Tampa Bay Region CFI

FY2022 Cooperative Funding Initiative Final Project Evaluations and Rankings

Southwest Florida Water Management District

FY2022 Proposed Cooperative Funding Initiative Projects

March 1 Page	I8, 2021 Project Number	Cooperator	Project Name	Rank	District Prior Funding	FY2022 Proposed District Funding	District Future Funding
Projec	ts Ranked	1A Priority					
5	Q011	Pasco County	WMP – Pithlachascotee/Bear Creek WMP	1A	\$500,000	\$300,000	0
6	Q013	Pasco County	WMP – Hammock Creek WMP	1A	\$600,000	\$300,000	0
7	Q130	Pinellas County	Study – Nutrient Source Tracking	1A	\$85,000	\$15,000	0
8	Q149	Pinellas County	WMP – Coastal Zone 5 Watershed Management Plan	1A	\$75,000	\$112,500	\$100,000
9	Q163	City of Seminole	WMP – Seminole Stormwater Master Plan Update and Infrastructure Assessment	1A	\$125,000	\$125,000	0
10	Q171	Pinellas County	Study – McKay Creek Model Update, Alternatives Analysis and Feasibility Study	1A	\$130,000	\$130,000	0
11	Q196	Pinellas County	Study – Joe's Creek Model Update, Alternatives Analysis and Feasibility Study	1A	\$180,000	\$90,000	\$90,000
12	Q199	Pinellas County	WMP – Starkey Road WMP Update	1A	\$75,000	\$100,000	\$75,000
13	Q210	Pasco County	SW IMP – Flood Protection – Griffin Park Flood Abatement Project	1A	\$195,000	\$705,000	0
14	Q213	Hillsborough County	Hillsborough County SCADA System	1A	\$200,000	\$700,000	0
15	W211	Pinellas County	Restoration – Weedon Island Tidal Marsh	1A	\$56,268	\$123,790	\$288,842
Projec	ts Ranked	High Priority					
16	N949	City of Tampa	SW IMP – Flood Protection – Southeast Seminole Heights Flood Relief	Н	\$4,000,000	\$7,500,000	\$250,000
17	Q146	TBW	Interconnects – Tampa Bay Water Southern Hillsborough Co. Booster Pump Station	Н	\$500,000	\$500,000	\$2,550,000
18	Q190	City of Tampa	SW IMP – Flood Protection – Lower Peninsula Stormwater Improvements - Southeast Region	Н	\$35,000	\$6,000,000	\$6,465,000
19	Q220	City of St. Petersburg	SW IMP – Flood Protection – 7th Street North, 50th Avenue North Vicinity Storm Drainage Improvements	Н	0	\$1,500,000	\$1,228,500
20	Q225	Pasco County	SW IMP – Flood Protection – Lafitte Drive	Н	0	\$250,000	\$1,631,417
21	Q236	City of Tampa	Study – Sulphur Springs Flow Feasibility Study	Н	0	\$125,000	\$195,000
22	Q241	Tampa Bay Water	Interconnects – TBW Southern Hillsborough County Transmission Expansion	Н	0	\$4,459,207	\$140,594,793

Southwest Florida Water Management District

FY2022 Proposed Cooperative Funding Initiative Projects

March 1	8, 2021 Project	Cooperator	Project Name	Pank	District Prior	FY2022 Proposed District	District Future
raye	Number			Kalik	Funding	Fullding	Funding
23	Q245	County	Conservation – Pinelias County AMI Metering Analytics Project	Н	0	\$139,414	0
24	Q246	City of Tampa	Reclaimed – Tampa Hillsborough River MFL "PURE" Project	Н	0	\$55,485	\$41,044,515
25	Q256	City of St Pete	Conservation – St. Petersburg Sensible Sprinkling Program - Phase 10	Н	0	\$50,000	0
26	Q259	City of Tarpon Springs	Conservation – Tarpon Springs Water Conservation Program Phase III	Н	0	\$15,000	0
27	W024	Tampa Bay Estuary Program	FY2022 Tampa Bay Environmental Restoration Fund	Н	0	\$350,000	0
28	W103	Pinellas County	Restoration – Roosevelt Creek Channel 5 Improvements	н	0	\$350,000	0
29	W106	Pinellas County	SW IMP – Water Quality <i>–</i> Starkey M10 Stormwater Facility Quality Improvements	Н	0	\$324,000	0
30	W298	Philippe Bay Neighborhood Association	SW IMP – Water Quality – Philippe Bay Stormwater Quality Upgrades	Н	0	\$60,000	0
<u>Projec</u>	ts Ranked I	<u>Medium Priority</u>					
31	N865	Pasco County	SW IMP – Flood Protection – Magnolia Valley Storage and Wetland Enhancement Project	М	\$500,000	\$250,000	\$5,750,000
32	Q219	Pinellas County	WMP – Sutherland Bayou Watershed Management Plan	Μ	0	\$50,000	\$100,000
33	Q221	Pinellas County	Study – Curlew Creek & Smith Bayou Feasibility Study	Μ	0	\$180,500	\$180,500
34	Q226	Hillsborough County	WMP – Hillsborough County Countywide Watershed Model Migration and Integration	М	0	\$500,000	\$500,000
35	Q227	Hillsborough County	Study – 76th Street West Bypass Feasibility Study	М	0	\$50,000	0
36	Q228	City of Madeira Beach	WMP – City of Madeira Beach Watershed Management Plan	Μ	0	\$74,246	0
37	Q233	Pinellas County	Study – Clearwater Harbor/St Joseph Sound Nitrogen Source Identification	Μ	0	\$50,000	\$150,000
38	Q274	Zephyrhills	Reclaimed – Zephyrhills to Pasco County Reclaimed Water Interconnect	Μ	0	\$880,000	0
39	W102	Town of Redington Beach	SW IMP – Water Quality – Town of Redington Beach Stormwater Retrofits Phase II	Μ	0	\$75,000	0
				-			

Recommended for Funding Total: \$7,256,268 \$26,489,142 \$201,193,567

Southwest Florida Water Management District

FY2022 Proposed Cooperative Funding Initiative Projects

March 1	8, 2021				Distin	FY2022	District
Page	Project Number	Cooperator	Project Name	Rank	District Prior Funding	District Funding	District Future Funding
Project	ts Ranked	Low and/or Not I	Recommended				
40	Q222	Pasco County	SW IMP – Flood Protection – Buzzard Lake	L	0	\$151,000	0
41	Q235	Pasco County	SW IMP – Flood Protection – Quail Hollow Blvd	L	0	\$400,000	\$3,127,623
			Not Recommended for Fundin	g Total:	0	\$551,000	\$3,127,623
			Tampa Bay Region	Total:	\$7,256,268	\$27,040,142	\$204,321,190

Project No. Q011	WMF	IP – Pithlachascotee/Bear Creek WMP									
Pasco County							FY2022				
Risk	Level:	Type 4			Multi-Y	ear Contract: Yes, Y	ear 3 of 3				
				Description							
Descri	ption:	Complete a Watershed in of service (Li funding will b	Watershe n Pasco (OS) dete pe used to	ed Management P County, through an rmination, and be o complete the flo	lan (WMP) update t nd including waters st management pra odplain analysis an	for the Pithlachascote hed evaluation, flood ctice (BMP) alternati d alternative analysis	ee River/Bear Creek plain analysis, level ve analysis. FY2022 s.				
Measurable Be	enefit:	The contract floodplains, e	ual Meas establishe	surable Benefit will es LOS, and evalu	be the completion ates BMPs to addr	of an updated WMP ess flooding concern	that identifies s in the watershed.				
(Costs:	Total project Pasco Coun District: \$800	: \$1,600,0 ty: \$800,0 0,000 with	000 000 n \$500,000 budge	ted in previous yea	rs and \$300,000 requ	uested in FY2022.				
				Evaluation							
Application Q	uality:	High	Applicat	ion included all the	e required informati	on identified in the C	FI Guidelines.				
Project Be	Project Benefit: Identific Medium flood ar include				roblems that exist in available and are f nediate stormwater	n the watershed and rom 5 to 10 years old systems.	solutions. Currently, , and the watershed				
Cost Effectiveness: High Proje 22,00 effectiveness:				roject cost per square mile is in the medium range of historic costs (less than 2,000/sq mi) for WMP updates completed in mixed urban/rural watersheds. Cost ffectiveness for multi-year projects is based upon the metrics in place when project as originally approved.							
Past Perform	ance:	Medium	Based u	ipon an assessme	nt of the schedule	and budget for the 19	ongoing projects.				
Complementary E	fforts:	Medium	Coopera	ator's Community	Rating System clas	s is 6 and is in the 6	to 9 range.				
Project Read	iness:	High	Project i	roject is ongoing and on schedule.							
				Strategic Goa	ls						
Strategic Goals: High Strategic Initiative - Floodplain Managedetermine local and regional floodplain in to support floodplain management deciss Strategic Initiative - Water Quality Assidate to determine local and regional watersource management decisions and resource management decis						ent: Collect and analy nation, flood protection nd initiatives. ment and Planning: aality status and trend tion initiatives. ion:Improve flood pro- lsborough Rivers and	vze data to on status and trends Collect and analyze ds to support otection in Lake I Pinellas County				
		(Overall F	Ranking and Reco	ommendation						
Fund as 1A F	Fund as 1A Priority This ongoing 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 enhance the planning of future development in the 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:	Туре 4			Multi-Y	ear Contract: Yes, Y	′ear 3 of 3			
				Description						
Descri	Description: Complete a Watersh County, through and service (LOS) deten funding will be used				ershed Management Plan (WMP) for the Hammock Creek Watershed in Pasco and including watershed evaluation, floodplain analysis, peer review, level of etermination, and best management practices (BMP) alternative analysis. FY2022 used to complete the WMP and BMP analysis.					
Measurable Be	enefit:	The Measura LOS, and ev	able Bene aluates fl	efit will be the com ooding concerns i	pletion of a WMP t n the watershed.	hat identifies floodpla	in, establishes			
(Costs:	Total project Pasco Coun District: \$900	cost: \$1, ty: \$900,0),000 with	800,000)00 1 \$600,000 budge	ted in previous yea	rs and \$300,000 requ	uested in FY2022.			
				Evaluation						
Application Q	Application Quality: 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 includes regional or intermediate stormwater systems.						
Cost Effective	eness:	Medium	Project o \$50,000 upon the	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	Based upon an assessment of the schedule and budget for the 19 ongoing projects.							
Complementary E	fforts:	Medium	Coopera	ator's Community	Rating System clas	s is 6 and is in the 6	to 9 range.			
Project Read	iness:	High	Project i	s ongoing and on	schedule.					
			-	Strategic Goa	ls					
Strategic (Goals:	High	Strategi determin to suppo Strategi data to o resource Tampa Tarpon, coastal	ic Initiative - Floc ne local and region ort floodplain mana ic Initiative - Wat determine local an e management de Bay Region Prion the Pithlachascot watersheds.	bdplain Managemen nal floodplain inform agement decision a er Quality Assess Id regional water qu cisions and restora rity: Flood Protect ee, Anclote and Hil	ent: Collect and analy nation, flood protection and initiatives. ment and Planning: ality status and trend tion initiatives. ion: Improve flood pro- lsborough Rivers and	vze data to on status and trends Collect and analyze ds to support rotection in Lake I Pinellas County			
			Overall F	Ranking and Rec	ommendation					
Fund as 1A Priority This ongoing project identifies flood risk in an area with no detailed study information available. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk and improve water quality, and to enhance the planning of future development in the project area.										
				Funding						
Fundin	ig Sou	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	ly – Nutrien	- Nutrient Source Tracking								
Pinellas County	1						FY2022				
Risk	Level:	Туре 3			Mul	i-Year Contract: Yes, Y	Year 3 of 3				
				Description							
Descri	iption:	Review exist McKay Cree developmen	ing water k, Allen's t of a con	rshed data and co Creek, and Curle ceptual plan to re	nduct additiona w Creek waters duce the nutrier	sampling to assess nu heds using isotope ana t sources.	rient loading into the ysis and				
Measurable Be	enefit:	The contract	ual Meas	urable Benefit will	be the complet	ion of this study.					
(Costs:	Total Project Pinellas Cou District: \$100	: Cost: \$2 nty: \$100),000 with	200,000 (Study)),000 n \$85,000 budgete	ed in previous y	ears and \$15,000 reque	sted in FY2022.				
				Evaluation							
Application Q	uality:	High	Applicat	ion included all the	e required inform	nation identified in the C	CFI Guidelines.				
Project Be	enefit:	High	The ben Creek, A impaired place. C watershe to Old T	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 mpaired for nutrients and McKay Creek and Curlew Creek have nutrient TMDLs in place. Curlew Creek watershed drains into northern Clearwater Harbor, McKay Cre watershed drains to southern Clearwater Harbor, and Allen's Creek watershed drain to Old Tampa Bay, a SWIM Priority Waterbody.							
Cost Effective	eness:	High	The cost	t effectiveness for	this study is co	mparable to past projec	ts.				
Past Perform	nance:	High	Based u	pon an assessme	ent of the sched	le and budget for the 1	4 ongoing projects.				
Complementary E	fforts:	High	Applicar	nt has an active st	orm water utility	that collects fees.					
Project Read	iness:	High	Project i	s ongoing and on	schedule.						
				Strategic Goa	ls						
Strategic (Goals:	High	Strategi data to o resource Tampa and Lake	ic Initiative - Wat determine local an e management de Bay Region Prior e Seminole.	er Quality Asso d regional wate cisions and rest rity: Improve La	essment and Planning r quality status and tren oration initiatives. ke Thonotosassa, Tam	: Collect and analyze ds to support pa Bay, Lake Tarpon				
			Overall R	Ranking and Rec	ommendation						
Fund as 1A F	Priority	The ongoing Clearwater H	study is larbor an	cost effective and d Old Tampa Bay	will continue to , a SWIM priorit	assess nutrients discha y water body.	irging into				
				Funding							
Fundin	ng Sou	rce		Prior	FY2022	Future	Total				
District				\$85,000	\$15,0	00 \$C	\$100,000				
Pinellas County				\$85,000	\$15,0	00 \$C	\$100,000				
Т	otal			\$170,000	\$30,0	00 \$0	\$200,000				

Project No. Q149	WMF	WMP – Coastal Zone 5 Watershed Management Plan									
Pinellas County							FY2022				
Risk	Level:	Туре 3			Multi-Y	ear Contract: Yes, Y	ear 2 of 3				
				Description							
Descri	ption:	Complete a County, thro determinatio alternatives a	a Watershed Management Plan (WMP) for the Coastal Zone 5 Watershed in Pinellas rough and including watershed evaluation, floodplain analysis, level of service (LOS) ion, surface water resource assessment (SWRA), and best management practice (BMP) s analysis. FY2022 funding will be used to conduct the floodplain analysis.								
Measurable Be	enefit:	The contractual Measurable Benefit will be the completion of a WMP that identifies floodplains, establishes LOS, performs SWRA, and evaluates BMPs to address flooding and water quality concerns in the watershed.									
(Costs:	Total project Pinellas Cou District: \$287 \$100,000 an	Total project cost: \$575,000 Pinellas County: \$287,500 District: \$287,500 with \$75,000 budgeted in previous years, \$112,500 requested in FY2022, and \$100,000 anticipated to be requested in future years.								
			_	Evaluation							
Application Q	uality:	High	Applicat	ion included all th	e required informat	ion identified in the C	FI Guidelines.				
Project Be	enefit:	High	The WMP will analyze flooding problems that exist in the watershed. Current analysis models are not available or are over 10 years old, and the watershe includes regional or intermediate stormwater systems.								
Cost Effectiveness: Project \$69,00 Medium cost for past fer modelin				cost per square m and \$93,500/sq r this urban watersl / years and priority g of the adjacent v	ile is in the medium ni) for WMPs comp ned is justified due / to have reasonab watershed studies i	n range of historic cos leted in urban waters to the flooding in the le floodplain results ir n Pinellas County.	its (between heds. The higher watershed over the ncorporating				
Past Perform	nance:	High	Based u	ipon an assessme	ent of the schedule	and budget for the 14	ongoing projects.				
Complementary E	fforts:	High	Coopera	ator's Community	Rating System clas	s is 5 and is in the 5	or less range.				
Project Read	iness:	High	The proj	project is ongoing and on schedule.							
			ī	Strategic Goa	ls						
Strategic (Goals:	High	Strategi determin to suppo Strategi data to o resource Tampa Tarpon, coastal	ic Initiative - Floc ne local and region ort floodplain mana ic Initiative - Wat determine local an e management de Bay Region Prion the Pithlachascot watersheds.	bdplain Manageme nal floodplain inform agement decision a er Quality Assess Id regional water qu cisions and restora rity: Flood Protect ee, Anclote and Hil	ent: Collect and analy nation, flood protectic and initiatives. ment and Planning: uality status and trend tion initiatives. ion: Improve flood pu Isborough Rivers and	vze data to on status and trends Collect and analyze ds to support rotection in Lake I Pinellas County				
			Overall F	Ranking and Rec	ommendation						
Fund as 1A F	Priority	This ongoing available, an implement so of future dev	g project i nd the res olutions the relopment	dentifies flood risk ulting product will hat alleviates flood t in the Coastal Zo	t in an urban area were be utilized for flood d risk and improve wone 5 Watershed.	vith no detailed study l insurance determina water quality, and enl	information ation, will help nance the planning				
				Funding							
Fundin	ig Sou	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	MP – 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											
Descri	Description: Complete a Waters through and includin analysis, Level of S alternative analysis, and BMP analysis.				hed Management Plan (WMP) for the City of Seminole in Pinellas County, ng watershed evaluation including a full stormwater inventory, floodplain ervice determination (LOS), and Best Management Practices (BMPs) . FY2022 funding will be utilized to develop the Watershed Management Plan						
Measurable Benefit: The contractual Mea establishes LOS, an Watershed.				urable Benefit wil evaluates BMPs	l be the completion to address flooding	of a WMP that identi concerns in the City	fies floodplains, of Seminole				
Costs: Total project cost: City of Seminole: \$ District: \$250,000				00,000 0,000 n \$125,000 budge	ted in previous yea	rs and \$125,000 requ	uested in FY2022.				
				Evaluation							
Application Q	uality:	High	h Application included all of the required informtion identified in the CFI guidelines.								
Project Benefit: High High High				[/] MP will analyze flooding problems that exist in the watershed. Currently, the analysis models are not available or over 10 years old, and the watershed es regional or intermediate stormwater systems. The City watershed is one of strict's top 20 priority watersheds for WMP updates.							
Cost Effective	Project cost per square mile is in the medium range for costs (between \$66,00 \$87,000/sq mi) for WMPs completed in urban watersheds.						ween \$66,001 and				
Past Perform	ance:	High	Based o high.	n the cooperator l	naving no ongoing p	projects with the Dist	rict they are ranked				
Complementary E	fforts:	Low	Coopera	ator does not parti	cipate in the Comm	unity Rating System					
Project Read	iness:	High	Project of	ct ongoing and on schedule.							
				Strategic Goa	ls						
Strategic (Goals:	High	Strategi determir to suppo Tampa and Lak	ic Initiative - Floc ne local and region ort floodplain mana Bay Region Prion e Seminole.	odplain Manageme nal floodplain inforn agement decision a rity: Improve Lake	ent: Collect and analy nation, flood protectic nd initiatives. Thonotosassa, Tamp	rze data to in status and trends ia Bay, Lake Tarpon				
			Overall F	Ranking and Rec	ommendation						
Fund as 1A F	Fund as 1A 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 require 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	y – McKay 🤇	y – McKay Creek Model Update, Alternatives Analysis and Feasibility Study								
Pinellas County			FY2022								
Risk	Level:	Туре 3			Multi-	/ear Contract: Yes, Y	/ear 2 of 2				
				Description							
Descri	Develop a Pr Practices (Bl as recomme Analysis (N3 flood protect requirements	reliminary Engineering Report (PER) that evaluates proposed Best Management VIP) in the McKay Creek Watershed in Pinellas County. These projects were identified ndations in the prior McKay Creek Best Management Practices (BMP) Alternatives 73) and other studies. The project will provide more detail and refine water quality and ion benefits, project costs, property rights/acquisition needs, and permitting/mitigation a for proposed BMPs.									
Measurable Be	The contract alternatives t	ual Meas to reduce	urable Benefit wil flooding and imp	l be the completion rove water quality	n of the study and a P within the McKay Cre	ER that evaluates ek Watershed.					
Costs: Total project co Pinellas County District: \$260,00				20,000 (study)),000 n \$130,000 budge	ted in previous ye	ars and \$130,000 req	uested in FY2022.				
				Evaluation							
Application Q	uality:	High	Applicat	ion included all th	e required informa	tion identified in the C	FI Guidelines.				
Project Be	Medium	The proj for flood are avai intermed	ect benefit is a stu protection and wa lable and are from diate stormwater s	udy that will evalua ater quality improv n 5 to 10 years old systems.	ate stormwater improv ement. Currently, floo , and the watershed ir	ement alternatives d analysis models ncludes regional or					
Cost Effectiveness: Medium Project alterna combir				ject cost per square mile is greater than historic costs for model updates with an ernative analyses. Costs are comparable to other feasibility studies. Project nbines elements of each of these project types.							
Past Perform	nance:	ce: High Based upon an assessment of the schedule and budget for the 14 ongoing pro									
Complementary E	fforts:	High	Coopera	ator's Community	Rating system cla	ss is 5 and is in the 5	or less range.				
Project Read	iness:	High	Project i	s ongoing and on	schedule.						
				Strategic Goa	ls						
Strategic Goals: High Strateg determine to support Strateg data to or resource Tampa and Lak Tampa Tarpon, coastal				ic Initiative - Floc ne local and region ort floodplain mana ic Initiative - Wat determine local an e management de Bay Region Prio r e Seminole. Bay Region Prio r the Pithlachascot watersheds.	adplain Managem nal floodplain infor agement decision er Quality Asses id regional water of cisions and restor rity: Improve Lake rity: Flood Protect ee, Anclote and H	ent: Collect and analymation, flood protection and initiatives. sment and Planning: uality status and trend ation initiatives. Thonotosassa, Tamp tion: Improve flood p illsborough Rivers and	/ze data to on status and trends Collect and analyze ds to support oa Bay, Lake Tarpon rotection in Lake d Pinellas County				
		(Overall F	Ranking and Rec	ommendation						
Fund as 1A F	Fund as 1A 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	ig Sou	rce		Prior	FY2022	Future	Total				
District				\$130,000	\$130,000	\$0	\$260,000				
Pinellas County				\$130,000	\$130,000	\$0	\$260,000				
Т	otal			\$260,000	\$260,000	\$0	\$520,000				

Project No. Q196	Stud	y – Joe's C	reek Mo	del Update, Alt	ernatives Analy	sis and Feasibility	/ Study			
Pinellas County		FY2022								
Risk	Level:	Туре 3			Multi-Y	′ear Contract: Yes, Y	′ear 2 of 3			
				Description						
Descri	ption:	Develop a P practices (BI the prior Joe Analysis (N5 and flood pro permitting/m	reliminary MPs) in th 's Creek ' 516). Stud otection b itigation r	The project costs, property rights/acquisition needs, and measured to provide the model of the project costs were identified in the Watershed Improvement Plan Best Management Practice (BMP) Alternatives udy will refine the model, provide more detail for water quality, natural systems benefits, project costs, property rights/acquisition needs, and requirements for proposed BMPs.						
Measurable Benefit: The contractual Measurable Benefit: The contractual Me Engineering Report natural systems with			ual Meas Report to ms withir	urable Benefit wil evaluate alternat hthe Joe's Creek	l be the completion ives to reduce floo Watershed.	of the study and a P ding, improve water o	reliminary juality and enhance			
	Total project Pinellas Cou District: \$360 \$90,000 anti	cost: \$72 inty: \$360),000 with cipated to	20,000 (study)),000 n \$180,000 budge o be requested in	ted in previous yea future years.	ars, \$90,000 requeste	d in FY2022 and				
				Evaluation						
Application Q	uality:	High	Applicat	ion included all th	e required informat	ion identified in the C	FI Guidelines.			
Project Benefit: The pro for floor are ava interme				ect benefit is a stu protection and wa lable, are less tha diate stormwater s	udy that will evalua ater quality improve n 5 years old, and systems.	te stormwater improv ement. Currently, floo the watershed include	ement alternatives d analysis models es regional or			
Cost Effectiveness: Project Medium Alternaticombin				cost per square m ve analyses. Cost es elements of bot	ile is greater than l s are comparable h project types.	nistoric costs for mode to other feasibility stud	el updates with an dies. Project			
Past Perform	nance:	High	Based u	pon an assessme	ent of the schedule	and budget for the 14	ongoing projects.			
Complementary E	fforts:	High	Coopera	ator's Community	Rating system clas	s is 5 and is in the 5 o	or less range.			
Project Read	iness:	High	Project i	s ongoing and on	schedule.					
			i -	Strategic Goa	ls					
Strategic (Goals:	High	Strategi determir to suppo Strategi data to o resource Tampa and Lak Tampa Tarpon, coastal	ic Initiative - Floc ne local and region ort floodplain mana ic Initiative - Wat determine local an e management de Bay Region Prion e Seminole. Bay Region Prion the Pithlachascot watersheds.	bdplain Managem hal floodplain informagement decision a er Quality Assess d regional water q cisions and restora rity: Improve Lake rity: Flood Protec ee, Anclote and Hi	ent: Collect and analy nation, flood protectio and initiatives. ment and Planning: uality status and trend ation initiatives. Thonotosassa, Tamp tion: Improve flood pu llsborough Rivers and	vze data to on status and trends Collect and analyze ds to support ha Bay, Lake Tarpon rotection in Lake I Pinellas County			
			Overall R	Ranking and Rec	ommendation					
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	ig Sou	rce		Prior	FY2022	Future	Total			
District				\$180,000	\$90,000	\$90,000	\$360,000			
Pinellas County				\$180,000	\$90,000	\$90,000	\$360,000			
Т	otal			\$360,000	\$180,000	\$180,000	\$720,000			

Project No. Q199	WMF	P – Starkey	Road W	MP Update						
Pinellas County	FY2022									
Risk	Level:	Туре 3				Multi-Y	ear Contract: Yes, Y	′ear 2 of 3		
				Description						
Description: Complete a compre Pinellas County, th (LOS) determinatio (BMP) alternatives and natural system evaluation and beg				nprehensive update to the Starkey Road Watershed Management Plan (WMP) in /, through and including watershed evaluation, floodplain analysis, level of service lation, surface water resource assessment (SWRA), and best management practice ves analysis. The study will result in recommendations for drainage, water quality items improvement projects. FY2022 funding will be used to complete the watershed begin the floodplain analysis phase						
Measurable Benefit: The contractual Mea floodplains, establish and improve water q				urable Benefit wil es LOS, performs ality and enhance	l be the com SWRA, and natural sys	npletion l evalua stems in	of an updated WMP tes BMPs to address the watershed.	that identifies flooding concerns,		
	Costs:	Total project Pinellas Cou District: \$250 \$75,000 anti	Total project cost: \$500,000 Pinellas County: \$250,000 District: \$250,000 with \$75,000 budgeted in previous years, \$100,000 requested in FY2022, and \$75,000 anticipated to be requested in future years.							
				Evaluation						
Application Q	uality:	High	Applicat	ion included all th	e required ir	nformati	on identified in the C	FI Guidelines.		
Project Be	enefit:	Medium	The WM flood and includes	IP will re-evaluate alysis models are regional or intern	flooding pro available an nediate storn	oblems nd are fi mwater	that exist in the wate rom 5 to 10 years old systems.	rshed. Currently, , and the watershed		
Cost Effectiveness: Project \$40,00 Low urbani evaluat water				oject cost per square mile is in the high-range of historic costs (greater than 0,000/sq. mi.) for WMP updates completed in urban watersheds. This is a heavily banized watershed and will require a high level of effort during the watershed raluation and floodplain analysis phases of the project. This study will also include ater quality and natural systems components.						
Past Perform	nance:	High	Based u	pon an assessme	ent of the scl	hedule a	and budget for the 14	ongoing projects		
Complementary E	fforts:	High	Coopera	ator's Community	Rating System	em clas	s is 5 and is in the 5	or less range.		
Project Read	iness:	High	The proj	ect is ongoing an	d on schedu	ıle.				
				Strategic Goa	ls					
Strategic Goals: High Strategic Initiative - Water Quality Assessment and Planning: Collect and a 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: Deva and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to min flood damage while preserving the water resource. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake and Lake Seminole. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lata Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas Couporatel water metabolic.							Collect and analyze is to support vement: Develop d improve flood actures to minimize a Bay, Lake Tarpon rotection in Lake I Pinellas County			
			Overall R	Ranking and Rec	ommendati	on				
Fund as 1A F	Priority	This ongoing flooding and model updat Water Qualit	g project v improve e and alte y and Na	will complete a stu water quality in th ernatives analysis tural Systems cor	dy to evalua e Starkey R . In addition nponents.	ate and toad Wa to Floo	further define solutio atershed. It combines d Protection this upd	ns to reduce elements of a ate will also include		
	Funding									
Fundin	ig Sou	rce		Prior	FY202	22	Future	Total		
District				\$75,000	\$1	00,000	\$75,000	\$250,000		
Pinellas County				\$75,000	\$1	00,000	\$75,000	\$250,000		
Т	otal			\$150,000	\$2	00,000	\$150,000	\$500,000		

Project No. Q210	SW I	W IMP – Flood Protection – Griffin Park Flood Abatement Project											
Pasco County							FY2022						
Risk	Level:	Туре 3			Multi-Y	ear Contract: Yes, Y	ear 2 of 2						
	Description												
Descri	ption:	Design, pern Griffin Park r flooding in re Watershed N	nitting, and construction of a pond and conveyance system to divert water from the neighborhood south to Bear Creek. The project was selected based on repetitive ecent years and the floodplain information from the Pithlachascotee/Bear Creek Management Plan (WMP). FY2022 funds will be used for construction.										
Measurable Be	enefit:	The contract system in the	ual Meas e area of	urable Benefit wil Griffin Park. Cons	be the construction truction will be in a	n of a pond and storn ccordance with perm	nwater conveyance itted plans.						
(Costs:	Total project Pasco Count District: \$900	costs: \$1 ty: \$900,0),000 with	l,800,000 (design 000 1 \$195,000 budge	, permitting, and co ted in previous yea	nstruction) rs and \$705,000 requ	uested in FY2022.						
				Evaluation									
Application Q	uality:	High	Applicat	ion included all th	e required informati	on identified in the C	FI Guidelines.						
Project Benefit: The Re the 100 High the pro Ancillar benefit:				source Benefit of t year, 24-hour stor ect area and the p v water quality ber	his project will redu m event. Structure roject impacts the r nefits were demons	ce the existing floodi and street flooding c egional or intermedia trated along with the	ng problem during urrently occurs in te drainage system. flood protection						
Cost Effectiveness: High Benefit/Cost ratio is greater than or equal to 1. Benefits include avoid structures and roads.							oided damages to						
Past Perform	Past Performance: Medium Based upon an assessment of the schedule and budget for the 19 ongoing projects												
Complementary E	fforts:	Medium	Coopera	ator's Community	Rating System clas	s is 6 and is in the 6	to 9 range.						
Project Read	iness:	High	Project i	s ongoing and on	schedule.								
				Strategic Goa	ls								
Strategic (Goals:	High	Strategi impleme Strategi and impl protectic flood da Tampa Tarpon, coastal v	ic Initiative - Wat ent programs, proj ic Initiative – Flo lement programs, on, and operate D mage while prese Bay Region Prio the Pithlachascot watersheds.	er Quality Mainten ects and regulation od Protection Main projects and regula istrict flood control a rving the water reso rity: Flood Protect ee, Anclote and Hill	ance and Improven s to maintain and imp ntenance and Impro ations to maintain and and conservation stru- purce. ion: Improve flood pr Isborough Rivers and	nent: Develop and prove water quality. vement: Develop d improve flood ctures to minimize rotection in Lake I Pinellas County						
			Overall R	Ranking and Rec	ommendation								
Fund as 1A Priority 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	ig Sou	rce		Prior	FY2022	Future	Total						
District				\$195,000	\$705,000	\$0	\$900,000						
Pasco County				\$195,000	\$705,000	\$0	\$900,000						
Т	otal			\$390,000	\$1,410,000	\$0	\$1,800,000						

Project No. Q213	Hills	lillsborough County SCADA System								
Hillsborough County	1						FY2022			
Risk	Level:	Туре 3			Multi-Y	ear Contract: Yes, Y	ear 2 of 2			
	Description									
Descri	ption:	Implementat on the previo the County of gained from preparation to locations three	ion of rea busly func loes not p this conn or storm bughout l	al-time water level monitoring systems throughout Hillsborough County, based ded feasibility study Q001. The current density of real-time gauges through provide suitable flood information that the County requires. The information nected monitoring system will be used to help make critical decisions in events. FY2022 funding will be used to construct new SCADA enabled gauge Hillsborough County.						
Measurable Be	enefit:	The contract monitoring s	e 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	cost: \$1, County:),000 with	800,000 (construc \$900,000 1 \$200,000 budge	tion of SCADA mo	nitoring system) rs and \$700,000 requ	lested in FY2022.			
				Evaluation						
Application Q	uality:	High	Applicat	ion included all the	e required informati	on identified in the C	FI Guidelines.			
Project Be	enefit:	High	The ben monitori system v	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 monitoring 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 i	s ongoing and on	schedule.					
				Strategic Goa	ls					
Strategic (Goals:	High	Strategi determir to suppo Strategi and impl protectio flood da Tampa I Tarpon, coastal	ic Initiative - Floc ne local and region ort floodplain mana ic Initiative – Floo lement programs, on, and operate Di mage while prese Bay Region Prion the Pithlachascot watersheds.	adplain Manageme mal floodplain inform agement decision a od Protection Main projects and regula strict flood control a rving the water reso rity: Flood Protect ee, Anclote and Hill	nt: Collect and analy nation, flood protectio nd initiatives. ntenance and Impro ations to maintain and and conservation stru burce. ion: Improve flood pr sborough Rivers and	rze data to in status and trends vement: Develop d improve flood ictures to minimize rotection in Lake I Pinellas County			
			Overall R	Ranking and Rec	ommendation					
Fund as 1A F	A 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	ig Sou	rce		Prior	FY2022	Future	Total			
District				\$200,000	\$700,000	\$0	\$900,000			
Hillsborough County				\$200,000	\$700,000	\$0	\$900,000			
Т	otal			\$400,000	\$1,400,000	\$0	\$1,800,000			

Project No. W211	Rest	oration – W	eedon l	sland Tidal Ma	rsh				
Pinellas County							FY2022		
Risk	Level:	Туре 3			Multi-Y	ear Contract: Yes, Y	ear 2 of 3		
				Description	<u> </u>				
Descri	iption:	Design, pern hydrologic re improve circu Island Prese	nitting, an estoration ulation, ar rve. This	nd construction of through elimination nd restoration of c project is within th	a natural system re on of stagnant ditcl liurnal sheet flow b ne Tampa Bay wat	estoration project which hes, dredging of exist y removing spoil mou ershed, a SWIM prior	ch includes ing ditches to nds in the Weedon ty 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 \$288,842 an	t Cost: \$9 inty: \$468 3,900 with ticipated	37,800 (Design, p 3,900 1 \$56,268 request to be requested ir	permitting, and con ed in previous yea n future years.	struction) rs, \$123,790 requeste	ed in FY22, and		
				Evaluation					
Application Q	uality:	High	Applicati	ion included all th	e required informat	ion identified in the C	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	pon an assessme	ent of the schedule	and budget for the 14	ongoing projects.		
Complementary E	fforts:	High	Applican the prop other co	nt has an exotic re erty, maintains "n mplementary effo	moval/treatment p ature parks" or "op rts that preserve o	ogram, a Land Mana en space" within its p restore natural syste	gement Plan for the ark system, and has ms.		
Project Read	iness:	High	Project i	s ongoing and on	schedule.				
				Strategic Goa	ls				
Strategic (Goals:	High	Strategi of natura Tampa I and Lake	ic Initiative - Con al ecosystem for t Bay Region Prio e Seminole.	servation and Re ne benefit of water rity: Improve Lake	storation: Restoratio and water-related res Thonotosassa, Tamp	n and maintenance ources. a Bay, Lake Tarpon		
			Overall R	Ranking and Rec	ommendation				
Fund as 1A F	Priority	The ongoing Bay watersh	project is ed, a SW	s cost effective an IM priority water b	d will restore 42 ac oody.	res of natural system	s within the Tampa		
				Funding					
Fundin	ng 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	N IMP – Flood Protection – Southeast Seminole Heights Flood Relief									
City of Tampa			FY2022								
Risk	Level:	Туре 3			Multi-	′ear Contract: Yes, Y	′ear 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, ar ly 780 ac River Da onstruct a us floodir include u reatment s project l iction.	nd construction of res of urban envir am in the Southea and implement sev ng on critical evac psizing existing pi systems for wate has a construction	regional stormwat onment dischargin st Seminole Heigh veral flood relief ef uation routes and pes, installing high r quality purposes. a cost greater than	er improvements to se g into the Hillsboroug ts area of the City of T forts in the watershed in residential neighbor ier capacity trunklines The District required \$5 million. The FY202	rve an area of h River south of the l'ampa. The City's to alleviate frequent rhoods. 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 basin. onstruction will be in accordance with permitted plans.								
0	Costs:	Total concep City of Tamp	otual proje a: \$11.75	ect cost: \$23,500,0 50,000	000 (design, TPR,	permitting and constr	uction).				
		District: \$11, FY2022, and	750,000 I \$250,00	with \$4,000,000 b 0 anticipated to b	udgeted in previou e requested in futu	is years, \$7,500,000 r ire years.	equested in				
				Evaluation							
Application Q	uality:	High	Applicat	ion included all th	e required informa	tion identified in the C	FI Guidelines.				
Project Be	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 current 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:	Medium	Benefit/0 avoided	Cost ratio is less t damages to struc	han 1, but greater tures and roads.	than or equal to 0.7. E	3enefits include				
Past Perform	nance:	High	Based o	n an assessment	of the schedule ar	nd budget for the 7 on	going projects.				
Complementary E	fforts:	High	Coopera	ator's Community	Rating System cla	ss is 5 and is in the 5	or less range.				
Project Read	iness:	High	The proj	ect is ongoing an	d on schedule.						
				Strategic Goa	ls						
Strategic (Goals:	High	Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water quality. 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: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County protection water protection.								
			Overall F	Ranking and Rec	ommendation						
Fund as a High F	Fund as a High 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	ig Sou	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 Sou	thern Hills	sborou	ւցի Co. Booster Pւ	ump Station			
твw		FY2022									
Risk	Level:	Туре 2			ſ	Multi-Ye	ear Contract: Yes, Ye	ear 2 of 3			
Description											
Descri	nitting and ne region nto an exi crease th 2021 inc onstructio y April 30	d construction of a al Delivery Point of isting 30" Brandor ne net gain in trans sluded third-party (on estimate greate), 2021.	a potable wa of Connectio n-South Cen smission line (TPR) review er than \$5 m	ater boo n at the tral Tra e flow b w and p nillion do	ster pump station to in Lithia Water Treatmensmission Main. The y approximately 5 – 7 portion of design as th bllars. 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	The contractual Measurable Benefit if constructed, will be an increase of available alternative s supply by 5 – 7 MGD at the Lithia Point of connection to support Tampa Bay Water (TBW) reg water supplies goals.								
(Costs:	Total concep Tampa Bay District: \$3,5 \$2,550,000 a	tual proje Vater: \$3 50,000 w anticipate	ect cost: \$7,100,00 3,550,000 rith \$500,000 requ d to be requested	00 (TPR, de lested in pre in future ye	sign, pe vious ye ars.	ermitting and construc ears, \$500,00 request	tion) ted in FY2022, and			
				Evaluation							
Application Q	uality:	High	Applicat	ion included all the	e required in	nformati	on identified in the CF	I Guidelines.			
Project Be	enefit:	High	The ben alternati project v Connect	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	The cost effectiveness is reasonable and consistent with previous cooperative funding average costs for similar projects.								
Past Perform	ance:	High	Based u	pon an assessme	ent of the sch	nedule a	and budget for the 5 o	ngoing projects.			
Complementary E	fforts:	High	TBW pro Pinellas	ovides wholesale and the cities of N	drinking wat New Port Ric	er to the chey, Ta	e counties of Hillsbord ampa, and St. Petersb	ough, Pasco and ourg.			
Project Read	iness:	High	The proj review a	ect is ready to be and approval by th	gin on or bet e District Go	fore De overning	cember 1, 2021, pend g Board in May 2021.	ling third-party			
				Strategic Goa	ls						
Strategic (Goals:	High	Strategi alternati Strategi promote reasona	ic Initiative - Alte ve sources of wat ic Initiative - Reg e consensus on the ble and beneficial	rnative Wat er to ensure ional Water e strategies water suppl	ter Sup ground r Supply and res ly needs	plies: Increase develo lwater and surface wa y Planning: Identify, o cources necessary to r s	opment of iter sustainability communicate and meet future			
			Overall R	Ranking and Rec	ommendati	on					
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							
Fundin	g Sou	rce		Prior	FY202	22	Future	Total*			
District				\$500,000	\$50	00,000	\$2,550,000	\$3,550,000			
TBW				\$500,000	\$50	00,000	\$2,550,000	\$3,550,000			
Т	otal			\$1,000,000	\$1,0	00,000	\$5,100,000	\$7,100,000			

Project No. Q190	SW I Regi	MP – Flood on	Protect	tion – Lower Pe	ninsula Storm	water Improvements	s - Southeast			
City of Tampa							FY2022			
Risk	Level:	Туре 3			Multi	Year Contract: Yes, Ye	ear 2 of 4			
				Description						
Description: This project is for des MacDill 48 ELAPP pr outfall in Tampa Bay. The District required than \$5 million dollars				ign, permitting and operty, which will s Funding was appr a third party review s. The FY2022 fund	I construction of erve as flood sto oved in FY21 for because the co ding request is fo	stormwater conveyance rage, then a conveyance a third party review of t nceptual construction es or design and construction	lines south to the ce line east to an the 30% design. stimate is greater on.			
Measurable B	enefit:	The contract to reduce flo accordance	tual Meas oding in a with perm	urable Benefit will approximately 5,50 nitted plans.	be the construct 8 acres of highly	ion of drainage conveya r-urbanized basin. Cons	ance system BMPs truction will be in			
	Costs:	Total concept construction City of Tamp District: \$12, and \$6,465,0	Total conceptual project cost: \$25,000,000 (design, third-party review (TPR), permitting and construction) City of Tampa: \$12,500,000 District: \$12,500,000 with \$35,000 budgeted in previous years, \$6,000,000 requested in FY20 and \$6,465,000 anticipated to be requested in future years.							
			Evaluation							
Application Q	uality:	High	Application included all the required information identified in the CFI Guidelines.							
Project B	enefit:	High	The Res problem the proje Ancillary benefits	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 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/0	Cost ratio is less th	an 1, but greate	r than or equal to 0.7.				
Past Perform	nance:	High	Based o	n an assessment o	of the schedule a	nd budget for 7 ongoin	g projects.			
Complementary E	fforts:	High	Coopera	ator's Community F	Rating System cl	ass is 5 and is in the 5 c	or less range.			
Project Read	iness:	High	Project i	s ongoing and on	schedule.					
				Strategic Goal	s					
Strategic (Goals:	High	Strategi and imp protection flood da Tampa Tarpon, coastal	ic Initiative – Floc lement programs, on, and operate Dis mage while preser Bay Region Prior the Pithlachascote watersheds.	od Protection M. projects and reg strict flood contro ving the water re ity: Flood Prote ee, Anclote and H	aintenance and Improv ulations to maintain and and conservation struc- source ction: Improve flood pro fillsborough Rivers and	/ement: Develop improve flood ctures to minimize otection in Lake Pinellas County			
			Overall F	Ranking and Reco	ommendation					
Fund as a High I	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	ng Sou	rce		Prior	FY2022	Future	Total*			
District				\$35,000	\$6,000,00	0 \$6,465,000	\$12,500,000			
City of Tampa				\$35,000	\$6,000,00	0 \$6,465,000	\$12,500,000			
Т	otal			\$70,000	\$12,000,00	0 \$12,930,000	\$25,000,000			

Project No. Q220	SW I Draii	MP – Flood nage Improv	Protect vements	tion – 7th Stree	et North, 50th Av	enue North Vicini	ty Storm		
City of St. Petersburg	1						FY2022		
Risk	Level:	Туре 3			Multi-Y	ear Contract: No			
				Description	1				
Description: Third-party review (T neighborhood west of canal. The proposed and increased conver project has a construi finish design of the pri provide necessary int TPR, FY2022 funds of				PR) and additiona 4th Street North drainage improve vance capacity vision cost estimat oject prior to Octo ormation to supp vould also be use	I construction for st between 50th Aven ements include low a enlarged conduits e greater than \$5 m ober 2021. The FY2 ort future funding. If d for construction.	ormwater improveme ue North and the 54t impact development . The District required illion dollars. The City 022 funding request approved by the Gov	nts for the h Avenue North (LID) techniques I a TPR as this y is expected to is for TPR to /erning Board after		
Measurable B	enefit:	The contract project to con Avenue Nort	ual Meas nstruct st h in St Pe	urable Benefit wi ormwater drainaq etersburg to redu	nal design package for the vicinity of 7th Stre eet flooding.	or the proposed eet North and 50th			
	Costs:	Total concep City of St. Pe match if app District: \$2,7 the Governin	otual proje etersburg roved for 28,500; 7 ng Board	ect cost: \$5,457,0 : \$2,728,500 (inc further funding) ⁻ he Cooperator h following TPR an	00 (TPR, land acqu uding \$300,000 in l as requested \$1,50 d \$1,228,500 anticij	iisition and constructi and acquisition to be 0,000 for FY2022 fun pated to be requested	on) used as cooperator ding, if approved by d 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	High The Resource Benefit of this project, if constructed, will reduce the existing flooding problem during the 100 year-24 hour 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/0 structure	Cost ratio is greates and roads.	er than or equal to	1. Benefits include av	oided damages to		
Past Perform	nance:	High	Based o	n an assessmen	of the schedule an	d budget for 10 ongo	ing projects.		
Complementary E	fforts:	High	Coopera	ator's Community	Rating System clas	s is 5 and is in the 5	or better range.		
Project Read	iness:	High	Project i	s ready to begin	on or before Decem	ber 1, 2021.			
				Strategic Go	als				
Strategic (Goals:	High	Strategi and imp protectic flood da Tampa Tarpon, coastal	ic Initiative – Flo lement programs on, and operate D mage while prese Bay Region Prio the Pithlachasco watersheds.	od Protection Main , projects and regular istrict flood control a erving the water rese rity: Flood Protect tee, Anclote and Hil	ntenance and Impro ations to maintain and and conservation stru- ource. ion: Improve flood pr Isborough Rivers and	vement: Develop d improve flood ictures to minimize rotection in Lake d Pinellas County		
			Overall F	Ranking and Rec	ommendation				
Fund as a High I	d as a High Priority 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					
Fundir	ng 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, permitting, ar improve the intermed Pines Community, loc FY2022 funds would				nd construction of ate or regional sto cated within the Ha be used for design	flood protection bes prmwater system in ammock Creek Wat n.	st management pract the vicinity of Lafitte ershed in Pasco Cou	ices (BMPs) to Dr. in the Sea inty. Requested				
Measurable Be	enefit:	The contract BMPs. Cons	ne contractual Measurable Benefit will be the design, permitting and construction of stormwater MPs. Construction will be done in accordance with permitted plans.								
(Costs:	Total Project Pasco Count District: \$1,8 requested in	Fotal Project Cost: \$3,762,834 (land acquisition, design, permitting, and construction) Pasco County: \$1,881,417 (includes \$250,000 of land acquisition costs as funding match) District: \$1,881,417 with \$250,000 requested in FY2022 and \$1,631,417 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:	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	High The Cooperator has provided a benefit cost analysis that is greater than 1.								
Past Perform	nance:	Medium	Based u	pon an assessme	nt of the schedule a	and budget for the 19	ongoing projects.				
Complementary E	fforts:	Medium	Coopera	ator's Community	Rating System clas	s is 6 and is in the 6	to 9 range.				
Project Read	iness:	High	Project i	s ready to begin c	n or before Decem	ber 1, 2021.					
				Strategic Goa	ls						
Strategic (Goals:	High	Strategi and imp protectic flood da Tampa Tarpon, coastal v	ic Initiative – Flo lement programs, on, and operate D mage while prese Bay Region Prior the Pitlachascote watersheds.	od Protection Mair projects and regula strict flood control a rving the water reso rity: Flood Protect e, Anclote and Hills	ntenance and Impro ations to maintain and and conservation stru burce ion: Improve flood pr borough Rivers and	vement: Develop d improve flood loctures to minimize rotection in Lake Pinellas County				
			Overall R	Ranking and Rec	ommendation						
Fund as a High F	Priority	This project of the Sea Pine hour event the the sea Pine hour event the sea Pine hour event the	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	ig 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				
Т	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-Y	ear Contract: Yes, Y	ear 1 of 3			
Description										
Description: Conduct a feasibility flow events, options improve flow to Sulp				study to investigat o store and treat e ur Springs and ult	e routing excess su excess storm water, imately the Lower I	rface water from Cur and mechanisms to Hillsborough River.	iosity Creek high reduce salinity and			
Measurable Be	enefit:	The contract natural syste	ual Meas ms and i	urable Benefit wil	l be the completion ater quality and floc	of the study addressi ding.	ing enhancement of			
(Costs:	Total project City of Tamp District: \$320 future years.	costs: \$6 a: \$320,0),000 with	640,000 (study) 000 n \$125,000 reque	sted in FY2022 and	\$195,000 anticipated	d to be requested in			
				Evaluation						
Application Q	uality:	Medium	Applicat District F	ion included most PM/CM had to wo	of the required info rk with cooperator t	ormation 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 reduce salinity increases in Sulphur Springs and providing additional freshwater flow to the Lower Hillsborough River. Additional benefits to be evaluated are reducing a local flooding issue at Ewanowski Springs and improved stormwater quality. The resource benefits will be clearly defined as a part of the project.							
Cost Effective	eness:	High	ligh The cost of this project is similar to other projects of similar scope.							
Past Perform	nance:	High	Based u	pon an assessme	nt of the schedule	and budget for the 7 o	ongoing projects.			
Complementary E	fforts:	High	The app water qu	licant has four or uality, flood protec	more complementa tion and natural sys	ry efforts in the areas stems.	s of water supply,			
Project Read	iness:	Medium	Project i	s ready to begin o	on or before March	1, 2022.				
				Strategic Goa	ls					
Strategic (Goals:	High	Strategi of natura Tampa Strategie	ic Initiative - Con al ecosystems for Bay Region Prio es.	servation and Res the benefit of water rity: Implement Mir	storation: Restoration and water-related re imum Flow and Leve	n and maintenance sources. I (MFL) Recovery			
			Overall F	Ranking and Rec	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 benefits, 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	ig Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$125,000	\$195,000	\$320,000			
City of Tampa				\$0	\$125,000	\$195,000	\$320,000			
Т	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, Y	ear 1 of 8			
				Description						
Descri	Description: 30 % design and thir additional alternative Hillsborough County. expected to have a n water supplies under as this project has a				R) of a potable wate a Bay Water's High interconnection will city of 65 MGD. The conditions. District f iction estimate grea	er transmission intero Surface Water Pump be approximately 26 e pipeline will deliver funding is for 30% de ater than \$5 million do	connection to supply Station to miles long and only alternative sign plans and TPR ollars.			
Measurable Be	enefit:	The contract	The contractual Measurable Benefit will be the completion of the 30% design plans.							
	Costs:	Total project Tampa Bay V District: \$4,4 cost, includir Tampa Bay V years.	cost: \$8, Vater: \$4 59,207 w ng design Vater wil	918,414 (30% des 4,459,207 rith \$4,459,207 red 1, TPR, permitting I request funding t	sign and TPR) quested in FY2022. and construction is to complete design,	The conceptual estir \$290,108,000. It is a permitting and const	nate for total project nticipated that ruction in future			
				Evaluation						
Application Q	uality:	High	Applicat	ion included all the	e required informati	on identified in the C	FI Guidelines.			
Project Be	enefit:	High	The ben to a high	efit of this project, growth area of T	if constructed, will ampa Bay Water.	be to provide alterna	tive water supplies			
Cost Effective	eness:	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 u	ipon an assessme	nt of the schedule a	and budget for the 5 o	ongoing projects.			
Complementary E	fforts:	High	Tampa I Pasco a	Bay Water provide nd Pinellas and th	es wholesale drinkin ne cities of New Por	ig water to the counti t Richey, Tampa, and	es of Hillsborough, d St. Petersburg.			
Project Read	iness:	High	Project i	is ready to begin c	n or before Decem	ber 1, 2021.				
				Strategic Goa	ls					
Strategic (Goals:	High	Strategi alternati Strategi promote reasona	ic Initiative - Alte ve sources of wat ic Initiative - Reg e consensus on the ble and beneficial	rnative Water Sup er to ensure ground ional Water Supply e strategies and res water supply needs	plies: Increase deve lwater and surface way y Planning: Identify, sources necessary to s	lopment of ater sustainability communicate and meet future			
		(Overall F	Ranking and Rec	ommendation					
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	ig Sou	rce		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 –	Pinellas	County AMI N	letering Analyti	cs Project			
Pinellas County							2022		
Risk	Level:	Type 1			Multi-	Year Contract: No			
	Description								
Description: Implementation of a so customers. This project associated training an will: notify customers water use and notify pre-set threshold usa weather data and dat households (social no over time.				oftware program f ct will allow softward of will be available of suspected leak customers of pote ge amount; alert of y water use; comp orming); and provi	that will promote a are platform setup e for 112,900 retai s as they occur; re ntial violations of v customers about fa pare individual cus de a customer por	nd encourage water c , including a utility side l potable water custom egularly analyze actua vatering restrictions; a aulty rain or soil moistu stomer water use to tha tal log-in and graph cu	onservation by utility dashboard, and iers. The software daily or hourly lert customers to a ire sensor based on at of similar istomers water use		
Measurable Be	enefit:	The contract final report.	he 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	Applicat	ion included all th	e required informa	tion identified in the C	FI Guidelines.		
Project Be	enefit:	High	The ben in the No	efit of this project orthern Tampa Ba	is an estimated 1 ay Water Use Cau	11,100 gallons per day tion Area (NTBWUCA)	of water conserved		
Cost Effective	eness:	High	Project of	cost effectiveness	is below \$3.00 pe	r thousand gallons sa	ved.		
Past Perform	nance:	High	Based u	pon an assessme	ent of the schedule	and budget for the 14	ongoing projects.		
Complementary E	fforts:	High	Coopera	ator has an adjust	ed gross per capit	a less than or equal to	80 gpcd.		
Project Read	iness:	High	Project i	s ready to begin o	on or before Dece	mber 1, 2021.			
				Strategic Goa	lls				
Strategic (Goals:	High	Strategi ensure k Tampa Strategie	ic Initiative - Con beneficial use. Bay Region Prio es.	servation: Enhar rity: Implement M	ice efficiencies in all w inimum Flow and Leve	ater-use sectors to l (MFL) Recovery		
			Overall F	Ranking and Rec	ommendation				
Fund as a High F	Priority	Project will c	onserve	potable water in th	ne NTBWUCA and	l is cost effective.			
				Funding					
Fundin	ıg Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$139,41	\$0	\$139,414		
Pinellas County				\$0	\$139,41	4 \$0	\$139,414		
Т	otal			\$0	\$278,82	3 \$0	\$278,828		

Project No. Q246	Recl	Reclaimed – Tampa Hillsborough River MFL "PURE" Project							
City of Tampa		FY2022							
Risk	Level:	Туре 2	Type 2 Multi-Year Contract: Yes, Year 1 of 7						
				Description					
Description: Third-party review (TH structure, additional w portion of the design mains and appurtena water to the City's red recharge/recovery sy subsequent delivery t utilize approximately s which represent the o to the minimum flow o conceptual constructi				PR), modification vater treatment ele- hat has already b nces to supply Ac- sharge/recovery s stem to treat, stor o the Tampa Res 50 mgd, the CFI p ontributions of Su of the Lower Hills on estimate is gre	of 30% design plan ements, and regular een completed sole vanced Wastewate ystem. Under PURE e and recover AWT ervoir/Lower Hillsbo roject is only consid lphur Springs and I porough River. The ater than \$5 million	s including adjustmer tory activities for the I ely by the City include r Treatment (AWT) q E, the City plans to im quality reclaimed wa brough River. Though dering the replaceme Morris Bridge Sink (ap project requires TPR dollars.	nts to the outfall PURE project. A es transmission uality reclaimed uplement a ter in the aquifer for the City plans to nt of 13.7 mgd oproximately 27.4%) because the		
Measurable Be	enefit:	The contractual Measurable Benefit will be the completion of the 30% design plans.							
	Costs:	Total project City of Tamp District: \$55, FY2022. The construction permitting ar	cost: \$40 a: \$349,5 485 (50% e concept is \$300,0 nd constru	05,000 (TPR and 515 6 of the 27.4% as ual estimate for to 000,000. It is antic uction in future ye	30% design) sociated project cos otal project cost, inc ipated that the City ars.	sts (13.7mgd/50mgd) Iuding design, TPR, _I will request funding t) requested in permitting and to complete design,		
				Evaluation					
Application Q	uality:	Medium	District F	PM/CM had to wo	rk with cooperator t	o obtain remaining re	equired information.		
Project Be	enefit:	High	The benefit of the project if constructed is the replacement of 13.7 mgd of flows from Sulphur Springs and Morris Bridge Sink used to meet the Lower Hillsborough River minimum flow.						
Cost Effective	eness:	High	The 30% projects as the p	6 design and TPF . The initial total o roject moves thro	costs of this project ost estimate for the ugh the design pha	ct are below the avera project is preliminary se and TPR.	age of similar / and will be refined		
Past Perform	nance:	High	Based u	pon an assessme	ent of the schedule	and budget for the 7	ongoing projects.		
Complementary E	fforts:	High	The City restrictio requirem	has numerous cons, increase in working and schedule	odes related to wate ater restriction viola e of water rates.	er conservation in plu tion fines, landscapir	mbing, water use ıg, rain sensor		
Project Read	iness:	High	Project i	s ready to begin o	on or before Decem	ber 1, 2021.			
				Strategic Goa	ls				
Strategic (Goals:	High	Strategi Establisi plans to Tampa Strategie	ic Initiative - Min h and monitor MF prevent significa Bay Region Prio es.	imum Flows and L Ls, and, where nec nt harm and reestab rity: Implement Mir	evels Establishmer essary, develop and blish the natural ecosy imum Flow and Leve	at and Recovery: implement recovery ystem. el (MFL) Recovery		
		(Overall R	Ranking and Rec	ommendation				
Fund as a High F	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 and 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 flow. The resource benefits of eliminating the diversion of Sulphur Springs flows will be evaluated in the proposed Q236 Sulphur Springs Feasibility Study.								
	Funding								
Fundin	ig Sou	rce		Prior	FY2022	Future	Total*		
District				\$0	\$55,485	\$41,044,515	\$41,100,000		
City of Tampa				\$0	\$349,515	\$258,550,485	\$258,900,000		
Т	otal			\$0	\$405,000	\$299,595,000	\$300,000,000		

Project No. Q256	Cons	servation –	St. Pete	rsburg Sensibl	e Sprinkling Pr	ogram - Phase 10			
City of St Pete]						FY2022		
Risk	Level:	Туре 1			Multi-	Year Contract: No			
	Description								
Description: Make available appro commercial customer recommendations for TM practices and othe sensor devices will be device. Also included surveys necessary to anticipated, the cooper				oximately 300 irrig s. This will includ optimizing the use or efficient irrigation provided and ins l are educational r ensure the succe orator may perform	ation evaluations e program admini e of water outdoor on best managem talled for project p naterials, program ss of the program n more installation	to single family, multi- stration and evaluation s through Florida-frien ent practices. Approxi- articipants who do not a promotion, follow-up . Should actual costs s/evaluations as funds	amily and s with dly Landscaping mately 300 rain have a functioning evaluations and be less than s are available.		
Measurable Bo	enefit:	The contract final report.	e 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	Applicat	ion included all th	e required informa	tion identified in the C	FI Guidelines.		
Project Bo	enefit:	High	The ben in the N	efit of this project TB WUCA.	is an estimated 5	1,900 gallons per day	of water conserved		
Cost Effective	eness:	High	Project of	cost effectiveness	is below \$3.00 pe	r thousand gallons sa	/ed.		
Past Perform	nance:	High	Based o	n an assessment	of the schedule a	nd budget for 9 on-goi	ng projects.		
Complementary E	fforts:	High	Applicar days per an active	nt's complementar r week irrigation re e water conservat	y efforts include a estrictions, activel ion program.	n ordinance to suppor / enforces watering re	year-round two- strictions and has		
Project Read	iness:	High	Project i	s ready to begin c	n or before Dece	mber 1, 2021.			
				Strategic Goa	ls				
Strategic (Goals:	High	Strategi ensure k Tampa Strategie	ic Initiative - Con beneficial use. Bay Region Prior es.	servation: Enhar	ice efficiencies in all w	ater-use sectors to I (MFL) Recovery		
		(Overall F	Ranking and Rec	ommendation				
Fund as a High F	Priority	This project of	conserve	d water supply in	the NTB WUCA a	nd is cost effective.			
				Funding					
Fundin	ng Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$50,00	\$0	\$50,000		
City of St Pete				\$0	\$50,00	\$0	\$50,000		
т	otal			\$0	\$100,00	\$0	\$100,000		

Project No. Q259	Cons	servation –	Tarpon	Springs Water	Conservation P	rogram Phase III		
City of Tarpon Springs		FY2022						
Risk	Level:	Туре 1			Multi-Y	ear Contract: No		
				Description				
Description: Make available finan activities, including: r evaluations and indo materials, program p Should actual costs l installations/rebates			ole financ cluding: re and indoo ogram pr al costs b rebates a	ial incentives and sidential and com r and outdoor do- omotion, and surv e less than anticip is the availability c	services to custom mercial high-efficie it-yourself conserva eys necessary to e pated, the Cooperat of funds allow.	ers for up to three con ency toilets, residentia ation kits. Also include nsure the success of or may perform more	nservation I irrigation system d 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 nal report.					
(Costs:	Total project City of Tarpo District: \$15,	otal project cost: \$30,000 ty of Tarpon Springs: \$15,000 strict: \$15,000					
				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:	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 of	cost effectiveness	is between \$3.01 a	and \$6.00 per thousar	nd gallons saved.	
Past Perform	nance:	High	Based u	pon an assessme	nt of the schedule	and budget for the 4 c	ongoing projects.	
Complementary E	fforts:	Medium	Applican and, per	it has the compler iding implementat	mentary efforts of w ion of this program	ater loss less than the , an active conservati	e District average on program.	
Project Read	iness:	High	Project i	s ready to begin o	n or before Decem	ber 1, 2021.		
				Strategic Goa	ls			
Strategic (Goals:	High	Strategi ensure b Tampa Strategie	c Initiative - Con beneficial use. Bay Region Prio es.	servation: Enhanc	e efficiencies in all wa	ater-use sectors to I (MFL) Recovery	
			Overall R	anking and Reco	ommendation			
Fund as a High F	Priority	Project cons	erves pot	able water in the l	NTBWUCA and is o	cost effective.		
				Funding				
Fundin	ıg 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 Re	storation Fund	I			
Tampa Bay Estuary Program							FY2022		
Risk	Level:	Туре 3			Mult	-Year Contract: No			
				Description					
Descri	Description: The Tampa Bay Env research and educat manages the fund ar Restore America's E				Environmental Restoration Fund (TBERF) was established to fund restoration, ucation initiatives in Tampa Bay. The Tampa Bay Estuary Program (TBEP) and and secures local funding to leverage with funds obtained nationally by the a's Estuaries (RAE) through environmental fines and philanthropic gifts.				
Measurable Bo	enefit:	The project we throughout the throughout the throughout the three sectors are as a sector of the three sectors are as a se	he project will fund numerous water quality improvement and habitat restoration projects roughout the Tampa Bay watershed.						
	Costs:	Total project cost: \$700,000 TBEP: \$350,000 District: \$350,000 requested in FY2022 (District share includes a 10% administrative fee for grant managed by the TBEP).							
				Evaluation					
Application Q	uality:	High	Applicat	ion included all th	e required inform	ation identified in the C	FI guidelines.		
Project Be	enefit:	High	igh Water quality improvement and natural systems restoration in Tampa Bay, a SWIM priority water body.						
Cost Effective	eness:	High	ligh District funds will be leveraged with other local, federal, private, and penalty funds.						
Past Perform	nance:	High	HighBased upon an assessment of the schedule and budget for the 9 ongoing projects.						
Complementary E	fforts:	High	Applicar improve	nt funds projects t water quality.	nat are complem	entary to preserve natu	ral systems and		
Project Read	iness:	High	Project i	s ready to begin o	on or before Dec	ember 1, 2021.			
				Strategic Goa	ls				
Strategic (Goals:	High	Strategi of natura Strategi impleme Tampa and Lak	ic Initiative - Con al ecosystem for t ic Initiative - Wat ent programs, proj Bay Region Prio e Seminole.	servation and F he benefit of wat er Quality Main ects and regulati rity: Improve Lal	estoration: Restoration er and water-related rest enance and Improver ons to maintain and im the Thonotosassa, Tamp	n and maintenance sources. nent: Develop and prove water quality. ba Bay, Lake Tarpon		
		(Overall F	Ranking and Rec	ommendation				
Fund as a High F	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	ıg Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$350,0	\$0	\$350,000		
Tampa Bay Estuary Progr	am			\$0	\$350,0	\$0	\$350,000		
Т	otal			\$0	\$700,0	\$0	\$700,000		

Project No. W103	Rest	oration – R	oosevel	t Creek Channe	el 5 Improveme	ents			
Pinellas County							FY2022		
Risk	Level:	Type 2			Multi	Year Contract: No			
Description									
Descri	ption:	Modification Channel 5 to Cooperator v	of a salin restore r will be rec	ity barrier, sedime natural systems as quired to convey a	ity barrier, sediment removal and exotic species control on Roosevelt Creek natural systems associated with Tampa Bay, a SWIM priority waterbody. The uired to convey a conservation easement over the project area to the District.				
Measurable Be	enefit:	The contract sediments ar a SWIM prior will be no mo	ne contractual Measurable Benefit will be the modification of a salinity barrier and the removal or diments and invasive species to restore 12 acres of natural systems associated with Tampa B SWIM priority waterbody. Construction will be done in accordance with permitted plans. There Il be no monitoring or performance testing requirements.						
C	Costs:	Total project Pinellas Cou District: \$35	tal project cost: \$700,000 (construction) nellas County: \$350,000 ntrict: \$350,000						
				Evaluation					
Application Q	uality:	High	Applicat	ion included all th	e required inform	ation identified in the C	FI Guidelines.		
Project Be	enefit:	High	The ben associat	efit of the project ed with Tampa Ba	is restoration of n ay, a SWIM priori	atural systems of appro y water body.	oximately 12 acres		
Cost Effective	eness:	Medium	1edium The estimated cost/acre restored is slightly higher than the historical average of \$53,326/acre restored.						
Past Perform	nance:	High	Based u	pon an assessme	nt of the schedul	e and budget for the 14	ongoing projects.		
Complementary E	fforts:	High	Applican removal/ open sp systems	It has an environn /treatment prograi ace, and other co	nentally sensitive m, an Adopt a Po mplementary effo	land purchase progran nd Program, maintains rts that preserve or res	i, exotic a nature park and tore natural		
Project Read	iness:	High	Project i	s ready to begin c	on or before Dece	mber 1, 2021.			
				Strategic Goa	ls				
Strategic 0	Goals:	High	Strategi of natura Tampa and Lak	c Initiative - Con al ecosystem for th Bay Region Prio e Seminole.	servation and R ne benefit of wate rity: Improve Lak	estoration: Restoratio r and water-related res e Thonotosassa, Tamp	າ and maintenance ources. a Bay, Lake Tarpon		
			Overall R	anking and Rec	ommendation				
Fund as a High F	Priority	The project is Tampa Bay,	s cost eff a SWIM	ective and will cor priority waterbody	ntinue efforts by t	ne County to enhance i	natural systems in		
				Funding					
Fundin	ıg Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$350,00	0 \$0	\$350,000		
Pinellas County				\$0	\$350,00	0 \$0	\$350,000		
Т	otal			\$0	\$700,00	0 \$0	\$700,000		

Project No. W106	SW I	V IMP – Water Quality – Starkey M10 Stormwater Facility Quality Improvements								
Pinellas County							FY2022			
Risk	Level:	Туре 2			Multi-Y	ear Contract: No				
				Description						
Descri	ption:	Construction water quality water body.	of a stor discharg	mwater pond and ing to Boca Ciega	modification of an a Bay within the Tar	existing stormwater s npa Bay watershed, a	ystem to improve a SWIM priority			
Measurable Be	enefit:	The contract of stormwate be no monito	ne 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 be no monitoring or performance testing requirements.							
(Costs:	Total project Pinellas Cou District: \$324	otal project cost: \$648,000 (construction) inellas County: \$324,000 istrict: \$324,000							
				Evaluation						
Application Q	uality:	High	Applicat	ion included all th	e required informati	on identified in the Cl	FI 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	gh The estimated cost/lb of TN removed is below the historical average \$176 and \$475/lb.							
Past Perform	ance:	High	Based u	pon an assessme	nt of the schedule	and budget for the 14	ongoing projects.			
Complementary E	fforts:	High	Applicar	nt has an active st	ormwater utility that	t collects fees.				
Project Read	iness:	Medium	Project i	s ready to begin c	n or before March	1, 2022.				
				Strategic Goa	ls					
Strategic (Goals:	High	Strategi impleme Tampa and Lak	ic Initiative - Wat ent programs, proj Bay Region Prio e Seminole.	er Quality Mainten ects and regulation 'ity: Improve Lake	aance and Improvem s to maintain and imp Thonotosassa, Tamp	nent: Develop and prove water quality. a Bay, Lake Tarpon			
			Overall F	Ranking and Rec	ommendation					
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	– Philippe Ba	y Stormwater Q	uality Upgrades			
Philippe Bay Neighborhood Association							FY2022		
Risk	Level:	Туре 2			Multi-Y	ear Contract: No			
	Description								
Descri	ption:	Construction to improve w	of storm ater qual	water BMPs for th ity discharging int	ie Philippe Bay Nei o Tampa Bay, a SV	ghborhood Associatio VIM 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 m 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 histrict: \$60,000						
				Evaluation					
Application Q	uality:	Medium	Applicat District F	ion included most PM/CM had to wo	of the required info rk with cooperator t	ormation identified in t o obtain remaining re	the CFI guidelines. equired information.		
Project Be	enefit:	Medium	edium 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 esti estimate	mated cost/lb of T ed cost/lb of TP re	N removed is below moved is below the	w the historical avera historical average of	ge of \$176/lb. The f \$1498/lb.		
Past Perform	ance:	High	Based o high.	n the cooperator	having no ongoing	projects with the Dist	rict they are ranked		
Complementary E	fforts:	Medium	Applicar water qu	nt follows the City ality efforts.	of Safety Harbor or	dinances to impleme	nt complimentary		
Project Read	iness:	High	Project i	s ready to begin o	on or before Decem	ber 1, 2021.			
				Strategic Goa	ls				
Strategic (Goals:	High	Strategi impleme Tampa I and Lak	ic Initiative - Wat ent programs, proj Bay Region Prio e Seminole.	er Quality Mainter ects and regulation rity: Improve Lake	a ance and Improven s to maintain and imp Thonotosassa, Tamp	nent: Develop and prove water quality. ba Bay, Lake Tarpon		
			Overall R	Ranking and Rec	ommendation				
Fund as a High F	Priority	The project i water body. prioritize fun reductions.	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	Protect	tion – Magnolia	Valley Storage	and Wetland Enha	ancement			
Pasco County		FY2022								
Risk	Level:	Туре 3			Multi-Y	ear Contract: Yes, Y	ear 4 of 6			
Description										
Description: Design, permitting, ar Area. This project cor provide stormwater st County as part of the Station Project (N835 (TPR). The District re million dollars. The F				nd construction of nsists of conveyar orage and wetlan previous coopera). Funding was ap quired a TPR bec (2022 funding rec	the Magnolia Valle to e improvements in d enhancement on tively funded Magn pproved in FY2018 ause this project ha juest is to start cons	y Storage and Wetlan n contributing areas a a former golf course olia Valley Stormwate for 30% design and th as a conceptual estim struction.	d Enhancement nd excavation to purchased by the r Facility and Pump nird-party review ate greater than \$5			
Measurable Be	enefit:	The contract storage and be in accord	e contractual Measurable Benefit will be the design, permitting and construction of stormwater orage 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	otal conceptual project cost: \$13,000,000 (design, TPR, permitting, and construction) 'asco County: \$6,500,000)istrict: \$6,500,000 with \$500,000 budgeted in previous years, \$250,000 requested in FY2022 an 5,750,000 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 cooperator to obtain remaining required information.							
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 occur in the project area and the project impacts the regional or intermediate drainage system.							
Cost Effective	eness:	Medium	Benefit/o avoided	cost ratio is less th damages to struc	nan 1 but greater th stures and roads.	an or equal to 0.7. Be	enefits include			
Past Perform	ance:	Medium	Based u	pon an assessme	ent of the schedule	and budget for the 19	ongoing projects.			
Complementary E	fforts:	Medium	Coopera	ator's Community	Rating System clas	s is 6 and is in the 6 t	to 9 range.			
Project Read	iness:	High	Project i	s ongoing and on	schedule.					
				Strategic Goa	ls					
Strategic (Goals:	High	Strategi impleme Strategi and imp protectic flood da	ic Initiative - Wat ent programs, proj ic Initiative – Flo lement programs, on, and operate D mage while prese	er Quality Mainter ects and regulation od Protection Mai projects and regula istrict flood control a rving the water res	nance and Improvem s to maintain and imp ntenance and Impro ations to maintain and and conservation stru purce	nent: Develop and brove water quality. vement: Develop d improve flood ctures to minimize			
			Overall F	Ranking and Rec	ommendation					
Fund as a Medium F	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			
Т	otal			\$1,000,000	\$500,000	\$11,500,000	\$13,000,000			

Project No. Q219	WMF	' – Sutherla	nd Bayo	ou Watershed I	Management Pla	n				
Pinellas County							FY2022			
Risk	Level:	Туре 3			Multi-Y	ear Contract: Yes, Y	ear 1 of 3			
Description										
Descri	ption:	Complete a M through and determination alternative an project.	Natershe including n, surface nalysis. F	d Management P watershed evalua e water resource a Y2022 funding wi	lan (WMP) for the s ation, stormwater fl assessment (SWR/ Il be used to begin	Sutherland Bayou in F oodplain analysis, lev A), and best managen the watershed evalua	Pinellas County, el of service (LOS) nent practice (BMP) ation phase of the			
Measurable Be	enefit:	The contract establishes L concerns in t	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 procerns in the watershed.							
	Costs:	Total project Pinellas Cou District: \$150 future years.	otal project cost: \$300,000 'inellas County: \$150,000 District: \$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 WM 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 includes regional or intermediate stormwater systems.						
Cost Effective	ness:	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	iance:	High	Based u	pon an assessme	ent of the schedule	and budget for the 14	ongoing projects.			
Complementary E	fforts:	High	Coopera	ator's Community	Rating System clas	s is 5 and is in the 5	or better range.			
Project Read	iness:	High	Project i	s ready to begin o	on or before Decem	ber 1, 2021.				
				Strategic Goa	ls					
Strategic (3oals:	High	ghStrategic 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 constal watersholds							
		(Overall R	anking and Rec	ommendation					
Fund as a Medium F	Priority	This project of study information	develops ation ava	a watershed man ilable.	agement plan to id	entify flood risks in ar	eas with no detailed			
				Funding						
Fundin	ıg Sou	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 &	Smith Bayou	Feasibility Study	1				
Pinellas County							FY2022			
Risk I	Level:	Туре 3	Type 3 Multi-Year Contract: Yes, Year 1 of 2							
	Description									
Descri	ption:	Develop a Pr practices (BM were identifie Alternatives / natural syste permitting/mi	eliminary /IPs) in th d in the r Analysis ms and f itigation r	/ Engineering Rep ne Curlew Creek & prior Curlew Cree (N734). Study will lood protection be requirements for p	ort (PER) that eval & Smith Bayou Wate k & Smith Bayou W refine the model, p enefits, project costs roposed BMPs.	uates proposed best ersheds in Pinellas C /atershed Improveme provide more detail fo s, property rights/acqu	management ounty. The projects nt Plan BMP r water quality, uisition needs, and			
Measurable Be	nefit:	The contractu alternatives to Curlew Creel project area.	te 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 oject area.							
C	osts:	Total project Pinellas Cour District: \$361 future years.	otal project cost: \$722,000 (study) inellas County: \$361,000 istrict: \$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	enefit:	Medium	The proj for flood are avai intermec	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	ipon an assessme	nt of the schedule a	and budget for the 14	ongoing projects.			
Complementary Ef	forts:	High	Coopera	ator's Community	Rating system clas	s is 5 and is in the 5 c	or less range.			
Project Readi	ness:	High	Project i	s ready to begin c	on or before Decem	ber 1, 2021.				
				Strategic Goa	Is					
Strategic G	oals:	High	Strategi determir to suppo Strategi data to o resource Tampa I Tarpon, coastal v	ic Initiative - Floc ne local and region ort floodplain mana ic Initiative - Wat determine local an e management de Bay Region Prion the Pithlachascot watersheds.	Adplain Management al floodplain inform agement decision a er Quality Assess and regional water quality cisions and restora rity: Flood Protect ee, Anclote and Hill	 Pht: Collect and analy nation, flood protectio ind initiatives. ment and Planning: Jality status and trend tion initiatives. ion: Improve flood pr Isborough Rivers and 	ze data to in status and trends Collect and analyze Is to support rotection in Lake I Pinellas County			
		C	Dverall R	Ranking and Rec	ommendation					
Fund as a Medium F	und as a Medium 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						
Fundin	g Sou	rce		Prior	FY2022	Future	Total			
District				\$0	\$180,500	\$180,500	\$361,000			
Pinellas County				\$0	\$180,500	\$180,500	\$361,000			
Т	otal			\$0	\$361,000	\$361,000	\$722,000			

Project No. Q226	WMF	P – Hillsbor	ough Co	ounty Countywi	de Watershed M	lodel Migration an	d Integration			
Hillsborough County							FY2022			
Risk	Level:	Туре 3			Multi-Ye	ear Contract: Yes, Y	ear 1 of 2			
	Description									
Descri	ption:	Developmen models, mig County's SC determine flo being identifi results will b the cooperat be used to d	t of three ration of r ADA syst ood risks ied throug e further ively func evelop riv	river basin mode iver basin models tem. The integrate in the vicinity of w gh the cooperative integrated into rea ded project Hillsbo ver basin models a	s for the entire Cou to EPA SWMM, ar d and migrated rive atershed boundarie ly funded project P II-time monitoring sy rough County SCA and start model mig	Inty from 17 individua of integration of mod- er basin models can a ss and volume sensitive eak/Volume Sensitive ystems that are being DA System (Q213). I iration.	Il watershed el information into appropriately ve areas, which are e (N844). Model g developed through FY2022 funding will			
Measurable Be	enefit:	The contract migration of SCADA syst	he contractual Measurable Benefit will be the completion of development of river basin models igration of river basin models to EPA SWMM, and integration of model information into County CADA system.							
C	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	Applicat	ion included all th	e required informati	on identified in the C	FI guidelines.			
Project Be	enefit:	Medium	The benefit of this project is to better determine flood risks in the vicinity of watershed boundaries and volume sensitive areas as well as support emergency operations in preparation for storm events.							
Cost Effective	eness:	Medium	Project of	cost is considered	reasonable based	upon County's 17 W	MP updates.			
Past Perform	nance:	High	Based u	pon an assessme	nt of the schedule a	and budget for the 24	ongoing projects.			
Complementary E	fforts:	High	Coopera	ator's Community	Rating System clas	s is 5 and is in the 5	or better range.			
Project Read	iness:	High	Project i	s ready to begin c	n or before Decem	ber 1, 2021.				
				Strategic Goa	ls					
Strategic (Goals:	High	Strategi determin to suppo Tampa Tarpon, coastal	ic Initiative - Floc ne local and region ort floodplain mana Bay Region Prior the Pithlachascot watersheds.	odplain Manageme nal floodplain inform agement decision a rity: Flood Protect ee, Anclote and Hill	ent: Collect and analy nation, flood protectic nd initiatives. ion: Improve flood pr sborough Rivers and	rze data to n status and trends rotection in Lake Pinellas County			
			Overall R	Ranking and Rec	ommendation					
Fund as a Medium F	Priority	The project v floodplain inf regulatory de storm events	The project will develop integrated and migrated river basin models that improve accuracy of loodplain 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	ig Sou	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-Y	ear Contract: No					
				Description							
Description: The feasibility study and floodplain level of Delaney/Archie Cree whether Hillsborough pollution load reduct				vill evaluate the pr f service (FPLOS) < Watershed. The County moves fo on strategies may	oposed drainage so benefit for the 76th results of the propo ward with formal do be incorporated to	blution for constructal St West Bypass pro osed feasibility study esign and constructio provide water quality	bility, permit-ability ject located in the will help determine n. Integration of benefits.				
Measurable Bo	enefit:	The contract constructabil Bypass flood	e contractual Measurable Benefit will the completion of a feasibility study that evaluates the nstructability, permitability and floodplain level of service (FPLOS) benefit for the 76th St West pass flood protection project.								
	Costs:	Total project Hillsborough District: \$50,	tal project cost: \$100,000 (study) Isborough 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 B	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	re consistent with	the cost of similar D	District funded feasibi	lity studies.				
Past Perform	nance:	High	Based u	ipon an assessme	ent of the schedule a	and budget for the 24	ongoing projects.				
Complementary E	fforts:	High	Coopera	ator's Community	Rating System clas	s is 5 and is in the 5	or better range.				
Project Read	iness:	High	Project i	is ready to begin o	on or before Decem	ber 1, 2021.					
				Strategic Goa	ls						
Strategic (Goals:	High	Strategi determin to suppo Strategi impleme Tampa Tarpon, coastal	ic Initiative - Floo ne local and regio ort floodplain man- ic Initiative - Wat ent programs, proj Bay Region Prio the Pithlachascot watersheds.	odplain Manageme nal floodplain inform agement decision a er Quality Mainten ects and regulation rity: Flood Protect ee, Anclote and Hill	ent: Collect and analy nation, flood protection nd initiatives. aance and Improven s to maintain and imp ion: Improve flood pr Isborough Rivers and	rze data to n status and trends nent: Develop and prove water quality. rotection in Lake I Pinellas County				
		(Overall F	Ranking and Rec	ommendation						
Fund as a Medium F	Priority	The feasibilit project in the	ty study w e vicinity o	vill determine the t of 76th Street and	easibility of implem 12th Avenue, impre	enting an effective flo oving the FPLOS for	ood protection the area.				
				Funding							
Fundin	ig Sou	rce		Prior	FY2022	Future	Total				
District				\$0	\$50,000	\$0	\$50,000				
Hillsborough County				\$0	\$50,000	\$0	\$50,000				
Т	otal			\$0	\$100,000	\$0	\$100,000				

Project No. Q228	WMF	P – City of N	ladeira	Beach Watersh	ed Managemen	t Plan		
City of Madeira Beach							FY2022	
Risk	Level:	Туре 3			Multi-Y	ear Contract: No		
				Description				
Descri	ption:	Complete W The WMP w master plan, alternative a	atershed ill include stormwa nalysis, a	Management Plan (WMP) for the City of Madeira Beach in Pinellas County. Watershed Evaluation and generation of a watershed model, a stormwater ater level of service (LOS) determination, best management practices (BMPs) and a peer review.				
Measurable Bo	enefit:	The contract establishes I Watershed.	e contractual Measurable Benefit will be the development of a WMP that identifies floodplains, ablishes LOS and evaluates BMPs to address flooding concerns in the City of Madeira Beach tershed.					
(Costs:	Total project City of Made District: \$74,	otal project cost: \$148,492 ty of Madeira Beach: \$74,246 strict: \$74,246.16 with \$74,246 requested in FY2022.					
				Evaluation				
Application Q	uality:	High	Application included all the required information identified in the CFI Guidelines.					
Project Bo	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. 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	nance:	High	Based u	pon an assessme	ent of the schedule	and budget for the 1	ongoing project.	
Complementary E	fforts:	Medium	Coopera	ator's Community	Rating System clas	s is 7 and is in the 6	to 9 range.	
Project Read	iness:	High	Project i	s ready to begin o	on or before Decem	ber 1, 2021.		
				Strategic Goa	ls			
Strategic (Goals:	High	Strategi determin to suppo Tampa Tarpon, coastal	ic Initiative - Floc ne local and regio ort floodplain man Bay Region Prio the Pithlachascot watersheds.	odplain Manageme nal floodplain inforr agement decision a rity: Flood Protect ee, Anclote and Hil	ent: Collect and analy nation, flood protectic and initiatives. tion: Improve flood pr Isborough Rivers and	vze data to on status and trends rotection in Lake I Pinellas County	
			Overall R	Ranking and Rec	ommendation			
Fund as a Medium F	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	ig 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	Stud	tudy – Clearwater Harbor/St Joseph Sound Nitrogen Source Identification								
Pinellas County	1						FY2022			
Risk	Level:	Туре 3			Multi-	Year Contract: Yes, Y	ear 1 of 4			
				Description						
Descri	iption:	Review of ex watershed a understand r CHSJS. The	kisting wa nd waterk nutrient so project w	ater resource data in Clearwater Harbor/St Joseph's Sound (CHSJS) bodies to develop a targeted water quality sampling effort to better ources and propose management practices aimed at reducing nutrients to vill quantify benefits and develop cost estimates.						
Measurable Bo	enefit:	The contract	ual Meas	urable Benefit will	be the completion	n of this study.				
(Costs:	Total Project Pinellas Cou District: \$200 requested in	Fotal Project cost: \$400,000 (study) Pinellas County: \$200,000 District: \$200,000 with \$50,000 requested in FY2022 and and \$150,000 anticipated to be requested in future years.							
	Evaluation									
Application Q	uality:	Medium	Applicat District F informat	Application included most of the required information identified in the CFI guideline. District PM/CM had to work with the cooperator to obtain remaining required information.						
Project Bo	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	t effectiveness for	this study is sligh	tly higher than compara	able past projects.			
Past Perform	nance:	High	Based u	pon an assessme	nt of the schedule	and budget for the 14	ongoing projects.			
Complementary E	fforts:	High	Applicar	it has an active st	ormwater utility th	at collects fees.				
Project Read	iness:	High	Project i	s ready to begin c	n or before Decer	nber 1, 2021.				
				Strategic Goa	ls					
Strategic (Goals:	Medium	Strategi data to c resource	c Initiative - Wat letermine local an e management de	er Quality Asses d regional water of cisions and restor	sment and Planning: uality status and trend ation initiatives.	Collect and analyze s to support			
		(Overall R	anking and Rec	ommendation					
Fund as a Medium F	Priority	This project conceptual E estimates.	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	ng Sou	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	Reclaimed – Zephyrhills to Pasco County Reclaimed Water Interconnect							
Zephyrhills							FY2022	
Risk	Level:	Туре 2			Multi-Y	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 Be	3enefit: The contractual Measure water interconnect and Pasco County for future Water Use Caution Arplans.			surable Benefit will be the design, permitting, and construction of a reclaimed ad booster pump station that will enable the city to supply reclaimed water to ure customers that will enable future water savings in the Northern Tampa Bay area (NTBWUCA). Construction will be done in accordance with the permitted				
(Costs: 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 assessment of the schedule and budget for the 1 ongoing project.						
Complementary E	fforts:	High The Cooperator has a program in place that includes metering and an incentive based reuse rate structure for high volume users, and has proactive reclaimed expansion policies which maximize utilization and environmental benefits.						
Project Read	iness:	High	ligh Project is ready to begin on or before December 1, 2021.					
Strategic Goals								
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			Mu	ti-Ye	ar Contract: No		
Description									
Descri	ption:	Design, pern improve wate priority water	nitting, ar er quality ⁻ body.	d construction of stormwater retrofits in the City of Redington Beach to discharging to Boca Ciega Bay within the Tampa Bay watershed, a SWIM					
Measurable Bo	enefit:	The contractual Measurable Benefit will be the design, permitting, and construction of LID BMP treat approximately 5 acres of highly urbanized stormwater runoff. Construction will be done in accordance with the permitted plans. There will be no monitoring or performance testing requirements.						tion of LID BMPs to will be done in e testing	
(Costs:	Total project cost: \$150,000 (Design, permitting, construction) Town of Redington Beach: \$75,000 District: \$75,000							
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 Bo	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	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	Based on the cooperator having no ongoing projects with the District they are ranked high.						
Complementary E	fforts:	High	Applicant has an active stormwater utility that collects fees.						
Project Read	iness:	Medium	dium Project is ready to begin on or before March 1, 2022.						
Strategic Goals									
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 Tarpon and Lake Seminole.							
Overall Ranking and Recommendation									
Fund as a Medium F	Priority	ty 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 IMP – Flood Protection – Buzzard Lake								
Pasco County							FY2022		
Risk	Level:	Туре 2			Multi-	Year Contract: No			
Description									
Descri	ption:	Construction the northern years and th Managemen	of a con Crews La e floodpla t Plan (W	conveyance system to divert water from the Buzzard Lake neighborhood west to s Lake system. The project was selected based on repetitive flooding in recent dplain information from the Pithlachascotee / Bear Creek Watershed (WMP). FY2022 funds will be used to complete construction.					
Measurable Be	enefit:	The contractual Measurable Benefit will be the construction of a stormwater conveyance system in the area of the Buzzard Lake Neighborhood. Construction will be in accordance with permitted plans.							
(Costs:	Total project Pasco Coun District: \$15	Total project costs: \$302,000 (construction) Pasco County: \$151,000 District: \$151,000 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 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	Benefit/Cost ratio is less than 0.7.						
Past Perform	nance:	Medium	Jium 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 6 and is in the 6 to 9 range.						
Project Read	iness:	Medium	Project is ready to begin on or before March 1, 2022.						
Strategic Goals									
Strategic (Goals:	pals:							
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	ig Sou	rce		Prior	FY2022	Future	Total		
District				\$0	\$151,00	\$0	\$151,000		
Pasco County			\$0	\$151,00	\$0	\$151,000			
Total			\$0	\$302,00	0 \$0	\$302,000			

Project No. Q235	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 contract improvemen plans.	ual Meas ts in the (urable Benefit will be the design and construction of stormwater conveyance Quail Hollow neighborhood. Construction will be in accordance with permitted						
Costs: Total project cost: S Pasco County: \$3,5 District: \$3,527,623 requested in future				st: \$7,055,246 (land acquisition, design, permitting, and construction) \$3,527,623 (Includes \$1,190,253 of land acquisition costs as funding match) .623 with \$400,000 requested in FY2022 and \$3,127,623 anticipated to be ture 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 B	enefit:	Low Insufficient information to define project benefit, but could have greater benefit with more refinement.							
Cost Effective	eness:	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	IediumCooperator's Community Rating System class is a 6 and is in the 6 to 9 range.						
Project Read	iness:	Low Project is not expected to begin until after March 1, 2022.							
Strategic Goals									
Strategic (Goals:								
Overall Ranking and Recommendation									
Low Priority Not Recomm for fi	ended unding	The project is ranked low because the information provided is insufficient to rank the project. Cost Effectiveness might change as the County continues to define the land acquisition, project 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	ig 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>.