range.			
Project Read	iness:	High	The pro	ject is ongoing and	on schedu	ule.					
				Strategic Goal	S	_					
Strategic (Goals:	High	 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. Strategic Initiative - Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds. 								
			Overall I	Ranking and Reco	mmendat	ion					
Fund as 1A F	Priority	This ongoing flooding and model updat Water Qualit	y project improve e and alt y and Na	will complete a stud water quality in the cernatives analysis. atural Systems com	ly to evalu Starkey F In addition ponents.	ate and Road Wa I to Floor	further define solutior tershed. It combines d Protection this upda	ns to reduce elements of a ate will also include			
				Funding							
Fundin	g Soui	ce		Prior	FY20	22	Future	Total			
District				\$75,000	\$	100,000	\$75,000	\$250,000			
Pinellas County				\$75,000	\$	100,000	\$75,000	\$250,000			
T	otal			\$150,000	\$2	200,000	\$150,000	\$500,000			
Project No. Q210	SW I	W IMP – Flood Protection – Griffin Park Flood Abatement Project									
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Pasco County	1						FY2022				
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Y	ear 2 of 2				
Description											
Descri	Description: Design, permitting, a Griffin Park neighbo flooding in recent ye Watershed Manager				g, and construction of a pond and conveyance system to divert water from the aborhood south to Bear Creek. The project was selected based on repetitive t years and the floodplain information from the Pithlachascotee/Bear Creek agement Plan (WMP). FY2022 funds will be used for construction.						
Measurable Be	enefit:	The contract system in the	the contractual Measurable Benefit will be the construction of a pond and stormwater conveyance stem in the area of Griffin Park. Construction will be in accordance with permitted plans.								
(Costs:	Total project Pasco Coun District: \$900	otal project costs: \$1,800,000 (design, permitting, and construction) asco County: \$900,000 istrict: \$900,000 with \$195,000 budgeted in previous years and \$705,000 requested in FY2022.								
				Evaluation							
Application Q	uality:	High	gh Application included all the required information identified in the CFI Guidelines.								
Project Bo	enefit:	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 Effective	eness:	High	h Benefit/Cost ratio is greater than or equal to 1. Benefits include avoided damages to structures and roads.								
Past Perform	nance:	Medium	edium Based upon an assessment of the schedule and budget for the 19 ongoing projects.								
Complementary E	fforts:	Medium	Cooper	ator's Community F	ating System class	s is 6 and is in the 6 t	to 9 range.				
Project Read	iness:	High	Project	is ongoing and on s	schedule.						
			1 -	Strategic Goal	S						
Strategic (Goals:	High	Strateg impleme Strateg and imp protectii flood da Tampa Tarpon, coastal	ic Initiative - Wate ent programs, proje ic Initiative – Floo blement programs, p on, and operate Dis amage while preser Bay Region Priori the Pithlachascote watersheds.	r Quality Mainten cts and regulations d Protection Main projects and regula trict flood control a ving the water reso ty: Flood Protecti e, Anclote and Hills	ance and Improvem to maintain and imp itenance and Impro tions to maintain and ind conservation stru urce. on: Improve flood pr sborough Rivers and	ient: Develop and prove water quality. vement: Develop I improve flood ctures to minimize rotection in Lake Pinellas County				
			Overall I	Ranking and Reco	mmendation						
Fund as 1A F	Priority	This ongoing streets and h system. It wi structure and	This ongoing project consists of the construction of conveyance systems to divert stormwater from streets and homes in the Griffin Park neighborhood into a new pond and then to the Bear Creek system. It will provide flood protection for the 100 year, 24-hour event in an area that experiences structure and street flooding, and is cost effective.								
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$195,000	\$705,000	\$0	\$900,000				
Pasco County				\$195,000	\$705,000	\$0	\$900,000				
Te	otal			\$390,000	\$1,410,000	\$0	\$1,800,000				

Project No. Q213	Hills	illsborough County SCADA System								
Hillsborough County							FY2022			
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Y	ear 2 of 2			
				Description						
Description: Implementation of re on the previously fun the County does not gained from this com preparation for storm locations throughout				of real-time water level monitoring systems throughout Hillsborough County, based sly funded feasibility study Q001. The current density of real-time gauges through s not provide suitable flood information that the County requires. The information s connected monitoring system will be used to help make critical decisions in storm events. FY2022 funding will be used to construct new SCADA enabled gauge ghout Hillsborough County.						
Measurable Bo	enefit:	The contract monitoring s	ne contractual Measurable Benefit will be the installation of approximately 250 real-time onitoring systems at existing and newly constructed water level gauge stations.							
(Costs:	Total project Hillsborough District: \$900	otal project cost: \$1,800,000 (construction of SCADA monitoring system) illsborough County: \$900,000 istrict: \$900,000 with \$200,000 budgeted in previous years and \$700,000 requested in FY202							
				Evaluation						
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CI	-I Guidelines.			
Project Bo	enefit:	High	The ber monitor system	The benefit of this project is related to the implementation of real-time water level monitoring stations for lakes and streams within Hillsborough County. The monitorin system will enhance emergency operations in preparation for storm events.						
Cost Effective	eness:	High	Project cost is comparable to other prior projects with similar scopes.							
Past Perform	nance:	High	igh Based upon an assessment of the schedule and budget for the 24 ongoing projects.							
Complementary E	fforts:	High	ligh Cooperator's Community Rating System class is 5 and is in the 5 or better range.							
Project Read	iness:	High	Project	is ongoing and on s	chedule.					
				Strategic Goals	5					
Strategic (Goals:	High	Strateg determine to supp Strateg and imp protection flood da Tampa Tarpon, coastal	ic Initiative - Flood ne local and regiona ort floodplain manag ic Initiative - Floo olement programs, p on, and operate Dis amage while preserv Bay Region Priori , the Pithlachascote watersheds.	dplain Manageme al floodplain inform gement decision al d Protection Mair projects and regula trict flood control a ving the water resc ty: Flood Protecti e, Anclote and Hill	nt: Collect and analy ation, flood protectio nd initiatives. Itenance and Impro- tions to maintain and ind conservation stru- ource. on: Improve flood pr sborough Rivers and	ze data to n status and trends vement: Develop i improve flood ctures to minimize otection in Lake Pinellas County			
			Overall I	Ranking and Reco	mmendation					
Fund as 1A F	1A Priority This ongoing project is for the construction of additional real-time monitoring of water level gauges throughout Hillsborough County will allow for the support of a flood information system, forecasts for public information and emergency management. Real-time water levels will allow County staff to proactively manage stormwater. Historical data collection and storage with an improved gauge density will also be used to improve calibration efforts for existing watershed models.									
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$200,000	\$700,000	\$0	\$900,000			
Hillsborough County				\$200,000	\$700,000	\$0	\$900,000			
T	otal			\$400,000	\$1,400,000	\$0	\$1,800,000			

Project No. W211	Rest	oration – W	eedon	Island Tidal Mar	sh			
Pinellas County							FY2022	
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Y	ear 2 of 3	
				Description				
Descri	iption:	Design, pern hydrologic re improve circu Island Prese	nitting, a estoratior ulation, a rve. This	nd construction of a n through eliminatio and restoration of di s project is within th	nd construction of a natural system restoration project which includes through elimination of stagnant ditches, dredging of existing ditches to nd restoration of diurnal sheet flow by removing spoil mounds in the Weedon project is within the Tampa Bay watershed, a SWIM priority water body.			
Measurable Bo	enefit:	The contract mangrove fo	e contractual Measurable Benefit of this project is the hydrologic restoration of 42 acres of angrove forest and estuarine wetland habitat within the Weedon Island Preserve.					
(Costs:	Total Project Pinellas Cou District: \$468 and \$288,84	otal Project Cost: \$937,800 (Design, permitting, and construction) nellas County: \$468,900 strict: \$468,900 with \$56,268 requested in previous years, \$123,790 requested in FY2022, nd \$288,842 anticipated to be requested in future years.					
				Evaluation				
Application Q	uality:	High	Applica	tion included all the	required informati	on identified in the Cl	FI Guidelines.	
Project Bo	enefit:	High	The Resource Benefit of the project is restoration of 42 acres of mangrove forest and estuarine wetland habitat within the Tampa Bay watershed, a SWIM priority water body.					
Cost Effective	eness:	High	The estimated cost/acre restored is less than \$53,326/acre restored for combined elements.					
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 14	ongoing projects.	
Complementary E	fforts:	High	Applica the prop other co	nt has an exotic rer perty, maintains "na pmplementary effor	noval/treatment pro ture parks" or "ope ts that preserve or	ogram, a Land Manag en space" within its pa restore natural system	gement Plan for the ark system, and has ms.	
Project Read	iness:	High	Project	is ongoing and on s	schedule.			
				Strategic Goal	s			
Strategic (Goals:	High	Strateg of natur Tampa and Lak	ic Initiative - Cons al ecosystem for th Bay Region Prior & Seminole.	e benefit of water a ty: Improve Lake	toration: Restoration and water-related res Thonotosassa, Tamp	n and maintenance ources. a Bay, Lake Tarpon	
		(Overall I	Ranking and Reco	mmendation			
Fund as 1A F	Priority	The ongoing Bay watersh	project i ed, a SV	is cost effective and VIM priority water be	l will restore 42 acı ody.	es of natural systems	s within the Tampa	
				Funding				
Fundin	g Sou	rce		Prior	FY2022	Future	Total	
District				\$56,268	\$123,790	\$288,842	\$468,900	
Pinellas County				\$56,268	\$123,790	\$288,842	\$468,900	
Т	otal			\$112,536	\$247,580	\$577,684	\$937,800	

Project No. N949	SW I	MP – Flood Protection – Southeast Seminole Heights Flood Relief									
City of Tampa			FY2022								
Risk	Level:	Туре 3	Type 3 Multi-Year Contract: Yes, Year 3 of 4								
				Description							
Descri	ption:	Design, pern approximate Hillsborough intent is to co and dangero relief efforts stormwater t (TPR) as this is for constru	hitting, a ly 780 ac River D onstruct us flood include u reatmen s project iction.	nd construction of r cres of urban enviro am in the Southeas and implement seve ing on critical evacu upsizing existing pip t systems for water has a construction	egional stormwate nment discharging t Seminole Height eral flood relief effo ation routes and in es, installing high quality purposes. cost greater than s	r improvements to se into the Hillsborough s area of the City of T orts in the watershed n residential neighbor er capacity trunklines. The District required 5 million. The FY202	rve an area of Never south of the Tampa. The City's to alleviate frequent hoods. These flood and adding a third-party review 22 funding request				
Measurable Be	enefit:	The contract conveyance Construction	ne contractual Measurable Benefit will be the design, permitting, and construction of drainage onveyance system BMPs to reduce flooding in approximately 780 acres of highly-urbanized basi onstruction will be in accordance with permitted plans.								
(Costs:	Total concep	tual proj	ect cost: \$23,500,0	00 (design, TPR, p	permitting and constru	uction).				
		District: \$11, FY2022, and	750,000 \$250,00	with \$4,000,000 bu 00 anticipated to be	dgeted in previous requested in futur	s years, \$7,500,000 r e years.	equested in				
				Evaluation							
Application Q	uality:	High	Applica	tion included all the	required informati	on identified in the C	FI Guidelines.				
Project Be	enefit:	High The Resource Benefit of this project, if constructed, will reduce the existing problem during the 5 year, 8-hour storm event. Structure and street flood occurs in the project area and the project impacts the regional or intermed rainage system. Ancillary water quality benefits were demonstrated alor flood protection benefits.									
Cost Effective	eness:	Medium	Benefit/ avoided	Cost ratio is less th damages to struct	an 1, but greater t ures and roads.	han or equal to 0.7. B	enefits include				
Past Perform	nance:	High	Based	on an assessment o	of the schedule and	d budget for the 7 ong	joing projects.				
Complementary E	fforts:	High	Cooper	ator's Community F	ating System clas	s is 5 and is in the 5	or less range.				
Project Read	iness:	High	The pro	ject is ongoing and	on schedule.						
				Strategic Goal	S						
Strategic (Goals:	High	High Strategic Initiative - Water Quality Maintenance and Improvement: Develop an implement programs, projects and regulations to maintain and improve water qualit Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimiz flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County								
			Overall	Ranking and Reco	mmendation						
Fund as a High F	h Priority The City is anticipated to complete the 30% design and TPR by February 2021. Contractually, the City will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the TPR, and with the understanding that the Governing Board will need to provide approval to proceed, staff is recommending FY2022 funding for construction.										
				Funding							
Fundin	g Soui	rce		Prior	FY2022	Future	Total*				
District				\$4,000,000	\$7,500,000	\$250,000	\$11,750,000				
City of Tampa				\$4,000,000	\$7,500,000	\$250,000	\$11,750,000				
Т	otal			\$8,000,000	\$15,000,000	\$500,000	\$23,500,000				

Project No. Q146	Inter	connects –	Tampa	Bay Water Sout	hern Hillsbo	orou	gh Co. Booster Pu	ump Station				
твw		FY2022										
Risk	Level:	Туре 2			Mul	ti-Ye	ar Contract: Yes, Ye	ear 2 of 3				
	Description											
Description: Design, permitting ar capacity to the region connecting into an ex station will increase t funding in FY2021 in conceptual construct completed by April 30				nd construction of a nal Delivery Point of kisting 30" Brandon- he net gain in trans cluded third-party ([–] ion estimate greate 0, 2021.	potable water Connection a South Central mission line flo 'PR) review a than \$5 millio	boos t the Trar ow by ind po on do	ster pump station to in Lithia Water Treatmens smission Main. The approximately 5 – 7 ortion of design as th llars. It's anticipated t	ncrease delivery ent Plant by new booster pump MGD. District is project has a that the TPR will be				
Measurable Be	enefit:	The contract supply by 5 - water supplie	ual Mea: - 7 MGD es goals.	surable Benefit if co at the Lithia Point o	nstructed, will of connection t	be a to su	n increase of availab pport Tampa Bay Wa	le alternative water ater (TBW) regional				
	Costs:	Total concep Tampa Bay District: \$3,5 \$2,550,000 a	tual proj Vater: \$ 50,000 v anticipate	ect cost: \$7,100,00 3,550,000 vith \$500,000 reque ed to be requested i	0 (TPR, design sted in previou n future years	n, pe us ye	rmitting and construc ears, \$500,00 request	tion) ted in FY2022, and				
				Evaluation								
Application Q	uality:	High	Applica	tion included all the	required infor	matic	on identified in the CF	I Guidelines.				
Project Be	enefit:	High	The benefit of this project, if constructed, will be the improved regional distribution of alternative water supplies to the counties of Pasco, Pinellas and Hillsborough. The project will increase the available water supply by 5 – 7 MGD at the Lithia Point of Connection.									
Cost Effective	eness:	High	HighThe cost effectiveness is reasonable and consistent with previous cooperative funding average costs for similar projects.									
Past Perform	ance:	High	Based u	upon an assessmer	t of the sched	ule a	nd budget for the 5 o	ngoing projects.				
Complementary E	fforts:	High	TBW pr Pinellas	ovides wholesale d and the cities of N	rinking water t ew Port Riche	o the y, Ta	counties of Hillsbord mpa, and St. Peterst	ough, Pasco and ourg.				
Project Read	iness:	High	The pro review a	ject is ready to beg and approval by the	in on or before District Gover	e Dec rning	ember 1, 2021, penc Board in May 2021.	ling third-party				
			_	Strategic Goal	3							
Strategic (Goals:	High	Strateg alternat Strateg promote reasona	jic Initiative - Alter ive sources of wate ic Initiative - Regi e consensus on the able and beneficial	native Water r to ensure gro onal Water Su strategies and water supply n	Supp ound ipply d reso eeds	blies: Increase develo water and surface wa burces necessary to n	opment of ater sustainability communicate and meet future				
			Overall I	Ranking and Reco	mmendation							
Fund as a High F	Priority	It's anticipated that the TPR will be completed by April 30, 2021. Contractually, TBW will need Governing Board approval to proceed beyond TPR. Anticipating favorable information from the TPR, and with the understanding that the Governing Board will need to provide approval to proceed, Staff is recommending FY2022 funding for the project. If constructed, the project will provide additional 5 – 7 MGD of alternative water supply to support Tampa Bay regional water supply demands.										
				Funding								
Funding Source Prior FY2022 Future Total*								Total*				
District				\$500,000	\$500,	000	\$2,550,000	\$3,550,000				
TBW				\$500,000	\$500,	000	\$2,550,000	\$3,550,000				
Т	otal			\$1,000,000	\$1,000,	000	\$5,100,000	\$7,100,000				

Project No. Q190	SW I Regi	W IMP – Flood Protection – Lower Peninsula Stormwater Improvements - Southeast egion									
City of Tampa							FY2022				
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Ye	ear 2 of 4				
				Description							
Description: Design, property, Funding third part The FY2			nitting an ich will so approve view bec funding	d construction of sto erve as flood storag ed in FY21 for a third cause the conceptua request is for design	ormwater conveya e, then a conveya d party review of th l construction esti n and construction	nce lines south to the nce line east to an ou ne 30% design. The D imate is greater than \$ 	MacDill 48 ELAPP tfall in Tampa Bay. istrict required a 55 million dollars.				
Measurable Be	enefit:	The contract to reduce flo accordance	ual Meas oding in with pern	surable Benefit will k a highly-urbanized k nitted plans.	n of drainage conveya ately 550 acres. Const	nce system BMPs truction will be in					
Costs: Total conceptual proj construction) City of Tampa: \$12,5 District: \$12,500,000 and \$6,465,000 antic				ect cost: \$25,000,00 00,000 with \$35,000 budge ipated to be requesi	00 (design, third-p ted in previous ye ted in future years	arty review (TPR), per ears, \$6,000,000 reque	mitting and ested in FY2022,				
			Evaluation								
Application Q	uality:	High	Applicat	tion included all the	required informati	on identified in the CF	I Guidelines.				
Project Bo	enefit:	High	The Resource Benefit of this project, if constructed, will reduce the existing flooding problem during the 5-year, 8-hour storm event. Structure and street flooding occurs the project area and the project impacts the regional or intermediate drainage syste Ancillary water quality benefits were demonstrated along with the flood protection benefits.								
Cost Effective	eness:	Medium	Benefit/	Cost ratio is less tha	an 1, but greater th	nan or equal to 0.7.					
Past Perform	nance:	High	Based of	on an assessment o	f the schedule and	d budget for 7 ongoing) projects.				
Complementary E	fforts:	High	Coopera	ator's Community R	ating System clas	s is 5 and is in the 5 o	r less range.				
Project Read	iness:	High	Project	is ongoing and on s	chedule.						
			-	Strategic Goals	;						
Strategic (Goals:	High	Strateg and imp protection flood da Tampa Tarpon, coastal	ic Initiative – Flood plement programs, p on, and operate Dis- image while preserv Bay Region Priorit the Pithlachascoted watersheds.	Protection Mair rojects and regula trict flood control a ring the water reso ry: Flood Protect a, Anclote and Hill	ntenance and Improv ations to maintain and and conservation struc burce ion: Improve flood pro sborough Rivers and	rement: Develop improve flood ctures to minimize otection in Lake Pinellas County				
			Overall F	Ranking and Recor	nmendation						
Fund as a High F	Priority	It is anticipated the 30% design and TPR will be completed by September 2021. Contractually, the City will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the TPR, and with the understanding that the Governing Board will need to provide approval to proceed, Staff is recommending FY2022 funding for design and construction. If constructed, this project will provide flood protection for structures and streets during the 5-year, 8-hour event.									
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total*				
District				\$35,000	\$6,000,000	\$6,465,000	\$12,500,000				
City of Tampa				\$35,000	\$6,000,000	\$6,465,000	\$12,500,000				
Т	otal			\$70,000	\$12,000,000	\$12,930,000	\$25,000,000				

Project No. Q220	SW I Draii	MP – Flood nage Improv	Protec vement	tion – 7th Street s	North, 50th Ave	enue North Vicinit	y Storm			
City of St. Petersburg	1	FY2022								
Risk	Level:	Туре 3			Multi-Ye	ar Contract: No				
				Description						
Description: Third-party review (neighborhood west canal. The propose and increased conv project has a const finish design of the provide necessary TPR, FY2022 funds			eview (T d west o proposed d conve constru of the p essary in 2 funds	PR) and additional f 4th Street North b I drainage improver yance capacity via ction cost estimate roject prior to Octob formation to suppor would also be used	construction for sto etween 50th Avenu- nents include low in enlarged conduits. greater than \$5 mi ver 2021. The FY20 t future funding. If for construction.	ormwater improvement ue North and the 54th mpact development (The District required llion dollars. The City 022 funding request is approved by the Gove	nts for the Avenue North LID) techniques a TPR as this is expected to s for TPR to erning Board after			
Measurable B	enefit:	The contract project to con Avenue Nort	ual Mea nstruct s h in St P	surable Benefit will tormwater drainage retersburg to reduce	be providing the fir improvements in t structure and stre	al design package fo he vicinity of 7th Stre et flooding.	or the proposed et North and 50th			
Costs: Total conceptual pro City of St. Petersbur match if approved for District: \$2,728,500; the Governing Board				ect cost: \$5,457,00 g: \$2,728,500 (inclu r further funding) The Cooperator has following TPR and	0 (TPR, land acqui ding \$300,000 in la s requested \$1,500 \$1,228,500 anticip	sition and construction and acquisition to be a 0,000 for FY2022 func- ated to be requested	on) used as cooperator ding, if approved by in future years.			
				Evaluation						
Application Q	uality:	Medium	dium Application included most of the required information identified in the CFI guidelines. District PM had to work with cooperator to obtain remaining required information.							
Project B	enefit:	High The Resource Benefit of this project, if constructed, will reduce the existing flo problem during the 100 year-24 hour event. Structure and street flooding curre occurs in the project area and the project impacts the regional or intermediate drainage system. Ancillary water quality benefits were demonstrated along wit flood protection benefits.								
Cost Effective	eness:	High	Benefit/ structur	Cost ratio is greate es and roads.	r than or equal to 1	. Benefits include ave	oided damages to			
Past Perform	nance:	High	Based	on an assessment o	of the schedule and	l budget for 10 ongoii	ng projects.			
Complementary E	fforts:	High	Cooper	ator's Community F	ating System class	s is 5 and is in the 5 c	or better range.			
Project Read	iness:	High	Project	is ready to begin or	or before Decemb	per 1, 2021.				
				Strategic Goal	5					
Strategic (Goals:	High	Strateg and imp protecti flood da Tampa Tarpon coastal	Jic Initiative – Floo blement programs, j on, and operate Dis amage while preser Bay Region Prior , the Pithlachascote watersheds.	d Protection Main projects and regula strict flood control a ving the water reso ty: Flood Protecti e, Anclote and Hills	Itenance and Improvisions to maintain and and conservation struc- urce. on: Improve flood pro- sborough Rivers and	vement: Develop improve flood ctures to minimize otection in Lake Pinellas County			
			Overall	Ranking and Reco	mmendation					
Fund as a High I	Fund as a High Priority The TPR of final design is anticipated to be completed by December 2021. This will provide the District with additional insight into and confirmation of the measurable benefits and cost effectiveness of the project. Anticipating favorable information from the TPR, staff is recommending FY2022 funding for initiating of construction. Contractually the City will need Governing Board approval to proceed beyond TPR to initiation of construction using District funds.									
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total*			
District				\$0	\$1,500,000	\$1,228,500	\$2,728,500			
City of St. Petersburg				\$0	\$1,500,000	\$1,228,500	\$2,728,500			
Т	otal			\$0	\$3,000,000	\$2,457,000	\$5,457,000			

Project No. Q225	SW I	W IMP – Flood Protection – Lafitte Drive									
Pasco County							FY2022				
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Y	ear 1 of 4				
	Description										
Description: Design, per improve th Pines Con FY2022 fu			nitting, a intermed iunity, lo ls would	itting, and construction of flood protection best management practices (BMPs) to ntermediate or regional stormwater system in the vicinity of Lafitte Dr. in the Sea unity, located within the Hammock Creek Watershed in Pasco County. Requested s would be used for design.							
Measurable Be	enefit:	The contract BMPs. Cons	ual Meas struction	surable Benefit will will be done in acco	be the design, perr ordance with permi	nitting and constructi tted plans.	on of stormwater				
	Costs:	Total Project Pasco Count District: \$1,8 requested in	Cost: \$3 ty: \$1,88 81,417 v future ye	3,762,834 (land acc 1,417 (includes \$25 vith \$250,000 reque ears.	uisition, design, pe 50,000 of land acqu ested in FY2022 an	ermitting, and constru iisition costs as fundi d \$1,631,417 anticip	ction) ng match) ated to be				
	Evaluation										
Application Q	uality:	Low	W District PM/CM had to work with cooperator to obtain remaining required information and cooperator was unable to provide required information within the required time frame.								
Project Be	enefit:	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								
Cost Effective	eness:	High	ligh The Cooperator has provided a benefit cost analysis that is greater than 1.								
Past Perform	ance:	Medium	Based (upon an assessmer	nt of the schedule a	ind budget for the 19	ongoing projects.				
Complementary E	fforts:	Medium	Cooper	ator's Community F	ating System class	s is 6 and is in the 6 t	o 9 range.				
Project Read	iness:	High	Project	is ready to begin or	n or before Decemb	per 1, 2021.					
				Strategic Goal	S						
Strategic (Goals:	High	Strateg and imp protecti flood da Tampa Tarpon coastal	ic Initiative – Floo plement programs, j on, and operate Dis amage while preser Bay Region Priori , the Pitlachascotee watersheds.	d Protection Main projects and regula strict flood control a ving the water reso ty: Flood Protecti , Anclote and Hills	tenance and Impro- tions to maintain and nd conservation stru urce on: Improve flood pr porough Rivers and F	vement: Develop improve flood ctures to minimize otection in Lake Pinellas County				
			Overall I	Ranking and Reco	mmendation						
Fund as a High F	Priority	This project the Sea Pine hour event th	This project consists of the construction of best management practices that will reduce flood risk in the Sea Pines Community of Pasco County. It will provide flood protection for the 100 year, 24-hour event that experiences structure and street flooding and is cost effective.								
				Funding							
Fundin	g Sou	rce		Prior	FY2022	Future	Total				
District				\$0	\$250,000	\$1,631,417	\$1,881,417				
Pasco County				\$0	\$250,000	\$1,631,417	\$1,881,417				
Te	otal			\$0	\$500,000	\$3,262,834	\$3,762,834				

Project No. Q236	Stud	tudy – Sulphur Springs Flow Feasibility Study								
City of Tampa							FY2022			
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Y	ear 1 of 3			
Description										
Description: Conduct a feasibility flow events, options improve flow to Sulp				study to investigate to store and treat ex nur Springs and ulti	e routing excess su xcess storm water, mately the Lower H	rface water from Curi and mechanisms to r fillsborough River.	osity Creek high reduce salinity and			
Measurable Be	enefit:	The contract natural system	ual Measers and	surable Benefit will improvement of wa	be the completion ter quality and floo	of the study addressi ding.	ng enhancement of			
(Costs:	Total project City of Tamp District: \$320 future years.	costs: \$ a: \$320, 0,000 wit	640,000 (study) 000 h \$125,000 reques	ted in FY2022 and	\$195,000 anticipated	I to be requested in			
				Evaluation						
Application Q	uality:	Medium	Applica District	tion included most PM/CM had to wor	of the required info k with cooperator to	rmation identified in t o obtain remaining re	he CFI guidelines. quired information.			
Project Be	enefit:	High	Benefit of the project is to evaluate providing additional freshwater flows to reduct salinity increases in Sulphur Springs and providing additional freshwater flow to Lower Hillsborough River. Additional benefits to be evaluated are reducing a loc flooding issue at Ewanowski Springs and improved stormwater quality. The reso benefits will be clearly defined as a part of the project.							
Cost Effective	eness:	High	igh The cost of this project is similar to other projects of similar scope.							
Past Perform	ance:	High	Based u	upon an assessmei	nt of the schedule a	and budget for the 7 c	ongoing projects.			
Complementary E	fforts:	High	The app water q	olicant has four or r uality, flood protect	nore complementation and natural systems	ry efforts in the areas tems.	of water supply,			
Project Read	iness:	Medium	Project	is ready to begin o	n or before March ?	l, 2022.				
				Strategic Goal	s					
Strategic (Goals:	High	Strateg of natur Tampa Strateg	ic Initiative - Cons al ecosystems for t Bay Region Prior ies.	servation and Res he benefit of water ity: Implement Min	toration: Restoratior and water-related re imum Flow and Leve	n and maintenance sources. I (MFL) Recovery			
			Overall I	Ranking and Reco	ommendation					
Fund as a High F	Priority	The project of Curiosity Cre- reduce salini benefits, incl cost estimate Resource Be	The project will complete a study to evaluate the feasibility of routing excess surface water from Curiosity Creek high flow events including storage and treatment options and the mechanisms to reduce salinity and improve flow to Sulphur Springs and the Lower Hillsborough River. Resource cenefits, including salinity reductions at Sulphur Springs through various management actions, and cost estimates will be investigated as a part of the study. In addition, the City will investigate the Resource Benefit in relation to the City's proposed PURE project (Q246).							
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$125,000	\$195,000	\$320,000			
City of Tampa				\$0	\$125,000	\$195,000	\$320,000			
Te	otal			\$0	\$250,000	\$390,000	\$640,000			

Project No. Q241	Inter	terconnects – TBW Southern Hillsborough County Transmission Expansion									
Tampa Bay Water							FY2022				
Risk	Level:	Туре 2			Multi-Ye	ear Contract: Yes, Yes	ear 1 of 8				
Description											
Description: 30 % design and third additional alternative Hillsborough County. expected to have a m water supplies under as this project has a d				d-party review (TPF water from Tampa The transmission i naximum day capac normal operating c conceptual construct	e) of a potable wate Bay Water's High & Interconnection will ity of 65 MGD. The onditions. District f ction estimate great	er transmission interc Surface Water Pump be approximately 26 e pipeline will deliver unding is for 30% dea ter than \$5 million do	onnection to supply Station to miles long and only alternative sign plans and TPR Illars.				
Measurable Be	enefit:	The contract	ual Mea	surable Benefit will	be the completion	of the 30% design pla	ans.				
(Costs:	 Total project cost: \$8,918,414 (30% design and TPR) Tampa Bay Water: \$4,459,207 District: \$4,459,207 with \$4,459,207 requested in FY2022. The conceptual estimate f cost, including design, TPR, permitting and construction is \$290,108,000. It is anticipal Tampa Bay Water will request funding to complete design, permitting and construction vears. 									
			Evaluation								
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CF	I Guidelines.				
Project Be	enefit:	High	The benefit of this project, if constructed, will be to provide alternative water supplies to a high growth area of Tampa Bay Water.								
Cost Effective	eness:	High	High The cost per inch diameter per LF is \$31 that is comparable to similar large diameter pipe projects. The initial total cost estimate for the project is preliminary and will be refined as the project moves through the design phase and TPR.								
Past Perform	nance:	High	Based	upon an assessmer	it of the schedule a	and budget for the 5 c	ongoing projects.				
Complementary E	fforts:	High	Tampa Pasco a	Bay Water provides and Pinellas and the	wholesale drinkin cities of New Port	g water to the countie Richey, Tampa, and	es of Hillsborough, I St. Petersburg.				
Project Read	iness:	High	Project	is ready to begin or	n or before Decemb	per 1, 2021.					
				Strategic Goal	S						
Strategic (Goals:	High	Strateg alternat Strateg promote reasona	jic Initiative - Alter ive sources of wate jic Initiative - Regi e consensus on the able and beneficial	native Water Sup r to ensure ground onal Water Supply strategies and res water supply needs	plies: Increase devel water and surface wa y Planning: Identify, ources necessary to s	opment of ater sustainability communicate and meet future				
		(Overall	Ranking and Reco	mmendation						
Fund as a High F	Priority	Tampa Bay V from the 30% resource ber Governing B FY2022 fund	Tampa Bay Water is requesting funds to complete the 30% design plans and TPR. The results from the 30% design plans and TPR will provide the District with better information to confirm the resource benefits and cost effectiveness of the project. Contractually, Tampa Bay Water will need Governing Board approval to proceed beyond 30% design and TPR. Staff is recommending FY2022 funding for the 30% design and TPR.								
				Funding							
Fundin	g Sou	urce Prior FY2022 Future Total*									
District				\$0	\$4,459,207	\$140,594,793	\$145,054,000				
Tampa Bay Water				\$0	\$4,459,207	\$140,594,793	\$145,054,000				
Т	otal			\$0	\$8,918,414	\$281,189,586	\$290,108,000				

Project No. Q245	Cons	servation –	Pinella	s County AMI Me	etering Analytic	s Project				
Pinellas County							2022			
Risk	Level:	Type 1			Multi-Ye	ear Contract: No				
Description										
Description: Implementation of a s customers. This proje associated training a will: notify customers water use and notify pre-set threshold usa weather data and dat households (social no over time.				software program the ect will allow softwa nd will be available of suspected leaks customers of poten age amount; alert cu ily water use; comp porming); and provid	nat will promote and re platform setup, i for 112,900 retail p as they occur; reg tial violations of wa ustomers about fau are individual custo e a customer porta	d encourage water co including a utility side potable water custom ularly analyze actual atering restrictions; al Ity rain or soil moistu omer water use to tha il log-in and graph cu	onservation by utility dashboard, and ers. The software daily or hourly ert customers to a re sensor based on at of similar stomers water use			
Measurable Be	enefit:	The contract final report.	ne contractual Measurable Benefit will be implementation of the program and the completion of nal report.							
(Costs:	Total project Pinellas Cou District: \$139	al project cost: \$278,828 ellas County: \$139,414 trict: \$139,414							
				Evaluation						
Application Q	uality:	High	Applica	tion included all the	required informati	on identified in the Cl	FI Guidelines.			
Project Be	enefit:	High	The ber in the N	nefit of this project i lorthern Tampa Bay	s an estimated 111 / Water Use Cautic	,100 gallons per day on Area (NTBWUCA)	of water conserved			
Cost Effective	eness:	High	Project	cost effectiveness i	s below \$3.00 per	thousand gallons sav	ved.			
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 14	ongoing projects.			
Complementary E	fforts:	High	Cooper	ator has an adjuste	d gross per capita	less than or equal to	80 gpcd.			
Project Read	iness:	High	Project	is ready to begin or	n or before Deceml	ber 1, 2021.				
				Strategic Goal	s					
Strategic (Goals:	High	Strateg ensure Tampa Strateg	ic Initiative - Cons beneficial use. Bay Region Prior ies.	servation: Enhanc	e efficiencies in all wa imum Flow and Leve	ater-use sectors to I (MFL) Recovery			
			Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	Project will c	onserve	potable water in the	e NTBWUCA and i	s cost effective.				
				Funding						
Funding Source Prior FY2022 Future Total							Total			
District				\$0	\$139,414	\$0	\$139,414			
Pinellas County				\$0	\$139,414	\$0	\$139,414			
Te	otal			\$0	\$278,828	\$0	\$278,828			

Project No. Q246	Recla	aimed – Tar	npa Hil	teclaimed – Tampa Hillsborough River MFL "PURE" Project								
City of Tampa		FY2022										
Risk	Level:	Type 2			Multi-Ye	ear Contract: Yes, Y	ear 1 of 7					
				Description								
Description: Third-party review (T structure, additional v portion of the design mains and appurtena water to the City's re- recharge/recovery sy subsequent delivery utilize approximately which represent the o to the minimum flow conceptual construct				PR), modification o water treatment eler that has already be ances to supply Adv charge/recovery system to the Tampa Rese 50 mgd, the CFI pr contributions of Sulf of the Lower Hillsbo ion estimate is great	5 30% design plans ments, and regulat en completed sole anced Wastewater stem. Under PURE and recover AWT rvoir/Lower Hillsbo opject is only consid ohur Springs and M rough River. The p ter than \$5 million	s including adjustmen ory activities for the F Iy by the City include Treatment (AWT) qu t, the City plans to im quality reclaimed wa rough River. Though lering the replacemen forris Bridge Sink (ap project requires TPR dollars.	tts to the outfall PURE project. A s transmission uality reclaimed plement a ter in the aquifer for the City plans to ot of 13.7 mgd oproximately 27.4%) because the					
Measurable Be	enefit:	The contract	ual Mea	surable Benefit will	be the completion	of the 30% design pla	ans.					
C	Costs:	Total project City of Tamp District: \$60, FY2022. The construction permitting ar	cost: \$4 a: \$379, 280 (50% concep is \$300, id constr	40,000 (TPR and 3 720 % of the 27.4% asso tual estimate for tot 000,000. It is anticip ruction in future yea	0% design) ociated project cos al project cost, incl oated that the City rs.	ts (13.7mgd/50mgd)) luding design, TPR, p will request funding t	e requested in permitting and o complete design,					
				Evaluation								
Application Q	uality:	Medium	District	PM/CM had to worl	with cooperator to	o obtain remaining re	quired information.					
Project Be	enefit:	High	ligh The benefit of the project if constructed is the replacement of 13.7 mgd of flows fi Sulphur Springs and Morris Bridge Sink used to meet the Lower Hillsborough Riv minimum flow.									
Cost Effective	eness:	High	The 30% design and TPR costs of this project are below the average of similar projects. The initial total cost estimate for the project is preliminary and will be refined as the project moves through the design phase and TPR.									
Past Perform	ance:	High	Based (upon an assessmer	t of the schedule a	and budget for the 7 o	ongoing projects.					
Complementary E	fforts:	High	The Cit restriction requirer	y has numerous co ons, increase in wa ment and schedule	des related to wate ter restriction violation of water rates.	r conservation in plu tion fines, landscapin	mbing, water use g, rain sensor					
Project Read	iness:	High	Project	is ready to begin or	n or before Decem	ber 1, 2021.						
				Strategic Goal	s							
Strategic (Goals:	High	Strateg Establis plans to Tampa Strateg	jic Initiative - Minir sh and monitor MFL prevent significant Bay Region Prior ies.	num Flows and L s, and, where nece harm and reestab ty: Implement Min	evels Establishmen essary, develop and i lish the natural ecosy imum Flow and Leve	t and Recovery: implement recovery /stem. I (MFL) Recovery					
			Overall I	Ranking and Reco	mmendation							
Fund as a High F	Fund as a High Priority The City is requesting funds to modify the City-funded 30% design plans and TPR. The results from the 30% design and TPR will provide the District with better information to confirm costs an resource benefits. The District's reduced cost-share is based on the project replacing flows from Sulphur Springs and Morris Bridge Sink used to meet the Lower Hillsborough River minimum flo The resource benefits of eliminating the diversion of Sulphur Springs flows will be evaluated in the proposed Q236 Sulphur Springs Feasibility Study.											
	Funding											
Funding Source Prior FY2022 Future Total*							Total*					
District				\$0	\$60,280	\$41,039,720	\$41,100,000					
City of Tampa				\$0	\$379,720	\$258,520,280	\$258,900,000					
Т	otal			\$0	\$440,000	\$299,560,000	\$300,000,000					

Project No. Q256	Cons	servation –	St. Pete	ersburg Sensible	e Sprinkling Pro	gram - Phase 10				
City of St. Pete							FY2022			
Risk	Level:	Туре 1			Multi-Ye	ear Contract: No				
	Description									
Description: Make available appr commercial custome recommendations fo TM practices and oth sensor devices will b device. Also include surveys necessary to anticipated, the coop				oximately 300 irriga rs. This will include optimizing the use er efficient irrigation e provided and inst d are educational m o ensure the success erator may perform	ation evaluations to program administ of water outdoors n best managemen alled for project par naterials, program p s of the program. more installations/	single family, multi-fa ration and evaluation through Florida-friend t practices. Approxin ticipants who do not promotion, follow-up Should actual costs to revaluations as funds	amily and s with dly Landscaping nately 300 rain have a functioning evaluations and be less than are available.			
Measurable Bo	enefit:	The contract final report.	ne contractual Measurable Benefit will be implementation of the program and the completion of a al report.							
(Costs:	Total Project City of St Pe District: \$50	otal Project Cost: \$100,000 ty of St Pete: \$50,000 strict: \$50,000							
				Evaluation						
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CI	FI Guidelines.			
Project Be	enefit:	High	The ber in the N	nefit of this project i TB WUCA.	s an estimated 54,	900 gallons per day o	of water conserved			
Cost Effective	eness:	High	Project	cost effectiveness	is below \$3.00 per	thousand gallons sav	ved.			
Past Perform	nance:	High	Based of	on an assessment o	of the schedule and	l budget for 9 on-goir	ng projects.			
Complementary E	fforts:	High	Applica days pe an activ	nt's complementary r week irrigation re re water conservation	 efforts include an strictions, actively e on program. 	ordinance to support enforces watering res	year-round two- strictions and has			
Project Read	iness:	High	Project	is ready to begin o	n or before Deceml	per 1, 2021.				
				Strategic Goal	s					
Strategic (Goals:	High	Strateg ensure Tampa Strateg	ic Initiative - Cons beneficial use. Bay Region Prior es.	servation: Enhance	e efficiencies in all wa	ater-use sectors to I (MFL) Recovery			
			Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	This project	conserve	ed water supply in t	he NTB WUCA and	l is cost effective.				
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$50,000	\$0	\$50,000			
City of St. Pete				\$0	\$50,000	\$0	\$50,000			
T	otal			\$0	\$100,000	\$0	\$100,000			

Project No. Q259	Cons	servation –	Tarpon	Springs Water	Conservation Pr	ogram Phase III				
City of Tarpon Springs							FY2022			
Risk	Level:	Type 1			Multi-Ye	ear Contract: No				
	Description									
Description: Make available finar activities, including: evaluations and indo materials, program p Should actual costs installations/rebates				cial incentives and sesidential and com or and outdoor do-i romotion, and surve be less than anticipa as the availability of	services to custom mercial high-efficie t-yourself conserva eys necessary to en ated, the Cooperato f funds allow.	ers for up to three co ncy toilets, residentia tion kits. Also include nsure the success of or may perform more	nservation I irrigation system ed are educational the program.			
Measurable Be	enefit:	The contract final report.	ne contractual Measurable Benefit will be implementation of the program and the completion of a al report.							
C	Costs:	Total project City of Tarpo District: \$15,	otal project cost: \$30,000 ity of Tarpon Springs: \$15,000 istrict: \$15,000							
		Evaluation								
Application Q	uality:	Medium	Applica District	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.						
Project Be	enefit:	High	The benefit of this project is the conservation of approximately 3,744 to 5,746 gallons per day of water conserved in the Northern Tampa Bay Water Use Caution Area (NTBWUCA). Savings will vary based on the participation rate across the three possible conservation activities.							
Cost Effective	eness:	Medium	Project	cost effectiveness i	s between \$3.01 a	nd \$6.00 per thousar	nd gallons saved.			
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 4 o	ongoing projects.			
Complementary E	fforts:	Medium	Applica and, pe	nt has the complem Inding implementati	nentary efforts of w on of this program,	ater loss less than the an active conservati	e District average on program.			
Project Read	iness:	High	Project	is ready to begin or	n or before Deceml	ber 1, 2021.				
				Strategic Goal	s					
Strategic C	Goals:	High	Strateg ensure Tampa Strateg	jic Initiative - Cons beneficial use. Bay Region Prior ies.	servation: Enhanc	e efficiencies in all wa imum Flow and Leve	ater-use sectors to I (MFL) Recovery			
			Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	Project cons	erves po	table water in the N	ITBWUCA and is c	ost effective.				
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$15,000	\$0	\$15,000			
City of Tarpon Springs				\$0	\$15,000	\$0	\$15,000			
Т	otal			\$0	\$30,000	\$0	\$30,000			

Project No. W024	FY20)22 Tampa I	Bay Env	vironmental Res	toration Fund				
Tampa Bay Estuary Program							FY2022		
Risk	Level:	Туре 3			Multi	Year Contract: No			
				Description					
Description: The Tampa Bay Env research and educat manages the fund an Restore America's E				ironmental Restorat ion initiatives in Tar id secures local fun stuaries (RAE) thro	ion Fund (TBEF npa Bay. The Ta ding to leverage ugh environmen	F) was established to a mpa Bay Estuary Prog with funds obtained na al fines and philanthro	und restoration, ram (TBEP) ationally by the pic gifts.		
Measurable B	enefit:	The project we throughout the throug	The project will fund numerous water quality improvement and habitat restoration projects hroughout the Tampa Bay watershed.						
	Costs:	Total project TBEP: \$350 District: \$35 grant manag	trative fee for each						
				Evaluation					
Application Q	uality:	High	Applica	tion included all the	required inform	ation identified in the C	FI guidelines.		
Project Bo	enefit:	High	igh Water quality improvement and natural systems restoration in Tampa Bay, a SWIM priority water body.						
Cost Effective	eness:	High	High District funds will be leveraged with other local, federal, private, and penalty funds.						
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedu	e and budget for the 9	ongoing projects.		
Complementary E	fforts:	High	Applica improve	nt funds projects th e water quality.	at are complement	entary to preserve natu	ral systems and		
Project Read	iness:	High	Project	is ready to begin or	n or before Dece	mber 1, 2021.			
				Strategic Goal	s				
Strategic (Goals:	High	Strateg of natur Strateg impleme Tampa and Lak	ic Initiative - Cons ral ecosystem for th jic Initiative - Wate ent programs, proje Bay Region Prior (ce Seminole.	ervation and R e benefit of wate r Quality Maint cts and regulati ty: Improve Lak	estoration: Restoratio or and water-related rest enance and Improven ons to maintain and imp e Thonotosassa, Tamp	n and maintenance sources. nent: Develop and prove water quality. a Bay, Lake Tarpon		
			Overall I	Ranking and Reco	mmendation				
Fund as a High I	Priority	Due to the le effective mea priority water FY2020 the have been fu	Due to the leveraging of local, federal, private, and penalty funds, this project is a very cost effective means to implement water quality and habitat restoration projects for Tampa Bay, a SWIM priority water body. The District has provided funding for the TBERF since FY2013. For FY2013 - FY2020 the TBERF funded 72 projects at a total grant amount of \$6.6 million. Nine District projects have been funded at a grant amount of \$1.45 million.						
				Funding					
Fundin	g Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$350,0	\$0	\$350,000		
Tampa Bay Estuary Progr	am			\$0	\$350,0	\$0	\$350,000		
T	otal			\$0	\$700,0	\$0	\$700,000		

Project No. W103	Rest	oration – R	ooseve	lt Creek Channe	l 5 Improvement	ts				
Pinellas County							FY2022			
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No				
Description										
Descri	Description: Modification of a sal Channel 5 to restore Cooperator will be re				nt removal and exo sociated with Tamp conservation ease	tic species control or ba Bay, a SWIM prior ment over the project	n Roosevelt Creek ity waterbody. The area to the District.			
Measurable Be	enefit:	The contract sediments ar a SWIM prio will be no mo	ne contractual Measurable Benefit will be the modification of a salinity barrier and the removal adiments and invasive species to restore 12 acres of natural systems associated with Tampa E SWIM priority waterbody. Construction will be done in accordance with permitted plans. There Il be no monitoring or performance testing requirements.							
(Costs:	Total project Pinellas Cou District: \$35	tal project cost: \$700,000 (construction) nellas County: \$350,000 strict: \$350,000							
			Evaluation							
Application Q	uality:	High	Application included all the required information identified in the CFI Guidelines.							
Project Be	enefit:	High	The benefit of the project is restoration of natural systems of approximately 12 acres associated with Tampa Bay, a SWIM priority water body.							
Cost Effective	eness:	Medium	The est \$53,326	imated cost/acre re 3/acre restored.	stored is slightly hi	gher than the historic	al average of			
Past Perform	nance:	High	Based u	upon an assessmer	it of the schedule a	ind budget for the 14	ongoing projects.			
Complementary E	fforts:	High	Applica remova open sp system:	nt has an environm l/treatment program bace, and other con s.	entally sensitive lan , an Adopt a Pond nplementary efforts	nd purchase program Program, maintains that preserve or resi	i, exotic a nature park and tore natural			
Project Read	iness:	High	Project	is ready to begin or	n or before Decemb	per 1, 2021.				
				Strategic Goal	S					
Strategic (Goals:	High	Strateg of natur Tampa and Lak	ic Initiative - Cons al ecosystem for th Bay Region Prior ce Seminole.	ervation and Res e benefit of water a ty: Improve Lake 7	toration: Restoration and water-related res honotosassa, Tamp	and maintenance ources. a Bay, Lake Tarpon			
			Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	The project i Tampa Bay,	s cost ef a SWIM	fective and will cont priority waterbody.	inue efforts by the	County to enhance r	atural systems in			
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$350,000	\$0	\$350,000			
Pinellas County				\$0	\$350,000	\$0	\$350,000			
Т	otal			\$0	\$700,000	\$0	\$700,000			

Project No. W106	SW I	W IMP – Water Quality – Starkey M10 Stormwater Facility Quality Improvements								
Pinellas County							FY2022			
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No				
Description										
Descri	ption:	Construction water quality water body.	of a sto dischar	rmwater pond and i ging to Boca Ciega	nodification of an e Bay within the Tan	existing stormwater s npa Bay watershed, a	ystem to improve a SWIM priority			
Measurable Be	enefit:	The contract of stormwate be no monito	te contractual Measurable Benefit will be construction of BMPs to treat approximately 114 acres stormwater runoff. Construction will be done in accordance with the permitted plans. There will a no monitoring or performance testing requirements.							
(Costs:	Total project Pinellas Cou District: \$324	otal project cost: \$648,000 (construction) nellas County: \$324,000 strict: \$324,000							
				Evaluation						
Application Q	uality:	High	Application included all the required information identified in the CFI Guidelines.							
Project Be	enefit:	High	The Resource Benefit of the project is the reduction of pollutant loads to Tampa Bay by an estimated 492 lbs/yr TN and 146 lbs/yr TP.							
Cost Effective	eness:	High	The estimated cost/lb of TN removed is below the historical average \$176 and \$475/lb.							
Past Perform	ance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 14	ongoing projects.			
Complementary E	fforts:	High	Applica	nt has an active sto	rmwater utility that	collects fees.				
Project Read	iness:	Medium	Project	is ready to begin o	n or before March 1	, 2022.				
				Strategic Goal	S					
Strategic (Goals:	High	Strateg impleme Tampa and Lak	tic Initiative - Wate ent programs, proje Bay Region Prior & Seminole.	r Quality Mainten cts and regulations ty: Improve Lake ⊺	ance and Improvem to maintain and imp Thonotosassa, Tamp	nent: Develop and rove water quality. a Bay, Lake Tarpon			
		(Overall I	Ranking and Reco	mmendation					
Fund as a High F	Priority	The project i water body. prioritize fun- reductions.	The project is cost effective and will reduce stormwater impacts to Tampa Bay, 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						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$324,000	\$0	\$324,000			
Pinellas County				\$0	\$324,000	\$0	\$324,000			
Т	otal			\$0	\$648,000	\$0	\$648,000			

Project No. W298	SW I	MP – Water	Quality	y – Philippe Bay	v Stormwater Qu	ality Upgrades			
Philippe Bay Neighborhood Association							FY2022		
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No			
	Description								
Descri	ption:	Construction to improve w	of storn ater qua	nwater BMPs for the lity discharging into	e Philippe Bay Neig Tampa Bay, a SW	hborhood Association /IM priority water boo	on, a private entity, dy.		
Measurable Be	enefit:	The contract from approxi with permitte	e contractual Measurable Benefit will be the construction of BMPs to treat stormwater runoff or approximately 27 acres of urban residential watershed. Construction will be in accordance th permitted plans.						
	Costs:	Total Project Philippe Bay District: \$60,	otal Project Cost: \$120,000 (construction) hilippe Bay Neighborhood Association: \$60,000 District: \$60,000						
			-	Evaluation					
Application Q	uality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.						
Project Be	enefit:	Medium	The Resource Benefit of the project is the reduction of Total Nitrogen loads to Old Tampa Bay by an estimated 97 lbs/yr TN, and a reduction of Total Phosphorus loads by an estimated 30 lbs/yr TP.						
Cost Effective	eness:	High	The est estimat	imated cost/lb of TI ed cost/lb of TP rer	N removed is below noved is below the	the historical average of historical aver	ge of \$176/lb. The \$1498/lb.		
Past Perform	nance:	High	Based of high.	on the cooperator h	aving no ongoing p	projects with the Distr	rict they are ranked		
Complementary E	fforts:	Medium	Applica water q	nt follows the City o uality efforts.	of Safety Harbor or	dinances to impleme	nt complimentary		
Project Read	iness:	High	Project	is ready to begin o	n or before Decemb	per 1, 2021.			
				Strategic Goal	S				
Strategic (Goals:	High	Strateg implem Tampa and Lak	tic Initiative - Wate ent programs, proje Bay Region Prior & Seminole.	er Quality Mainten ects and regulations ity: Improve Lake 7	ance and Improven to maintain and imp Thonotosassa, Tamp	nent: Develop and prove water quality. a Bay, Lake Tarpon		
			Overall	Ranking and Reco	mmendation				
Fund as a High F	Priority	/ The project is cost effective and improves water quality discharging to Tampa Bay, 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					
Fundin	g Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$60,000	\$0	\$60,000		
Philippe Bay Neighborhoo	d Asso	ociation		\$0	\$60,000	\$0	\$60,000		
Т	otal			\$0	\$120,000	\$0	\$120,000		

Project No. N865	SW I Proje	MP – Flood ect	Protec	tion – Magnolia	Valley Storage a	and Wetland Enha	ncement			
Pasco County							FY2022			
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Yes	ear 4 of 6			
				Description						
Description: Design, permitting, Area. This project of provide stormwater County as part of th Station Project (N8 (TPR). The District million dollars. The				nd construction of the nsists of conveyand torage and wetland previous cooperati 5). Funding was app equired a TPR beca Y2022 funding requ	ne Magnolia Valley e improvements in enhancement on a vely funded Magno proved in FY2018 f use this project ha lest is to start cons	Y Storage and Wetlan contributing areas a a former golf course p lia Valley Stormwate or 30% design and th s a conceptual estima truction.	d Enhancement nd excavation to ourchased by the r Facility and Pump hird-party review ate greater than \$5			
Measurable Bo	enefit:	The contract storage and be in accord	e contractual Measurable Benefit will be the design, permitting and construction of stormwater prage and wetland enhancements within the Magnolia Valley contributing area. Construction will in accordance with the permitted plans.							
	Costs:	Total concep Pasco Coun District: \$6,5 \$5,750,000 a	otual proj ty: \$6,50 00,000 v anticipate	ect cost: \$13,000,0 0,000 vith \$500,000 budg ed to be requested	00 (design, TPR, p eted in previous ye n future years.	ermitting, and constr ars, \$250,000 reques	uction) sted in FY2022 and			
			Evaluation							
Application Q	uality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.							
Project Bo	enefit:	High	h 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 occur in the project area and the project impacts the regional or intermediate drainage system.							
Cost Effective	eness:	Medium	Benefit/ avoided	cost ratio is less that damages to struct	an 1 but greater that ures and roads.	an or equal to 0.7. Be	nefits include			
Past Perform	nance:	Medium	Based	upon an assessmer	nt of the schedule a	and budget for the 19	ongoing projects.			
Complementary E	fforts:	Medium	Cooper	ator's Community F	ating System class	s is 6 and is in the 6 t	o 9 range.			
Project Read	iness:	High	Project	is ongoing and on s	schedule.					
				Strategic Goal	s					
Strategic (Goals:	High	Strateg implem Strateg and imp protecti flood da	jic Initiative - Wate ent programs, proje jic Initiative – Floo olement programs, p on, and operate Dis amage while preser	r Quality Mainten cts and regulations d Protection Main projects and regula strict flood control a ving the water reso	ance and Improvem s to maintain and imp atenance and Improvi- tions to maintain and und conservation stru- purce	ent: Develop and rove water quality. vement: Develop i improve flood ctures to minimize			
			Overall	Ranking and Reco	mmendation					
Fund as a Medium F	Fund as a Medium Priority 30% design and TPR is anticipated to be completed by December 2020. Contractually, the County will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the TPR, and with the understanding that the Governing Board will need to provide approval to proceed, FY2022 funding would be used to start construction.									
				Funding						
Fundin	g Sou	rce		Prior	FY2022	Future	Total*			
District				\$500,000	\$250,000	\$5,750,000	\$6,500,000			
Pasco County				\$500,000	\$250,000	\$5,750,000	\$6,500,000			
T	otal			\$1,000,000	\$500,000	\$11,500,000	\$13,000,000			

Project No. Q219	WMF	P – Sutherla	nd Bay	ou Watershed M	anagement Plar	ı				
Pinellas County							FY2022			
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Y	ear 1 of 3			
Description										
Descri	ption:	Complete a through and determinatio alternative a project.	Watersho including n, surfac nalysis. I	ed Management Pla g watershed evalua e water resource a FY2022 funding will	an (WMP) for the S tion, stormwater flo ssessment (SWRA be used to begin t	utherland Bayou in F odplain analysis, leve), and best managen he watershed evalua	Pinellas County, el of service (LOS) nent practice (BMP) tion phase of the			
Measurable Be	enefit:	The contract establishes I concerns in f	ne contractual Measurable Benefit will be the completion of a WMP that identifies floodplains, stablishes LOS, performs SWRA, and evaluates BMPs to address flooding and water quality oncerns in the watershed.							
	Costs:	Total project Pinellas Cou District: \$150 future years.	otal project cost: \$300,000 'inellas County: \$150,000)istrict: \$150,000 with \$50,000 requested in FY2022 and \$100,000 anticipated to be requested in uture years.							
				Evaluation						
Application Q	uality:	High	Application included all the required information identified in the CFI Guidelines.							
Project Be	enefit:	High	The WN analysis includes	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 ncludes regional or intermediate stormwater systems.						
Cost Effective	eness:	Low	Project cost per square mile is in the high-range of historic costs (more than \$87,000/sq mi) for WMPs completed in urban watersheds. This is a heavily urbanized watershed that will require a high level of effort during the watershed evaluation and floodplain analysis phases of the project.							
Past Perform	nance:	High	Based u	upon an assessmer	it of the schedule a	ind budget for the 14	ongoing projects.			
Complementary E	fforts:	High	Cooper	ator's Community F	ating System class	s is 5 and is in the 5 o	or better range.			
Project Read	iness:	High	Project	is ready to begin or	or before Decemb	ber 1, 2021.				
			r	Strategic Goal	S					
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 determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County assessment 							
			Overall I	Ranking and Reco	mmendation					
Fund as a Medium F	Priority	This project study inform	develops ation ava	a watershed mana ailable.	gement plan to ide	entify flood risks in are	eas with no detailed			
				Funding						
Fundin	g Soui	rce		Prior	FY2022	Future	Total			
District				\$0	\$50,000	\$100,000	\$150,000			
Pinellas County				\$0	\$50,000	\$100,000	\$150,000			
Т	otal			\$0	\$100,000	\$200,000	\$300,000			

Project No. Q221	Stud	y – Curlew	Creek &	<mark>ፄ</mark> Smith Bayou F	easibility Study					
Pinellas County		FY2022								
Risk I	_evel:	Туре 3	Type 3 Multi-Year Contract: Yes, Year 1 of 2							
				Description						
Descrij	ption:	Develop a Pr practices (BN were identifie Alternatives natural syste permitting/m	reliminar vIPs) in t ed in the Analysis ms and itigation	y Engineering Repo he Curlew Creek & prior Curlew Creek (N734). Study will flood protection ber requirements for pr	ort (PER) that evalu Smith Bayou Wate & Smith Bayou Wa refine the model, p nefits, project costs oposed BMPs.	Jates proposed best ersheds in Pinellas Co atershed Improveme rovide more detail for s, property rights/acqu	management ounty. The projects nt Plan BMP r water quality, uisition needs, and			
Measurable Be	enefit:	The contract alternatives t Curlew Cree project area.	ne contractual Measurable Benefit will be the completion of the study and a PER to evaluate ternatives to reduce flooding, improve water quality and enhance natural systems within the urlew Creek & Smith Bayou Watershed. Structure and street flooding currently occur in the roject area.							
c	osts:	Total project Pinellas Cou District: \$361 future years.	otal project cost: \$722,000 (study) inellas County: \$361,000 iistrict: \$361,000 with \$180,500 requested in FY2022 and \$180,500 anticipated to be requested in iture years.							
				Evaluation						
Application Qu	uality:	High	Application included all the required information identified in the CFI Guidelines.							
Project Be	nefit:	Medium	The pro for flood are ava interme	The project benefit is a study that will evaluate stormwater improvement alternatives for flood protection and water quality improvement. Currently, flood analysis models are available, are less than 5 years old, and the watershed includes regional or intermediate stormwater systems.						
Cost Effective	ness:	Medium	Project cost per square mile is greater than historic costs for model updates. Costs are comparable to other feasibility studies. Project combines elements of both project types.							
Past Perform	ance:	High	Based u	upon an assessmer	it of the schedule a	and budget for the 14	ongoing projects.			
Complementary Ef	forts:	High	Cooper	ator's Community F	ating system class	is 5 and is in the 5 c	or less range.			
Project Readi	ness:	High	Project	is ready to begin or	1 or before Decemb	oer 1, 2021.				
				Strategic Goal	s					
Strategic G	ioals:	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. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds. 							
			Overall I	Ranking and Reco	mmendation					
Fund as a Medium P	Im Priority The project will complete a study to evaluate and further define solutions to reduce flooding, improve water quality and enhance natural systems in the Curlew Creek & Smith Bayou Watershed. It uses an existing watershed model and recommendations from the Curlew Creek & Smith Bayou BMP alternatives analysis. The project combines elements of a model update and a feasibility study.									
				Funding						
Funding	g Soui	rce		Prior	FY2022	Future	Total			
District				\$0	\$180,500	\$180,500	\$361,000			
Pinellas County				\$0	\$180,500	\$180,500	\$361,000			
Тс	otal			\$0	\$361,000	\$361,000	\$722,000			

Project No. Q226	WMF	P – Hillsbor	ough C	ounty Countywid	de Watershed M	odel Migration and	d Integration				
Hillsborough County							FY2022				
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Ye	ear 1 of 2				
Description											
Description: Development of three models, migration of County's SCADA sys determine flood risks being identified throu results will be further the cooperatively fun be used to develop ri				e river basin models river basin models stem. The integrated in the vicinity of wa gh the cooperativel integrated into real ded project Hillsbor ver basin models a	s for the entire Cou to EPA SWMM, an d and migrated rive ttershed boundarie y funded project Pe -time monitoring sy ough County SCAI nd start model mig	nty from 17 individual d integration of mode r basin models can a s and volume sensitive eak/Volume Sensitive vstems that are being DA System (Q213). F ration.	I watershed I information into ppropriately /e areas, which are e (N844). Model developed through Y2022 funding will				
Measurable Be	enefit:	The contract migration of SCADA syst	The contractual Measurable Benefit will be the completion of development of river basin models nigration of river basin models to EPA SWMM, and integration of model information into Count SCADA system.								
(Costs:	Total project Hillsborough District: \$1,0 in future yea	otal project cost: \$2,000,000 Ilsborough County: \$1,000,000 strict: \$1,000,000 with \$500,000 requested in FY2022 and \$500,000 anticipated to be requested future years.								
				Evaluation							
Application Q	uality:	High	Applica	tion included all the	required information	on identified in the CF	I guidelines.				
Project Be	enefit:	Medium	The ber bounda prepara	nefit of this project i ries and volume se ttion for storm even	s to better determir nsitive areas as we ts.	ne flood risks in the vi Il as support emerge	cinity of watershed ncy operations in				
Cost Effective	eness:	Medium	Project	cost is considered	reasonable based (upon County's 17 WN	/IP updates.				
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 24	ongoing projects.				
Complementary E	fforts:	High	Cooper	ator's Community F	ating System class	s is 5 and is in the 5 c	or better range.				
Project Read	iness:	High	Project	is ready to begin or	n or before Decemb	per 1, 2021.					
				Strategic Goal	S						
Strategic (Goals:	High	Strateg determi to supp Tampa Tarpon, coastal	ic Initiative - Flood ne local and region ort floodplain mana Bay Region Priori the Pithlachascote watersheds.	dplain Manageme al floodplain inform gement decision ar ty: Flood Protecti e, Anclote and Hills	nt: Collect and analy; ation, flood protection nd initiatives. on: Improve flood pro sborough Rivers and	ze data to n status and trends otection in Lake Pinellas County				
			Overall I	Ranking and Reco	mmendation						
Fund as a Medium F	Priority	The project of floodplain information regulatory de storm events	The project will develop integrated and migrated river basin models that improve accuracy of floodplain information used by District Regulation and County Land Development to make sound regulatory decisions. The information will also support emergency operations in preparation for storm events.								
				Funding							
Fundin	g Soui	rce		Prior	FY2022	Future	Total				
District				\$0	\$500,000	\$500,000	\$1,000,000				
Hillsborough County				\$0	\$500,000	\$500,000	\$1,000,000				
Т	otal			\$0	\$1,000,000	\$1,000,000	\$2,000,000				

Project No. Q227	Stud	tudy – 76th Street West Bypass Feasibility Study										
Hillsborough County							FY2022					
Risk	Level:	Туре 3			Multi-Ye	ear Contract: No						
	Description											
Description: The feasibility study and floodplain level Delaney/Archie Crewhether Hillsboroug pollution load reduct				will evaluate the pro of service (FPLOS) k Watershed. The r o County moves for on strategies may b	pposed drainage so benefit for the 76th esults of the propo ward with formal de be incorporated to p	St West Bypass proj St West Bypass proj sed feasibility study v sign and constructio provide water quality	bility, permit-ability ject located in the will help determine n. Integration of benefits.					
Measurable Bo	enefit:	The contract constructabi Bypass flood	ual Meas ity, perm I protecti	surable Benefit will hitability and floodpl on project.	the completion of a ain level of service	a feasibility study that (FPLOS) benefit for	evaluates the the 76th St West					
(Costs:	Total project Hillsborough District: \$50,	otal project cost: \$100,000 (study) Ilsborough County: \$50,000 strict: \$50,000 requested in FY2022									
		Evaluation										
Application Q	uality:	High	Application included all the required information identified in the CFI Guidelines.									
Project Bo	enefit:	High	The benefit of this project is to determine permittable, constructible and feasible drainage improvements for the community adjacent to the channel east of 76th St within the Delaney Creek Watershed. If an appropriate project alternative is identified, a future formal design/construction would occur to provide flood protection for this community. Potential water quality improvements may result from implementation of the identified project alternative.									
Cost Effective	eness:	Medium	Costs a	ire consistent with t	he cost of similar D	istrict funded feasibil	ity studies.					
Past Perform	nance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 24	ongoing projects.					
Complementary E	fforts:	High	Cooper	ator's Community F	Rating System class	s is 5 and is in the 5 o	or better range.					
Project Read	iness:	High	Project	is ready to begin or	n or before Decemb	per 1, 2021.						
				Strategic Goal	S							
Strategic (Goals:	High	Strateg determi to supp Strateg impleme Tampa Tarpon coastal	ic Initiative - Floo ne local and region ort floodplain mana ic Initiative - Wate ent programs, proje Bay Region Prior , the Pithlachascote watersheds.	dplain Manageme al floodplain inform gement decision an or Quality Mainten ects and regulations ity: Flood Protecti ee, Anclote and Hills	nt: Collect and analy nation, flood protectio and initiatives. ance and Improvem is to maintain and imp ion: Improve flood pr sborough Rivers and	ze data to n status and trends nent: Develop and prove water quality. otection in Lake Pinellas County					
			Overall I	Ranking and Reco	mmendation							
Fund as a Medium F	Priority	The feasibilit project in the	y study v vicinity	will determine the fe of 76th Street and	easibility of impleme 12th Avenue, impro	enting an effective flo oving the FPLOS for t	ood protection the area.					
				Funding								
Fundin	g Sou	rce		Prior	FY2022	Future	Total					
District				\$0	\$50,000	\$0	\$50,000					
Hillsborough County				\$0	\$50,000	\$0	\$50,000					
T	otal			\$0	\$100,000	\$0	\$100,000					

Project No. Q228	WMF	P – City of N	ladeira	Beach Watershe	ed Management	Plan			
City of Madeira Beach							FY2022		
Risk	Level:	Туре 3			Multi-Ye	ear Contract: No			
Description									
Descri	ption:	Complete W The WMP w master plan, alternative a	atershed ill include stormwa nalysis, a	I Management Plan e Watershed Evalua ater level of service and a peer review.	(WMP) for the City ation and generatio (LOS) determinatio	/ of Madeira Beach ir n of a watershed mo on, best managemen	ι Pinellas County. del, a stormwater t practices (BMPs)		
Measurable Be	enefit:	The contract establishes I Watershed.	e contractual Measurable Benefit will be the development of a WMP that identifies floodplains, tablishes LOS and evaluates BMPs to address flooding concerns in the City of Madeira Beach atershed.						
	Costs:	Total project City of Made District: \$74,	otal project cost: \$148,492 ity of Madeira Beach: \$74,246 istrict: \$74,246.16 with \$74,246 requested in FY2022.						
				Evaluation					
Application Q	uality:	High	gh Application included all the required information identified in the CFI Guidelines.						
Project Be	enefit:	High	The WN analysis primaril	The WMP will analyze flooding problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old. This coastal watershed primarily includes local systems and is highly developed.					
Cost Effective	eness:	Low	Project cost per square mile is in the high-range of historic costs (more than \$87,000/sq mi) for WMPs completed in urban watersheds. This is a heavily urbanized and coastal watershed that will require a high level of effort during the watershed evaluation and floodplain analysis phases of the project.						
Past Perform	ance:	High	Based u	upon an assessmer	nt of the schedule a	and budget for the 1 o	ongoing project.		
Complementary E	fforts:	Medium	Cooper	ator's Community F	ating System class	s is 7 and is in the 6 t	o 9 range.		
Project Read	iness:	High	Project	is ready to begin or	n or before Decem	per 1, 2021.			
			r	Strategic Goal	S				
Strategic (Goals:	High	Strateg determi to supp Tampa Tarpon, coastal	ic Initiative - Flood ne local and region ort floodplain mana Bay Region Priori , the Pithlachascote watersheds.	dplain Manageme al floodplain inform gement decision an ty: Flood Protecti e, Anclote and Hill	nt: Collect and analy lation, flood protectio nd initiatives. on: Improve flood pr sborough Rivers and	ze data to n status and trends otection in Lake Pinellas County		
			Overall I	Ranking and Reco	mmendation				
Fund as a Medium F	Fund as a Medium Priority This project identifies flood risk in an area with no detailed study information available. The resulting product will be utilized for flood insurance determination, to help implement solutions that alleviate flood risk and improve water quality, and to enhance the planning of future development in the project area.								
				Funding					
Fundin	g Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$74,246	\$0	\$74,246		
City of Madeira Beach				\$0	\$74,246	\$0	\$74,246		
Т	otal			\$0	\$148,492	\$0	\$148,492		

Project No. Q233	Study – Clearwater Harbor/St Joseph Sound Nitrogen Source Identification							
Pinellas County							FY2022	
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Ye	ear 1 of 4	
				Description				
Description:		Review of existing water resource data in Clearwater Harbor/St Joseph's Sound (CHSJS) watershed and waterbodies to develop a targeted water quality sampling effort to better understand nutrient sources and propose management practices aimed at reducing nutrients to CHSJS. The project will quantify benefits and develop cost estimates.						
Measurable Be	enefit:	The contract	ual Mea	surable Benefit will	be the completion	of this study.		
Costs: Total F Pinella District reques			oject cost: \$400,000 (study) County: \$200,000 \$200,000 with \$50,000 requested in FY2022 and and \$150,000 anticipated to be ed in future years.					
				Evaluation				
Application Q	uality:	Medium	dium Application included most of the required information identified in the operator to obtain remaining re- information.					
Project Be	enefit:	Medium	The benefit of this project is the identification of nutrient loading into CHSJS waterbody and a quantified benefits and preliminary project costs to reduce these nutrients. The CHSJS waterbody has shown an increase in nitrogen loading and has exceeded state water quality criteria for the last three years.					
Cost Effective	eness:	Medium	The cost effectiveness for this study is slightly higher than comparable past projects.					
Past Perform	ance:	High	Based upon an assessment of the schedule and budget for the 14 ongoing projects.					
Complementary E	fforts:	High	Applica	nt has an active sto	rmwater utility that	collects fees.		
Project Read	iness:	High	Project	is ready to begin o	n or before Decem	per 1, 2021.		
				Strategic Goal	S			
Strategic (Goals:	Medium Strategic Initiative - Water Quality Assessment and Planning: Collect and anal data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.						
		(Overall I	Ranking and Reco	mmendation			
Fund as a Medium F	Priority	This project will collect water resource data, assess nutrients, identify nutrient sources and propose conceptual BMPs to reduce nutrient loading. The project will quantify benefits and develop cost estimates.						
Funding								
Fundin	g Soui	rce		Prior	FY2022	Future	Total	
District				\$0	\$50,000	\$150,000	\$200,000	
Pinellas County				\$0	\$50,000	\$150,000	\$200,000	
Т	otal			\$0	\$100,000	\$300,000	\$400,000	

Project No. Q274	Recl	Reclaimed – Zephyrhills to Pasco County Reclaimed Water Interconnect							
Zephyrhills							FY2022		
Risk	Level:	Type 2			Multi-Ye	ear Contract: No			
				Description					
Description:		Design, permitting and construction of approximately 10,000 feet of reclaimed water transmission, a 1 mgd booster pump station and other necessary appurtenances to interconnect the City's reclaimed water system to Pasco County's reclaimed water system to meet diurnal and seasonal County reclaimed water demands. The project will enable the supply of reclaimed water to future customers in the Northern Tampa Bay Water Use Caution Area (NTBWUCA).							
Measurable Bo	The contractual Measurable Benefit will be the design, permitting, and construction of a reclaimed water interconnect and booster pump station that will enable the city to supply reclaimed water to Pasco County for future customers that will enable future water savings in the Northern Tampa Bay Water Use Caution Area (NTBWUCA). Construction will be done in accordance with the permitted plans.								
(Costs:	Total project Zephyrhills: District: \$880	Total project cost: \$1,760,000 (design, permitting and construction) Zephyrhills: \$880,000; District: \$880,000, with all requested in FY2022.						
				Evaluation					
Application Q	uality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM had to work with the cooperator to obtain the remaining required information.						
Project Be	enefit:	Medium	The benefit will be the improvement of reclaimed water availability to enable future reclaimed water system expansions.						
Cost Effective	eness:	Medium	The costs are slightly higher (~15%+) than the range of costs for similar storage and pumping projects co-funded by the District.						
Past Perform	nance:	High	Based	upon an assessmer	nt of the schedule a	and budget for the 1 o	ongoing project.		
Complementary E	fforts:	High	High The Cooperator has a program in place that includes metering and an incentivized based reuse rate structure for high volume users, and has proactive reclaimed expansion policies which maximize utilization and environmental benefits.						
Project Read	iness:	High	High Project is ready to begin on or before December 1, 2021.						
				Strategic Goal	s				
Strategic (Goals:	High	Strategic Initiative - Reclaimed Water: Maximize beneficial use of reclaimed water to reduce demand on traditional water supplies. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.						
Overall Ranking and Recommendation									
Fund as a Medium Priority The project is recommended for funding as it will improve the availability of reclaimed water for future reclaimed water system expansions and is cost effective.									
Funding									
Funding Source				Prior	FY2022	Future	Total		
District				\$0	\$880,000	\$0	\$880,000		
Zephyrhills				\$0	\$880,000	\$0	\$880,000		
Total				\$0	\$1,760,000	\$0	\$1,760,000		

Project No. W102	SW IMP – Water Quality – Town of Redington Beach Stormwater Retrofits Phase II								
Town of Redington Beach								FY2022	
Risk	Level:	Туре 3			Mul	lti-Ye	ar Contract: No		
Description									
Description: Design, permitting, ar improve water quality priority water body.			, and construction of stormwater retrofits in the City of Redington Beach to lity discharging to Boca Ciega Bay within the Tampa Bay watershed, a SWIM .						
Measurable Be	enefit:	it: The contractual Measurable Benefit will be the design, permitting, and co treat approximately 5 acres of highly urbanized stormwater runoff. Constr accordance with the permitted plans. There will be no monitoring or perfor requirements.				nitting, and construct runoff. Construction toring or performanc	ion of LID BMPs to will be done in e testing		
(Costs:	Total project Town of Red District: \$75,	cost: \$1 lington B 000	50,000 (Design, pe seach: \$75,000	rmitting, const	ructio	on)		
				Evaluation					
Application Q	uality:	Medium	Applica District	tion included most PM/CM had to wor	of the required k with coopera	infor tor to	mation identified in t obtain remaining re	he CFI Guidelines. quired information.	
Project Be	enefit:	Medium	The Resource Benefit of the project is the reduction of pollutant loads to Tampa Bay, a SWIM priority water body, by an estimated 47 lbs/yr TN and 11 lbs/yr TP. This project will also have ancillary flood protection benefits.						
Cost Effective	eness:	High	High The estimated cost/lb of TN removed is below the historical average of \$176/lb. The estimated cost/lb of TP removed is below the historical average of \$1498/lb.						
Past Perform	nance:	High	High Based on the cooperator having no ongoing projects with the District they are ranked high.						
Complementary E	fforts:	High	Applica	nt has an active sto	ormwater utility	that	collects fees.		
Project Read	iness:	Medium	Medium Project is ready to begin on or before March 1, 2022.						
				Strategic Goal	S				
Strategic (Goals:	High Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water quality Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpo and Lake Seminole.						ent: Develop and rove water quality. a Bay, Lake Tarpon	
Overall Ranking and Recommendation									
Fund as a Medium F	Priority	rity This project improves water quality discharging to Tampa Bay, a SWIM priority water body. This project will also have ancillary flood protection benefits. 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	\$75,	,000	\$0	\$75,000		
Town of Redington Beach			\$0	\$75,	,000	\$0	\$75,000		
Total				\$0	\$150,	,000	\$0	\$150,000	

Project No. Q222	SW I	SW IMP – Flood Protection – Buzzard Lake						
Pasco County							FY2022	
Risk	Level:	Туре 2			Multi-Ye	ear Contract: No		
Description								
Description: Construction of a c the northern Crews years and the flood Management Plan (of a co Crews L e floodpl t Plan (V	a conveyance system to divert water from the Buzzard Lake neighborhood west to rews Lake system. The project was selected based on repetitive flooding in recent floodplain information from the Pithlachascotee / Bear Creek Watershed Plan (WMP). FY2022 funds will be used to complete construction.				
Measurable Be	enefit:	The contract the area of th plans.	The contractual Measurable Benefit will be the construction of a stormwater conveyance system in ne area of the Buzzard Lake Neighborhood. Construction will be in accordance with permitted plans.					
(Costs:	sts: Total project costs: \$302,000 (construction) Pasco County: \$151,000 District: \$151,000 requested in FY2022.						
				Evaluation				
Application Q	uality:	Medium	ium Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information					
Project Be	enefit:	Medium	The Resource Benefit of this project will reduce the existing flooding problem during the 100 year, 24-hour storm event. 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 Effective	eness:	Low	W Benefit/Cost ratio is less than 0.7.					
Past Perform	nance:	Medium	ledium Based upon an assessment of the schedule and budget for the 19 ongoing projects.					
Complementary E	fforts:	Medium	Aedium Cooperator's Community Rating System class is 6 and is in the 6 to 9 range.					
Project Read	iness:	Medium	Aedium Project is ready to begin on or before March 1, 2022.					
				Strategic Goal	s			
Strategic (Goals:							
Overall Ranking and Recommendation								
Low Priority Not Recomm for fu	ended unding	ed While there is a reduction in street flooding, there is not for structures and the project is not cost effective.						
Funding								
Fundin	g Soui	rce		Prior	FY2022	Future	Total	
District				\$0	\$151,000	\$0	\$151,000	
Pasco County				\$0	\$151,000	\$0	\$151,000	
Total				\$0	\$302,000	\$0	\$302,000	

Project No. Q235	SW I	SW IMP – Flood Protection – Quail Hollow Blvd							
Pasco County							FY2022		
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Y	ear 1 of 3		
Description									
Description:		Land acquisition, design, permitting, and construction of select recommendations from the Cypress Creek Alternative Analysis to reduce the frequency, duration, and extent of structural and street flooding in the Quail Hollow area. The project consists of enlarging culverts under multiple locations on Quail Hollow Boulevard and Apple Blossom Lane, construction of a new runoff diversion ditch on the south side of Apple Blossom Lane, conveyance improvements to a natural tributary flow- way between Quail Hollow Boulevard and Apple Blossom Lane, and construction of an attenuation pond. FY2022 funding would be used for design. Future funding for land acquisition, permitting and construction.							
Measurable Bo	The contractual Measurable Benefit will be the design and construction of stormwater conveyance improvements in the Quail Hollow neighborhood. Construction will be in accordance with permitted plans.								
Costs:		Total project Pasco Coun District: \$3,5 requested in	Total project cost: \$7,055,246 (land acquisition, design, permitting, and construction) Pasco County: \$3,527,623 (Includes \$1,190,253 of land acquisition costs as funding match) District: \$3,527,623 with \$400,000 requested in FY2022 and \$3,127,623 anticipated to be requested in future years.						
Evaluation									
Application Q	uality:	Low	District PM/CM had to work with cooperator to obtain remaining required information and cooperator was unable to provide required information within the required time frame.						
Project Be	enefit:	Low	Low Insufficient information to define project benefit, but could have greater benefit with more refinement.						
Cost Effective	eness:	Low	Low The Cooperator has provided a benefit cost analysis that is greater than 1. However, errors have been identified and the Cooperator is working to correct these if conditions warrant.						
Past Perform	nance:	Medium	Based upon an assessment of the schedule and budget for the 19 ongoing projects.						
Complementary E	fforts:	Medium Cooperator's Community Rating System class is a 6 and is in the 6 to 9 range.					3 to 9 range.		
Project Read	iness:	Low	Project	is not expected to b	oegin until after Ma	rch 1, 2022.			
				Strategic Goal	s				
Strategic (Goals:								
Overall Ranking and Recommendation									
Low Priority Not Recomm for fi	ow Priority Not Recommended for funding Effectiveness might change as the County continues to define the land acquisition, project. Cost parameters, and overall costs. If the ranking changes from low, then the project would require a third-party review at thirty percent design.								
Funding									
Fundin	g Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$400,000	\$3,127,623	\$3,527,623		
Pasco County				\$0	\$400,000	\$3,127,623	\$3,527,623		
Total				\$0	\$800,000	\$6,255,246	\$7,055,246		

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>.