SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Tampa Bay Region

FY2020 Cooperative Funding Initiative

Final Project Evaluations and Rankings







2379 Broad Street, Brooksville, Florida 34604-6899 (352) 796-7211 or 1-800-423-1476 (FL only) WaterMatters.org

An Equal Opportunity Employer

MEETING NOTICE

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 and activities. Anyone requiring reasonable accommodation as provided for in the Americans with Disabilities Act should contact the District's Human Resources Office Chief, 2379 Broad St., Brooksville, FL 34604-6899; telephone (352) 796-7211 or 1-800-423-1476 (FL only), ext. 4703; or email ADACoordinator@WaterMatters.org. 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).

TAMPA BAY REGION

FISCAL YEAR 2020 COOPERATIVE FUNDING INITIATIVE PUBLIC MEETING

APRIL 11, 2019 • 10:00 A.M.

TAMPA OFFICE

7601 HIGHWAY 301 NORTH • TAMPA, FLORIDA (813) 985-7481 • 1-800-836-0797

All meetings are open to the public.

AGENDA

- 1. Call to Order and Pledge of Allegiance
- 2. Introductions
- 3. Action Item: Approval of February 14, 2019 Meeting Minutes
- 4. CFI Final Staff Rankings and Recommendations
 - a. Project Presentations
- 5. Receive Additional Public Comment
- 6. Action Item: Approve Project Rankings and Recommendations
- 7. Adjournment

If you have any questions concerning this meeting, please call Joel Brown at 1-800-836-0797 or 813-985-7481, extension 2015.

Page	Project	Cooperator	Project Name	Rank	District Prior Funding	FY2020 Proposed District Funding	District Future Funding
Proje	cts Rank	ed 1A Priority					
1	N748	Tampa	SW IMP - Flood Protection - Dale Mabry Henderson Trunkline - Upper Peninsula Watershed Drainage Improvements	1A	10,000,000	5,000,000	3,250,000
2	N904	St. Petersburg	WMP - City of St. Petersburg Watershed Management Plan	1A	281,250	350,000	268,750
3	N915	Clearwater	SW IMP - Flood Protection - Lower Spring Branch Conveyance Improvement	1A	1,142,500	517,500	0
4	N965	Tampa Bay Water	AWS - TBW Tampa Bypass Canal Gate Automation	1A	210,700	216,800	88,500
5	N970	Pinellas Co	WMP - South Creek Watershed Management Plan	1A	75,000	150,000	150,000
6	N993	Pasco Co	WMP - Cypress Creek WMP Update	1A	200,000	448,000	252,000
7	N995	Plant City	WMP - Plant City Watershed Management Plan	1A	250,000	200,000	200,000
8	N998	Tampa Bay Water	AWS - TBW Regional Treatment Facility Pumping Expansion	1A	108,000	1,014,500	77,500
9	Q011	Pasco Co	WMP - Pithlachascotee/Bear Creek WMP Update	1A	200,000	300,000	300,000
10	Q012	Pasco Co	SW IMP - Flood Protection - Buck/Lanier	1A	60,000	250,000	0
11	Q013	Pasco Co	WMP - Hammock Creek Watershed Management Plan	1A	200,000	300,000	400,000
12	Q027	Hillsborough Co	SW IMP - Flood Protection - 56th St and Hanna Avenue Drainage Improvements	1A	200,000	200,000	1,275,000
13	Q034	Pinellas Co	WMP - Brooker Creek Watershed Management Plan	1A	75,000	225,000	150,000
14	Q036	St. Petersburg	SW IMP - Flood Protection - Bartlett Park and 7th Street South Stormwater Improvements	1A	122,500	1,052,500	0
		ed High Priority					
15	N773	Tampa	SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements	Н	4,500,000	5,000,000	5,500,000
16	N850	Pasco Co	SW IMP - Flood Protection - Sea Pines Neighborhood Flood Abatement	Н	650,000	200,000	800,000
17	N855	Hillsborough Co	DAR - South Hillsborough Aquifer Recharge Program (SHARP) - Phase 2	Н	4,500,000	350,000	0
18	N967	Pasco Co	SW IMP - Flood Protection - Hidden Lake/Yellow Lake	Н	200,000	1,000,000	1,800,000
19	N990	Pasco Co	SW IMP - Flood Protection - Zephyr Creek Drainage Improvements: Units 3 and 4	Н	300,000	750,000	1,500,000
20	Q042	Pasco Co	SW IMP - Flood Protection - PHSC Berm/Boggy Creek	Н	125,000	1,000,000	500,000
21	Q048	Pasco Co	SW IMP - Flood Protection - Tammy Lane	Н	0	125,000	1,250,000
22	Q053	Tarpon Springs	Grosse Avenue Corridor Drainage Improvements	Н	0	901,500	466,900
23	Q057	Zephyrhills	Reclaimed - Zephyrhills Zephyr Lakes & Hospital Reuse	Н	0	710,650	0
24	Q061	Tampa Bay Water	Study - TBW Regional Surface Treatment Plant Expansion Feasibility	Н	0	225,000	50,000
25	Q063	Tampa Bay Water	Study - TBW Desal Facility Expansion Feasibility	Н	0	550,000	950,000
26	Q064	Hillsborough Co	DAR - North Hillsborough Aquifer Recharge Program (NHARP) - Phase 2	Н	0	750,000	0
27	Q068	Tarpon Springs	Conservation - Tarpon Springs Toilet Rebate Phase 1	Н	0	10,000	0
28	Q074	Temple Terrace GCC	Conservation - Temple Terrace Golf Course and Country Club Advanced Irrigation System	Н	0	255,000	0
29	Q078	Pasco Co	Conservation - Pasco Co Toilet Retrofit Phase 13	Н	0	50,000	0
30	Q083	Pinellas Co	WMP - Klosterman Bayou Watershed Management Plan	Н	0	100,000	50,000
31	Q084	Hillsborough Co	Reclaimed - Hillsborough Co. Kracker Ave. Reuse	Н	0	600,000	0

Page	Project	Cooperator	Project Name	Rank	District Prior Funding	FY2020 Proposed District Funding	District Future Funding
32	Q087	Tampa Bay Water	Conservation - TBW Demand Management	Н	0	549,775	0
33	Q088	Hillsborough Co	DAR - South Hillsborough Aquifer Recharge Program (SHARP) - Phase 3	Н	0	3,250,000	3,250,000
34	Q089	St. Petersburg	Conservation - St Pete Sensible Sprinkling Phase 9	Н	0	50,000	0
35	Q098	Pasco Co	Reclaimed - Pasco Co Cypress Preserve Reuse Phase 3	Н	0	239,000	0
36	Q109	Pasco Co	Study - Pasco County Satellite Potable Leak Detection Study	Н	0	30,000	0
37	Q113	Plant City	Study - Plant City McIntosh Park Indirect Potable Reuse Feasibility	Н	0	300,000	0
38	Q115	Pasco Co	WMP - East Pasco WMP Update	Н	0	200,000	200,000
39	Q116	Pinellas Co	WMP - Roosevelt Creek Watershed Management Plan	Н	0	100,000	300,000
40	Q117	Hillsborough Co	Reclaimed - Hillsborough Co. Columbus Sports Park Reuse	Н	0	400,000	0
41	Q125	Plant City	SW IMP - Water Quality - McIntosh Park Integrated Water Master Plan	r H	0	337,175	0
42	Q129	Gulfport	Restoration - Breakwater Park Living Shoreline	Н	0	80,000	0
43	Q130	Pinellas Co	Study - Nutrient Source Tracking	Н	0	40,000	60,000
44	W024	TBEP	FY2020 Tampa Bay Environmental Restoration Fund	Н	0	350,000	0
45	W300	Pinellas Pk WMD	SW IMP - Water Quality - Channel 1A2 Stormwater Quality Improvements	Н	0	403,900	0
<u>Proje</u>	cts Rank	ed Medium Priority	=				
46	Q076	Indian Rocks Beach	SW IMP - Water Quality - Harbor Dr and LaHacienda Dr Stormwater Improvements	М	0	122,114	0
47	Q090	Belleair	Study - Belleair Brackish Feasibility and Testing	М	0	705,340	176,335
48	Q100	Hillsborough Co	SW IMP - Flood Protection - Sparkman Nesmith-Frank Moore Rd Drainage Improvement	М	0	500,000	0
49	Q108	Pasco Co	Study - Pasco Co. Reclaimed Water Alternatives Analysis	s М	0	84,000	0
			Recommended	for Fu	nding Total:	\$30,542,754	\$23,264,985
		ed Low and/or Not					
50	Q096	St. Petersburg	Conservation - St. Pete Clothes Washer Rebate Phase 2	М	0	37,000	0
51	Q055	Hillsborough Co	Conservation - Hillsborough Co Advanced Potable Metering	L	0	400,000	1,600,000
52	Q071	Tampa Bay Water	Study - TBW Southern Hillsborough Groundwater Treatment Facility Feasibility	L	0	275,000	25,000
53	Q101	Shady Hills Energy	Reclaimed - Shady Hills Energy Center Reuse	L	0	12,200,000	1,350,000
54	Q107	Tampa	Reclaimed - Tampa Augmentation Project Design Phase	L	0	1,630,000	0
55	Q112	Tampa	Conservation - Tampa Advanced Potable Metering	L	0	2,000,000	0
56	Q128	Pinellas Co	Restoration - No Name Creek - Pinellas	L	0	300,000	0
			Not Recommended	for Fu	nding Total:	\$16,842,000	\$2,975,000
			Tampa	a Bay R	egion Total:	\$47,384,754	\$26,239,985

Project No. N748	SW IMP - F	lood Protecti	on – Dale Mabry Henders	on Trunkline – Upper Pe	ninsula				
		Drainage Imp			FY2020				
Risk Level:	Type 3		Multi-Year	Contract:					
			Yes, Year 5	of 6					
			Description						
Description:			, permitting and construction						
			vay and Henderson Boulev	-					
			ooding. An alternative analy						
			ernative. Funding was appr istrict required a third-party		_				
			\$5 million dollars. The FY20						
Measurable Benefit:		-	able Benefit will be complet						
		e drainage conveyance system BMP's to reduce flooding in approximately 533 acres of highly							
		-	uction will be in accordance						
Costs:			00,000 (design, third-party						
	City of Tar	y of Tampa: \$18,250,000							
		istrict: \$18,250,000 with \$10,000,000 budgeted in previous years, \$5,000,000 requested in							
	FY2020 aı	nd \$3,250,000	anticipated to be requested	d in future years.					
			Evaluation						
Application Quality:			cluded all the required info						
Project Benefit:	High		Benefit of this project will	•	· · · · · · · · · · · · · · · · · · ·				
			, 24-hour storm event. Stru						
Coot Effectiveness	11:1-		ea and the project impacts						
Cost Effectiveness:	High	Benefit/Cost ratio is greater than or equal to 1. Benefits include avoided damages to structures and roads.							
Past Performance:	Medium		Based upon an assessment of the schedule and budget for the 11 ongoing projects.						
Complementary Efforts:			Cooperator's Community Rating System class is 6 and is in the 6 to 9 range.						
Project Readiness:									
	Ü		Strategic Goals						
Strategic Goals:	High	Strategic Ini	tiative - Flood Protection	Maintenance and Improv	vement: Develop				
	-	_	nt programs, projects and i		-				
		protection, a	nd operate District flood co	ntrol and conservation str	uctures to minimize				
		_	e while preserving the water						
			Region Priority: Flood Pro						
			Pithlachascotee, Anclote ar	nd Hillsborough Rivers an	d Pinellas County				
		coastal wate		dation					
Fund as 1A Priority.	This ongo		I Ranking and Recommen approved for continuation		on March 27, 2018				
r and do intrinoity.			eview for a total project co						
			tures and streets during the						
			evacuation route for South	-					
			Funding						
Funding Source	Р	rior	FY2020	Future	Total				
City of Tampa		\$10,000,000	\$5,000,000	\$3,250,000	\$18,250,000				
District		\$10,000,000	\$5,000,000						
Total		\$20,000,000	\$10,000,000	\$6,500,000	\$36,500,000				

Project No. N904	WMP - City of St. Pete	MP - City of St. Petersburg Watershed Management Plan						
City of St. Petersburg				FY2020				
Risk Level:	Type 3	Multi-Year (Contract:					
	•	Yes, Year 2	of 3					
		Description						
Description:	Watershed Manageme	nt Plan (WMP) for the City of	St. Petersburg in Pinella	is County, through				
•	_	n analysis, Level of Service d	_	-				
		and Best Management Practi						
	St. Petersburg last cor	npleted a citywide stormwater	master plan in 1994. FY	2020 funding will				
	be used to complete th	e watershed evaluation and b	egin the floodplain analy	/sis.				
Measurable Benefit:	The contractual Meas	rable Benefit will be the com	oletion of a watershed mo	odel and floodplain				
	analysis including info	mation that is critical to bette	r identify risk of flood dan	nage, opportunities				
		y, and cost effective alternati	ves.					
Costs:	Total project cost: \$1,8							
	City of St. Petersburg:							
		\$281,250 budgeted in previo		ested in FY2020,				
	and \$268,750 anticipa	ted to be requested in future	/ears.					
A 11 (1 O 11)	l limb Ameliantian	Evaluation		OFI Ovidalia -				
Application Quality:	*	included all the required infor						
Project Benefit:		vill analyze flood probelms the						
	I .	odels are not available or are	-	ne watershed includes				
Coat Effectiveness		intermediate stormwater syst		1000 than \$20,000/or				
Cost Effectiveness:		t per square mile is in the low						
		Ps completed in urban waters						
Past Performance:		pased upon the metrics in pla						
Complementary Efforts:	-							
	· ·			or better range.				
Project Readiness:	High Project is n	eady to begin on or before De	cember 1, 2019.					
	18.1	Strategic Goals						
Strategic Goals:		nitiative - Water Quality Mai	-	-				
		nent programs, projects and r	egulations to maintain ar	nd improve water				
	quality.	nitiative - Floodplain Manag	ement: Callagt and analy	vzo doto to				
		local and regional floodplain i	-					
		floodplain management decis	•	ion status and trends				
		y Region Priority: Improve L		na Bay Take				
		d Lake Seminole.	and monotoodood, ramp	ou Buy, Lune				
		y Region Priority: Flood Prot	ection: Improve flood pro	otection in Lake				
		e Pithlachascotee, Anclote an						
	coastal wa		-	•				
	Ove	all Ranking and Recommen	dation					
Fund as 1A Priority.		lentifies flood risk in an area v	_					
	~ '	will be utilized for flood insura	· · · · · · · · · · · · · · · · · · ·	•				
		and improve water quality, a	nd enhance the planning	of future				
	development in the pr	•						
		Funding						
Funding Source	Prior	FY2020	Future	Total				
District	\$281,25		\$268,750	· ·				
City of St. Petersburg	\$281,2		\$268,750					
Total	\$562,5	00 \$700,000	\$537,500	\$1,800,000				

Project No. N915	SW IMP- FI	ood Protectio	n- Lower Spring Branch (Conveyance Improvemen	nt				
City of Clearwater			, ,	•	FY2020				
Risk Level:	Type 3		Multi-Year	Contract:					
	"		Yes, Year 3						
			Description						
Description:	Design, pe	ermitting, and c	onstruction of conveyance	improvements along the	Lower Spring				
·		-	ek in Pinellas County. City						
	co-applica	nts for this pro	ject. FY2020 funding will b	e used for construction.	•				
Measurable Benefit:	The contra	actual Measura	ble Benefit will be the con	veyance improvements at	the Douglas				
	Avenue, S	pringtime Ave	nue, Overbrook Avenue an	d Sunset Point Road cros	ssings of the Lower				
		ing Branch system. Construction will be in accordance with the permitted plans.							
Costs:	-		0,000 (Design, permitting,	construction)					
		ounty: \$500,00							
		arwater: \$1,16							
		,660,000 with	\$1,142,500 budgeted in pr	evious years, and \$517,5	00 requested in				
	FY2020.		Fredrickler						
A 11 (1 A 12)	Maralinus	A	Evaluation	d information identification	the OFI avaidations				
Application Quality:	Medium		cluded most of the require		_				
Project Benefit:	High		ad to work with cooperator e Benefit of this project will						
Project Benefit:	riigii		24-hour storm event, prov	_					
		_	street flooding currently of	-	-				
			egional or intermediate dra	· •	and the project				
Cost Effectiveness:	Low		ratio is less than 0.7. Bene		ges to structures and				
			ffectiveness for multi-year						
			was originally approved.	, .,	, , , , , , , , , , , , , , , , , , ,				
Past Performance:	Medium		assessment of the schedu	e and budget for a combi	ned 15 ongoing				
		projects.		_					
Complementary Efforts:	High	Cooperator's	Community Rating System	class is 5 and is in the 5	or better range.				
Project Readiness:	High	Project is ong	oing and on schedule.						
			Strategic Goals						
Strategic Goals:	High	Strategic Ini	tiative - Flood Protection	Maintenance and Impro	vement: Develop				
		and impleme	nt programs, projects and	regulations to maintain ar	nd improve flood				
		protection, a	nd operate District flood co	ntrol and conservation str	ructures to minimize				
		flood damage	e while preserving the water	er resource.					
		Tampa Bay	Region Priority: Flood Pro	tection: Improve flood pro	tection in Lake				
			Pithlachascotee, Anclote a	nd Hillsborough Rivers an	d Pinellas County				
		coastal wate							
			Ranking and Recommer						
Fund as 1A Priority.	_		reduce structure and stree						
		-	nveyance improvements a	iong the Lower Spring Bra	anch of Stevenson				
	Creek in P	Pinellas County	Funding						
Funding Source	D.	rior	Funding FY2020	Futuro	Total				
Funding Source District	PI	rior \$1.142.500	\$517,500	Future \$0					
Pinellas County		\$1,142,500							
		\$500,000	\$0 \$547,500	·					
City of Clearwater		\$642,500	\$517,500						
Total	I	\$2,285,000	\$1,035,000	\$0	\$3,320,000				

Project No. N965	AWS - TBW Tampa Byp	ass Canal Gate Automatio	n						
Tampa Bay Water				FY2020					
Risk Level:	Type 3	Multi-Year	Contract:						
		Yes, Year 2	of 4						
		Description							
Description:	Design, permitting and o	onstruction to equip existing	g manual weir gates locat	ed on top of the					
	_	with remote-controlled mo		· · · · · · · · · · · · · · · · · · ·					
		I 162. The structures are ov		_					
		perated by the District, and							
Measurable Benefit:		des the installation of auton able Benefit will be the desi							
Measurable Deficit.		te actuators at Tampa Bypa							
	_	be done in accordance with		o, o for and					
Costs:		2,000 (Design, permitting a							
	Tampa Bay Water: \$516		•						
	District: \$516,000, with \$	\$210,700 budgeted in previo	ous years, \$216,800 requ	ested in FY2020,					
	and \$88,500 anticipated	to be requested in future ye	ears.						
		Evaluation							
Application Quality:	•	ncluded the required information		<u> </u>					
Project Benefit:		vill allow a more controlled							
		ss Canal, and reduce water	_	_					
		s will improve the water qua		_					
		flood control gates which stirs up bottom sediment in the canal. This project will reduce the frequency of District manual operation of the larger flood control gates.							
Cost Effectiveness:		s comparable to previous p							
Past Performance:		an assessment of the sched							
Complementary Efforts:	High The coopera	tor provides wholesale water	er supplies to the counties	of Hillsborough,					
	Pasco, and F	Pinellas, as well as the cities	of Tampa, St. Petersbur	g, and New Port					
		plans and coordinates con							
		nembers are responsible fo	r implementing programs	that quantify					
Dunio et Donalius esse		water demand.							
Project Readiness:	High Project is one	going and on schedule.							
Stratogic Goals:	High Strategic In	Strategic Goals	agnag officianciae in all w	ator una acetora to					
Strategic Goals:	ensure bene	tiative - Conservation: Enl	iance eniciencies in all w	ater-use sectors to					
		Region Priority: Improve L	ake Thonotosassa Tamr	na Bav Take					
		Lake Seminole.	and monotocacca, ramp	a bay, bano					
		II Ranking and Recommen	dation						
Fund as 1A Priority.	This ongoing project will	provide an economic meth	od for water conservation	and increased					
	alternative water supply								
		Funding							
Funding Source	Prior	FY2020	Future	Total					
Tampa Bay Water	\$210,700			\$516,000					
District	\$210,700		·						
Total	\$421,400	\$433,600	\$177,000	\$1,032,000					

Project No. N970	WMP - Sout	n Creek Wate	ershed Manage	ement Plan						
Pinellas County							FY2020			
Risk Level:	Type 3			Multi-Year C	ontract:					
				Yes, Year 2	of 3					
			Descrip	otion						
Description:			-		r the South Creek Water					
		-	-		, Floodplain Analysis, Le					
					ssment (SWRA), and Be	-				
		-	dplain Analysis. F		g will be used to comple	ete vvatersned				
Measurable Benefit:					letion of a WMP that ide	ntifies floodolains				
modedi dolo Bolloni.				-	IPs to address flooding	•				
		the watershe								
Costs:	Total project	l project cost: \$750,000								
	Pinellas Co	unty: \$375,00	00							
		rict: \$375,000 with \$75,000 budgeted in FY2019, \$150,000 requested in FY2020, and								
	\$150,000 a	nticipated to I	pe requested in	•						
			Evalua							
Application Quality:					mation identified in the C					
Project Benefit:	-		•	• .	that exist in the watersh	•				
		•			over 10 years old, and th	e watersned includ	es			
Cost Effectiveness:			ermediate stori		-range of historic costs (more than				
OOST EHECTIVEHESS.			•	•	ban watersheds. This is	•	·d			
		-		-	effort during the watersh	•				
			-	-	Cost effectiveness for m					
	i	oased upon t	ne metrics in pl	ace when pro	ject was originally appro	oved.				
Past Performance:	Medium I	Based upon a	n assessment	of the schedu	ule and budget for the 9	ongoing projects.				
Complementary Efforts:	High	Cooperator's	Community Ra	ting System of	class is 5 and is in the 5	or better range.				
Project Readiness:	High I	Project is ong	oing and on sc	hedule.						
			Strategic							
Strategic Goals:	-	_		-	essment and Planning:					
		-		_	onal water quality status					
			_		and restoration initiative ement: Collect and analy					
		_	-	_	formation, flood protecti		de			
			_	-	on and initiatives.	on status and trent	10			
					ection: Improve flood pro	tection in Lake				
		Tarpon, the f	Pithlachascotee	e, Anclote and	d Hillsborough Rivers an	d Pinellas County				
		coastal wate	rsheds							
			Ranking and							
Fund as 1A Priority.	_	• • •			rith no detailed study info					
					etermination, to help imp					
			•		d to enhance the planning to the manual to the second ted with the water	-				
			ffort in this high	•		ished evaluation				
	and noodpie	analyolo c	Fundi	•						
Funding Source	Pri	or	FY202		Future	Total				
District		\$75,000		\$150,000	\$150,000		\$375,000			
Pinellas County		\$75,000		\$150,000	\$150,000		\$375,000			
Total		\$150,000		\$300,000	\$300,000		\$750,000			

Project No. N993	WMP - Cyp	ress Creek W	MP Update					
Pasco County						FY2020		
Risk Level:	Type 4		l I	Multi-Year C	Contract:			
			,	Yes, Year 2	of 3			
			Descrip	tion				
Description:	Complete	a Watershed N	Management Pla	an (WMP) up	odate for the Cypress Cre	eek watershed in		
			-		aluation, Floodplain Anal			
		•		-	t Practice (BMP) Alterna	-		
					Evaluation and start Flo			
Measurable Benefit:		ne Measurable Benefit will be the completion of an updated WMP that identifies floodplains,						
Canton				o address flo	ooding concerns in the w	atershed.		
Costs:		ect cost: \$1,80 unty: \$900,000						
		-		ed in EV201	9, \$448,000 requested ir	n EV2020 and		
			be requested in		-	11 12020, and		
	Ψ202,000	artioipatoa to	Evaluat	•	•			
Application Quality:	High	Application in			mation identified in the C	FI Guidelines.		
Project Benefit:	-				ms that exist in the wate			
i rojost Bononti					tershed has experienced	-		
		· -			des regional or intermedi	_		
		systems.						
Cost Effectiveness:	High		•		range of historic costs (le			
			-	-	xed watersheds. Cost eff			
			ojects is based u	ipon the me	trics in place when projec	ct was originally		
		approved.						
Past Performance:					ule and budget for the 20			
Complementary Efforts:					class is 6 and is in the 6	to 9 range.		
Project Readiness:	High	Project is one	going and on sch					
			Strategic (
Strategic Goals:	High	_	-	_	ement: Collect and analy			
			_	-	nformation, flood protecti	on status and trends		
					on and initiatives.	taatian in Laka		
			-		ection: Improve flood pro d Hillsborough Rivers an			
		coastal wate		, Anciole an	u i illisbolougii Rivels ali	u Fillelias County		
			Ranking and I	Recommend	dation			
Fund as 1A Priority.	This ongo				at has experienced subs	tantial changes		
·	_				for flood zone determin	_		
	implemen	t solutions that	alleviate flood r	risk, and enh	nance the planning of futu	ure development in		
	the projec	t area.						
			Fundir					
Funding Source	Р	rior	FY2020		Future	Total		
District		\$200,000		\$448,000	\$252,000	\$900,000		
Pasco County		\$200,000		\$448,000	\$252,000	\$900,000		
Total		\$400,000		\$896,000	\$504,000	\$1,800,000		

Project No. N995	WMP - Plar	nt City Waters	hed Managen	nent Plan					
Plant City							FY2020		
Risk Level:	Type 4			Multi-Year	Contract:				
				Yes, 2 of 3					
			Descri	ption					
Description:	Watershed	l Management	Plan (WMP) a	and storm wa	ter inventory, floodplain de	lineation, and Be	est		
	_	-		-	or the Plant City Watershed				
				-	dates. Two limited detailed				
	•			•	ago (Eastside Canal Impr		ne		
		•	-		led studies included portion				
					lief implementation projects models will be utilized and				
			-		watershed evaluation and	-	J		
		analysis tasks			watershed evaluation and	begin the			
Measurable Benefit:					pletion of a WMP and storr	m water inventory	/		
					ces alternative analysis for	-	,		
	-		_		graphical information, ERF	•			
	use update	-			<u>. </u>				
Costs:		ct cost: \$1,30		-					
	•	nt City: \$650,0							
		trict: \$650,000 with \$250,000 budgeted in previous years, \$200,000 requested in FY2020, \$200,000 anticipated to be requested in future years.							
	and \$200,	000 anticipate			years.				
Application Quality	High	Application in	Evaluated all the		mation identified in the CF	I Guidelines			
Application Quality:							۸		
Project Benefit:	піgп		-		s that exist in the watershed r 10 years old, and the wat	-	J		
		-	termediate sto		-	ersned includes			
Cost Effectiveness:	Medium				range of historic costs (\$3	30.001 to			
		-	-		urban watersheds. Cost et				
		multi-year pro	jects is based	upon the me	trics in place when project	was originally			
		approved.							
Past Performance:					lule and budget for the 1 or	• • • • • • • • • • • • • • • • • • • 			
Complementary Efforts:					class is 8 and is in the 6 to	o 9 range.			
Project Readiness:	High	The project is	ongoing and						
			Strategio						
Strategic Goals:	High	_			upply Planning: Identify, co				
		-		_	es and resources necessar	y to meet future			
			ind beneficial v		needs. ement : Collect and analyzo	o data to			
		_		-	nformation, flood protection		de		
			-	-	ion and initiatives.	ir otatao ana tron	uo		
			-	-	ection: Improve flood prote	ection in Lake			
			_	-	d Hillsborough Rivers and				
		coastal wate	rsheds		-				
			I Ranking and						
Fund as 1A Priority.	_				with a combination of limite	-			
			-		esulting product will be util				
		tion, to neip im elopment in th	•		viate flood risk, and enhand	e trie planning o	II.		
	iulule dev	eiopini e nii in (n	e project area. Fund						
Funding Source	Pı	rior	FY20		Future	Total			
District		\$250,000	1120	\$200,000	\$200,000	lotal	\$650,000		
City of Plant City		\$250,000		\$200,000	\$200,000		\$650,000		
Total		\$500,000		\$400,000	\$400,000	Ç	\$1,300,000		
1 บเลา	I.	ψοσο,σοσ		Ψ 100,000	Ψ-00,000		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

Risk Level: Type 2 Multi-Year Contract: Yes, Year 2 of 3 Description: Increase Tampa Bay Water's pumping capacity of alternative water supply by 10-12 MGD average and 20-22 MGD maximum at the Regional Facility Site High Service Pump Station. The project will include design, permitting, and construction activities associated with the removal of an existing unused 10 MGD (600 HP) jockey pump and installation of a new 24 MGD (2,000 HP) split case pump, structural modifications to support the pump, Variable Frequency Drive, motor and ancillary electrical and mechanical equipment. The FY2020 Indigning will be for construction of a high service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans.	Project No. N998	AWS - TBW	Regional Tre	atment Facili	ty Pumping Ex	pansion		
Description: Increase Tampa Bay Water's pumping capacity of alternative water supply by 10-12 MGD average and 20-22 MGD maximum at the Regional Facility Site High Service Pump Station. The project will include design, permitting, and construction activities associated with the removal of an existing unused 10 MGD (800 HP) jockey pump and installation of a new 24 MGD (2,000 HP) split case pump, structural modifications to support the pump, Variable Frequency Drive, motor and ancillary electrical and mechanical equipment. The FY2020 funding will be for construction. Measurable Benefit: The contractual Measurable Benefit will be the design, permitting, and construction of a high service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans. Costs: Total project cost: \$2,400,000 (Design, permitting, and construction); Tampa Bay Water's 1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity water supply system and maximize the use of permitted sufface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Valver Supply Plan. Cost Effectiveness: High The project is conditionally and proper is considered water supplies to the countries of Hillsborough, Pasco, and Pinelias, as well as the	Tampa Bay Water						FY2	2020
Description Increase Tampa Bay Water's pumping capacity of alternative water supply by 10-12 MGD average and 20-22 MGD maximum at the Regional Facility Site High Service Pump Station. The project will include design, permitting, and construction activities associated with the removal of an existing unused 10 MGD (600 PH) jockey pump and installation of a new 24 MGD (2,000 HP) split case pump, structural modifications to support the pump, Variable Frequency Drive, motor and annollary electrical and mechanical equipment. The FY2020 funding will be for construction. Measurable Benefit: The contractual Measurable Benefit will be the design, permitting, and construction of a high service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans. Costs: Total project cost: \$2,400,000 (Design, permitting, and construction); Tampa Bay Water: \$1,200,000. District: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years. Featuration Application Quality: High Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In compa	Risk Level:	Type 2			Multi-Year Co	ntract:		
Description: Increase Tampa Bay Water's pumping capacity of alternative water supply by 10-12 MGD average and 20-22 MGD maximum at the Regional Facility Site High Service Pump Station. The project will include design, permitting, and construction activities associated with the removal of an existing unused 10 MGD (600 HP) jockey pump and installation of a new 24 MGD (2,000 HP) split case pump, structural modifications to support the pump. Variable Frequency Drive, motor and ancillary electrical and mechanical equipment. The FY2020 funding will be for construction. Measurable Benefit: The contractual Measurable Benefit will be the design, permitting, and construction of a high service pump that will increase Tampa Bay Water's pumping capacity of atternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans. Costs: Total project cost: \$2,400,000 (Design, permitting, and construction); Tampa Bay Water: \$1,200,000; District: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years.						3		
average and 20-22 MGD maximum at the Regional Facility Site High Service Pump Station. The project will include design, permitting, and construction activities associated with the removal of an existing unused 10 MGD (600 HP) jockey pump and installation of a new 24 MGD (2,000 HP) split case pump, structural modifications to support the pump. Variable Frequency Drive, motor and ancillary electrical and mechanical equipment. The FY2020 funding will be for construction. Measurable Benefit: The contractual Measurable Benefit will be the design, permitting, and construction of a high service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans. Costs: Costs: Costs: Costs: Costs: Application Quality: Project Benefit: High Application included all the required information identified in the CFI Guidelines. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. Project Benefit: High Application included all the required information identified in the CFI Guidelines. Froject Benefit: Cost Effectiveness: High Cost Effectiveness: High Cost Effectiveness: High Cost Effectiveness: High Application and an amount of the contract				Descri	ption			
project will include design, permitting, and construction activities associated with the removal of an existing unused 10 MGD (600 HP) jockey pump and installation of a new 24 MGD (2,000 HP) split case pump, structural modifications to support the pump, Variable Frequency Drive, motor and ancillary electrical and mechanical equipment. The FY2020 funding will be for construction. Measurable Benefit: The contractual Measurable Benefit will be the design, permitting, and construction of a high service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans. Costs: Total project cost: \$2,400,000 (Design, permitting, and construction); Tampa Bay Water's 1,200,000; District: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the system for the reproject is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increases in capacity. Project Readiness: High Froject Re	Description:							
an existing unused 10 MGD (600 HP) jockey pump and installation of a new 24 MGD (2,000 HP) split case pump, structural modifications to support the pump, Variable Frequency Drive, motor and ancillary electrical and mechanical equipment. The FY2020 funding will be for construction. Measurable Benefit: The contractual Measurable Benefit will be the design, permitting, and construction of a high service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans. Costs: Total project cost: \$2,400,000 (Design, permitting, and construction); Tampa Bay Water; \$1,200,000; District: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply had will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High Cost Effectiveness: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. High Project Readiness: High Strategic Initiative - Regional Water Supply Planning: Identify, communi		-			-	•		
split case pump, structural modifications to support the pump, Variable Frequency Drive, motor and ancillary electrical and mechanical equipment. The FY2020 funding will be for construction. Measurable Benefit: The contractual Measurable Benefit will be the design, permitting, and construction of a high service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans. Costs: Total project cost: \$2,400,000 (Design, permitting, and construction); Tampa Bay Water: \$1,200,000; District: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity, in comparison, a 2017 Basis of Design Report (BODR) for the Peace River Mansota Regional Water Supply Authority (PMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. The applicant provides wholesale alternative water supplies to the counties of Hillsb			_					
mad ancillary electrical and mechanical equipment. The FY2020 funding will be for construction. Measurable Benefit: The contractual Measurable Benefit will be the design, permitting, and construction of a high service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans. Costs: Total project cost: \$2,400,000 (Design, permitting, and construction); Tampa Bay Water: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity hen it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Complementary Efforts: High Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the s		_						
Measurable Benefit: The contractual Measurable Benefit will be the design, permitting, and construction of a high service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station.								
service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans. Costs: Total project cost: \$2,400,000 (Design, permitting, and construction); Tampa Bay Water: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity, in comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Complementary Efforts: High The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that	Measurable Benefit:		•					
Costs: Total project cost: \$2.400,000 (Design, permitting, and construction); Tampa Bay Water: \$1,200,000; District: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in formation identified in the CFI Guidelines. Evaluation		service pun	np that will ind	rease Tampa	Bay Water's pu	imping capacity of alter	native water supply	
Costs: Total project cost: \$2,400,000 (Design, permitting, and construction); Tampa Bay Water: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Complementary Efforts: High The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to				_	-		Station.	
Tampa Bay Water: \$1,200,000: District: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. The applicant provides wholesale alternative water supplies to the counties of Hillisborough, Pasco, and Pinellas, as well as the cities of Tampa, \$1. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: Strategic Goals: Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase d								
District: \$1,200,000 with \$108,000 requested in previous years, \$1,014,500 in FY2020 and \$77,500 anticipated to be requested in future years. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Complementary Efforts: High The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategi	Costs:				, permitting, and	construction);		
***Strategic Goals** ***Strategic Goals** ***Strategic Goals** ***Strategic Goals** ***Strategic Goals** ***Strategic Goals** ***Strategic Initiative . Application included to the requered information identified in the CFI Guidelines. ***Evaluation** Application included all the required information identified in the CFI Guidelines. ***Project Benefit:** High					uested in provie	ue voore \$1 014 500 ii	2 EV2020 and	
Application Quality: High Application included all the required information identified in the CFI Guidelines. Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Complementary Efforts: High The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Strategic Goals Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Min				-		us years, \$1,014,500 ii	11 12020 and	
Project Benefit: High The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. The applicant provides wholesale alternative water supplies to the counties of Hillsborrough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Strategic Goals: Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery		Ţ ,000 dii		·	<u> </u>			
alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Strategic Goals Strategic Goals Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery	Application Quality:	High	Application in	cluded all the	required information	ation identified in the C	FI Guidelines.	
Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery	Project Benefit:	High	The benefit of	f this project is	the increase in	Tampa Bay Water's p	umping capacity of	
10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Strategic Goals: Strategic Goals: High Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery		II.				•		
program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery		II.	-					
and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals: Strategic Goals: Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery		II.		-	-			
additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Complementary Efforts: High The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery					-			
supply that will be developed as part of the Long-Term Master Water Supply Plan. Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals: Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery		II.		-		• •		
Cost Effectiveness: High The project is cost effective relative to comparable projects for increasing existing capacity. In comparison, a 2017 Basis of Design Report (BODR) for the Peace River Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery		II.	· · · · · · · · · · · · · · · · · · ·					
Manasota Regional Water Supply Authority (PRMRWSA) tabulated a cost of \$2.6M for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Complementary Efforts: High The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals: Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery	Cost Effectiveness:							
for a 20 MGD maximum increase in capacity. Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Complementary Efforts: High The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals: Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery				-				
Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Complementary Efforts: High The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery				-		•	ed a cost of \$2.6M	
Complementary Efforts: High The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals: Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery	Don't Don't comment					•		
Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals: High Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery						-		
New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals High Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery	Complementary Enorts:	-		•				
Bay region. The members are responsible for implementing programs that quantify reductions in water demand. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals: High Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery								
Project Readiness: High Strategic Goals Strategic Goals Strategic Goals: High Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery								
Strategic Goals Strategic Goals: High Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery			reductions in	water demand	l			
Strategic Goals: High Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery	Project Readiness:	High	Project is ong					
and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery				_				
reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery	Strategic Goals:	High	_	_				
Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery			•		_		ary to meet future	
alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery							onment of	
Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery			_				- T-	
					•		•	
							,	
Overall Ranking and Recommendation								
Fund as 1A Priority. This ongoing project increases alternative water supply pumping capacity in the Tampa Bay	Fund as 1A Priority.	-			tive water suppl	y pumping capacity in	the Tampa Bay	
Region and is cost effective.		Region and	I is cost effect		ling			
Funding Funding Source Prior FY2020 Future Total	Funding Source	Pri	ior			Future	Total	
Tampa Bay Water \$108,000 \$1,014,500 \$77,500 \$1,200,000				1120				000
District \$108,000 \$1,014,500 \$77,500 \$1,200,000								
Total \$216,000 \$2,029,000 \$155,000 \$2,400,000								

Project No. Q011	WMP - Pith	MP - Pithlachascotee/Bear Creek WMP Update								
Pasco County						FY2020				
Risk Level:	Type 4			Multi-Year Co	ontract:					
				Yes, Year 2 c	of 3					
			Descri	ption						
Description:	Complete	a Watershed N	/lanagement P	lan (WMP) up	date for the Pithlachasc	otee River/Bear				
			-	-	ding Watershed Evaluat					
	-				Best Management Prac					
		ternative Analysis. FY2020 funding will be used to complete the Watershed Evaluation and								
Magazinahla Danafiti	_	Floodplain Ana	-		1. (1.) A/A A/D (I . (' I	ere a la l				
Measurable Benefit:				-	updated WMP that ident oding concerns in the w					
Costs:		ect: \$1,600,000		to address not	buing concerns in the w	atersneu.				
00313.		unty: \$800,000								
		-		eted in previous	s years, \$300,000 reque	ested in FY2020.				
		000 anticipated				, , , , , , , , , , , , , , , , , , , ,				
		<u>, </u>	Evalua	•						
Application Quality:	High	Application in	cluded all the	required inforn	nation identified in the C	FI Guidelines.				
Project Benefit:	Medium	Identification	of flooding pro	blems that exi	st in the watershed and	solutions. Currently,				
		flood analysis	models are a	vailable and ar	re from 5 to 10 years old	d, and the watershed				
				diate stormwa						
Cost Effectiveness:	High		•		um range of historic cos	•				
			•	•	d in mixed urban/rural w					
			effectiveness for multi-year projects is based upon the metrics in place when project							
D (D (N.A. 11	was originally)i				
Past Performance:					le and budget for the 20					
Complementary Efforts:		-			lass is 6 and is in the 6	to 9 range.				
Project Readiness:	High	Project is ong	oing and on so							
Otrotorio Cooler	Lliada	Otrosto mio Imi	Strategio			ant Davider				
Strategic Goals:	High	_		-	tenance and Improvem					
		quality.	in programs, p	orojecis and re	gulations to maintain ar	iu improve water				
			tiative - Flood	nlain Manage	ment: Collect and analy	ze data to				
		_		-	formation, flood protecti					
			_	-	on and initiatives.					
					ction: Improve flood pro	tection in Lake				
		Tarpon, the F	Pithlachascote	e, Anclote and	Hillsborough Rivers an	d Pinellas County				
		coastal wate	rsheds		-					
				Recommend						
Fund as 1A Priority.	•	•			h existing flood analysis					
	•	•			od zone determination,					
		hat alleviate flo	ood risk, and e	nhance the pla	anning of future develop	ment in the project				
	area.		Fund	ling						
Funding Source	D	rior	FY20		Future	Total				
Pasco County		\$200,000	1120	\$300,000	\$300,000					
District		\$200,000		\$300,000	\$300,000	· · · · · · · · · · · · · · · · · · ·				
Total		\$400,000		\$600,000	\$600,000					
เบเสเ		ψ-του,υυυ		ψοσο,σοσ	Ψ000,000	Ι Ψ1,000,000				

Project No. Q012	SW IMP - F	lood Protection	on - Buck/Lanier						
Pasco County					FY2020				
Risk Level	Type 3		Multi-Year	Contract:					
			Yes, Year 2	of 2					
			Description						
Description	-	_	permitting, and construction						
		-	vance improvements in the						
			County. Offsite discharge						
			ced in this closed basin. Th ar, 24-hour storm event. F	_	· · · · · · · · · · · · · · · · · · ·				
	construction	-	ar, 24 riodi Storiii everit. I	1 2020 Turiding Will be use	a to complete				
Measurable Benefit:			ble Benefit will be the cons	struction of a stormwater p	oond and				
		onveyance improvements in the Buck and Lanier Road neighborhood in accordance with the							
	permitted	•							
Costs			,000 (land acquisition, desi	• .	*				
		•	(Includes \$100,000 of land 60,000 budgeted in previou	-	,				
	District. \$3	o 10,000 with \$6	Evaluation	s years and \$250,000 red	questeu iii F12020.				
Application Quality:	High	Application in	cluded all the required info	rmation identified in the C	FI Guidelines.				
Project Benefit:			Benefit of this project will						
r roject zenema	1.13.1		24-hour storm event. Struc						
			and the project impacts the		-				
Cost Effectiveness	High	Benefit/Cost r	atio is greater than or equa	al to 1. Benefits include av	oided damages to				
		structures and							
Past Performance:			in assessment of the sched	<u>-</u>					
Complementary Efforts:			Community Rating System	class is 6 and is in the 6	to 9 range.				
Project Readiness	High	Project is ong	oing and on schedule.						
Ctuatania Caala	Lliada	Otrosto mio trair	Strategic Goals	Mai: 4	and Develop				
Strategic Goals:	High	_	tiative – Flood Protection nt programs, projects and i	=	· ·				
			nd operate District flood co	_	-				
		1 3	while preserving the wate		30.0.00				
		_	Region Priority: Flood Prof		tection in Lake				
		Tarpon, the F	Pithlachascotee, Anclote ar	nd Hillsborough Rivers an	d Pinellas County				
		coastal water							
Fund on 1A Dringth	This		Ranking and Recommen		and in an area that				
Fund as 1A Priority.	5 -	• • •	provide flood protection for d street flooding, and is co		rent in an area that				
	expending	co siructure an	Funding	อเ ธแซนแทธ. 					
Funding Source	Р	rior	FY2020	Future	Total				
Pasco County		\$60,000	\$250,000						
District		\$60,000	\$250,000	\$0	\$310,000				
Total		\$120,000	\$500,000	\$0	\$620,000				

Project No. Q013	WMP - Han	nmock Creek	Watershed Management F	Plan						
Pasco County			_		FY2020					
Risk Level:	Type 4		Multi-Year	Contract:						
) I		Yes, 2 of 3							
			Description							
Description:	Complete	a Watershed N	Management Plan (WMP) fo	or the Hammock Creek w	atershed in Pasco					
2000111111111			uding Watershed Evaluatio							
			ation, and Best Managemer							
			ised to complete the Water		-					
	Analysis.									
Measurable Benefit:		urable Benefit	will be the completion of a	WMP that identifies flood	plain, establishes					
			ding concerns in the waters							
Costs:		ect cost: \$1,80	-							
		asco County: \$900,000								
		•	200,000 budgeted in previo	us vears, \$300,000 reque	ested in FY2020,					
			d to be requested in future		,					
			Evaluation							
Application Quality:	High	Application in	cluded all the required info	rmation identified in the C	FI Guidelines.					
Project Benefit:	High	The WMP will analyze flooding problems that exist in the watershed. Currently, flood								
		analysis models are not available or are over 10 years old, and the watershed includes								
		regional or in	termediate stormwater syst	ems.						
Cost Effectiveness:	Medium	Project cost p	per square mile is in the me	dium range of historic cos	sts (\$30,001 -					
		\$50,000/sq m	ni) for urban WMPs. Cost ef	fectiveness for multi-year	projects is based					
		upon the met	rics in place when project v	vas originally approved.						
Past Performance:		-	an assessment of the sched	-						
Complementary Efforts:	Medium	Cooperator's	Community Rating System	class is 6 and is in the 6	to 9 range.					
Project Readiness:	High	Project is one	going and on schedule.							
			Strategic Goals							
Strategic Goals:	High	Strategic Ini	tiative - Water Quality Mai	ntenance and Improvem	ent: Develop					
		and impleme	ent programs, projects and i	regulations to maintain an	id improve water					
		quality.								
		_	tiative - Floodplain Manag	-						
			cal and regional floodplain	-	on status and trends					
			oodplain management decis							
			Region Priority: Flood Pro							
		• •	Pithlachascotee, Anclote ar	nd Hillsborough Rivers an	d Pinellas County					
		coastal wate		4-41						
Fund co 14 Driesite	This		I Ranking and Recommen		amonting available					
Fund as 1A Priority.	-		ntifies flood risk in an area	-						
		The resulting product will be utilized for flood zone determination, help implement solutions that								
		alleviate flood risk and improve water quality, and enhance the planning of future development in the project area.								
	and project	aica.	Funding							
Funding Source	Pr	rior	FY2020	Future	Total					
Pasco County		\$200,000		\$400,000						
District		\$200,000		<u> </u>						
		\$200,000		\$800,000						
Total	1	Ψ-00,000	1 \$000,000	ψ000,000	ι ψι,οοο,οοο					

Project No. Q027	SW IMP - F	V IMP - Flood Protection - 56th St and Hanna Avenue Drainage Improvements								
Hillsborough County						FY2020				
Risk Level:	Type 3			Multi-Year C	ontract:					
				Yes, 2 of 3						
			Descri	ption						
Description:	Design, pe	ermitting and co	onstruction for	drainage impr	rovements to the existing	stormwater				
	-				area in the Hillsborough					
		-			ove the drainage system					
		-		• •	ng a second outfall to the	~				
	•	•	•		e along 56th Street and					
		nding will be u	-		d water quality for appro	ximalely 262 acres.				
Measurable Benefit:		_		_	on of design, permitting a	nd construction of				
modediable Belletit.				•	ce system BMPs along 5					
				-	62 acres of highly urbani					
		e with the perr		, ,	3 , 1 1 1 1	,				
Costs:	Total proje	ect cost: \$3,350	0,000 (design,	permitting, co	nstruction)					
		gh County: \$1,								
				-	ous years, \$200,000 requ	uested in FY2020,				
	and \$1,27	5,000 anticipat	•		years.					
	11.1		Evalu							
Application Quality:					nation identified in the C					
Project Benefit:	High				educe the existing flooding					
		_			ure and street flooding co	-				
Cost Effectiveness:	High			-	egional or intermediate d to 1. Benefits include av					
OOST ENCOUVERIESS.	riigii	roads.	allo is greater	triair or equal	to 1. Deficites include av	olded damages to				
Past Performance:	Medium		ın assessmen	t of the schedu	ule and budget for the 22	ongoing projects.				
Complementary Efforts:	High	Cooperator's	Community R	ating System o	class is 5 and is in the 5	or better range.				
Project Readiness:	High	Project is ong	oing and on s	chedule.						
			Strategi	c Goals						
Strategic Goals:	High	Strategic Ini	tiative - Water	r Quality Asse	essment and Planning: (Collect and				
		analyze data	to determine	local and regio	onal water quality status	and trends to				
			_		and restoration initiative					
		_			laintenance and Improv	· ·				
		-		-	egulations to maintain an					
			-		trol and conservation stru	uctures to minimize				
		1		ving the water	ection: Improve flood prof	tootion in Lako				
			_	•	Hillsborough Rivers and					
		coastal wate		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	i i illioborougii i kivoro urk	a i monao obanty				
				d Recommend	ation					
Fund as 1A Priority.	This ongo	ing project incl	udes the com	pletion of desig	gn, permitting and constr	uction of drainage				
	-	-	_		nna Avenue to reduce flo	ooding in				
	approxima	ately 262 acres		•	ır storm event.					
			Func							
Funding Source	P	rior	FY20		Future	Total				
District		\$200,000		\$200,000	\$1,275,000	\$1,675,000				
Hillsborough County		\$200,000		\$200,000	\$1,275,000	\$1,675,000 \$3,350,000				
Total		\$400,000		\$400,000	\$2,550,000	\$3,350,000				

Project No. Q034	WMP - Bro	oker Creek W	atershed Man	agement Pla	n				
Pinellas County							FY2020		
Risk Level:	Type 3			Multi-Year (
				Yes, Year 2	of 3				
	_		Descri	-					
Description:			-		or the Brooker Creek Wate				
	-	-	-		n, Floodplain Analysis, Levessment (SWRA), and Bes				
					ng will be used to complete	-			
	•	•	dplain Analysi		ig viii be deed to complete	o materialie			
Measurable Benefit:			<u> </u>		oletion of a WMP that iden	ntifies floodplains,			
	establishe	establishes LOS, performs SWRA, and evaluates BMPs to address flooding and water quality							
		oncerns in the watershed.							
Costs:		ect cost: \$900,0							
		ounty: \$450,00		ad in EV2010	, \$225,000 requested in F	V2020 and			
			oe requested i			12020, and			
	, , , , , , , , , , , , , , , , , , , ,		Evalua	· · · · · · · · · · · · · · · · · · ·					
Application Quality:	High	Application in	cluded all the	required infor	mation identified in the CF	I Guidelines.			
Project Benefit:	High	The WMP wil	l analyze flood	ling problems	that exist in the watershe	d. Currently, flood	Ī		
		-			over 10 years old, and the	watershed includ	es		
			termediate sto						
Cost Effectiveness:	Low		•	•	n-range of historic costs (n		.1		
		-	•	-	nixed watersheds. Howevent watershed studies to thi		τ		
		-	-	-					
		effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.							
Past Performance:	Medium	Based upon a	an assessmen	t of the sched	ule and budget for the 9 o	ongoing projects.			
Complementary Efforts:	High	Cooperator's	Community Ra	ating System	class is 5 and is in the 5 c	or better range.			
Project Readiness:	High	Project is ong	oing and on s	chedule.					
			Strategio						
Strategic Goals:	High	_		-	essment and Planning: C				
		•		•	onal water quality status a s and restoration initiatives				
			-		ement: Collect and analyz				
		_		-	nformation, flood protection		ds		
			-	-	ion and initiatives.				
		Tampa Bay	Region Priorit	y : Flood Prot	ection: Improve flood prote	ection in Lake			
		• .		e, Anclote an	d Hillsborough Rivers and	l Pinellas County			
		coastal wate		I Dagamman	detion				
Fund as 1A Priority.	This ongo		I Ranking and		uation vith existing flood analysis	more than 10			
r und do 17 tr nonty.	_	• •			ood zone determination, to				
	-				quality, and to enhance th		re		
	developme	ent in the proje	ct area. The h	igher cost for	this urban watershed is ju	ustified due to the			
	•		•	•	nd priority to have reasona	•			
			-	ve adjacent w	atershed studies located i	in Pinellas, Pasco	,		
	and Hillsb	orough Counti	es. Fund	lina					
Funding Source	Pi	rior	FY20		Future	Total			
District		\$75,000	1 1 20	\$225,000	\$150,000	·······································	\$450,000		
Pinellas County		\$75,000		\$225,000	\$150,000		\$450,000		
Total		\$150,000		\$450,000	\$300,000		\$900,000		

Project No. Q036	SW IMP - F	lood Protection	on - Bartlett P	ark and 7th S	Street South Stormw	ater	N IMP - Flood Protection - Bartlett Park and 7th Street South Stormwater								
City of St. Petersburg	Improveme	ents					FY2020								
Risk Level:	Type 3			Multi-Year (Contract:										
				Yes, 2 of 2											
			Descri	ption											
Description:		-			mprovements at Bart										
					ue South. The projec										
					oding within the neig er system is undersiz										
				•	frequent flooding wit										
	-	-		_		_	J.								
		proposed drainage improvements includes low-impact development (LID) elements, a ient separating baffle box, and increased conveyance capacity via enlarged piping and													
	natural sw	ales. Water qu	ality improven	nents provide	an additional benefit	to the project. FY20	20								
		unding will be used to complete construction.													
Measurable Benefit:					gn, permitting, and co										
					and along 7th Street		nue								
		∠nd Avenue S ig area, in acci			re and street flooding	g in the 48.5 acre									
Costs		-			ind construction)										
		Petersburg: \$, pog, o											
	-	_		geted in prev	ious years and \$1,05	2,500 requested in									
	FY2020.														
			Evalua												
Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM had to work with cooperator to obtain remaining required information.													
Project Benefit:	High			•	o obtain remaining re										
Project Bellent.	riigii				are and street floodin		-								
		-			regional or intermedia	-									
Cost Effectiveness:	High				l to 1. Benefits includ										
		roads.													
Past Performance:					lule and budget for th		<u>; </u>								
Complementary Efforts:		•			class is 5 and is in the	ne 5 or better range.									
Project Readiness:	High	Project is ong	oing and on s												
			Strategio												
Strategic Goals:	High	_		=	ntenance and Impro	•	_								
		quality.	ni programs, p	orojecis and i	egulations to maintai	n and improve water									
		' '	tiative – Flood	d Protection	Maintenance and Im	provement: Develor)								
		_			egulations to maintai	•									
		protection, a	nd operate Dis	trict flood cor	ntrol and conservation	n structures to minim	ıize								
		_	e while preser	-											
			•	•	ection: Improve flood	•									
		•		e, Anclote an	d Hillsborough River	s and Pinellas Count	.y								
		coastal wate	rsneds I Ranking and	Recommen	dation										
Fund as 1A Priority.	This onaoi				re and street flooding	problem up to the 1	0								
,.	_			-	7th Street South fro										
	22nd Aver														
			Fund												
Funding Source	Pı	rior	FY20		Future	Total									
City of St. Petersburg		\$122,500		\$1,052,500		\$0	\$1,175,000								
District		\$122,500		\$1,052,500		\$0	\$1,175,000								
Total		\$245,000		\$2,105,000		\$0	\$2,350,000								

Project No. N773	SW IMP - F	IMP – Flood Protection – Cypress Street Outfall Regional Stormwater Improvements								
City of Tampa							FY2020			
Risk Level:	Type 3			Multi-Year (Contract:					
				Yes, Year 4	of 5					
			Descrip	otion						
Description:	Design, pe	ermitting and c	onstruction to i	mprove the e	existing drainage system	for the West				
	Riverfront	and North Hyd	le Park areas ir	n the City of	Tampa to relieve structur	e and street				
	flooding. T	his project is f	or construction	of Phase 2 of	of the project which exten	ids the Phase 1				
		outfall which was funded solely by the City of Tampa. Funding was approved in FY2017 for 30%								
	_	lesign and third-party review. The District required a third-party review because the conceptual								
		onstruction estimate is greater than \$5 million dollars. The FY2020 funding request is for								
Manager Danielle	construction		5 6: :::							
Measurable Benefit:				•	on of design, permitting a					
					nce system BMP's to red Construction will be in ac	-				
	permitted	-	or riigriiy urbai	IIIZEU Dasiii.	Construction will be in ac	cordance with the				
Costs:	•		00 000 (design	third-party r	eview, permitting and co	nstruction)				
230101		npa: \$15,000,0		, party 1	, potang and oo	,				
	•	•		udgeted in p	revious years, \$5,000,00	0 requested in				
				-	I in future years.					
			Evalua	ition						
Application Quality:	High	Application in	cluded all the r	equired infor	mation identified in the C	FI Guidelines.				
Project Benefit:	High	The Resource	e Benefit of this	s project will	reduce the existing floodi	ng problem during				
		the 25 year, 2	24-hour storm e	event. Structu	ure and street flooding cu	rrently occurs in the	;			
					regional or intermediate o					
Cost Effectiveness:	Medium			_	er than or equal to 0.7. B	senefits include				
- 15 f			ages to structu			4				
Past Performance:					ule and budget for the 1					
Complementary Efforts:			<u> </u>		class is 6 and is in the 6	to 9 range.				
Project Readiness:	Hign	The project is	ongoing and o							
Otrotopia Opolo	I II ada		Strategic			1.5				
Strategic Goals:	Hign	_			Maintenance and Improv	•				
		-		-	egulations to maintain ar ntrol and conservation str					
			e while preserv			uctures to minimize				
		_	-	-	ection: Improve flood pro	tection in Lake				
			•	₹	d Hillsborough Rivers an					
		coastal wate		o, /o.o.o a	a :					
		Overal	I Ranking and	Recommen	dation					
Fund as High Priority.	30% desig	n and third pa	rty review is an	nticipated to b	pe completed by March 2	019. Contractually,				
				-	eed beyond this task. An	•				
					understanding that the G	-				
			-		mending FY2020 funding					
		=	nood protection	n for structure	es and streets during the	25 year, 24-hour				
	storm eve	nτ.	Fundi	ing						
Funding Source	D	rior	FUIId		Future	Total				
District		\$4,500,000		\$5,000,000	\$5,500,000		5,000,000			
City of Tampa		\$4,500,000		\$5,000,000	\$5,500,000		5,000,000			
<u> </u>		\$9,000,000		\$5,000,000	\$11,000,000	·	0,000,000			
Total	l	ψυ,υυυ,υυυ	ų (, 10,000,000	Ψ11,000,000	1	,,500,000			

Project No. N850	SW IMP - F	lood Protection	on - Sea Pines N	eighborho	od Flood Abatement				
Pasco County						FY2020			
Risk Level:	Type 3		М	ulti-Year C	Contract:				
			Y	es, Year 3	of 4				
			Descripti	on					
Description:	-	_	-		n of new and upgraded s				
	-	-			Sea Pines neighborhood				
	-	-			design and third-party rev complex and includes mu				
					plete design and permittir	-			
Measurable Benefit:					n, permitting, and constru				
				•	the intermediate stormw				
	Sea Pines	ea Pines neighborhood. Construction will be in accordance with the permitted plans.							
Costs:			0,000 (land acqui	sition, desi	ign, third-party review, pe	ermitting, and			
	construction	onstruction) asco County: \$1,650,000 (including \$250,000 in land acquisition costs as funding match)							
		-				-			
			d to be requested	-	ious years, \$200,000 req rears	uesteu III F 12020,			
	ana qooo,	oco armorpato	Evaluation		reare.				
Application Quality:	Medium	Application in	cluded most of th	ne required	information identified in	the CFI guidelines.			
		District PM/CM had to work with cooperator to obtain remaining required information.							
Project Benefit:	High								
		-			ture and street flooding c	-			
Cost Effectiveness:	∐igh				regional or intermediate or to 1. Benefits include av				
COSt Effectiveness.	riigii	structures an	-	iii oi equai	to 1. Deficition include av	olued damages to			
Past Performance:	Medium			the sched	ule and budget for the 20	O ongoing projects.			
Complementary Efforts:					class is 6 and is in the 6				
Project Readiness:		Project is ong	oing and on sche	edule.					
			Strategic G	ioals					
Strategic Goals:	High	Strategic Ini	tiative – Flood P	rotection I	Maintenance and Improv	vement: Develop			
				•	egulations to maintain an	•			
			-		ntrol and conservation str	uctures to minimize			
		_	e while preserving	_		6 - 6 - 2 - 1 - 1 -			
		_	-		ection: Improve flood pro				
		coastal wate		Aliciole ali	d Hillsborough Rivers an	d i ilicilas County			
			I Ranking and R	ecomme <u>n</u>	dation				
Fund as High Priority.	30% desig		_		e completed by July 201	9. Contractually,			
					roceed beyond this task.	· ·			
					d with the understanding				
		•			f is recommending FY20 ture and street flooding d	•			
	_		• •		r conveyance and storag				
	_ 1 11001 3t	o.m ovent by t	Funding		. convoyance and storag	, pondo.			
Funding Source	Р	rior	FY2020		Future	Total			
Pasco County		\$650,000		\$200,000	\$800,000				
District		\$650,000		\$200,000	\$800,000				
Total		\$1,300,000		\$400,000	\$1,600,000	\$3,300,000			

Project No. N855	DAR - Sout	h Hillsboroug	h Aquifer Rec	harge Prog	ram (SHARP) - Phase 2					
Hillsborough County							FY2020			
Risk Level:	Type 3			Multi-Year	Contract:					
				Yes, Year 3	3 of 4					
			Descri	ption						
Description:	Continuation	on of the FY20	18 Phase 1 pr	oject to inclu	ide the final design, perm	itting, constructio	n,			
	testing, an	d independent	performance	evaluations (IPEs) of two recharge we	ell sites (Sites 1 a	nd			
	2). Each si	te will consist	of one 2 mgd r	reclaimed wa	iter recharge well, four m	onitoring wells, ar	nd			
	-	necessary transmission and appurtenances for recharge and monitoring. Funding was approved in FY2018 for third party review (TPR) and, with additional Governing Board approval, completion								
					ditional Governing Board	approval, comple	tion			
			initial construc							
Measurable Benefit:		The contractual Measurable Benefit is for final design, permitting, construction and testing of Site 1, including the completion of an IPE. If IPE results are favorable and, with additional								
		-	-				for			
	_				able Benefit will include o e Site 1 is operational, ar		101			
	-		-	-	ard approval, the contract					
				_	of Site 2 for 20 years at a		n			
				•	nce with the permitted pla	•				
Costs:		•			ng, TPR, construction, te					
	independe	nt performanc	e evaluations)							
	Hillsborou	gh County: \$4,	850,000							
		,850,000 with	\$4,500,000 bu	udgeted in pr	evious years and \$350,00	00 requested in				
	FY2020.									
	A 4 1:	A 1: 1: :	Evalua		1.6.4.1.4.6.1.					
Application Quality:	Medium			-	d information identified in	-	S.			
			M nad to work	with the coo	perator to obtain remaining	ng requirea				
Project Benefit:	High	information.	f this project is	to ovpand th	ne use of reclaimed water	to rochargo				
Project Bellent.	riigii			-	an aquifer to improve aqu	-				
			the MIA of the		an aquiler to improve aqu	mer water level				
Cost Effectiveness:	High				of costs for similarly funde	ed projects.				
Past Performance:					e and budget for 22 ongo					
Complementary Efforts:	High	County imple	ments reclaime	ed metering	and incentive based rate	structures, and ha	as			
	-	proactive recl	aimed expans	ion policies t	o maximize use and bene	efits.				
Project Readiness:	High	Project is ong	oing and on s	chedule.						
			Strategio	Goals						
Strategic Goals:	High	_			Maximize beneficial use	of reclaimed				
					vater supplies.					
				Implement S	Southern Water Use Caut	ion Area (SWUC	۹)			
		Recovery Str		December	detion					
Fund as High Priority.	The Count		I Ranking and		a 30% design and TPR, re	sepoetivoly by				
r and as riight honly.		-		-	County will need Governi		al to			
				•	sults from the TPR, and u	•				
	-	-			to proceed, staff is recom	-				
		•	•		sting. The District will not	•				
	Site 2 unti	Site 1 is oper	ating, the IPE	is satisfactor	y, and the Governing Boa	ard approves. The	÷			
	-				npact offset potable wate		1			
		-	-	-	Il be required to comply v					
	-		-	-	dures and water use pern	-				
	successfu	, this project is	•		fer levels in the MIA of the	e SWUCA.				
Funding Course	P.	ior	Fund FY20		Futuro	Total				
Funding Source District	P	\$4,500,000	F120/	\$350,000	Future \$0	Total	\$4,850,000			
Hillsborough County		\$4,500,000		\$350,000			\$4,850,000			
-		\$9,000,000		\$350,000			\$9,700,000			
Total		ψθ,000,000		φιυυ,υυυ	Φυ	1	ψθ, ι 00,000			

Project No. N967	SW IMP - F	lood Protection	on - Hidden La	ke/Yellow La	ake				
Pasco County						FY202			
Risk Level:	Type 3			Multi-Year (Contract:				
				Yes, Year 2	of 3				
			Descri	ption					
Description:	Land acqu	isition of surplu	us District prop	erty, design,	permitting, and construction of be	rms			
	around the	Hidden Lake	property and a	ncillary facilit	ties to provide flood storage and flo	ood			
	-				Worrell watersheds. This project h				
	•		•		llion dollars and the District is requ	•			
					the construction costs and project	t benefits.			
Managementa Damafite					nitting, and begin construction.				
Measurable Benefit:		The contractual Measurable Benefit is to construct berms and ancillary facilities to contain flood							
Conto		waters within the Hidden Lake property, in accordance with the permitted plans.							
Cosis.	construction	otal project cost: \$6,000,000 (land acquisition, design, third-party review, permitting, and							
		-	00 (including \$	800 000 in la	nd acquisition costs as funding ma	atch)			
		-			vious years, \$1,000,000 requested	•			
			ed to be reque	-	· · · · · · · · · · · · · · · · · · ·				
	, , , , , , , , , , , , , , , , , , , ,	,	Evalua						
Application Quality:	Medium	Application in	cluded most of	f the required	information identified in the CFI g	uidelines.			
		District PM ha	ad to work with	cooperator t	o obtain remaining required inform	ation.			
Project Benefit:	High				onstructed, will reduce the existing	-			
			•		orm event. Structure and street floo	oding			
		-			he project impacts the regional or				
04	N 4 = -1:	intermediate drainage system.							
Cost Effectiveness:	Medium	Medium Benefit/Cost ratio is less than 1 but greater than or equal to 0.7. Benefits include avoided damages to structures and roads.							
Past Performance:	Medium				s. lule and budget for the 20 ongoing	nrojects			
Complementary Efforts:					class is 6 and is in the 6 to 9 range	· · ·			
Project Readiness:		-	oing and on so						
r roject Readiness.	riigii	r roject is orig	Strategic						
Strategic Goals:	High	Stratogic Init			Maintenance and Improvement: [)evelon			
Otrategie cours.	riigii	_			egulations to maintain and improve	•			
				•	ntrol and conservation structures to				
		-	e while preserv						
		Tampa Bay I	Region Priorit	y : Flood Prot	ection: Improve flood protection in	Lake			
		Tarpon, the F	Pithlachascote	e, Anclote an	d Hillsborough Rivers and Pinellas	s County			
		coastal water	rsheds						
_			Ranking and						
Fund as High Priority.		•	•	•	and third-party review in December				
		•	*	•	d approval to proceed beyond this				
	•	-			ign, third-party review, and with the				
		-	-		provide approval to proceed, State permitting and begin construction				
		recommending FY2020 funding to complete design, permitting and begin construction. If constructed, the project will reduce structure and street flooding during the 100-year, 24-hour							
	storm ever								
			Fund	ing					
Funding Source	Pı	rior	FY202		Future	Total			
District		\$200,000		\$1,000,000	\$1,800,000	\$3,000,00			
Pasco County		\$200,000		\$1,000,000	\$1,800,000	\$3,000,00			
Total		\$400,000		\$2,000,000	\$3,600,000	\$6,000,00			

Project No. N990	SW IMP - F	SW IMP - Flood Protection - Zephyr Creek Drainage Improvements: Units 3 and 4							
Pasco County						F	Y2020		
Risk Level:	Type 3			Multi-Year	Contract:				
				Yes, 2 of 3					
			Descri	ption					
Description:		-			4 of the Zephyr Creek Dra	- '			
					within the Lake Zephyr v				
					ugh project N836. Unit 3 i	•			
					Avenue and Lagoon Cour	-			
		mprovements near the old S.R. 54 crossing. Unit 4 is composed of three (3) cross-culvert mprovements at 8th Avenue, Wooden Bridge, and Plant Street. In addition, channel							
				•	this area may be perform				
		_	-		view. The District require	-			
			-		er \$5 million dollars. The	• •			
			esign and begin			.			
Measurable Benefit:					pletion of design, permitti	ng, and			
	construction	on of this propo	sed project to	construct cre	oss-culvert and channel i	mprovements in the			
	Zephyr Cr	eek Units 3 an	d 4 project are	as, in accord	lance with the permitted p	olans.			
Costs:				third-party re	eview, permitting, and cor	nstruction)			
		unty: \$2,550,00			. 4750.000	, I. E. (0000			
				-	rious years, \$750,000 req	uested in FY2020,			
	and \$1,500	u,000 anticipat	ed to be reque Evalua		e years.				
Application Quality:	Medium	Application in			l information identified in	the CFI guidelines			
Application Quality.	Mediaiii	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 Benefit:	High				onstructed, will reduce the				
	J				orm event. Structure and				
		'='	-		he project impacts the re	-			
			drainage syste						
Cost Effectiveness:	High		-	than or equa	al to 1. Benefits include av	oided damages to			
		structures and		6.0					
Past Performance:					dule and budget for the 20				
Complementary Efforts:		-			class is 6 and is in the 6	to 9 range.			
Project Readiness:	High	Project is ong	oing and on so						
Otrata via O a alas	1111		Strategic		•••				
Strategic Goals:	High				Maintenance and Impro				
				-	regulations to maintain ar ntrol and conservation str	•			
			e while preserv			detares to minimize			
		_		-	tection: Improve flood pro	tection in Lake			
			-	-	nd Hillsborough Rivers an				
		coastal wate		·					
		Overal	l Ranking and	Recommen	dation				
Fund as High Priority.		•	-		ign and third-party review	•			
		-		-	d approval to proceed be	-			
		•			review, and with the und	•			
	_		-		roceed, Staff is recommer ect will reduce structure a	-			
	_		nour storm eve		ect will reduce structure a	and street nooding			
	Juning tile	100 year, 24-1	Fund						
Funding Source	Pi	rior	FY202		Future	Total			
Pasco County		\$300,000		\$750,000			50,000		
District		\$300,000		\$750,000			50,000		
Total		\$600,000		\$1,500,000			00,000		
		, -	i	. ,,					

Project No. Q042	SW IMP - F	N IMP - Flood Protection - PHSC Berm/Boggy Creek							
Pasco County							FY2020		
Risk Level:	Type 3			Multi-Year C	Contract:				
				Yes, Year 2	of 3				
			Descri	ption					
Description:		-		-	mprovements in the Bogg	•			
		-		-	es stormwater from Crane				
					es neighborhoods which l	•	d		
	-	-			The project will add a con		ه ما		
		he berm located on the Pasco Hernando State College property and expand the capacity for the existing drainage system as well as create new conveyance paths near the Hidden Lake Airport							
					FY2019 for 30% design a		יונ		
		-	-		conceptual level construc	•	e.		
		e District is requiring a third-party review to confirm construction costs. FY2020 funds will be ed to complete design and begin construction.							
Measurable Benefit:					truction of a control struct	ure in the Pasco			
	Hernando	State College	berm and con	veyance impr	ovements to the Boggy C	reek drainage			
		accordance w							
Costs:				third-party re	view, permitting, and cons	struction)			
		unty: \$1,625,00		acted in provi	oue veere #1 000 000 re-	guested in EV20	20		
		,625,000 with 000 anticipated		•	ous years, \$1,000,000 re	questea in F 120	20,		
	and \$500,	oo anticipate	Evalua		cars.				
Application Quality:	Medium	Application in			information identified in the	he CFI quideline	S.		
reprioation quality.				-	o obtain remaining require	-	·		
Project Benefit:	High				onstructed, will reduce the]		
_	-	problem durir	ng the 100-yea	r, 24-hour sto	rm event. Structure and s	treet flooding			
		currently occu	urs in the proje	ct area and th	ne project impacts the reg	ional or			
			drainage syste						
Cost Effectiveness:	High		_	than or equa	I to 1. Benefits include avo	oided damages t	0		
Past Performance:	Modium	structures and		t of the schod	ule and hudget for the 20	ongoing projects	`		
Complementary Efforts:					ule and budget for the 20 class is 6 and is in the 6 t		o.		
Project Readiness:		-	joing and on s			o a range.			
Project Readilless.	riigii	1 Toject is ong	Strategic						
Strategic Goals:	High	Stratogic Ini			Maintenance and Improv	omont: Develop			
Otrategic Odais.	riigii	g			egulations to maintain and	отпотти = отогор			
		-		-	trol and conservation stru	-	ze		
		-	e while preser						
		Tampa Bay	Region Priorit	y: Flood Prot	ection: Improve flood prot	ection in Lake			
		Tarpon, the I	Pithlachascote	e, Anclote an	d Hillsborough Rivers and	l Pinellas County	1		
		coastal wate		_					
Fund on Llink Driemite	The O-		I Ranking and			0040			
Fund as High Priority.		•	-	_	ind third-party review in D d approval to proceed bey				
		•	-	-	ign, third-party review, an				
		-			provide approval to proc				
		-	_		permitting and begin con-				
		-	-		eet flooding during the 10				
	storm eve	nt.							
			Fund						
Funding Source	P	rior	FY20		Future	Total			
District		\$125,000		\$1,000,000	\$500,000		\$1,625,000		
Pasco County		\$125,000		\$1,000,000	\$500,000		\$1,625,000		
Total		\$250,000		\$2,000,000	\$1,000,000		\$3,250,000		

Project No. Q048	SW IMP - F	lood Protection	on - Tammy Lane							
Pasco County					FY2020					
Risk Level:	Type 3		Multi-Year Yes, 1 of 3	Contract:						
			Description							
Description:	Land acqu	isition, design	, permitting, and construction	on of a control structure, c	ulverts and ditches					
	-	divert water from Tammy Lane and contributing areas southwest to the New River. The project								
			e from the New River/Uppe	_	-					
		-	e area that has experienced	d repetitive flooding. FY20	20 funds will be					
Measurable Benefit:		gin design.	able Benefit will be the cons	struction of a control atruc	ture and starmwater					
Measurable Delient.			ne area of Tammy Lane, in							
Costs:			50,000 (land acquisition, de		·					
	Pasco Co	unty: \$1,375,0	00 (includes \$120,000 of la	nd acquisition costs as fu	nding match)					
			\$125,000 requested in FY2	2020 and \$1,250,000 anti-	cipated to be					
	requested	in future years								
Application Quality	Lliab	Application in	Evaluation	rmation identified in the C	El Cuidelines					
Application Quality:	-		cluded all the required info							
Project Benefit:	піgп		e Benefit of this project will 24-hour storm event. Struc	•	• •					
			and the project impacts the	•	•					
Cost Effectiveness:	High	-	ratio is greater than or equa	-						
	Ü	structures an	- · · · · · · · · · · · · · · · · · · ·		Ū					
Past Performance:	Medium		an assessment of the sched	<u>-</u>						
Complementary Efforts:		-	Community Rating System		to 9 range.					
Project Readiness:	High	Project is rea	dy to begin on or before De	ecember 1, 2019.						
			Strategic Goals							
Strategic Goals:	High	_	tiative - Flood Protection	-	•					
			ent programs, projects and i	-	-					
			nd operate District flood cor e while preserving the wate		uctures to minimize					
		_	Region Priority: Flood Prof		tection in Lake					
			Pithlachascotee, Anclote ar	· · · · · · · · · · · · · · · · · · ·						
		coastal wate	rsheds		·					
			I Ranking and Recommen							
Fund as High Priority.			he construction of conveya							
	-		e New River system. It will part that experiences structure		-					
	24-110ul E	veni ili ali alea	Funding	and street hooding, and i	5 6031 GIIE611VE.					
Funding Source	Р	rior	FY2020	Future	Total					
Pasco County		\$0								
District		\$0	· ·	\$1,250,000						
Total		\$0	\$250,000	\$2,500,000	\$2,750,000					

Project No. Q053	Grosse Av	enue Corridor	Drainage Imp	orovements						
Tarpon Springs						FY2020				
Risk Level:	Type 2			Multi-Year Co	ntract:	1 12020				
Nisk Ecvel.	. , po _			Yes, 1 of 2	mact.					
			Descri							
Description:	Construction	on of new stor		•	t the northeast corner o	of Grosse Avenue				
Door prom			-		xpansion of existing por					
			-		ving Tarpon Springs Ele					
					ter Street; and the instal	· · · · · · · · · · · · · · · · · · ·				
		ciated stormwater collection systems. FY20 funding will be used to start construction.								
Measurable Benefit:		contractual Measurable Benefit will be the construction of stormwater conveyance and								
	storage sy	stems to redu	ce flooding wit	hin the benefit a	area. Construction will b	e in accordance				
	with the pe	ermitted plans.								
Costs:	Total proje	ct cost: \$3,15	9,976 (constru	ction)						
		ounty: \$1,579,								
				quested in FY2	020, and \$519,769 antio	cipated to be				
	requested	in future years								
			Evalu							
Application Quality:	Medium				formation identified in the					
D : 15 C	Llimb				obtain remaining require					
Project Benefit:	High				duce the existing flooding					
					re and street flooding cu	<u> </u>				
Cost Effectiveness:	∐iah				gional or intermediate di o 1. Benefits include avo					
Cost Effectiveness.	riigii	structures an		triair or equal to	o i. Benefits include ave	olueu damages to				
Past Performance:	High			t of the schedul	e and budget for the 4 c	ongoing projects				
Complementary Efforts:					7 and is in the 6 to 9 ra					
Project Readiness:		-	-	or before Dece		90.				
r rojout Roudinoso.	riigii	r reject ie rea	Strategic		1, 2010.					
Strategic Goals:	High	Strategic Ini			enance and Improveme	ant: Develon				
On alegie Cours.	riigii	_		-	ulations to maintain and					
		quality.	int programo, p	orojecto aria reg		a improve water				
			tiative – Flood	d Protection Ma	intenance and Improv	ement: Develop				
		_			ulations to maintain and	•				
		-		-	ol and conservation stru					
		flood damag	e while preser	ving the water re	esource.					
		Tampa Bay	Region Priorit	ty: Flood Protec	tion: Improve flood prot	ection in Lake				
		Tarpon, the I	Pithlachascote	e, Anclote and	Hillsborough Rivers and	d Pinellas County				
		coastal wate								
				l Recommenda						
Fund as High Priority.					ea has experienced sev	-				
			_		vacuation route. The pro	=				
				•	our storm event by cons	structing new				
	Storriwate	conveyance	and storage p Fund	onds, and is co	Si enective.					
Funding Source	D	rior	FY20		Future	Total				
City of Tarpon Springs	F	\$0		\$901,500	\$466,900	\$1,368,400				
District		\$0 \$0		\$901,500	\$466,900 \$933,800	\$1,368,400 \$2,736,800				
Total		Φ0		\$1,803,000	Φ933,800	\$Z,730,8UU				

Project No. Q057	Reclaimed - Zep	ohyrhills Z	ephyr Lakes & F	lospital R	euse Project				
Zephyrhills						FY2020			
Risk Level:	Type 2		Mι	ılti-Year C	ontract: No				
			Description	n					
Description:	transmission m	esign, permitting and construction of approximately 11,000 feet of reclaimed water ansmission mains and other necessary appurtenances to supply a hospital cooling tower, oproximately 514 single family homes and approximately 17.5 acres of common areas in the							
Measurable Benefit:	· ·		•	contractua	I requirement, is the sup	only and utilization			
Measurable Belletit.		reclaimed v	water for industri		ation use in the Norther				
Costs:	City of Zephyrh	ills: \$710,6							
	District: \$710,6	50 all of wh	nich is requested)				
Application Quality	High App	lication incl	Evaluatio		information identified in	the CEL quidelines			
Application Quality:	Dist	rict PM/CM	I had to work witl	n cooperat	or to obtain remaining re	equired information.			
Project Benefit:					eclaimed water to indust water savings within the				
Cost Effectiveness:	for a of w	alternative s ater resour cally range	supplies. The est	timated cost is within to .15/1,000	h is below the \$10 to \$1 st effectiveness is \$1.54 he cost range for reuse gallons for golf course pots.	per thousand gallons projects which			
Past Performance:					joing projects they are r	anked High.			
Complementary Efforts:	•	structures	•		lude metering and incer the City has pro-active v				
Project Readiness:	High Proj	ect is ready	y to begin on or l	pefore Dec	ember 1, 2019.				
			Strategic Go	oals					
Strategic Goals:	wat Ta r	er to reduc npa Bay R ategies.	e demand on tra	ditional wa	Minimum Flow and Leve				
			Ranking and Re						
Fund as High Priority.	This project is re the NTBWUCA		_	s it reduce	s reliance on traditional	water sources in			
			Funding						
Funding Source	Prior		FY2020		Future	Total			
District		\$0		710,650	\$0				
Zephyrhills		\$0		710,650	\$0				
Total		\$0	\$1	,421,300	\$0	\$1,421,300			

Project No. Q061	Study - TBW	Regional S	urface Treatmo	ent Plant Ex	pansion Feasibility						
Tampa Bay Water		_			·		FY2020				
Risk Level:	Type 2			Multi-Year (Contract:						
				Yes, Year 1	of 2						
			Descrip	otion							
Description:	Further asse	Further assess the feasibility of expanding the existing Regional Surface Water Treatment Plant									
		nd increasing the use of associated surface water supplies to maximize the available yield for									
					The analysis will explore						
		pacity evaluation, field testing of treatment processes, modeling, conceptual design of new 20 gd surface water treatment plant, conceptual cost and site plan development. Expanding the									
	_		-	-							
	_	gional Surface Water Treatment Plant is one of the options under consideration to assist in pplying 10-15 mgd identified in the 2018 Long-term Master Water Plan Update.									
Measurable Benefit:					pletion of the feasibility st						
					vide 20 mgd to meet futu	•					
			2020-2040 pla								
Costs:	Total projec	cost: \$550,	000;								
	TBW: \$275,										
			225,000 reques	sted in FY202	20 and \$50,000 anticipat	ed to be requested					
	in future yea	irs.	Evalua	tion							
Application Quality:	High A	annlication in			mation identified in the C	°El Guidelines					
Project Benefit:					W to make a decision on						
Project benefit.		-	•		fective to meet the region						
			y 20 mgd for th		reduve to meet the region	To demando of					
Cost Effectiveness:					rict funded feasibility stu	dies such as N605					
	T	Brackish Wat	er Wellfield stu	dy for Charlo	otte County and H088 Do	na Bay Feasibility f	for				
					mediate Aquifer testing fo						
Past Performance:					ule and budget for the 1						
Complementary Efforts:	-	-	-		r supplies to counties of	-	Ο,				
					pa, St. Petersburg and N n programming in the Tar	•	10				
		-			ng programs that quantify						
		lemand.	reopendible to	i implementi	ng programo that quantil	y readonollo iii wate	"				
Project Readiness:	High F	Project is rea	dy to begin on	or before De	cember 1, 2019.						
			Strategic	Goals							
Strategic Goals:	High	Strategic Ini	tiative - Regio	nal Water Sເ	ipply Planning: Identify,	communicate					
				_	es and resources necessa	ary to meet future					
			and beneficial w								
		_			Supplies: Increase deve	•					
				-	roundwater and surface was Minimum Flow and Leve	-					
		Strategies.	Region Friorit	y. implement	Willimidin Flow and Leve	er (ivii L) ixecovery					
			I Ranking and	Recommen	dation						
Fund as High Priority.	The project	contributes t	o developing th	ne next water	supply project to meet f	uture demands for					
	-				mation for TBW to choos	e the most efficient					
	and cost eff	ective option	s for the region								
Funding Source	Pric		Fund FY202		Future	Total					
Funding Source Tampa Bay Water	Pric	or \$0		\$225,000	Future \$50,000		\$275,000				
District		\$0 \$0		\$225,000	\$50,000		\$275,000				
Total		Ψ0 \$0		\$450,000	\$100,000		\$550,000				

Project No. Q063	Study - TBW	Desal Facil	ity Expansion	Feasibility							
Tampa Bay Water							FY2020				
Risk Level:	Type 2			Multi-Year (Contract:						
				Yes, Year 1	of 2						
		Description									
Description:		Further assess the feasibility of expanding the existing Desalination Water Treatment Plant to									
		naximize the available yield for Tampa Bay Water's (TBW) regional water supplies. The analysis									
		ill explore tasks such as pilot scale testing of alternate pre-treatment systems, water quality ampling, preliminary permitting and modeling as well as conceptual cost and site plan									
		ripling, preliminary permitting and modeling as well as conceptual cost and site plan velopment. Expanding the Desalination Water Treatment Plant is one of the options under									
		sideration to assist in supplying 10-15 mgd identified in the Long-term Master Water Plan									
	Update .										
Measurable Benefit:					eletion of the feasibility st	•					
					vide 20 mgd to meet futu	re demands in the					
Conto	Tampa Bay		2020-2040 pla	anning horizoi	<u>1. </u>						
Costs:	TBW: \$1,500		00,000,								
			\$550,000 req	uested in FY2	020,and \$950,000 antici	pated to be					
	requested in		-		, ,	•					
			Evalu	ation							
Application Quality:	High A	pplication ir	cluded all the	required infor	mation identified in the C	CFI Guidelines.					
Project Benefit:		-	-		W to make a decision on						
					fective to meet the region	n's demands of					
Cost Effectiveness:			y 20 mgd for th		rict funded complex feas	ibility studies that					
COSt Effectiveness.		-	-		entation Project Phase 1	•					
		ampa.	oud, oud uc	pa / tag		aa = 10. 0.1, 0.					
Past Performance:	High B	ased upon	an assessmen	t of the sched	ule and budget for the 1	ongoing project.					
Complementary Efforts:	-	-	-		r supplies to counties of	-					
				-	oa, St. Petersburg and N						
		-			n programming in the Tar ng programs that quantif						
		emand.	responsible it	or implement	ig programs that quantil	y reductions in water					
Project Readiness:	High P	roject is rea	dy to begin on	or before De	cember 1, 2019.						
			Strategi	c Goals							
Strategic Goals:	High	Strategic Ini	tiative - Regio	onal Water Sເ	ipply Planning: Identify,	communicate					
				_	s and resources necessa	ary to meet future					
			and beneficial			lammant of					
		_			Supplies: Increase deveroundwater and surface v	•					
				-	Minimum Flow and Leve						
		Strategies.		· · · · · · · · · · · · · · · · · · ·		(,					
			I Ranking and								
Fund as High Priority.					vater supply project to m						
			on. The study /e project for t	-	formation for TBW to cho	oose tne most					
	emoent and	cost enectiv	Func								
Funding Source	Pric	r	FY20		Future	Total					
District		- \$0		\$550,000	\$950,000		,500,000				
Tampa Bay Water		\$0		\$550,000	\$950,000		,500,000				
Total		\$0		\$1,100,000	\$1,900,000		,000,000				

Project No. Q064	DAR - Nort	h Hillsboroug	h Aquifer Recharge F	rogram (NHARP) - Phase	2						
Hillsborough County					FY2020						
Risk Level:	Type 3		Multi-Y	ear Contract:							
			Yes, Y	ear 1 of 3							
			Description								
Description:	Completio	n of a direct ac	uifer recharge feasibil	ty study, which includes th	e construction and						
	-	sting of three exploratory wells necessary to evaluate recharge locations for the North									
		Isborough Aquifer Recharge Program (NHARP). If approved, the study will aid in the									
		-		stics and water quality of the	-						
			•	e approximate depth of the in the general vicinity of N							
	_			zone and aid in pursuing							
	-		ed in this funding requ		or latare						
Measurable Benefit:				on of an aquifer recharge	feasibility study						
		hree explorato	· · · · · · · · · · · · · · · · · · ·	, ,	, ,						
Costs:	Total proje	ect cost: \$1,500	0,000 (Feasibility study	and three exploratory wel	ls)						
		gh County: \$75	•								
	District: \$7	750,000, all of v	which is requested in F	Y2020.							
		la 11 11 1	Evaluation								
Application Quality:	Medium			uired information identified							
Project Benefit:	High			perator to obtain remaining a feasibility study to deterr							
Project Benefit.	riigii		•	er for aquifer recharge to r	<u> </u>						
				ry of aquifer water levels in	•						
			se Caution Area (WUC	•							
Cost Effectiveness:	High			nge of costs for similarly fu	unded District projects.						
Past Performance:	Medium	Based upon a	an assessment of the s	chedule and budget for 22	ongoing projects.						
Complementary Efforts:	High	County imple	ments reclaimed mete	ing and incentive based ra	ate structures, and has						
				ies to maximize use and b	enefits.						
Project Readiness:	High	Project is read	dy to begin on or befor	e December 1, 2019.							
		ı	Strategic Goals								
Strategic Goals:	High	_		ater: Maximize beneficial u	se of reclaimed						
			ice demand on traditio								
			Region Priority: Imple	ment Minimum Flow and L	evel (MFL) Recovery						
		Strategies.	I Ranking and Recom	mondation							
Fund as High Priority.	This proje			mendation le if construction of recharg	ne wells in the NHARP						
r and as riight honey.		•		and aid in the recovery of t	-						
	Tampa Ba										
		•	Funding								
Funding Source	Р	rior	FY2020	Future	Total						
District		\$0	\$750	000	\$0 \$750,000						
Hillsborough County		\$0	\$750	000	\$0 \$750,000						
Total		\$0	\$1,500	000	\$0 \$1,500,000						

Project No. Q068	Conservat	Conservation - Tarpon Springs Toilet Rebate Phase 1								
Tarpon Springs						FY2020				
Risk Level:	Type 1		Multi-Year	Contract: No						
		Description								
Description:	Financial i	ncentives to re	esidential customers for the	replacement of convention	nal toilets with					
	-	-	ich use 1.28 gallons per flu							
	•		entional toilets with ultra-lo		•					
			make available rebates and h flow toilets. Also included	· •	•					
			necessary to ensure the su		s, program					
Measurable Benefit:	-		able Benefit will be the imp		n and the					
	completio	n of a final rep	ort.	. •						
Costs:	-	ect Cost: \$20,0								
	•	rpon Springs: S	\$10,000							
	District: \$1	10,000	Evaluation							
Application Quality:	High	Application in	icluded all the required info	ormation identified in the C	FI Guidelines.					
Project Benefit:		<u> </u>	vill conserve an estimated							
Cost Effectiveness:			effectiveness is below \$3.0		ved.					
Past Performance:			assessment of the schedu	<u> </u>						
Complementary Efforts:	Medium		er capita is between 75 an		<u> </u>					
Project Readiness:	High	Project is rea	dy to begin on or before D	ecember 1, 2019.						
			Strategic Goals							
Strategic Goals:	High	_	tiative - Conservation: En	hance efficiencies in all w	ater-use sectors to					
		ensure bene								
			Region Priority: Implemer	nt Minimum Flow and Leve	el (MFL) Recovery					
		Strategies.	I Ranking and Recomme	adation						
Fund as High Priority.	Project wi		able water in the NTBWU							
	.,		Funding							
Funding Source	Р	rior	FY2020	Future	Total					
District		\$0	\$10,000	\$0		\$10,000				
City of Tarpon Springs		\$0	\$10,000			\$10,000				
Total		\$0	\$20,000	\$0		\$20,000				

Project No. Q074	Conservat	Conservation - Temple Terrace Golf Course and Country Club Advanced Irrigation							
Temple Terrace GCC	System						FY2020		
Risk Level:	Type 2		Mu	ılti-Year Contract	: No				
			Descriptio	n					
Description:		nstallation of an advanced irrigation system including high efficiency spray heads, satellite							
		control units and weather-based irrigation controller sensors for the Temple Terrace Golf and							
Measurable Benefit:	•	Country Club. The Measurable Benefit, which will be the contractual requirement, is the construction of a new							
weasurable benefit:				•		er withdrawls from			
				•	•	post water usage.			
Costs:		ect Cost: \$510				permanen acago:			
			d Country Club: \$2	55,000					
	District: \$2	255,000							
		l a	Evaluation			· 1 D. 1 . 1			
Application Quality:	Medium		cluded most of the ork with cooperate	•	•				
Project Benefit:	Hiah					449 gallons per day	,		
	J		rn Tampa Bay Wat		• • •	•			
Cost Effectiveness:	High	Project cost e	effectiveness is bel	ow \$3.00 per thou	ısand gallons sa	ved.			
Past Performance:	High	Based on the high.	cooperator having	g no ongoing proje	ects with the Distr	rict they are ranked			
Complementary Efforts:	Medium		ace Golf and Count	try Club is attempt	ting to enhance t	heir water-use			
			d participate in pub						
Project Readiness:	High	Project is rea	dy to begin on or b		1, 2019.				
		l	Strategic Go						
Strategic Goals:	High			tion: Enhance effi	iciencies in all wa	ater-use sectors to			
		ensure bene	ี่แcเลเ use. Region Priority : Ir	malamant Minimur	m Flow and Lava	I (MEL) Booyen			
		Strategies.	Region Priority.	iipiement wiiiiinu	II Flow and Leve	(WIFL) Recovery			
			I Ranking and Re	commendation					
Fund as High Priority.	Project wi				cost effective.				
			Funding						
Funding Source	Р	rior	FY2020		Future	Total			
Temple Terrace GCC		\$0	·	255,000	\$0		\$255,000		
District		\$0		255,000	\$0		\$255,000		
Total		\$0	\$	510,000	\$0		\$510,000		

Project No. Q078	Conservati	Conservation - Pasco Co Toilet Retrofit Phase 13							
Pasco County							FY2020		
Risk Level:	Type 1			Multi-Year C	Contract: No				
			Descrip	otion					
Description:	Financial i	ncentives to re	esidential custo	mers for the i	replacement of convention	onal toilets with			
·		gh-efficiency toilets which use 1.28 gallons per flush or less and to commercial customers for							
	•				flow toilets which use 1.	•			
					program administration f	•			
					are educational materials	s, program			
Measurable Benefit:					cess of the program.				
Measurable benefit:		actual Measura n of a Final Re		be the imple	ementation of the progran	n and the			
Costs:		ect costs: \$100	•						
		unty: \$50,000;							
	District: \$5	•							
			Evalua	tion					
Application Quality:	High	Application in	cluded all of th	e required inf	formation identified in the	CFI Guidelines.			
Project Benefit:	High				l 13,956 gpd of water cor	nserved in the			
					Area (NTBWUCA).				
Cost Effectiveness:					per thousand gallons sa				
Past Performance:					ule and budget for the 20	ongoing projects.			
Complementary Efforts:		· ·	r capita is betw		<u> </u>				
Project Readiness:	High	Project is rea			cember 1, 2019.				
		1	Strategic						
Strategic Goals:	High			ervation: Enh	ance efficiencies in all wa	ater-use sectors to			
		ensure bene		Implement	Minimum Flour and Love	J (MEL) Deceyory			
		Strategies.	Region Priority	y. implement	Minimum Flow and Leve	er (MFL) Recovery			
			l Ranking and	Recommend	dation				
Fund as High Priority.	This proje	ct conserves p	otable water si	upply in the N	ITBWUCA and is cost eff	fective.			
			Fund						
Funding Source	P	rior	FY202	20	Future	Total			
District		\$0		\$50,000	\$0		\$50,000		
Pasco County		\$0		\$50,000	\$0		\$50,000		
Total		\$0		\$100,000	\$0		\$100,000		

Project No. Q083	WMP - Klos	VMP - Klosterman Bayou Watershed Management Plan									
Pinellas County							FY2020				
Risk Level:	Type 3			Multi-Year C	ontract:						
				Yes, 1 of 2							
		Description									
Description:		Complete a Watershed Management Plan (WMP) for the Klosterman Bayou watershed in									
		nellas County, through and including Watershed Evaluation, Floodplain Analysis, Level of									
	,	ce (LOS) Determination, Surface Water Resource Assessment (SWRA), and Best									
	_	nagement Practice (BMP) Alternative Analysis. FY2020 funding will be used to complete the atershed Evaluation.									
Measurable Benefit:			ıble Benefit wi	Il be the comp	letion of a WMP that ide	ntifies floodplains					
				-	oding concerns in the KI	-					
	watershed				•	•					
Costs:		ect cost: \$300,0									
		ounty: \$150,00					_				
			100,000 reque	sted in FY202	0 and \$50,000 anticipate	ed to be requested	t l				
	in future y	ears	Evalu	ation							
Application Quality:	Medium	Application in			information identified in	the CEL quidelines	<u>.</u>				
Application Quality.	Wicalam			-	obtain remaining requir	-	·•				
Project Benefit:	High				that exist in the watershe		d				
		analysis mod	els are not ava	ailable or are c	over 10 years old, and the	e watershed inclu	des				
		_		rmwater syste							
Cost Effectiveness:	Medium		-		mid-range of historic cos	sts (\$69,100 -					
Past Performance:	Medium				urban watersheds. ule and budget for the 9	ongoing projects					
Complementary Efforts:					lass is 5 and is in the 5						
Project Readiness:	_	-			ember 1, 2019.	or recorrange.					
1 Tojoot Roualilood.	riigii	1 10,000 10 100	Strategi		7, 2010.						
Strategic Goals:	High	Strategic Ini	_		essment and Planning:	Collect and					
		_		-	onal water quality status						
		support reso	urce manager	nent decisions	and restoration initiative	es.					
		_		-	ment: Collect and analy						
			_		formation, flood protection	on status and tren	ds				
				-	on and initiatives.	4 4 : : - - - -					
					ection: Improve flood pro						
		coastal water		c, Andiote and	i i illisborougii i tivers air	a i iliciias courity					
				d Recommend	ation						
Fund as High Priority.	This proje	ct identifies flo	od risk in an a	rea with no de	tailed study information	available. The					
					nination, help implement						
			nprove water	quality, and en	hance the planning of fu	ture development	in				
	the projec	area.	Func	ling							
Funding Source	D	rior	FUNC FY20		Future	Total					
Pinellas County		\$0	1 120	\$100,000	\$50,000		\$150,000				
District		\$0		\$100,000	\$50,000		\$150,000				
Total		\$0		\$200,000	\$100,000		\$300,000				
· Otal		7-		+===,	,,	l	,				

Project No. Q084	Reclaimed	- Hillsboroug	h Co. Kracker Ave. Reuse	Project					
Hillsborough County					FY2020				
Risk Level:	Type 2		Multi-Year	Contract: No					
	Description								
Description:	mains and	Design, permitting and construction of approximately 3,000 feet of reclaimed water transmission mains and other necessary appurtenances to supply reclaimed water to approximately 25 acres of natural system enhancement/restoration at a former fish farm North of the Apollo Beach area.							
Measurable Benefit:	of 1.0 mgc	d of reclaimed rea (SWUCA).	which will be the contractu water for natural system re	storation use in the South					
Costs:	Hillsborou	gh County: \$60	0,000 (Design, Permitting, 0 00,000; which is requested in FY20	·					
			Evaluation						
Application Quality:	Medium		cluded most of the required M had to work with coopera		_				
Project Benefit:	High		the supply of 1.0 mgd of reated 1.0 mgd of reated 1.0 mgd of natural sys		· · ·				
Cost Effectiveness:	High	\$1.20 per gallon per day capital cost which is below the \$10 to \$15 per gallon average for alternative supplies. The estimated cost effectiveness is \$0.29 per thousand gallons of water resource benefit which is within the cost range for reuse projects which typically range from a low of \$0.15/1,000 gallons for golf course projects up to \$10.00/1,000 gallons for residential projects.							
Past Performance:	Medium		assessment of the schedul		ing projects.				
Complementary Efforts:	High	rate structure	reclaimed water system w s for the natural system en ter conservation policies.						
Project Readiness:	High	Project is rea	dy to begin on or before De	ecember 1, 2019.					
			Strategic Goals						
Strategic Goals:	High	Strategic Initiative - Reclaimed Water: Maximize beneficial use of reclaimed water to reduce demand on traditional water supplies. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake							
			₋ake Seminole. I Ranking and Recommen	dation					
Fund as High Priority.	This proje		nded for funding as it restor		s cost effective				
Tana ao Fiigir Filonty.	Tills proje	ot is recomme	Funding	oo natarar systems and is	, soot choolive.				
Funding Source	Р	rior	FY2020	Future	Total				
District		\$0	\$600,000		\$600,000				
Hillsborough County		\$0	\$600,000		\$600,000				
Total		\$0	\$1,200,000	\$0	\$1,200,000				

Project No. Q087	Conservation	Conservation - TBW Demand Management Project								
Tampa Bay Water		FY202								
Risk Level:	Type 1		Multi-Yea	r Contract: No						
	Description									
Description:	single fami institutiona urinals; pre optimizatio and landsc costs to en	Financial incentives and services to customers for up to ten conservation activities, including: single family high-efficiency toilets; multi-family high-efficiency toilets; commercial industrial institutional (CII) high-efficiency valve type toilets; CII tank type toilets; 0.5 gallon per flush urinals; pre-rinse spray valves; conveyor type energy star dishwashers; cooling tower optimization equipment; soil moisture sensor and evapotranspiration (ET) irrigation controllers; and landscape efficiency incentives. Also included is program promotion and administrative costs to ensure the success of the program. Tampa Bay Water (TBW) member governments are collaborating with TBW to develop an implementation strategy and oversee the project.								
Measurable Benefit:				tual requirement, will be im	plementation of the					
			tion of a final report.							
Costs:	-	ct costs: \$1,0 / Water: \$549 49,775	,775							
			Evaluation							
Application Quality:		Application included all the required information identified in the CFI guidelines								
Project Benefit:	-	The benefit of the project is the conservation of approximately 280,000 - 400,000 gallons per day in the Southern Water Use Caution Area (SWUCA) and Northern Tampa Bay Water Use Caution Area (NTBWUCA). Savings will vary based on the participation rate across the ten possible conservation activities.								
Cost Effectiveness:	High	Project cost e	effectiveness is below \$3.	00 per thousand gallons sa	ived.					
Past Performance:	High	Based on the	assessment of the sche	dule and budget for the 1 or	ngoing project.					
Complementary Efforts:			ages, tracks, and provide amongst its member gov	s planning and coordination ernments.	ı for water					
Project Readiness:	Medium	Project is rea	dy to begin on or before	March 1, 2020						
			Strategic Goals							
Strategic Goals:	High	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to ensure beneficial use. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.								
			I Ranking and Recomm							
Fund as High Priority.	Project will	conserve pot		SWUCA and NTBWUCA ar	nd is cost effective.					
			Funding	_						
Funding Source	Pr	ior	FY2020	Future	Total					
TBW		\$0	· ·							
District		\$0 \$0	·							
Total		\$0	\$1,099,55	50 \$0	\$1,099,55					

Project No. Q088	DAR - South Hillsborough Aquifer Recharge Program (SHARP) - Phase 3								
Hillsborough County		FY2020							
Risk Level:	Type 3		Multi-Year	Contract:					
		Yes, Year 1 of 3							
			Description						
Description:	-			sign, completion of design,	· -				
		-	•	e Evaluation (IPE) for SHA					
		• • •		onstruct, and test three rec					
		each) and design and construct well heads, appurtenances, monitoring wells, and approximately 4,000 feet of pipelines to connect the recharge wells to existing reclaimed water transmission							
		4,000 feet of pipelines to connect the recharge wells to existing reclaimed water transmission mains. This project expands upon the County's current recharge projects (N287) and (N855)							
			•	ge approximately 14 mgd of					
	_	_	•	istrict's CFI guidelines, as	-				
		cost greater than \$	55 million.		·				
Measurable Benefit:				is final design, permitting,					
	_	•	-	site for 20 years at a minir	num injection rate				
0				with the permitted plans.	ation and IDE)				
Costs:		ct cost: \$13,000,00 jh County: \$6,500,0		nal design construction, te	esting and IPE)				
				020, and \$3,250,000 antici	nated to be				
		in future years.							
	·	·	Evaluation						
Application Quality:	Medium	• •	•	ed information identified in	<u> </u>				
		District PM/CM had to work with cooperator to obtain remaining required information.							
Project Benefit:	High								
		non-potable portions of the upper Floridan aquifer to improve aquifer water level							
Cost Effectiveness:	High	conditions in the MIA of the SWUCA. High This project is consistent with the range of costs for similarly funded District projects.							
Past Performance:									
Complementary Efforts:									
,	proactive reclaimed expansion policies to maximize use and benefits.								
Project Readiness:	High	Project is ready to	begin on or before D	ecember 1, 2019.					
			Strategic Goals						
Strategic Goals:	High	_		: Maximize beneficial use	of reclaimed				
			emand on traditional						
				and Levels Establishment re necessary, develop and					
				eestablish the natural ecos					
			-	Southern Water Use Cauti	-				
		Recovery Strategy			(
		Overall Ran	king and Recomme						
Fund as High Priority.			•	0% design and TPR, respe					
		_	•	ounty will need Board appr	· ·				
	-			m the TPR, and understand commending FY2020 fund	_				
			•	to perform tests and IPE	_				
		_		at site is operating, IPE is s					
				ntial future net benefit or ir	-				
		•	•	tractually, the County will I					
				s, policies, and procedures					
	permitting rules. If successful, this project is expected to improve aquifer levels in the MIA of the								
	SWUCA.		Funding						
Funding Source	Pr	ior	FY2020	Future	Total				
District		\$0	\$3,250,000						
Hillsborough County		\$0	\$3,250,000						
Total		\$0	\$6,500,000						

Project No. Q089	Conservati	nservation - St Pete Sensible Sprinkling Phase 9							
City of St. Petersburg							FY2020		
Risk Level:	Type 1			Multi-Year Co	ntract: No				
	Description								
Description:	This project	This project will make available approximately 300 irrigation evaluations to single family,							
		•			de program administrat				
					outdoors through Florid	•			
	•	•		•	best management prac				
		-			vailable and installed fo	•			
				-	o included are educatio				
		romotion, iolio	w-up evaluation	ns and surveys	s necessary to ensure the	ie success of the			
Measurable Benefit:	program.	notual Moacure	able Penefit v	ill be the imple	mentation of the progra	m and completion			
measurable beliefit.	of a final r		able bellellt v	ill be the imple	mentation of the progra	in and completion			
Costs:		ect cost: \$100,0	000						
		City of St. Petersburg: \$50,000							
	-	District: \$50,000							
Evaluation									
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.							
Project Benefit:	High	The benefit of this project is an estimated 56,000 gallons per day of water conserved in							
		the NTB WU							
Cost Effectiveness:					er thousand gallons sav				
Past Performance:	<u> </u>				and budget for the 9 on				
Complementary Efforts:					25 gallons per person p	per day.			
Project Readiness:	High	Project is rea	dy to begin on	or before Dece	ember 1, 2018				
			Strategio	Goals					
Strategic Goals:	High	Strategic Ini ensure bene		ervation: Enhar	nce efficiencies in all wa	ater-use sectors to			
		Tampa Bay	Region Priorit	y: Implement M	linimum Flow and Leve	l (MFL) Recovery			
		Strategies.							
				Recommenda					
Fund as High Priority.	The project	ct conserves w			A and is cost effective.				
- II 0			Fund						
Funding Source	P	rior	FY20		Future	Total	# 50,000		
City of St. Petersburg		\$0		\$50,000	\$0		\$50,000		
District		\$0 \$0		\$50,000	\$0 \$0		\$50,000		
Total		\$0		\$100,000	\$0	\$	100,000		

Project No. Q098	Reclaimed	Reclaimed - Pasco Co Cypress Preserve Reuse Phase 3							
Pasco County						FY	2020		
Risk Level:	Type 2		Mult	-Year Contract:	No				
	Description								
Description:	Constructi	Construction of approximately 5,700 feet of reclaimed water transmission main and other							
	-		s to supply approxin	-		_			
		parks and common area in the Cypress Preserve Community (on the northern portion of Gliding							
		Eagle Way and on both Grand Live Oak Blvd and Osprey Glade Terrace). The District is only							
Measurable Benefit:			portion, as the desig			-hf 0 00d -f			
Measurable beliefit.			, which will be the co ential customers in tl	-	-				
	(NTBWUC		ential customers in ti	ie North Tampa	Day Water Ose	Caution Area			
Costs:			000 (Construction)						
	Pasco: \$2		,						
	District: \$2	239,000 with \$2	239,000 requested i	FY2020.					
			Evaluation						
Application Quality:	Medium		cluded most of the r	•					
Droinet Panefits	High		M had to work with of 0.23 mgd of reclain			-			
Project Benefit:	riigii		-		dential custome	is for all affilicipated			
Cost Effectiveness:	High	0.138 mgd of water savings in the NTBWUCA. High \$3.46 per gallon per day capital cost which is below the \$10 to \$15 per gallon average							
	3	for alternative supplies. The estimated cost effectiveness is \$0.83 per thousand gallons							
		of water resource benefit which is within the cost range for reuse projects which							
		typically range from a low of \$0.15/1,000 gallons for golf course projects up to							
		\$10.00/1,000 gallons for residential projects. Medium Based upon an assessment of the schedule and budget for the 20 ongoing projects.							
Past Performance:									
Complementary Efforts:	High					centive based reuse			
			s for high volume wa dicies which maximiz		-				
		environmenta		e uliizalion, wal	er resource ben	ents, and			
Project Readiness:	High		dy to begin on or be	ore December 1	, 2019.				
			Strategic Goal	S					
Strategic Goals:	High	Strategic Ini	tiative - Reclaimed	Nater: Maximize	beneficial use	of reclaimed			
			ice demand on tradi						
			Region Priority: Imp	lement Minimum	n Flow and Leve	l (MFL) Recovery			
		Strategies.	I Danking and Dage	m m a n dati a n					
Fund as High Priority.	Project pr		I Ranking and Reco ective reclaimed wat		NTPM/ICA an	d is a continuation			
r und as riigir i nonty.						mission line through			
	Cypress F		21. This project con	indeb the reciam	nea water trans	modern mie uneugn			
	,		Funding						
Funding Source	Р	rior	FY2020	F	uture	Total			
Pasco County		\$0	\$23	9,000	\$0	\$239	0,000		
District		\$0		9,000	\$0	\$239			
Total		\$0	\$47	78,000	\$0	\$478	3,000		

Project No. Q109	Study - Pasco County Satellite Potable Leak Detection Study							
Pasco County							FY2020	
Risk Level:	Type 1		ı	Multi-Year (Contract: No			
Description								
Description:	locate sou water leak Pasco Cou	mplementation of a water conservation study using satellite-based technology to identify and ocate sources of water loss on a county-wide scale. Satellite-based remote sensing to identify water leakage is an emerging technology and this study will serve as a pilot program in the Pasco County utility service area. As the technology identifies water leakage, a leak detection certified contractor will proceed to pinpoint up to 10 leaks. The repair cost is not included in this project.						
Measurable Benefit:				be the imple	ementation of the progran	n and the		
Costs:	Total Proje Pasco Co	ompletion of a Final Report. otal Project Cost: \$60,000 asco County: \$30,000 istrict: \$30,000						
Evaluation								
Application Quality:	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 Benefit:	High	The benefit of the project is an estimated 100,000 gpd of water conserved in the Northern Tampa Bay Water Caution Area (NTBWUCA).						
Cost Effectiveness:	High	Project cost e	effectiveness is t	pelow \$3.00	per thousand gallons sa	ved.		
Past Performance:	Medium	Based upon a	an assessment o	of the sched	ule and budget for the 20	ongoing projects.		
Complementary Efforts:	Medium	Cooperator p	er capita is betw	een 75 and	125 gpcd.			
Project Readiness:	High	Project is rea	dy to begin on o	r before De	cember 1, 2019.			
			Strategic	Goals				
Strategic Goals:	High	igh Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to ensure beneficial use. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.						
			I Ranking and I					
Fund as High Priority.	This proje	ct conserves p			ITBWUCA and is cost ef	fective.		
			Fundir					
Funding Source	P	rior	FY2020		Future	Total	000.000	
District		\$0		\$30,000	\$0		\$30,000	
Pasco County		\$0		\$30,000	\$0		\$30,000	
Total		\$0		\$60,000	\$0		\$60,000	

Project No. Q113	Study - Pla	nt City McInto	osh Park Indirect Potable	Reuse Feasibility					
Plant City					FY2020				
Risk Level:	Type 3		Multi-Year	Contract: No					
	Description								
Description:	to 1.5 mgd water supp full-scale to	Feasibility study by Plant City to develop an indirect potable reuse project concept to utilize up to 1.5 mgd of reclaimed water for aquifer recharge to develop up to 0.75 mgd of new potable water supply. This project will verify treatment of source water including pilot testing to simulate full-scale treatment, UIC permitting for exploratory well, groundwater modeling and water quality							
	treatment of	sampling. An initial evaluation for the project was fully funded by the City to assess the level of treatment expected from the City's proposed reclaimed stormwater wetland treatment system and any additional treatment requirements for indirect potable reuse.							
Measurable Benefit:	The contra	actual Measura ity to develop	able Benefit will include the an indirect potable reuse p e to develop approximatel	completion of a field scal project to utilize up to 1.5 n	ngd of reclaimed				
Costs:	Total proje Plant City:	ect cost: \$600,0 \$300,000;	000 (Feasibility study tasks which is requested in FY20	3);	., -				
			Evaluation						
Application Quality:	High	Application in	cluded the required inform	ation identified in the CFI	guidelines.				
Project Benefit:	High	The project benefit is the completion of a field scale feasibility study to establish the basis of a reclaimed water recharge project to utilize up to 1.5 mgd of reclaimed water for aquifer recharge to develop approximately 0.75 mgd of new potable water supplies.							
Cost Effectiveness:	High								
Past Performance:	High	Based upon a	an assessment of the sche	dule and budget for the 1	ongoing project.				
Complementary Efforts:	High	structures for	eclaimed water system incl high volume water users a n maximize utilization, wate	and has pro-active reclaim	ed water expansion				
Project Readiness:	High	The project is	ready to begin on or before	re December 1, 2019.					
			Strategic Goals						
Strategic Goals:	High	High Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.							
Freedon High Drington	-		I Ranking and Recommer		(1)				
Fund as High Priority.	mgd of red	The project is recommended for funding as it will develop a project concept to utilize up to 1.5 mgd of reclaimed water for aquifer recharge to develop approximately 0.75 mgd of new potable water supplies and is cost effective.							
Funding Course	D.	rior	Funding FY2020	Eutore	Total				
Funding Source Plant City	P	rior \$0		Future \$0	Total \$300,000				
District		\$0 \$0							
Total		\$0		<u> </u>					

Project No. Q115	WMP - Eas	t Pasco WMP	Update						
Pasco County			•		FY2020				
Risk Level:	Type 4		Multi-Year	Contract:					
			Yes, 1 of 2						
		Description							
Description:	Complete	a Watershed N	/Janagement Plan (WMP) u	pdate for the East Pasco	watershed in				
	Pasco Cou	ınty, through a	ind including Watershed Ev	aluation, Floodplain Anal	ysis, Level of				
	Service (L	ervice (LOS) Determination, and Best Management Practise (BMP) Alternative Analysis.							
		Y2020 funding will be used to begin the Watershed Evaluation.							
Measurable Benefit:	The contra	ictual Measura	able Benefit will be the com	oletion of an updated WM	IP that identifies				
	-		_OS, and evaluates BMPs t	o address flooding conce	erns in the				
	watershed								
Costs:		ct cost: \$800,0							
		unty: \$400,000							
			200,000 requested in FY20	20 and \$200,000 anticipa	ated to be requested				
	in future ye	ears.	Evaluation						
Application Quality:	High	Application in	cluded all the required info	mation identified in the C	El Guidelines				
Project Benefit:	піgп	· · · · · · · · · · · · · · · · · · ·							
		flood analysis models are available and are from 5 to 10 years old, and the watershed includes regional or intermediate stormwater systems. The East Pasco watershed is							
		one of the District's top 20 priority watersheds for WMP updates.							
Cost Effectiveness:	High								
		mi) for WMP updates completed in mixed watersheds.							
Past Performance:	Medium								
Complementary Efforts:	Medium								
Project Readiness:	High	Project is rea	dy to begin on or before De	cember 1, 2019.					
			Strategic Goals						
Strategic Goals:	High	Strategic Ini	tiative - Water Quality Mai	ntenance and Improvem	ent: Develop				
_	_	_	nt programs, projects and r		-				
		quality.							
		_	tiative - Floodplain Manag	-					
			cal and regional floodplain i	· · · · · · · · · · · · · · · · · · ·	on status and trends				
			odplain management decis						
			Region Priority: Flood Prof	•					
			Pithlachascotee, Anclote ar	d Hillsborough Rivers an	d Pinellas County				
		coastal wate		detion					
Fund as High Priority.	This project		I Ranking and Recommen od risk in an area with existi		to 10 years old				
r and do riight Hoffty.		•	I be utilized for flood zone of	-	-				
			and enhance the planning o						
			one of the District's top 20		-				
			Funding						
Funding Source	Pi	rior	FY2020	Future	Total				
Pasco County		\$0	\$200,000	\$200,000	\$400,000				
District		\$0		\$200,000	\$400,000				
Total		\$0		\$400,000					
iviai	· · · · · · · · · · · · · · · · · · ·	7.0	¥ .55,566	+ , 3 • •					

Project No. Q116	WMP - Roosevelt Creek Watershed Management Plan								
Pinellas County				_		FY202			
Risk Level:	Type 3			Multi-Year (Contract:				
				Yes, 1 of 3					
		Description							
Description:	Complete	Complete a Watershed Management Plan (WMP) update for the Roosevelt watershed in Pinellas							
	-	County, through and including Watershed Evaluation, Floodplain Analysis, Level of Service							
		Determination, Surface Water Resource Assessment (SWRA), and Best Management							
	Practice (E Evaluation	ractice (BMP) Alternative Analysis. FY2020 funding will be used to begin the Watershed							
Measurable Benefit:			hle Renefit wi	Il he the comr	pletion of an updated WM	P that identifies			
Measurable Deficit.				-	o address flooding conce				
	watershed			uutoo	o address nesamig series.				
Costs:		ect cost: \$800,	000						
	Pinellas C	ounty: \$400,00	00						
			100,000 reque	sted in FY202	20, and \$300,000 anticipa	ited to be requested			
	in future ye	ears.	Football						
Amplication Ovality	Madium	Application in	Evalua		information identified in t	ha CEL quidalinas			
Application Quality:	wealum				information identified in to obtain remaining require				
Project Benefit:	Hiah								
i rojost Bonomi		The WMP will analyze flooding problems that exist in the watershed. Currently, flood analysis models are over 10 years old, and the watershed includes regional or							
		intermediate stormwater systems. The Roosevelt Creek watershed is one of the							
		District's top 20 priority watersheds for WMP updates.							
Cost Effectiveness:	High	Project cost per square mile is below the mid-range of historic costs (\$68,000 / sq mi							
D (D (Mar alliana	or less) for WMPs completed in urban watersheds.							
Past Performance:		Based upon an assessment of the schedule and budget for the 9 ongoing projects Cooperator's Community Rating system class is 5 and is in the 5 or less range.							
Complementary Efforts:		-				or less range.			
Project Readiness:	підп	Project is rea			cember 1, 2019.				
Stratogia Coalau	Lliab	Ctrotogia Ini	Strategic		ecoment and Diamina:	Collect and			
Strategic Goals:	High				essment and Planning: (onal water quality status a				
					s and restoration initiative				
		• •	•		ement: Collect and analyz				
		determine lo	cal and region	al floodplain i	nformation, flood protection	on status and trends			
			-	_	ion and initiatives.				
			•	•	ection: Improve flood prot				
		•		e, Anclote an	d Hillsborough Rivers and	d Pinellas County			
		coastal wate	rsneas I Ranking and	Recommen	dation				
Fund as High Priority.	This project				ng flood analysis that is ov	ver 10 years old.			
<i>J</i> 7 <i>J</i> .		•			letermination, to help impl	-			
	that allevia	ate flood risk, a	and enhance th	ne planning of	f future development in th	e project area. The			
	Roosevelt	Creek waters			op 20 priority watersheds	for WMP updates.			
			Fund						
Funding Source	Pi	rior	FY20		Future	Total			
Pinellas County		\$0		\$100,000	\$300,000	\$400,00			
District		\$0		\$100,000	\$300,000	\$400,00			
Total		\$0 \$200,000 \$600,000 \$800,00							

Project No. Q117	Reclaimed	- Hillsboroug	h Co. Columb	us Sports Pa	ark Reuse Project			
Hillsborough County		FY20						
Risk Level:	Type 2			Multi-Year	Contract: No			
			Descri	ption				
Description:	mains and	Design, permitting and construction of approximately 4,700 feet of reclaimed water transmission mains and other necessary appurtenances to supply reclaimed water to approximately 65 acres of sports park/ballfields at the Hillsborough County Columbus Sports Park near Falkenburg Road.						
Measurable Benefit:	of 0.09 mg Area (NTE	of reclaimed WUCA).	l water for irrig	ation use in t	al requirement, is the su he Northern Tampa Bay	• •		
Costs:	Hillsborou	ect cost: \$800,0 gh County: \$40 100,000 all of v	00,000;		·			
	Бізілоі. φ−	100,000 all 01 v	Evalu					
Application Quality:	Medium			•	d information identified in ator to obtain remaining re	•		
Project Benefit:	High	for an anticipa	ated 0.068 mg	d of water sa	f reclaimed water to a rec vings within the NTBWU	CA.		
Cost Effectiveness:	Medium	\$11.76 per gallon per day capital cost which is within the \$10 to \$15 per gallon average for alternative supplies. The estimated cost effectiveness is \$2.84 per thousand gallons of water resource benefit which is within the cost range for reuse projects which typically range from a low of \$0.15/1,000 gallons for golf course projects up to \$10.00/1,000 gallons for residential projects.						
Past Performance:	Medium	Based on an	assessment o	f the schedul	e and budget for 22 ongo	ing projects.		
Complementary Efforts:	High		s for the recre		ill include metering and ir and the County has pro-a		е	
Project Readiness:	High	Project is rea	dy to begin on	or before De	ecember 1, 2019.			
			Strategi	c Goals				
Strategic Goals:	High	water to redu Tampa Bay I Tarpon and I	ice demand oi Region Priori ₋ake Seminole	n traditional w ty : Improve L e.	Maximize beneficial use vater supplies. ake Thonotosassa, Tamp			
			I Ranking and					
Fund as High Priority.		ct is recommer A and is cost e	effective.		es reliance on traditional	water sources in the	е	
Franching Occurre			Fund FY20		F. 4	T-4-1		
Funding Source District	Р	rior \$0		\$400,000	Future \$0	Total	\$400,000	
Hillsborough County		\$0 \$0		\$400,000	\$0		\$400,000	
Total		\$0		\$800,000			\$800,000	

Project No. Q125	SW IMP - Water Quality - McIntosh Park Integrated Water Master Plan								
Plant City							FY2020		
Risk Level:	Type 3			Multi-Year (Contract: No				
			Descrip	otion					
	McIntosh F City's inter larger volu also propo treatment v conceptua to complet support fur	30% design and third-party review for the construction of a 100-150 acre treatment wetland at the McIntosh Park site and enhancements to the existing 45 acre wetland treatment system. The City's intent is to expand the capacity of the existing McIntosh Park wetland project to capture larger volumes of stormwater for additional water quality treatment and flood protection. The City also proposes to route 1.5 mgd of reclaimed water through the system to improve function of the treatment wetland. District funding is for 30% design and third-party review as this project has a conceptual construction estimate greater than \$5 million dollars. The FY2020 funding request is to complete 30% design and third-party review which will provide the necessary information to support funding in future years to complete design, permitting, and construction.							
Measurable Benefit:	proposed	project to cons cres of additior	truct a treatme	nt wetland th	Il be the completion of 3 nat will incorporate existing I route 1.5 mgd of reclain	ng wetlands, create			
Costs:	Total proje Plant City: District: \$3 and constr	Total project cost: \$674,350 (30% design and third party review) Plant City: \$337,175 District: \$337,175. The conceptual estimate for total project costs, including design, permitting and construction is \$9,353,700. It is anticipated that the City will request funding to complete design, permitting and construction in future years. Evaluation							
Application Quality:	Medium	Application in			information identified in	the CFI auidelines			
тіррінення цинну.		District PM/CM had to work with cooperator to obtain remaining required information.							
Project Benefit:	High	High The Resource Benefit of this project, if constructed, is the reduction of pollutant loads to Blackwater Creek, the Hillsborough River, and Tampa Bay by an estimated 2,700 lbs/year of TN and 1,080 lbs/year of TP. There will be no monitoring or performance testing requirements.							
Cost Effectiveness:	High								
Past Performance:	High				ule and budget for the 1				
Complementary Efforts:	Medium	management a stormwater	plan, and has maintenance p	other comple program, has	es within its park system ementary efforts. Plant C an active street sweepe ter quality efforts.	City currently operate			
Project Readiness:	High	Project is read	dy to begin on	or before De	cember 1, 2019.				
			Strategic	Goals					
Strategic Goals:	High	and implement quality. Tampa Bay F Tarpon and L	nt programs, p Region Priorit y ake Seminole.	rojects and r	ntenance and Improver egulations to maintain a ake Thonotosassa, Tam	nd improve water			
Fund as High Priority.	the 30% design plans and third-party review will provide the District with better information to confirm the resource benefits and cost effectiveness of constructing this project. If constructed, this project will create 100-150 acres of treatment wetlands and reduce nutrient loading discharged to the Hillsborough River watershed, part of the Tampa Bay watershed, a SWIM priority water body.								
Funding Source	D.	rior	Fundi FY202		Futuro	Total			
Funding Source Plant City		r ior \$0	r 1 202	\$337,175	Future \$0	Total ∩I	\$337,175		
District		\$0 \$0		\$337,175	\$(\$337,175		
Total		\$0		\$674,350	\$(\$674,350		
ı olai		Ψ0[ψ01 4,000	Ψ	- [70. 1,000		

Project No. Q129	Restoratio	n - Breakwate	r Park Living Shoreline						
Gulfport					FY2020				
Risk Level	Type 2		Multi-Year	Contract: No					
		Description							
Description	Constructi	Construction of a living shoreline located in Boca Ciega Bay Aquatic Preserve, part of Tampa							
	Bay, a SW	Bay, a SWIM Priority water body.							
Measurable Benefit:			able Benefit of this project v						
			reline. Construction will be	done in accordance with	the permitted plans.				
Costs			000 (Construction)						
	•	of Gulfport: \$80	0,000						
	District: \$8	30,000	Fordingther						
Application Quality	Lliede	The application	Evaluation	ad information identified i	n the CEL Cuidelines				
Application Quality:	-	ļ	on did include all the requir						
Project Benefit:	High		f this project is 605 linear fo		*				
Coat Effectiveness	Llimb		sh enhancement, oyster ha		-				
Cost Effectiveness	High								
Past Performance:	High	shoreline restored. Based on the cooperator having no ongoing projects with the District they are ranked							
rast renomiance.	riigii	high.							
Complementary Efforts:	High	 							
	ŭ	1	lved in this application, mai	•					
		other complin	nentary efforts that preserv	e or restore natural syste	ms.				
Project Readiness	High	The project is	ready to begin on or befor	e December 1, 2019.					
			Strategic Goals						
Strategic Goals:	High	Strategic Ini	tiative - Conservation and	Restoration: Restoration	n and				
		maintenance	of natural ecosystem for the	he benefit of water and wa	ater-related				
		resources.							
			Region Priority: Improve L	.ake Thonotosassa, Tamp	oa Bay, Lake				
			_ake Seminole.						
Fund on High Drievity	.		I Ranking and Recommer		T D.				
Fund as High Priority.			tive and will enhances 605	linear feet of shoreline w	itnin Tampa Bay, a				
	Svviivi prid	ority water bod	y. Funding						
Funding Source	D	rior	FY2020	Future	Total				
District	<u></u>	\$0		,					
The City of Gulfport		<u>ψ0</u> \$0	\$80,000						
Total		Ψ0 \$0		·	. ,				

Project No. Q130	Study - Nu	trient Source	Tracking					
Pinellas County							FY2020	
Risk Level:	Type 3			Multi-Year C	ontract:			
		Yes, Year 1 of 3						
		Description						
Description:	Review ex	isting watersh	ed data and co	onduct addition	nal sampling to assess n	utrient loading into		
	the McKay	Creek, Allen's	s Creek, and C	Curlew Creek v	vatersheds using isotope	e analysis and		
		ent of a concep						
Measurable Benefit:				Il be the comp	letion of this study.			
Costs:	1, -	ect cost: \$200,						
		ounty: \$100,00		t- d :- EV0000		d 4 - 1 4 - d (-		
	future yea		40,000 reques	ted in FY2020	and \$60,000 anticipated	a to be requested in		
	luture yea	13.	Evalua	ation				
Application Quality:	High	Application in			nation identified in the C	FI Guidelines.		
Project Benefit:	-				ion of nutrient loading in		C.	
i rojost Benont.	· 				eds. All three watershed	•	٠,	
			•		reek have nutrient TMD	•		
			•		arwater Harbor, McKay	=		
		drains to southern Clearwater Harbor, and Allen's Creek watershed drains to Old						
			a SWIM Priorit					
Cost Effectiveness:	High			•	mparable to past project			
Dood Doof	NA - diam-				t Lake Nutrient Source E			
Past Performance:					ule and budget for the 9			
Complementary Efforts:	-				r utility that collects fees	•		
Project Readiness:	High	The project is			December 1st, 2019.			
Otrotonio Ocales	I II -d-		Strategio		(LDI :			
Strategic Goals:	Hign	_		-	essment and Planning:			
				-	onal water quality status and restoration initiative			
			•		ke Thonotosassa, Tamp			
		I	Lake Seminole			.a 2ay, 2a		
		•	I Ranking and		ation			
Fund as High Priority.					discharging into Clearwa	ter Harbor and Old		
	Tampa Ba	ıy, a SWIM pri						
			Fund					
Funding Source	P	rior	FY20		Future	Total		
Pinellas County		\$0 \$40,000 \$60,000 \$100 ₀						
District		\$0		\$40,000	\$60,000		\$100,000	
Total	<u> </u>	\$0 \$80,000 \$120,000 \$.					\$200,000	

Risk Level; Type 3	Project No. W024	FY2020 Tar	FY2020 Tampa Bay Environmental Restoration Fund								
Description Description			•				FY2020				
Description: De	Risk Level:	Type 3		Multi-Year C	ontract: No						
Description: The Tampa Bay Environmental Restoration Fund (TBERF) was established to fund restoration, research and education initiatives in Tampa Bay. The Tampa Bay Estuary Program (TBEP) manages the fund and secures local funding to leverage with funds obtained nationally by the Restore America's Estuaries (RAE) through environmental fines and philanthropic gifts. Measurable Benefit: The project will fund numerous water quality improvement and habitat restoration projects throughout the Tampa Bay watershed. Costs: Total project cost: \$700,000 TBEP share \$350,000 District \$350,000 requested in FY20 (District share includes a 10% administrative fee for each grant managed by the TBEP). Evaluation Application Quality: High Application included all the required information identified in the CFI guidelines. Project Benefit: High Water quality improvement and natural systems restoration in Tampa Bay, a SWIM priority water body. Cost Effectiveness: High District funds will be leveraged with other local, federal, private, and penalty funds. Past Performance: High Based on an assessment of the schedule and budget for the 6 ongoing projects. Complementary Efforts: High Project is ready to begin on or before December 1, 2019. Strategic Goals: High Project is ready to begin on or before December 1, 2019. Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water quality. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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			Description								
research and education initiatives in Tampa Bay. The Tampa Bay Estuary Program (TBEP) manages the fund and secures local funding to leverage with funds obtained nationally by the Restore America's Estuaries (RAE) through environmental fines and philanthropic gifts. Measurable Benefit: The project will fund numerous water quality improvement and habitat restoration projects throughout the Tampa Bay watershed. Costs: Total project cost: \$700,000 TBEP share \$350,000 District \$350,000 requested in FY20 (District share includes a 10% administrative fee for each grant managed by the TBEP). Evaluation Application Quality: High Application included all the required information identified in the CFI guidelines. Project Benefit: High Water quality improvement and natural systems restoration in Tampa Bay, a SWIM priority water body. Cost Effectiveness: High District funds will be leveraged with other local, federal, private, and penalty funds. Past Performance: High Applicant funds projects that are complementary to preserve natural systems and improve water quality. Project Readiness: High Priority energy to begin on or before December 1, 2019. 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. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million.	Description:	The Tame	a Bay Environ	•	ERE) was established to	n fund restoration					
manages the fund and secures local funding to leverage with funds obtained nationally by the Restore America's Estuaries (RAE) through environmental fines and philanthropic gifts. Measurable Benefit: The project will fund numerous water quality improvement and habitat restoration projects throughout the Tampa Bay watershed. Costs: Total project cost: \$700,000 TBEP share \$350,000 District \$350,000 requested in FY20 (District share includes a 10% administrative fee for each grant managed by the TBEP). Evaluation Application Quality: High Application included all the required information identified in the CFI guidelines. Project Benefit: High Water quality improvement and natural systems restoration in Tampa Bay, a SWIM priority water body. Cost Effectiveness: High District funds will be leveraged with other local, federal, private, and penalty funds. Past Performance: High Based on an assessment of the schedule and budget for the 6 ongoing projects. Complementary Efforts: High Applicant funds projects that are complementary to preserve natural systems and improve water quality. Project Readiness: High Project seed to begin on or before December 1, 2019. 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. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, a SWIM priority water body. The District has provided funding for the TBERF since FY2013. For FY2013 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$4.5 million. Eight District has provided funding for the TBERF since FY2013. For FY2013 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District has provided and	Description.										
Restore America's Estuaries (RAE) through environmental fines and philanthropic gifts. Measurable Benefit: The project will fund numerous water quality improvement and habitat restoration projects throughout the Tampa Bay watershed. Costs: Total project cost: \$700,000 TBEP share \$350,000 District \$350,000 requested in FY20 (District share includes a 10% administrative fee for each grant managed by the TBEP). Evaluation Application Quality: High Application included all the required information identified in the CFI guidelines. Project Benefit: High Water quality improvement and natural systems restoration in Tampa Bay, a SWIM priority water body. Cost Effectiveness: High District funds will be leveraged with other local, federal, private, and penalty funds. Past Performance: High Based on an assessment of the schedule and budget for the 6 ongoing projects. Complementary Efforts: High Applicant funds projects that are complementary to preserve natural systems and improve water quality. Project Readiness: High Project is ready to begin on or before December 1, 2019. Strategic Goals Strategic Goals: Strategic Goals: Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water quality. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amoun											
Measurable Benefit: throughout the Tampa Bay water quality improvement and habitat restoration projects throughout the Tampa Bay watershed. Costs: Total project cost: \$700,000		_									
Costs: Total project cost: \$700,000 TBEP share \$350,000 District \$350,000 requested in FY20 (District share includes a 10% administrative fee for each grant managed by the TBEP). Evaluation Evaluation	Measurable Benefit:										
TBEP share \$350,000 District \$350,000 requested in FY20 (District share includes a 10% administrative fee for each grant managed by the TBEP). Evaluation Application Quality: High Application included all the required information identified in the CFI guidelines. Project Benefit: High Water quality improvement and natural systems restoration in Tampa Bay, a SWIM priority water body. Cost Effectiveness: High District funds will be leveraged with other local, federal, private, and penalty funds. Past Performance: High Based on an assessment of the schedule and budget for the 6 ongoing projects. Complementary Efforts: High Applicant funds projects that are complementary to preserve natural systems and improve water quality. Project Readiness: High Project is ready to begin on or before December 1, 2019. 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. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total		throughout	t the Tampa B	ay watershed.							
District \$350,000 requested in FY20 (District share includes a 10% administrative fee for each grant managed by the TBEP). Evaluation	Costs:	Total proje	ct cost: \$700,0	000							
Strategic Goals: High Project Readiness: High Application (Indiangulity: Project Readiness: High Application included all the required information identified in the CFI guidelines.											
Project Benefit			-	-	cludes a 10% administra	ative fee for each					
Application Quality: High Application included all the required information identified in the CFI guidelines. Project Benefit: High Water quality improvement and natural systems restoration in Tampa Bay, a SWIM priority water body. District funds will be leveraged with other local, federal, private, and penalty funds. Past Performance: High Based on an assessment of the schedule and budget for the 6 ongoing projects. Complementary Efforts: High Applicant funds projects that are complementary to preserve natural systems and improve water quality. Project Readiness: High Project is ready to begin on or before December 1, 2019. 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 - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. Fund as High Priority. Funding Funding Funding for the TBERF since FY2013. For FY2013 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP S0 \$350,000 \$30 \$350,000		grant mana	aged by the TE								
Project Benefit: High	Annilla ation Ovalitan	Litaria	Amuliantian in		action identified in the C	El evidelines					
Priority water body.		-		<u> </u>							
Cost Effectiveness: High District funds will be leveraged with other local, federal, private, and penalty funds.	Project Benefit:	High		•	stems restoration in Tan	npa Bay, a SWIM					
Past Performance: High Based on an assessment of the schedule and budget for the 6 ongoing projects. Complementary Efforts: High Applicant funds projects that are complementary to preserve natural systems and improve water quality. Project Readiness: High Project is ready to begin on or before December 1, 2019. 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. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$0 \$350,000	Cost Effectiveness:	High									
Applicant funds projects that are complementary to preserve natural systems and improve water quality. Project Readiness: High Project is ready to begin on or before December 1, 2019. 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. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation											
improve water quality. Project Readiness: High Project is ready to begin on or before December 1, 2019. 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. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$350,000 \$350,000		-									
Project Readiness: High Project is ready to begin on or before December 1, 2019. Strategic Goals	Complementary Errorts:	піgп									
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. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$0 \$350,000 District \$0 \$350,000 \$0 \$350,000	Project Readiness:	High			ember 1, 2019.						
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 - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$0 \$350,000 District \$0 \$350,000 \$0 \$350,000		g.	,		, , ,						
and implement programs, projects and regulations to maintain and improve water quality. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$350,000 \$0 \$350,000	Strategic Goals:	Hiah	Strategic Ini	<u>-</u>	tenance and Improvem	ent: Develop					
quality. Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$350,000 \$0 \$350,000		9	_	_		•					
Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$350,000 \$0 \$350,000			=	71 7	•	·					
resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$350,000 \$350,000			Strategic Ini	tiative - Conservation and F	Restoration: Restoration	and					
Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$350,000 \$0 \$350,000			maintenance	of natural ecosystem for the	benefit of water and wa	iter-related					
Tarpon and Lake Seminole. Overall Ranking and Recommendation Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$350,000 \$0 \$350,000											
Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$350,000 \$0 \$350,000					ke Thonotosassa, Tamp	a Bay, Lake					
Fund as High Priority. 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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$350,000 \$350,000 \$350,000			•		0						
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 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$0 \$350,000 District \$0 \$350,000 \$0 \$350,000	Fund on High Priority	Due to the				io o vome cost					
SWIM priority water body. The District has provided funding for the TBERF since FY2013. For FY2013 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$350,000 \$0 \$350,000	Fund as high Phonty.					-					
FY2013 - FY2018 the TBERF funded 55 projects at a total grant amount of \$4.5 million. Eight District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$0 \$350,000 District \$0 \$350,000 \$0 \$350,000			•		• •						
District projects have been funded at a grant amount of \$1.2 million. Funding Funding Source Prior FY2020 Future Total			-	· · · · · · · · · · · · · · · · · · ·	_						
Funding Funding Source Prior FY2020 Future Total TBEP \$0 \$350,000 \$0 \$350,00 District \$0 \$350,000 \$0 \$350,00					_						
TBEP \$0 \$350,000 \$0 \$350,00 District \$0 \$350,000 \$0 \$350,00											
District \$0 \$350,000 \$0 \$350,00	Funding Source	Pi	rior		Future	Total					
	TBEP		\$0	\$350,000	\$0		\$350,000				
Total \$0 \$700,000 \$0 \$700,00	District		\$0	\$350,000	\$0		\$350,000				
<u>1 οται Ψυ \$700,000 Ψυ \$700,00</u>	Total		\$0	\$700,000	\$0		\$700,000				

Project No. W300	SW IMP - V	Vater Quality -	Channel 1A2	Stormwater	Quality Improvements				
Pinellas Park Water						FY2020			
Management District evel:	Type 3			Multi-Year C	ontract: No				
			Descri	ption					
Description:	Managem	esign, permitting and construction of stormwater retrofits in the Pinellas Park Water lanagement District to improve water quality discharging to Boca Ciega and Tampa Bay, a WIM priority water body.							
Measurable Benefit:	treat appro accordance requireme	oximately 20 acception on the permonents.	cres of highly mitted plans. T	urbanized stor here will be n	n, permitting, and constructions and construction of the construct	tion will be done in			
Costs:		ect cost: \$807,8 ark Water Mar 403,900		•	struction)				
			Evalu	ation					
Application Quality:	Medium			•	information identified in tor to obtain remaining re				
Project Benefit:	High				e reduction of pollutant lo d 8,126 lb/yr TSS, and 2				
Cost Effectiveness:	High				below the historical aver en the historical average	9			
Past Performance:	High	Based on the high.	cooperator ha	aving no ongo	ng projects with the Dist	rict they are ranked			
Complementary Efforts:	High	The Pinellas collects fees.	Park Water Ma	anagement Di	strict has an active storn	n water utility that			
Project Readiness:	High	Project is rea	dy to begin on	or before Dec	cember 1st of 2019.				
			Strategio	c Goals					
Strategic Goals:	High	and impleme quality. Tampa Bay	ent programs, _l Region Priori	projects and re	Itenance and Improvem egulations to maintain ar like Thonotosassa, Tamp	nd improve water			
		· · · · · · · · · · · · · · · · · · ·	Lake Seminole I Ranking and		lation				
Fund as High Priority.	This proje	ct is cost effec			ation lity discharging to Tamp	a Bay, a SWIM			
			Func	ling					
Funding Source	Р	rior	FY20		Future	Total			
District		\$0		\$403,900	\$0	' '			
Pinellas Park Water Manage		\$0		\$403,900	\$0	. ,			
Total		\$0		\$807,800	\$0	\$807,800			

Project No. Q076	SW IMP - V	W IMP - Water Quality - Harbor Dr and LaHacienda Dr Stormwater Improvements						
Indian Rocks Beach					FY2020			
Risk Level:	Type 3		Multi-Year	Contract: No				
		Description						
Description:	Design, pe	ermitting and c	onstruction of stormwater re	etrofits in the City of India	n Rocks Beach to			
	improve w	nprove water quality discharging to Clearwater Harbor.						
Measurable Benefit:			able Benefit will be the design					
		•	icres of highly urbanized st	ormwater runoff. Construc	ction will be done in			
04		e with the peri						
Costs:		ect cost: \$∠44,. ian Rocks Bea	228 (Design, permitting, co	nstruction)				
	District: \$1		ICII. \$122,114					
	Diotriot. V	· , · · ·	Evaluation					
Application Quality:	High	Application in	cluded all of the required in	formation identified in the	e CFI Guidelines.			
Project Benefit:	High	The Resource	e Benefit of the project is th	e reduction of pollutant lo	ads to Clearwater			
		Harbor by an estimated 1,239 lb/yr TSS.						
Cost Effectiveness:	Medium		d cost/lb of TSS removed is		•			
Past Performance:		High Based on an assessment of the schedule and budget for the 1 ongoing project.						
Complementary Efforts:	Medium		nplementary efforts include					
Duciant Dandings	Lliada		active education program		rmwater Master Plan.			
Project Readiness:	High	Project is rea	dy to begin on or before De	ecember 1st of 2019.				
Stratagia Coalau	Madium	Stratagia Ini	Strategic Goals	ntenence and Impreven	ent Davolan			
Strategic Goals:	Medium	_	tiative - Water Quality Mai ant programs, projects and i		-			
		quality.	in programs, projects and i	egulations to maintain an	ia improve water			
		1						
		Overal	I Ranking and Recommen	dation				
Fund as Medium Priority.	The project		ive and continues efforts by		water impacts to			
	Clearwate	r Harbor.						
			Funding					
Funding Source	Р	Prior FY2020 Future Total						
District		\$0 \$122,114 \$0 \$122,1						
City of Indian Rocks Beach		\$0 \$122,114 \$0 \$122,1						
Total		\$0 \$244,228 \$0 \$244,2						

Project No. Q090	Study - Be	lleair Brackish	Feasibility and Testing						
Town of Belleair					FY202				
Risk Level:	Type 2		Multi-Year	Contract:					
			Yes, 1 of 2						
			Description						
Description:	A hydroge	ologic investig	ation to determine the feasi	bility of developing a brace	ckish groundwater				
		wellfield and deep injection well in the Upper Floridan aquifer. The project includes the							
		onstruction of three wells (exploratory deep injection well, and two monitor wells) and							
M 11 B 61			racterize the proposed pro						
Measurable Benefit:			able Benefit will be the com		-				
		n on the Upper	r Floridan aquifer for the pu	rpose of potential addition	nai aiternative water				
Costs	supply.	ect cost: \$1,76	3 350						
00313.		elleair: \$881,6							
			705,340 requested in FY20	020 and \$176.335 anticipa	ated to be requested				
	in future y			, aa	atou to so roquottou				
	,		Evaluation						
Application Quality:	High	Application in	cluded all the required info	rmation identified in the C	FI guidelines.				
Project Benefit:		The benefit o	f this project is enhanceme	nt of groundwater resource	ce data to improve				
	Ū		models and management o	_					
		WUCA and to	assest the potential for ad	ditional alternative water	supply. Substantial				
		resource ben	efit expected.						
Cost Effectiveness:	Medium	The study cos	sts are slightly higher than t	est well construction and	hydrologic data				
			ivities in other District funde	-	as H089 Aquifer				
			SWIMAL Recovery at Flatf						
Past Performance:			assessment of the schedul	-					
Complementary Efforts:			er capita is between 101 ar	<u> </u>	to medium ranking.				
Project Readiness:	High	Project is rea	dy to begin on December 1	, 2019.					
			Strategic Goals						
Strategic Goals:	High	_	tiative - Alternative Water						
			ources of water to ensure g						
			Region Priority: Implement	t Minimum Flow and Leve	el (MFL) Recovery				
		Strategies.	10.11	1.0					
Fund as Madium Priority	Drainatio		I Ranking and Recommen		mativa vyatan aavunaa				
Fund as Medium Priority.			study to evaluate brackish ative of developing AWS to						
		-	JCA. This project was origin	_					
			FY2019 CFI cycle. The pro	•					
		-	eient after additional design	-	_				
			drilling industry costs of co						
			Funding						
Funding Source	Р	rior	FY2020	Future	Total				
District		\$0	\$705,340						
Town of Belleair		\$0 \$705,340 \$176,335 \$8							
Total		\$0		\$352,670					

Project No. Q100	SW IMP - F	SW IMP - Flood Protection - Sparkman Nesmith-Frank Moore Rd Drainage Improvement								
Hillsborough County						FY2020				
Risk Level:	Type 2		Multi-Year C	contract: No						
	Description									
Description:	conveyand creation of proposed the level of proposed of	Construction to improve the existing drainage system by upgrading three (3) roadway onveyance systems along Sparkman Rd, Nesmith Rd, and Frank Moore Rd along with the reation of a pond to alleviate flooding problems and provide water quality improvements. The roposed project will attenuate peak runoff and reduce the duration of flooding which will elevate ne level of service (LOS) for the mean annual through the 25-yr, 24-hr storm events. The roposed conveyance and storage improvements are expected to reduce runoff contributions to inglish Creek, which is a tributary of the Alafia River. FY2020 funds will be used for								
Measurable Benefit:	The contra	ctual Measura	able Benefit will be construct	ion of stormwater conve	yance improvements					
			ion pond in accordance with		· · · · · · · · · · · · · · · · · · ·					
Costs:	Hillsborou	gh County: \$5	0,000 (Construction). 00,000. sted in FY2020.							
			Evaluation							
Application Quality:		District PM ha	cluded most of the required ad to work with cooperator to	o obtain remaining requir	red information.					
Project Benefit:	Medium	Medium The Resource Benefit of this project will reduce the existing flooding problem up to the 25-yr, 24-hr storm event. Street flooding currently occurs in the project area and the project impacts the regional or intermediate drainage system.								
Cost Effectiveness:	High									
Past Performance:	Medium	Based upon a	an assessment of the sched	ule and budget for the 22	2 ongoing projects.					
Complementary Efforts:	High	Cooperator's	Community Rating System	class is 5 and is in the 5	or better range.					
Project Readiness:	High	Project is rea	dy to begin on or before Dec	cember 1, 2019.						
			Strategic Goals							
Strategic Goals:	High	determine location to support flot Tampa Bay Tarpon, the locastal wate		nformation, flood protection on and initiatives. ection: Improve flood prod d Hillsborough Rivers an	on status and trends					
			I Ranking and Recommend							
Fund as Medium Priority.	existing dr expected protection	The project will reduce roadway flooding for the 25-yr, 24-hr storm event by upgrading three existing drainage systems. The proposed improvements in conveyance and storage are expected to reduce runoff and flooding durations, while remaining cost effective. This flood protection project reduces flooding for streets but not structures; therefore, based on this resource benefit an overall ranking of medium priority is the highest priority this project can								
F din. O	_		Funding	F 4	-					
Funding Source	P I	rior	FY2020	Future	Total	500.000				
Hillsborough County		\$0		\$0		500,000				
District		\$0 \$500,000 \$0 \$500,0 \$0 \$1,000,000 \$0 \$1,000,0								
Total	<u> </u>	φυ	\$1,000,000	Φυ	Ι Φ1,0	550,000				

Project No. Q108	Study - Pa	sco Co. Recla	imed Water Alternatives A	Analysis				
Pasco County					FY2020			
Risk Level:	Type 2		Multi-Year	Contract: No				
			Description					
Description:	Feasibility	study to identi	fy nitrogen removal options	s to achieve AWT quality i	ncluding, but not			
		mited to, bio-treatment RIBs that utilize soil amendments with under drain system, treatment						
			t and de-nitrification filters					
			able Benefit will include the	completion of a feasibility	study.			
Costs:		ect Cost: \$168 unty: \$84,000	,000					
		•	uested in FY2020					
	Diotriot. W	,,ooo, all roqu	Evaluation					
Application Quality:	Medium	Application in	cluded most of the require	d information identified in	the CFI guidelines.			
			M had to work with cooper		-			
Project Benefit:	Medium		enefit is the completion of	•				
		Springshed.	nited to, best options to red	luce nitrogen loading to th	e vveeki vvachee			
Cost Effectiveness:	High		osts are consistent with the	e range of costs for similar	projects.			
Past Performance:			an assessment of the sche					
Complementary Efforts:	Medium		y's reclaimed water system					
			s for high volume water us	•				
			licies which maximize utiliz	zation, water resource ber	efits, and			
Project Readiness:	∐igh	environmenta	al benefits. dy to begin on or before De	200mhar 1 2010				
Project Readiness.	riigii	i Toject is Tea	Strategic Goals	50ember 1, 2019.				
Strategic Goals:	High	Strategic Ini	tiative - Water Quality Ass	sessment and Planning	Collect and			
on atogre could.	9	_	to determine local and reg					
		support reso	urce management decisior	s and restoration initiative	es.			
		Northern Re	gion Priority: Improve nor	thern coastal spring syste	ms.			
			I Ranking and Recommer					
Fund as Medium Priority.	The costs	are consistent	t with the range of costs for	similar projects.				
Franchina Course		Funding						
Funding Source District	P I	Prior FY2020 Future Total						
Pasco County		\$0 \$84,000 \$0 \$84,00 \$0 \$84,000 \$0 \$84,00						
Total		\$0 \$0		·	. ,			
I Olai		ΨΟ	ψ100,000	ι ΨΘ	ψ 100,000			

Project No. Q096	Conservati	onservation - St Pete Clothes Washer Rebate Phase 2						
City of St. Petersburg						F	FY2020	
Risk Level:	Type 1			Multi-Year (Contract: No			
Description								
Description:	Fnancial in	ncentives to re	sidential custor	ners for the i	replacement of high flow	clothes washer with		
		• • • • • • • • • • • • • • • • • • • •	•	•	The EPA Energy Star pro	•		
					ers. This project will inclu			
			•		eximately 300 high flow cl	-		
			success of the		erials, program promotion	i, and surveys		
Measurable Benefit:				<u> </u>	ementation of the progran	n and the		
mododrabio Bollonia		n of a final repo		be the imple	smentation of the program	ii and the		
Costs:		ect Costs: \$74,						
		Petersburg: \$3	37,000					
	District: \$3	37,000						
			Evalua					
Application Quality:					formation identified in the			
Project Benefit:	High			the conserva	ation of approximately 4,5	500 gallons per day in		
0 15% ()	N.4. II	the NTB WU			04 10000 11			
Cost Effectiveness:					.01 and \$6.00 per thousa			
Past Performance:					dule and budget for the 9	ongoing projects.		
Complementary Efforts:		·			ween 75 and 125 gpcd.			
Project Readiness:	High	Project is rea			cember 1, 2019.			
			Strategic					
Strategic Goals:	High			rvation: Enh	nance efficiencies in all w	ater-use sectors to		
		ensure bene			Minimum Flaurand Laur	J (MEL) Deservent		
		Strategies.	Region Priority	: impiemeni	Minimum Flow and Leve	ei (MFL) Recovery		
		•	I Ranking and	Recommen	dation			
Fund as Medium Priority.	This proje				NTB WUCA and is cost e	ffective. At their		
	February 2	2019 meeting,	the Tampa Bay	, Regional S	ubcommittee recommend	ded to not consider		
	this projec	t for funding.						
			Fundi					
Funding Source	Р	Prior FY2020 Future Total						
District		\$0		\$37,000	\$0	·	37,000	
City of St. Petersburg							37,000	
Total		\$0		\$74,000	\$0	\$	74,000	

Project No. Q055	Conservati	onservation - Hillsborough Co Advanced Potable Metering								
Hillsborough County							FY2020			
Risk Level:	Type 1		Mult	i-Year Contract:						
		Yes, Year 1 of 5								
		Description								
Description:	•		ation of meter regist	. •		•	9			
		frastructure (AMI). This project will also allow software platform setup, including a utility side								
			nately be available fo			•				
		•	nd graph customers		•					
	_	•	g); detect customers							
	-	-	ducate customers at	-		n actual daily				
Measurable Benefit:			ustomers to a pre-se able Benefit will be th			implementation of				
measurable Bellent.			mpletion of a final re		tile Aivii system,	implementation of				
Costs:		ect Cost: \$4,00		port.						
		gh County: \$2								
			\$400,000 requested	l in FY20 and \$1	,600,000 request	ed in future years.				
			Evaluation							
Application Quality:	Medium	Medium Application included most of the required information identified in the CFI guidelines.								
		District PM/C	M had to work with o	cooperator to obt	tain remaining red	quired information.				
Project Benefit:	Medium		f the project is the co	•	•		/			
			npacted Area (MIA)	and in the South	ern Water Use C	aution Area				
0 (5% ()	•	(SWUCA).		***		1 (004.04				
Cost Effectiveness:	LOW	_	effectiveness is abov	e \$6.00 per thou	isand galions sav	ed (\$34.31 per				
Past Performance:	Medium	thousand gall	an assessment of the	schedule and h	oudget for the 22	ongoing projects				
Complementary Efforts:			er capita is between			origoring projects.				
Project Readiness:			dy to begin on or be							
Froject Readilless.	riigii	i Toject is Tea	Strategic Goa		1, 2019					
Strategic Goals:	Low	Stratogic Ini	tiative: None	3						
Gratogio Godio.	LOW	_								
		Region Prio	-							
Low Drievity, not	This prois		I Ranking and Reco			t and offertive				
Low Priority, not recommended for funding.			otable water supply ed, is considered infr							
recommended for funding.	funding.	ci, as submitte	a, is considered initia	astructure replac	cement and is not	eligible loi				
	.unung.		Funding							
Funding Source	Pi	Prior FY2020 Future Total								
District		\$0		00,000	\$1,600,000		2,000,000			
Hillsborough County		\$0 \$400,000 \$1,600,000 \$2,00								
Total		\$0		00,000	\$3,200,000	· · · · · · · · · · · · · · · · · · ·	4,000,000			
i Jiai			ΨΟ.	,	, -,,	Ψ	, ,			

Project No. Q071	Study - TBW Southern Hillsborough Groundwater Treatment Facility Feasibility								
Tampa Bay Water		FY2020							
Risk Level:	Type 2	ype 2 Multi-Year Contract: Yes, Year 1 of 2							
		Description							
	Hillsboroug tasks such conceptual considered the Hillsbor of a new we supplying 7 2020-2040	further assess the feasibility of the construction a new Groundwater Treatment Plant in South dillsborough County to meet supply needs for the Tampa Bay region. The analysis will explore asks such as potential yield and treatment requirements, modeling, water quality sampling, onceptual cost and site plan development for a new wellfield and treatment plant. This project is onsidered alternative water supply because withdrawals will be enabled by the net benefit from the Hillsborough County Sharp\Share project aquifer recharge with reclaimed water. Construction of a new wellfield and treatment plant is one of the options under consideration to assist in upplying 7.5-20 mgd identified in the 2018 Long-term Master Water Plan Update for the							
Measurable Benefit:	Water (TB\		g options or a com	-	oletion of the feasibility st of options to provide 20 n				
Costs:	Total project TBW: \$300	ct cost: \$600,0 ,000; 00,000, with \$	000;	ed in FY20	020 and \$25,000 anticipa	ted to be requested	t		
	,		Evaluatio	n					
Application Quality:	High	Application in	cluded all the req	uired infor	mation identified in the C	FI Guidelines.			
Project Benefit:		options are th	-	nd cost ef	W to make a decision on fective to meet the region		1		
Cost Effectiveness:		High Study costs are comparable to other District funded feasibility studies such as N605 Brackish Groundwater Wellfield Study for Charlotte County and H079 Feasibility Brackish Aquifer and Reverse Osmosis Study for the PRMRWSA							
Past Performance:	High	Based upon a	an assessment of	the sched	lule and budget for the 1	ongoing project.			
Complementary Efforts:	-	and Pinellas, TBW plans aı	as well as the cition	es of Tam nservation	r supplies to counties of pa, St. Petersburg and N n programming in the Tar ng programs that quantify	lew Port Richey. mpa Bay region. Th	ne		
Project Readiness:			dy to begin on or	before De	cember 1, 2019.				
			Strategic Go	oals					
Strategic Goals:	High								
			I Ranking and Re						
Low Priority, not recommended for funding.	The agreement between TBW and Hillsborough County formalizing the project was not executed by April 1, 2019, therefore the ranking was revised to low priority. If TBW and the County can execute their agreement before the June Governing Board meeting, staff recommends the ranking be changed to high priority. The project contributes to developing the next water supply project to meet future demands in the Tampa Bay Region. The study will provide information for TBW to choose the most efficient and cost-effective projects for the region. Funding								
Funding Source	Prior FY2020 Future Total								
Tampa Bay Water							\$300,000		
District		\$0 \$275,000 \$25,000 \$300,00							
Total		\$0		\$550,000	\$50,000		\$600,000		

Project No. Q101	Reclaimed -	Shady Hills	Energy Center Reuse P	roject					
Shady Hills Energy					FY2020				
Risk Level:	Type 2		Multi-Ye	ar Contract:					
			Yes, Yea	r 1 of 2					
			Description						
Description:	Shady Hills Facility (SH Pasco Cour transmissio annual of 2.	Construction of reclaimed water infrastructure to supply, treat, and reuse reclaimed water at the Shady Hills Energy Center, LLC's (SHEC) new 573-megawatt Shady Hills Combined Cycle Facility (SHCCF) power plant which will be constructed in Central Pasco County next to the Pasco County Shady Hills wastewater treatment facility. The project is anticipated to include all transmission, storage, treatment, pumping, and appurtenances necessary to supply an average annual of 2.82 mgd of reclaimed water (1.92 mgd Pasco County reclaimed water and 0.90 mgd							
			-	charge) for power generatio					
	_		er supply agreement with	Pasco County for up to 3.0	MGD beginning				
Managemakia Damafite	December 2			(1) (1) (0) (0)					
Measurable Benefit:	cooling and Tampa Bay	other proces Water Use C	ses by the Shady Hills Caution Area (NTBWUCA	utilization of 2.82 mgd of rectombined Cycle Facility with a) and the Aripeka/Weeki W	in the Northern				
Costs:			00,000 (Construction On	(y)					
			er LLC: \$13,550,000 h \$12,200,000 requeste	d in FY2020 and \$1,350,000	0 to be requested in				
			Evaluation						
Application Quality:	High	Application in	cluded all of the required	I information identified in the	e CFI Guidelines.				
Project Benefit:		mgd of reclair processes for	ned water and internal r	y and utilization of an annua euse for power plant for coo vings of 2.82 mgd within the	ling and other				
Cost Effectiveness:		for alternative of water resou cypically range	supplies. The estimated urce benefit which is with	which is below the \$10 to \$1 I cost effectiveness is \$2.40 hin the cost range for reuse 100 gallons for golf course p ojects.	per thousand gallons projects which				
Past Performance:		Based on the nigh.	cooperator having no or	ngoing projects with the Dist	rict they are ranked				
Complementary Efforts:	High	n addition to penefits that v Springs spring	vill result in a reduction of gshed by an estimated 5	s, this project will also have of pollutant loads to the Arip 2,602 lbs/yr TN based upor unty at their current reuse q	eka/Weeki Wachee n the 1.92 mgd				
Project Readiness:			dy to begin on or before	December 1, 2019					
			Strategic Goals						
Strategic Goals:	High	water to redu Tampa Bay F Strategies.	ce demand on traditiona Region Priority: Implem	ent Minimum Flow and Leve					
Levy Deissit	This		Ranking and Recomm		aubatantial was - : : -				
Low Priority, not recommended for funding.	This project is not recommended for funding. While the project does provide substantial resource benefits, these benefits will be realized without any District financial contribution to the project. Any District financial contribution will not provide additional benefits.								
Funding									
Funding Source	Pri		FY2020	Future	Total				
District		\$0	\$12,200,0						
Shady Hills Energy LLC		\$0	\$12,200,0						
Total	<u> </u>	\$0	\$24,400,0	90 \$2,700,000	\$27,100,000				

Project No. Q107	Reclaimed - Tampa Augmentation Project Design Phase							
City of Tampa					FY2020			
Risk Level:	Type 3		Multi-Ye	ar Contract: No				
			Description					
Description:	from the Ho water will b Hillsboroug Treatment transmission recharge a	ixty percent design services for implementing a recharge/recovery system for reclaimed water om the Howard F. Curren Advanced Wastewater Treatment Plant (HFCWTP). The reclaimed vater will be stored and recovered from the Floridan Aquifer System then delivered to the lillsborough River Reservoir or to the water structure in the reservoir at the David L. Tippin Water reatment Facility (DLTWTF). Project components will include but not be limited to 48" ansmission main, piping to recharge\recovery facilities, 50 mgd pumping station, multiple echarge and recovery wells and all associated appurtenances. City is funding the 30% design uring FY2019. A third-party review (TPR) of 30% design and completion of 60% design is						
Measurable Benefit:			-	rm sustainable alternative s				
		-		luce nutrient loading to Hills	sborough Bay and			
Conto			et MFLs in the lower					
Cosis.	Tampa: \$1		000 (TPR and 60% de	esign)				
			uested in FY2020.					
			Evaluation					
Application Quality:	Medium	District PM/CM I City is a membe	had to work with coop or of Tampa Bay Wate	ired information identified in perator to obtain remaining i per (TBW). In accordance wit mitted by Tampa Bay Water	required information. h Governing Board			
Project Benefit:	High			recovery of reclaimed water				
,	J		MFL conditions.	,	'			
Cost Effectiveness:	Medium	of the project. Fe recovery. Cost e	easibility estimates ar	sted at \$350 million dollars e for 50 mgd recharge and atly at \$12.5/gpd. which is in	average of 28 mgd for			
Past Performance:	Medium			and budget for the 11 ong	oing projects.			
Complementary Efforts:	High	1)Standard Plun	nbing, 2)Water Use R	in place relating to water c estrictions, 3)Increase in W irement, 5)Schedule of Wat	/ater Restriction			
Project Readiness:	Medium	Review would be	e required, the projec r the funding is being	nakes with the 30% Design t could be ready to begin or requested.				
0/ / 0 /			Strategic Goals					
Strategic Goals:	⊣ign	Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. 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. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.						
			anking and Recomm	nendation				
Low Priority, not recommended for funding.	City is member of TBW. As per Governing Board Policy 130-4, if a member government proposes a potable water supply project, it must be submitted by the Regional Water Supply Authority to be considered for District funding. Also Third Party review must be done before consideration and District will not fund final design without including construction of the project.							
Funding Source	De	ior	Funding FY2020	Future	Total			
District	Pr	s 0	\$1,630,0					
City of Tampa		\$0	\$1,630,0					
-		\$0	\$3,260,0					
Total	<u> </u>	φυ	φ3,200,0	<u> </u>	<u> </u>			

Project No. Q112	Conservation - Tampa Advanced Potable Metering Project										
City of Tampa						FY2020					
Risk Level:	Type 1		Mult	i-Year Contrac	t: No						
	Description										
Description:	Oversight and implementation of Advanced Metering Infrastructure (AMI) within the Tampa Water										
	Department service area.										
Measurable Benefit:	The contractual Measureable Benefit will be the implementation of the program and the										
	completion of a final report.										
Costs:	Total Project Cost: \$4,000,000										
	City of Tampa: \$2,000,000										
	District: \$2,000,000 Evaluation										
Application Quality:	Medium										
Application Quality.	Medium Application included most of the required information identified in the CFI Guidelines. District PM had to work with cooperator to obtain remaining required information.										
Project Benefit:											
Cost Effectiveness:	·										
		from the completion of the project.									
Past Performance:											
Complementary Efforts:	Medium The per capita for the Cooperator is between 75 and 125 gallons per person per day.										
Project Readiness:	Low Project is not expected to begin until after March 1, 2020.										
Strategic Goals											
Strategic Goals:	Low Strategic Initiative: None										
	Region Priority: None										
Overall Ranking and Recommendation											
Low Priority, not	Project is ranked low as the District does not anticipate any water conservation and the project										
recommended for funding.	is classified as infrastructure replacement.										
Funding											
Funding Source	Prior		FY2020			Total					
City of Tampa		\$0	·	00,000	\$0	\$2,000,000					
District		\$0		00,000	\$0	\$2,000,000					
Total		\$0	\$4,0	00,000	\$0	\$4,000,000					

Project No. Q128	Restoration - No Name Creek - Pinellas											
Pinellas County												
School Board Risk Level:	Type 2			Multi-Year (Contract: No							
	Description											
Description:	Construction of a ditch bank stabilization and plantings along 750 linear feet of No Name Creek.											
	The project location is in the vicinity of Pinellas Technical College in the City of St Petersburg											
	which drains to Boca Ciega Bay, part of the Tampa Bay watershed, a SWIM priority water body.											
	The Pinellas County School Board will be required to convey a conservation easement over the											
Measurable Benefit:	project area to the District. The contractual Measurable Benefit will be the construction of 750 linear feet of bank											
Weasurable Deficit.	stabilization and plantings in No Name Creek. Construction will be in accordance with permitted											
	plans.											
Costs:	Total project cost: \$600,000 (Construction)											
	Pinellas County School Board: \$300,000											
	District: \$3	District: \$300,000										
Annilantina Overlita	Maralia ara	Evaluation OFI 11 (10 OFI 11 O										
Application Quality:												
Project Benefit:	District PM/CM had to work with cooperator to obtain remaining required information. Low The project benefit is bank stabilization of 750 linear feet along No Name Creek.											
Cost Effectiveness:												
	-	shoreline restored.										
Past Performance:	High Based on an assessment of the schedule and budget for the 1 ongoing project.											
Complementary Efforts:	High The City of St. Petersburg has an active stormwater utility that collects fees.											
Project Readiness:												
	Strategic Goals											
Strategic Goals:	Low											
Overall Ranking and Recommendation												
Low Priority, not	The project is not cost effective and considered maintenance. Staff will continue to work with the											
recommended for funding.	cooperator to determine if there is a natural systems or water quality benefit of the project that											
	can be evaluated.											
Funding Source	Funding Prior FY2020 Future Total											
District		\$0	•	\$300,000	\$0		\$300,000					
Pinellas County School Boar		\$0		\$300,000	\$0		\$300,000					
Total		\$0		\$600,000	\$0		\$600,000					

