SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

FY2021 Cooperative Funding Initiative Project Evaluations and Rankings



	418.			Rank	District Prior Funding	FY2021 Proposed District Funding	District Future Funding
<u>Proje</u> 1			Reclaimed - Haines City Reclaimed Water Tank and Pump Stations	1A	2,985,000	1,635,000	0
2		·	·	1A	1,093,375	983,375	110,000
3	Q187 PRWC Conservation - Polic Regional Water Cooperative Demand Management Implementation Q200 Winter Haven Study - Winter Haven Direct Potable Reuse Feasibility Q203 Polk Co Study - Polk Co. Direct Potable Reuse Feasibility Q204 PRWC Interconnects - Polk Regional Water Restoration Q216 PRWC Interconnects - Polk Regional Water Cooperative Regional Transmission Southeast Phase 1 W771 Polk Co Study - Winter Haven - Lake Lulu Watershed Protection W771 Polk Co Winter Haven Reclaimed - Winter Haven - Lake Lulu Watershed Protection Q177 Winter Haven Reclaimed - Winter Haven Southern Basin Aquifer Recharge Q181 FL State Parks WMP - Highlands Hammock State Park/Little Charlie Bowlegs WMP Option Vanish Priority N873 Citrus Co WMP - Chassahowitzka River Watershed Management Plan Diects Ranked 1A Priority N873 Citrus Co Study - Citrus County Stormwater Utility Fee Rate & Methodology WMP - Wildwood WMP - SR 200 WMP Update Q058 Marion Co WMP - SR 200 WMP Update Q058 Marion Co WMP - SR 200 WMP Update Q059 Wildwood WMP - Wildwood Watershed Management Plan Q060 Dunnellon WMP - Dunnellon Watershed Management Plan Q060 Dunnellon WMP - Dunnellon Watershed Management Plan Q061 Citrus Co WMP - Tsala Apopka WMP Alternative Analysis Q105 Citrus Co Reclaimed - Citrus County Sugarmill Woods Golf Course Reuse Diects Ranked High Priority Q137 Citrus Co Conservation - Pitrus Co. Water Sense Irrigation Controller Phase 4 Q138 WRWSA Conservation - WirWSA Regional Irrigation System Audit Program Phase 1 Q197 Williston SW IMP - Flood Protection - John Henry Celebration Park Stormwater Improvements Q211 Bay Laurel CCDD WW09 Hernando Co Springs - Hernando Co. Septic to Sewer Weeki Wachee Area "A" Phase 1 Diects Ranked Medium Priority Q134 Citrus Co Springs - Citrus Co. Homosassa East Septic to Sewer		1A	131,250	131,250	0	
Proje		•	J -1		,	, , , , ,	
4	N926	Haines City	Restoration - Lake Eva & Lake Henry Restoration	Н	300,000	730,500	4,569,000
5	Q166	Bartow	Conservation - Bartow Golf Course Advanced Irrigation System	Н	0	250,000	0
6	Q178	Lakeland	Study - Crystal Lake Water Quality Improvement	Н	0	100,000	0
7	Q184	PRWC	Brackish - Polk Regional Water Cooperative Southeast Wellfield Implement	tation H	0	6,750,000	83,496,500
8	Q187	PRWC		Н	0	84,355	0
9	Q200	Winter Haven	Study - Winter Haven Direct Potable Reuse Feasibility	Н	0	100,000	0
10	Q203	Polk Co	Study - Lake Annie Surface Water Restoration	Н	0	134,000	0
11	Q209	Polk Co	Study - Polk Co. Direct Potable Reuse Feasibility and Pilot Demonstration	Н	0	795,000	0
12	Q216	PRWC	·	Н	0	4,950,000	48,094,150
13	W771	Polk Co	Study - Winter Haven - Lake Lulu Watershed Protection	Н	0	80,000	0
<u>Proje</u> 14			Study - Winter Haven/Inner Peace Creek Watershed Ontimization Model	М	0	225,000	150,000
15				M	0	250,000	1,750,000
16				M	0	75,000	195,000
10	Q IOI	T E Oldio T dino	·	Recommended for F	_	\$17,273,480	\$138,364,650
					_		
Nor	tharn Bac	nion		пеагиани	Region Total:	\$17,273,480	\$138,364,650
<u>Proje</u> 17			WMP - Chassahowitzka River Watershed Management Plan	1A	400,000	62,500	0
18			·	1A	100,000	50,000	0
19			, , , , , , , , , , , , , , , , , , , ,	1A	37,500	165,000	0
20	Q058	Marion Co		1A	106,250	106,250	0
21	Q075	Lake Co	Restoration - Pasture Reserve	1A	50,000	150,000	300,000
22	Q082	Wildwood	WMP - Wildwood Watershed Management Plan	1A	36,000	34,000	15,000
23	Q086	Dunnellon	WMP - Dunnellon Watershed Management Plan	1A	47,500	47,500	47,500
24	Q093	Citrus Co	WMP - Tsala Apopka WMP Alternative Analysis	1A	87,500	37,500	0
25	Q105	Citrus Co	Reclaimed - Citrus County Sugarmill Woods Golf Course Reuse	1A	459,000	1,375,000	0
Proje	ects Ranke	ed High Priority					
26	Q137	Citrus Co	Conservation - Citrus Co. Water Sense Irrigation Controller Phase 4	Н	0	30,000	0
27	Q138	WRWSA	Conservation - WRWSA Regional Irrigation System Audit Program Phase 6	6 H	0	60,600	0
28	Q167	Citrus Co	WMP - Red Level Watershed Management Plan	Н	0	100,000	150,000
29	Q193	Crystal River	Conservation - Crystal River Conservation Phase 1	Н	0	9,090	0
30	Q197	Williston	•	Н	0	300,000	422,250
31		CCDD		Н	0	48,750	0
32	WW09	Hernando Co	Springs - Hernando Co. Septic to Sewer Weeki Wachee Area "A" Phase 1	Н	0	495,000	1,980,000
<u>Proje</u> 33			Springs - Citrus Co. Homosassa East Septic to Sewer	М	250,000	3,500,000	0
				Recommended for F	_	\$6,571,190	\$2,914,750
			R				, _ , - · · , · • •
Proje	ects Ranke	ed Low and/or Not R			Ü	, , , , , , , , , , , , , , , , , , , ,	
<u>Proje</u> 34	ects Ranke Q155	ed Low and/or Not R Marion Co		N/R	0	2,911,250	0
			ecommended		-		0
34	Q155	Marion Co	ecommended Springs - Marion Co. Northwest WWTP AWT Expansion Hernando County Airport WWTP RIB Expansion	N/R	0	2,911,250	

				Rank	District Prior Funding	FY2021 Proposed District Funding	District Future Funding
	thern Reg	<u></u>					
roje 3	cts Ranke W639	d 1A Priority Bradenton Bch	SW IMP - Water Quality - Bradenton Beach BMPs Avenue B and C	1A	148,769	116,696	0
7	W641	Holmes Bch	SW IMP - Water Quality - Northern Holmes Beach BMPs - Basins 10 and 12	1A	128,894	128,894	0
		d High Priority	,,		.==,==	,	
}	Q139	North Port	Study - North Port Direct Potable Reuse Feasibility	Н	0	125,000	0
	Q141	Manatee Co	SW IMP - Flood Protection - Bowlees Creek Flood Mitigation	Н	0	139,852	139,853
	Q145	Longboat Key Club	Conservation - Longboat Key Club Advanced Irrigation System	Н	0	557,500	0
	Q148	Manatee Co	WMP - Cow Pen Slough Watershed	Н	0	135,000	135,000
	Q151	Manatee Co	WMP - South Manatee County Watersheds	Н	0	372,000	372,000
	Q159	Sarasota Co	DAR - Sarasota County Bee Ridge Water Reclamation Facility Aquifer Recharge	Н	0	1,090,662	0
	Q160	Sarasota Co	Reclaimed - Sarasota Co. Honore Ave Reclaimed Water Transmission	Н	0	500,000	1,000,000
	Q168	Manatee Co	Conservation - Manatee Co. Toilet Retrofit Phase 14	Н	0	82,500	0
	Q179	Venice	Conservation - Venice Toilet Rebate and Retrofit Phase 8	Н	0	23,900	0
	Q185	North Port	Conservation - North Port Water Distribution Hartsdale/Aldonin/Totem Area Looping	Н	0	207,500	0
	Q191	Manatee Co	WMP - North Manatee County Watersheds	Н	0	383,625	383,625
	Q202	PRMRWSA	Study - PRMRWSA Southern Regional Loop Phase 2B & 2C Feasibility and Routing	Н	0	150,000	50,000
	Q205	PRMRWSA	Study - PRMRWSA Phase 3C Integrated Loop Routing and Feasibility	Н	0	200,000	100,000
	Q212	PRMRWSA	Study - PRMRWSA Reservoir #3 Feasibility and Siting	Н	0	625,000	0
	Q214	Palmetto	Conservation - Palmetto Toilet Rebate Phase 2	Н	0	13,250	0
	W297	Manatee Co	Study - Pearce Drain/Gap Creek Water Quality Plan	Н	0	55,000	0
	W643	Anna Maria	SW IMP - Water Quality - Anna Maria BMPs Phase K	Н	0	300,000	0
	W644	Sarasota Co	Study - Sarasota County Groundwater Nutrient Evaluation	Н	0	150,000	0
oje	cts Ranke	d Medium Priority					
	Q050	Venice	ASR - City of Venice Reclaimed Water ASR	M	82,500	150,000	2,300,000
	Q157	Bradenton	SW IMP - Flood Protection - City of Bradenton Village of the Arts South Drainage Improvements from 13th Ave. W. to 17th Ave. W.	М	0	100,000	1,070,000
oje	cts Ranke	d Low and/or Not F		nended for I	Funding Total:	\$5,606,379	\$5,550,478
	Q208	Sarasota Co	Study - Sarasota Bay Septic to Sewer Water Quality Study	N/R	0	2,500,000	0
			Not Recomm	nended for l	Funding Total:	\$2,500,000	\$0
				Southern	Region Total:	\$8,106,379	\$5,550,478
		d 1A Priority	SW IMP - Flood Protection - Dale Mabry Henderson Trunkline - Upper Peninsula		Region Total:		
			SW IMP - Flood Protection - Dale Mabry Henderson Trunkline - Upper Peninsula Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater	Southern 1A 1A	_	\$8,106,379 3,250,000 7,758,107	0
	N748 N773	d 1A Priority Tampa Tampa	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements	1A 1A	15,000,000 9,500,000	3,250,000 7,758,107	0
	N748 N773 N904	d 1A Priority Tampa Tampa St. Petersburg	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan	1A 1A 1A	15,000,000 9,500,000 631,250	3,250,000 7,758,107 268,750	0
	N748 N773 N904 N965	d 1A Priority Tampa Tampa St. Petersburg TBW	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation	1A 1A 1A 1A	15,000,000 9,500,000 631,250 427,500	3,250,000 7,758,107 268,750 88,500	0
	N748 N773 N904 N965 N970	Tampa St. Petersburg TBW Pinellas Co	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan	1A 1A 1A 1A	15,000,000 9,500,000 631,250 427,500 225,000	3,250,000 7,758,107 268,750 88,500 150,000	\$5,550,478
	N748 N773 N904 N965	d 1A Priority Tampa Tampa St. Petersburg TBW	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan WMP - Cypress Creek WMP Update	1A 1A 1A 1A	15,000,000 9,500,000 631,250 427,500	3,250,000 7,758,107 268,750 88,500 150,000 252,000	0 0 0 0
	N748 N773 N904 N965 N970 N993	Tampa St. Petersburg TBW Pinellas Co Pasco Co	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan	1A 1A 1A 1A 1A	15,000,000 9,500,000 631,250 427,500 225,000 648,000	3,250,000 7,758,107 268,750 88,500 150,000	0 0 0
	N748 N773 N904 N965 N970 N993 N995	Tampa St. Petersburg TBW Pinellas Co Pasco Co Plant City	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan WMP - Cypress Creek WMP Update WMP - Plant City Watershed Management Plan AWS - TBW Regional Treatment Facility Pumping Expansion	1A	15,000,000 9,500,000 631,250 427,500 225,000 648,000 450,000 1,122,500	3,250,000 7,758,107 268,750 88,500 150,000 252,000 200,000 77,500	0 0 0 0 0
	N748 N773 N904 N965 N970 N993 N995 N998	Tampa St. Petersburg TBW Pinellas Co Pasco Co Plant City TBW Pinellas Co	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan WMP - Cypress Creek WMP Update WMP - Plant City Watershed Management Plan AWS - TBW Regional Treatment Facility Pumping Expansion WMP - Brooker Creek Watershed Management Plan	1A	15,000,000 9,500,000 631,250 427,500 225,000 648,000 450,000 1,122,500 300,000	3,250,000 7,758,107 268,750 88,500 150,000 252,000 200,000 77,500 150,000	0 0 0 0 0
	N748 N773 N904 N965 N970 N993 N995 N998 Q034 Q053	Tampa St. Petersburg TBW Pinellas Co Pasco Co Plant City TBW Pinellas Co Tarpon Springs	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan WMP - Cypress Creek WMP Update WMP - Plant City Watershed Management Plan AWS - TBW Regional Treatment Facility Pumping Expansion WMP - Brooker Creek Watershed Management Plan SW IMP - Flood Protection - Grosse Avenue Corridor Drainage Improvements	1A	15,000,000 9,500,000 631,250 427,500 225,000 648,000 450,000 1,122,500 300,000 901,500	3,250,000 7,758,107 268,750 88,500 150,000 252,000 200,000 77,500 150,000 466,900	0 0 0 0 0 0 0
	N748 N773 N904 N965 N970 N993 N995 N998 Q034 Q053 Q061	Tampa St. Petersburg TBW Pinellas Co Pasco Co Plant City TBW Pinellas Co Tarpon Springs TBW	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan WMP - Cypress Creek WMP Update WMP - Plant City Watershed Management Plan AWS - TBW Regional Treatment Facility Pumping Expansion WMP - Brooker Creek Watershed Management Plan SW IMP - Flood Protection - Grosse Avenue Corridor Drainage Improvements Study - TBW Regional Surface Water Treatment Plant Expansion Feasibility	1A 1	15,000,000 9,500,000 631,250 427,500 225,000 648,000 450,000 1,122,500 300,000 901,500 225,000	3,250,000 7,758,107 268,750 88,500 150,000 252,000 200,000 77,500 150,000 466,900 50,000	0 0 0 0 0 0 0
	N748 N773 N904 N965 N970 N993 N995 N998 Q034 Q053 Q061 Q063	Tampa St. Petersburg TBW Pinellas Co Pasco Co Plant City TBW Pinellas Co Tarpon Springs TBW TBW	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan WMP - Cypress Creek WMP Update WMP - Plant City Watershed Management Plan AWS - TBW Regional Treatment Facility Pumping Expansion WMP - Brooker Creek Watershed Management Plan SW IMP - Flood Protection - Grosse Avenue Corridor Drainage Improvements Study - TBW Regional Surface Water Treatment Plant Expansion Feasibility Study - TBW Desal Facility Expansion Feasibility	1A 1	15,000,000 9,500,000 631,250 427,500 225,000 648,000 450,000 1,122,500 300,000 901,500 225,000 550,000	3,250,000 7,758,107 268,750 88,500 150,000 252,000 200,000 77,500 150,000 466,900 50,000	0 0 0 0 0 0 0 0
	N748 N773 N904 N965 N970 N993 N995 N998 Q034 Q053 Q061 Q063 Q083	Tampa St. Petersburg TBW Pinellas Co Pasco Co Plant City TBW Pinellas Co Tarpon Springs TBW	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan WMP - Cypress Creek WMP Update WMP - Plant City Watershed Management Plan AWS - TBW Regional Treatment Facility Pumping Expansion WMP - Brooker Creek Watershed Management Plan SW IMP - Flood Protection - Grosse Avenue Corridor Drainage Improvements Study - TBW Regional Surface Water Treatment Plant Expansion Feasibility Study - TBW Desal Facility Expansion Feasibility WMP - Klosterman Bayou Watershed Management Plan	1A 1	15,000,000 9,500,000 631,250 427,500 225,000 648,000 450,000 1,122,500 300,000 901,500 225,000 550,000 100,000	3,250,000 7,758,107 268,750 88,500 150,000 252,000 200,000 77,500 150,000 466,900 50,000 950,000	0 0 0 0 0 0 0 0
	N748 N773 N904 N965 N970 N993 N995 N998 Q034 Q053 Q061 Q063 Q083 Q090	Tampa St. Petersburg TBW Pinellas Co Pasco Co Plant City TBW Pinellas Co Tarpon Springs TBW TBW TBW TBW Pinellas Co Selleair	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan WMP - Cypress Creek WMP Update WMP - Plant City Watershed Management Plan AWS - TBW Regional Treatment Facility Pumping Expansion WMP - Brooker Creek Watershed Management Plan SW IMP - Flood Protection - Grosse Avenue Corridor Drainage Improvements Study - TBW Regional Surface Water Treatment Plant Expansion Feasibility Study - TBW Desal Facility Expansion Feasibility WMP - Klosterman Bayou Watershed Management Plan Study - Belleair Brackish Feasibility and Testing	1A 1	15,000,000 9,500,000 631,250 427,500 225,000 648,000 450,000 1,122,500 300,000 901,500 225,000 550,000 100,000 705,340	3,250,000 7,758,107 268,750 88,500 150,000 252,000 200,000 77,500 150,000 466,900 50,000 50,000 176,335	0 0 0 0 0 0 0 0
	N748 N773 N904 N965 N970 N993 N995 N998 Q034 Q053 Q061 Q063 Q083	Tampa St. Petersburg TBW Pinellas Co Pasco Co Plant City TBW Pinellas Co Tarpon Springs TBW	Watershed Drainage Improvements SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements WMP - City of St. Petersburg Watershed Management Plan AWS - TBW Tampa Bypass Canal Gate Automation WMP - South Creek Watershed Management Plan WMP - Cypress Creek WMP Update WMP - Plant City Watershed Management Plan AWS - TBW Regional Treatment Facility Pumping Expansion WMP - Brooker Creek Watershed Management Plan SW IMP - Flood Protection - Grosse Avenue Corridor Drainage Improvements Study - TBW Regional Surface Water Treatment Plant Expansion Feasibility Study - TBW Desal Facility Expansion Feasibility WMP - Klosterman Bayou Watershed Management Plan	1A 1	15,000,000 9,500,000 631,250 427,500 225,000 648,000 450,000 1,122,500 300,000 901,500 225,000 550,000 100,000	3,250,000 7,758,107 268,750 88,500 150,000 252,000 200,000 77,500 150,000 466,900 50,000 950,000	0 0 0 0 0 0 0 0

D	ata Banka	ad Histo Daisaite		Rank	District Prior Funding	FY2021 Proposed District Funding	District Future Funding
76	N949	ed High Priority Tampa	SW IMP - Flood Protection - Southeast Seminole Heights Flood Relief	Н	500,000	3,500,000	7,750,000
77	Q125	Plant City	SW IMP - Water Quality - McIntosh Park Integrated Water Master Plan	Н	337,175	287,175	4,052,500
78	Q140	Tarpon Springs	Conservation - Tarpon Springs Toilet Rebate Phase 2	Н	0	10,000	0
79	Q142	Pinellas Co	ASR - Pinellas County Chesnut Park ASR and Aquifer Recharge	Н	0	893,500	3,706,500
80	Q146	TBW	AWS - Tampa Bay Water Southern Hillsborough Co. Booster Pump Station	Н	0	500,000	3,050,000
81	Q149	Pinellas Co	WMP - Coastal Zone 5 Watershed Management Plan	Н	0	75,000	212,500
82	Q156	Pasco Co	SW IMP - Flood Protection - Port Richey Northern Outfall Improvements	Н	0	1,150,000	0
83	Q158	Pasco Co	Reclaimed - Pasco Co. River Landing Reclaimed Water Transmission	Н	0	1,693,300	0
84	Q163	Seminole	Study - Seminole Stormwater Master Plan Update and Infrastructure Assessment	Н	0	125,000	125,000
85	Q169	Pasco Co	Study - Zephyr Creek Feasibility Study	Н	0	75,000	0
86	Q189	Pasco Co	Study - Tammy Lane/Timber Lake Estates Feasibility Study	Н	0	75,000	0
87	Q190	Tampa	SW IMP - Flood Protection - Lower Peninsula Stormwater Improvements - Southeast Region	Н	0	35,000	12,500,000
88	Q210	Pasco Co	SW IMP - Flood Protection - Griffin Park Flood Abatement	Н	0	195,000	705,000
89	Q213	Hillsborough Co	Hillsborough County SCADA System	Н	0	200,000	700,000
90	Q215	TBW	Tampa Bay Water Demand Management Program Phase 2	Н	0	1,432,238	0
91	W024	TBEP	FY2021 Tampa Bay Environmental Restoration Fund	Н	0	350,000	0
92	W211	Pinellas Co	Restoration - Weedon Island Tidal Marsh	Н	0	56,268	412,632
93	W220	Redington Bch	SW IMP - Water Quality - Town of Redington Beach Stormwater Retrofits	Н	0	75,000	0
		ed Medium Priority					
94	Q132	Hillsborough Co	WMP - Countywide Floodway Update and Re-delineation	M	0	500,000	0
95	Q171	Pinellas Co	Study - McKay Creek Model Update, Alternatives Analysis and Feasibility Study	M	0	130,000	130,000
96	Q175	Belleair	Study - Bluff Restoration and Erosion Abatement	M	0	135,000	0
97	Q196	Pinellas Co	Study - Joe's Creek Model Update, Alternatives Analysis and Feasibility Study	М	0	180,000	180,000
98	Q199	Pinellas Co	WMP - Starkey Road WMP Update	M	0	75,000	175,000
99	W299	Pinellas Co	SW IMP - Water Quality - Ibis Stormwater Pond Retrofit	М	0	145,000	0
Droi	oto Bank	ed Low and/or Not R		nended for I	Funding Total:	\$26,175,573	\$33,864,132
100	N901	Pasco Co	SW IMP - Flood Protection - Port Richey Alternative Outfall	L	625,000	750,000	250,000
			Not Recomm	nended for I	Funding Total:	\$750,000	\$250,000
				Tampa Bay	Region Total:	\$26,925,573	\$34,114,132
			Districtwide Recomm	nended for l	Funding Total:	\$55,626,622	\$180,694,010
			Districtwide Not Recomm	nended for l	Funding Total:	\$10,061,250	\$250,000
				Dist	rictwide Total:	\$65,687,872	\$180,944,010

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Heartland Region

FY2021 Cooperative Funding Initiative Final Project

Evaluations and Rankings



Project No. N898	Reclaimed – Haines City Reclaimed Water Tank and Pump Stations Project							
Haines City					FY2021			
Risk Level:	Type 2		Multi-Year	Contract:				
			Yes, Year 4	l of 4				
	<u>Description</u>							
Description:	Design, pe	esign, permitting and construction of a transfer pump station, a storage tank, a high service						
			station, associated yard pip	_				
			, and other necessary app		-			
		laimed water to ater Initiative (C	o existing and future custo CFWI).	mers in the "Ridge Lakes'	' area of the Central			
Measurable Benefit:	The contra	actual Measura	ble Benefit will be the des	ign, permitting, and constr	ruction of equipment			
		-	store and supply reclaim	_				
	_		of the Central Florida Wate	r Initiative (CFWI). Constr	ruction will be done			
			ermitted plans.					
Costs:			0,000 (Design, Third-Party	Review, Permitting and C	construction);			
		ty (25% REDI):	\$2,180,000; \$2,985,000 budgeted in pi	rovious voors, and the fine	al year funding of			
		requested in F		evious years, and the line	ar year furfuling of			
	1,000,000	requested in r	Evaluation					
Application Quality:	High	Application in	cluded all of the required in	nformation identified in the	e CFI guidelines.			
Project Benefit:			ill be the improvement of r		-			
			ter system expansions.		,			
Cost Effectiveness:	Medium		osts are 1% over the typica	al range of costs for infras	tructure in similar			
		District funde	d reclaimed water storage	and pumping projects.				
Past Performance:	Medium		in assessment of the sche					
Complementary Efforts:	High	-	or has a program in place	_				
			rate structure for high volu					
Project Readiness:	∐iah		licies which maximize utiliz oing and on schedule.	zation and environmental	penetits.			
Project Neadiness.	riigii	Troject is ong	Strategic Goals					
Strategic Goals:	High	Stratogic Init	tiative - Reclaimed Water	: Mavimize beneficial use	of reclaimed			
on atogre course	1 11911	_	ce demand on traditional		or recialified			
			egion Priority: Implement		tion Area (SWUCA)			
		Recovery Str			,			
			egion Priority: Improve W		es and Ridge Lakes			
			Ranking and Recommer					
Fund as 1A Priority.	•	• • •	ecommended for funding a	•	-			
			d water system expansion		_			
			review in January 2019, a nes City. Haines City qual					
			ries City. Haines City quar Florida Statute. Under the					
			d can reduce the requirem	•	· ·			
	communiti	·-						
			Funding					
Funding Source	P	rior	FY2021	Future	Total			
District		\$2,985,000	\$1,635,000	\$0	\$4,620,000			
Haines City		\$1,315,000	\$865,000					
Total		\$4,300,000	\$2,500,000	\$0	\$6,800,000			

Project No. Q067	Reclaimed – Pol	k Count	y NERUSA Southeast Reus	e Loop Project				
Polk County				·	FY2021			
Risk Level:	Type 2		Multi-Year C	ontract:				
			Yes, Year 2 o	of 3				
		Description						
Description:	Design, permitti	ign, permitting and construction of approximately 24,800 feet of reclaimed water						
			other necessary appurtenan					
	• • •		nes in the Southeast reuse p		Utility Service Area			
			e supply to future planned su					
Measurable Benefit:			able Benefit will be the suppl					
	Florida Water In	•	ation use for an anticipated (0.522 mgd of water savir	ngs in the Central			
Costs:			3,500 (Design, Permitting, C	onstruction):				
000.01	Polk County: \$2			onou douony,				
	•		n \$1,093,375 budgeted in pre	evious years, \$983,375 r	equested in			
	FY2021, and the	e remain	ing \$110,000 is anticipated t	o be requested in future	years.			
			Evaluation					
Application Quality:	High Appl	ication ir	cluded all of the required inf	ormation identified in the	e CFI guidelines.			
Project Benefit:			s the supply of 0.522 mgd of		_			
			r an anticipated 0.522 mgd o					
Cost Effectiveness:	•		lon per day capital cost whic					
			e supplies. The estimated co		,			
			urce benefit which is within t e from a low of \$0.15/1,000	•				
		-	gallons for residential projec	-	rojecis up io			
Past Performance:			an assessment of the schedu		ongoing projects.			
Complementary Efforts:			tor has a program in place th					
, , , , , , , , , , , , , , , , , , , ,	-	-	rate structure for high volum	_				
	expa	nsion po	olicies which maximize utiliza	tion and environmental l	penefits.			
Project Readiness:	High Proje	ect is on	going and on schedule.					
			Strategic Goals					
Strategic Goals:	High Stra	tegic Ini	tiative - Reclaimed Water: N	Maximize beneficial use	of reclaimed			
			uce demand on traditional wa					
			egion Priority: Implement S	outhern Water Use Caut	ion Area (SWUCA)			
		overy St	••	tor Hoven Chair aft also	o and Didgo Lakes			
	Hea		egion Priority: Improve Win Il Ranking and Recommend		s and Ridge Lakes			
Fund as 1A Priority.	This opgoing or		ecommended for funding as		aditional sources in			
. and do in the fiolity.	the SWUCA and	•	•		aanaanan oodi ood iii			
			Funding					
Funding Source	Prior		FY2021	Future	Total			
District	\$1,	093,375	\$983,375	\$110,000	\$2,186,750			
Polk County	\$1,	093,375	\$983,375	\$110,000	\$2,186,750			
Total	\$2,	186,750	\$1,966,750	\$220,000	\$4,373,500			

Project No. Q099	WMP - Seb	ring WMP Upo	date		
Highlands County					FY2021
Risk Level:	Type 4		Multi-Year (Contract:	
			Yes, Year 2	of 2	
			Description		
Description:	Complete	a Watershed N	lanagement Plan (WMP) u	pdate for the Sebring wa	tershed in Highlands
	-	-	ned Evaluation, floodplain a	<u> </u>	
	, ,	•	ment Practices (BMPs) alte	•	•
		-	in the Sebring Country Esta	_	_
			Sebring Falls areas. FY20 through BMP alternatives a		o complete the
Measurable Benefit:			ble Benefit will be the upda		n develon hetter
			d complete the LOS and Bl	_	o develop better
Costs:		ct cost: \$350,0		··· -···, -···	
			REDI): \$87,500		
	District: \$2	62,500 with \$	131,250 budgeted in FY202	0 and \$131,250 request	ed in FY2021.
			Evaluation		
Application Quality:			cluded all the required infor		
Project Benefit:	High		evaluate flooding problem		-
		-	els are available and are ov		
		-	moderate changes since las	_	_
			te stormwater systems. The tersheds for WMP updates		ie of the District's top
Cost Effectiveness:	Hiah		er square mile is below the		sts (\$15.000 / sa mi
	9	•	MP updates completed in n	_	(+
Past Performance:	Medium		an assessment of the sched		ongoing project.
Complementary Efforts:	Medium	Cooperator's	Community Rating System	class is 8 and is in the 6	to 9 range.
Project Readiness:	High	Project is ong	oing and on schedule.		
			Strategic Goals		
Strategic Goals:	High	Strategic Ini	tiative - Floodplain Manag	ement: Collect and analy	ze data to
			cal and regional floodplain i	•	ion status and trends
			odplain management decis		
			egion Priority: Improve Wir		es and Ridge Lakes
Frank 44 D : "			Ranking and Recommen		
Fund as 1A Priority.			ates flood risk in an area w		
	-		Il utilize and update existing		
	-		tion, and BMP alternative a vatersheds for WMP update	-	
			mmunity as defined by Flor	-	
			quirements for matching fur		-
			Funding		
Funding Source	Pı	ior	FY2021	Future	Total
Highlands County		\$43,750	\$43,750	\$0	\$87,500
District		\$131,250	\$131,250	\$0	
Total		\$175,000	\$175,000	\$0	\$350,000

Haines City					FY2021			
Risk Level:	Type 3		Multi-Year Co	ntract:				
			Yes, Year 2 of	3				
			Description					
Description:		-		nd Lake Henry restoration ba				
		•	, ,	y Study) to connect Lake Eva				
	-	-		d in FY2018 for 30% design a	• •			
		-		al design and bidding docum				
		•		mate is greater than \$5 million and 30% design (currently on				
	third-party		s required to proceed beyo	nd 50 % design (currently on	going) and			
Measurable Benefit:			Benefit will be the restora	tion and enhancement of ap	proximately			
				st, and sloughs within the M				
			e done in accordance with	_				
Costs:	Total conce	eptual project cos	t: \$7,466,000 (design, third	d-party review, permitting, ar	nd			
	construction	,						
			gible REDI Community)					
			- ·	ıs years, \$730,500 requeste	d in FY2021,			
	and \$4,569	9,000 anticipated	to be requested in future y	ears.				
Annila etian Onelita	Llimb	Application in alua	Evaluation	ation identified in the CELC.	idalinaa			
Application Quality:			•	ation identified in the CFI Gu				
Project Benefit:	High		s project, if constructed, w rithin the region, and impro	ill restore regional water bod	lies, optimize			
Cost Effectiveness:	High			•	orical average			
COST Effectiveness.	riigii	igh The estimated cost/acre of natural systems restoration is below the historical average of \$53,326/acre.						
Past Performance:	Medium		ssessment of the schedule	e and budget for the 2 ongoi	ng projects.			
Complementary Efforts:	High	The cooperator h	nas an active stormwater u	tility that collects assessmen	nts and			
		instituted a Lakes	s Management Initiative.					
Project Readiness:	High	Project is ongoing	g and on schedule.					
			Strategic Goals					
Strategic Goals:	High	_	_	enance and Improvement: D	•			
			programs, projects and reg	ulations to maintain and imp	rove water			
		quality.	ive. Consequetion and De	esteration, Destaration and				
		-		estoration: Restoration and benefit of water and water-re	alated			
		resources.	natural ecosystem for the i	Deficilt of Water and Water-re	ialeu			
			on Priority: Improve Winte	r Haven Chain of Lakes and	Ridge Lakes			
			anking and Recommenda					
Fund as High Priority.	30% desig			completed by September 20)20.			
, ,	_		•	roval to proceed beyond this				
	Anticipatin	g favorable inform	nation from the third-party i	review, and with the understa	anding that the			
	Governing	Board will need to	o provide approval to proc	eed, staff is recommending l	FY2021 funding			
			· · · · · · · · · · · · · · · · · · ·	oject will restore regional wa				
				water quality. Haines City of				
				lorida Statute. Under District				
	13U-4, the	Doard can reduce	e the requirements for mate Funding	ching funds for REDI commu	unides.			
Funding Source	D.	ior	FY2021	Futuro	Total*			
Funding Source Haines City	Pi	\$100,000	\$243,500	Future \$1,523,000	\$1,866,500			
District		\$300,000	\$730,500	\$4,569,000	\$1,866,500			
		\$400,000	\$974,000	\$6,092,000	\$7,466,000			
Total	<u> </u>	ψ-του,ουσ	φυι 4,000	Ψ0,002,000	Ψ1,+00,000			

Restoration - Lake Eva & Lake Henry Restoration

Project No. N926

Project No. Q166	Conservat	ion – Bartow (Golf Course Advanced Irri	gation System	
Bartow					FY2021
Risk Level:	Type 2		Multi-Year	Contract: No	
			Description		
Description:	Installation	n of an advanc	ed irrigation system includi	ng high efficiency spray h	eads with remote
·	communic	ation and cent	ralized weather-based con	trol for the city-owned Bar	tow Golf Course.
	_	-	sion irrigation will result in a	a reduction of irrigated ac	eage and better
			irrigation events.		
Measurable Benefit:			able Benefit is the installation		•
		•	to reduce groundwater with		
	`	UCA). In additi	on, the completion of a fina	al report documenting pre	and post water
Costs	usage.	ect cost: \$500,0	200		
Costs.		rtow: \$250,000			
	District: \$2		,		
	2.00.100.0		Evaluation		
Application Quality:	Medium	Application in	cluded most of the required	d information identified in	the CFI guidelines.
		District PM/C	M had to work with coopera	ator to obtain remaining re	equired information.
Project Benefit:	High	The benefit o	f this project is an estimate	d 50,700 gallons per day	of water conserved in
		the SWUCA.			
Cost Effectiveness:	Ů		effectiveness is below \$3.00		
Past Performance:	High		cooperator having no ongo	oing projects with the Dist	rict they are ranked
O	Llimb	high.	source is attempting to only	anno water was officiones	with this project
Complementary Efforts:	High		course is attempting to enh the City is considering adop	-	
			prove water use efficiency		ai based ordinance
Project Readiness:	High		dy to begin on or before De		
	J	,	Strategic Goals	•	
Strategic Goals:	High	Strategic Ini	tiative - Conservation: En	hance efficiencies in all wa	ater-use sectors to
		ensure bene			
		Heartland R	egion Priority: Implement	Southern Water Use Caut	ion Area (SWUCA)
		Recovery St	rategy.		, ,
			I Ranking and Recommer		
Fund as High Priority.	Project wi	II conserve pot	able water in the SWUCA,	and is cost effective.	
			Funding		
Funding Source	P	rior	FY2021	Future	Total
District		\$0			\$250,000
Bartow	ļ	\$0	\$250,000		\$250,000
Total		\$0	\$500,000	\$0	\$500,000

Project No. Q178	Study – Cr	tudy – Crystal Lake Water Quality Improvement						
City of Lakeland							FY2021	
Risk Level:	Type 3			Multi-Year C	Contract: No			
			Descri	ption				
Description:	quality in (percent of the phosp	easibility study to evaluate nutrient reduction sediment treatment options to improve water uality in Crystal Lake. A previous study showed that sediment cycling contributes over 90 ercent of the phosphorus load to the lake. The feasibility study will evaluate options to reduce e phosporus flux from the sediments to improve water quality. The study will include at least ne additional lake to expand the study for application to other lakes.						
Measurable Benefit:			-		oletion of the study.			
Costs:		ect Cost: \$200,0 (eland: \$100,00 (00,000						
			Evalua	ation				
Application Quality:	High	Application inc	luded all the	required infor	mation identified in the C	CFI Guidelines.		
Project Benefit:	High	The Resource water quality ir		• •	e feasibility study to iden	tify cost effective		
Cost Effectiveness:	High	The cost effect	tiveness for th	nis study is co	omparable to past project	ts.		
Past Performance:	High				ule and budget for the 1	ongoing project.		
Complementary Efforts:	High	Applicant has	an active stor	mwater utility	that collects fees.			
Project Readiness:	Medium	Project is read	y to begin on	or before Ma	rch 1, 2021.			
			Strategio	Goals				
Strategic Goals:	Medium	analyze data t	o determine	local and regi	essment and Planning: onal water quality status s and restoration initiative	and trends to		
		Overall	Ranking and	l Recommen	dation			
Fund as High Priority.	This feasibility study will evaluate water quality improvement alternatives to achieve nutrient load reductions for Crystal Lake and will provide data that can be applied to other lakes in the Peace River watershed. The Governor's Executive Order 19 -12 instructs the five water management districts to prioritize funding to focus on projects that will address harmful algal blooms and maximize nutrient reductions. This project is consistent with that directive and the project ranking was elevated to high.							
			Fund					
Funding Source	P	rior	FY20		Future	Total	A100	
District		\$0		\$100,000	\$0		\$100,000	
City of Lakeland		\$0 ©0		\$100,000	\$0		\$100,000	
Total		\$0		\$200,000	\$0	1	\$200,000	

Project No. Q184	Brackish – Polk Regional Water Cooperative Southeast Wellfield Implementation								
PRWC					FY2021				
Risk Level:	Type 2		Multi-Year	Contract:					
			Yes, Year 1	of 7					
	_	Description							
Description:	This fundir	This funding request is for the final design, permitting, and construction of the Southeast							
		Wellfield Water Treatment Facility. Project components include a reverse osmosis facility and							
		rackish water wellfield located east of Lake Wales. The request includes the first two onstruction phases of the Southeast Wellfield projects with planned completion in 2023 and							
		•	· · ·	· · · · · · · · · · · · · · · · · · ·					
			oroject will provide alternati Cooperative, which will be		_				
			on project (Q216), and bui						
		ded under pro		ao apon ino conceptadi di	na prominary				
Measurable Benefit:			able Benefit will be an alter	native supply project provi	iding 12.5 mgd for				
			artners to reduce stress on						
Costs:			cost: \$180,493,000 (final o	lesign, permitting, and cor	nstruction)				
	PRWC: \$9		. 40.750.000	E)/000/					
			h \$6,750,000 requested in	FY2021 and \$83,496,500	anticipated to be				
	requesteu	in future years	Evaluation						
Application Quality:	Medium	Application in	icluded most of the require	d information identified in	the CFI guidelines.				
7 ipplication Quality			M had to work with cooper		_				
Project Benefit:	High		esource benefit expected fr						
			to reduce stress on the Up						
Cost Effectiveness:	Medium		ctiveness for the Southeas		-				
		-	1 2 are medium based on s						
		design costs. The capital cost per daily gallons capacity developed is \$14.44, which is within the medium effectiveness range of \$10 to \$15.							
Past Performance:	High		an assessment of the sche) ongoing projects				
Complementary Efforts:	_		provide wholesale alternate						
,	3	Members.	'	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 5				
Project Readiness:	High	Project is rea	dy to begin on or before D	ecember 1, 2020.					
			Strategic Goals						
Strategic Goals:	High		tiative - Alternative Water						
			ources of water to ensure o		-				
			egion Priority: Implement	Southern Water Use Caut	ion Area (SWUCA)				
		Recovery St	rategy. Il Ranking and Recommer	ndation					
Fund as High Priority.	The South		Water Treatment Facility F		ticipated total cost				
j			,750,000 requested for FY		•				
			e 1 project (Q216) will be r	_					
	region and	l has an antici _l	pated total cost of \$106,08	8,300 with \$4,950,000 req	uested for FY2021.				
		-	f the preliminary design will						
		•	PRWC will need Governin						
			ew. Anticipating favorable in	•	-				
		-	he Governing Board will ne ding for design.	eu to provide approval to	proceeu, stair				
	TOSOMINICI	S I I ZUZ I IUII	Funding						
Funding Source	Pı	ior	FY2021	Future	Total *				
District		\$0			\$90,246,500				
PRWC		\$0			\$90,246,500				
Total		\$0			\$180,493,000				

^{*}Conceptual cost estimate, subject to Governing Board Approval

Project No. Q187	Conservati	on – Polk Reg	jional Water Coop	erative Dema	and Management		
PRWC	Implementa	ation					FY2021
Risk Level:	Type 1		Mu	lti-Year Cont	ract: No		
			Description	า			
Description:	Polk Regio toilet/urinal evapotrans including: I lack of pro- promotion, co-funded implements	This project will make available financial incentives and services to utility customers within the Polk Regional Water Cooperative (PRWC) service areas for four conservation activities including: toilet/urinal rebates, irrigation evaluations, enhanced conservation kits, and watersense labeled evapotranspiration (ET) irrigation controllers. Previously co-funded conservation projects including: P920, P921, N948, and N971, have generally had low participation thus far due to a lack of program administration and outreach funding. This funding request includes program promotion, public outreach, and administrative costs to ensure the success of the prior co-funded projects (total of 2,099 implementations) as well as this project (total of 815 implementations). Should actual costs be less than anticipated, the Cooperator may perform more rebates and services as the availability of funds allow. PRWC member governments are					
			to implement and	-			
Measurable Benefit:	completion	of a final repo	ort.	the implemer	ntation of the progran	n and the	
Costs:	Total proje PRWC: \$8 District: \$8						
			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:	·	(gpd) in the S water savings amounts to 14	WUCA and CFWI. s associated with p 47,135 gpd.	Additionally, reviously co-f	of approximately 23, there is increased ca funded conservation as is \$3.06 per thous	apability to achieve projects which	•
Cost Effectiveness:	Ü	saved, which combined with program is hig	results in a mediu h previously co-fur gh (\$1.50 per kgal)	n ranking (be ded projects,	tween \$3.00 and \$6. cost effectiveness o	.00 per kgal). Wher	
Past Performance:	High				and budget for the 10	<u> </u>	
Complementary Efforts:	High	governments.		•	conservation amongs	st its member	
Project Readiness:	Medium	Project is read	dy to begin on or b	efore March	1, 2021.		
Strategic Goals:	High	Strategic Goals Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to ensure beneficial use. Heartland Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.					
			I Ranking and Red				
Fund as High Priority.	Project will conserve potable water supply in the SWUCA and CFWI and is cost effective. This project will allow uninterrupted implementation of PRWC's Demand Management Plan (co-funded project Q023). Funding						
Funding Source	Pr	ior	FY2021		Future	Total	
PRWC		\$0		\$84,355	\$0		\$84,355
District		\$0		\$84,355	\$0		\$84,355
Total		\$0		168,710	\$0		\$168,710

Project No. Q200	Study – Wi	nter Haven Di	rect Potable F	Reuse Feasibili	ity				
Winter Haven						FY2021			
Risk Level:	Type 2			Multi-Year Co	ntract: No				
	Description								
Description:	A direct po	A direct potable reuse (DPR) feasibility study to provide information on the potential future							
	developme	nt of a DPR p	roject for new	potable water s	supply. The project will include data				
	collection a	lection and laboratory services necessary to determine the quantity and quality of water							
				_	gulated, unregulated and emerging				
		-		-	aluation and costing of available advar	nced			
			or reclaimed w						
Measurable Benefit:					ompletion of a feasibility study to deter				
	-			-	I costing of treating reclaimed water fo	or			
					Water Initiative (CFWI) area.				
Costs:			000 (Feasibility	/);					
		ren: \$100,000	, µuested in FY2	0021					
	District. ϕ i	00,000, all rec	Evalua						
Application Quality:	Medium	Application in			nformation identified in the CFI guideli	nes			
Application Quality.	Wediam			•	or to obtain remaining required informa				
Project Benefit:	High				y study to determine the quantity and				
				-	ing of treating reclaimed water for new	1			
		potable water supplies.							
Cost Effectiveness:	High	The costs are	consistent wi	th the range of	costs for similarly funded District recla	nimed			
		recharge and	indirect potab	le reuse studies	s.				
Past Performance:	Medium	Based upon a	an assessmen	t of the schedul	e and budget for the 5 ongoing projec	ts.			
Complementary Efforts:	High	-		-	at includes metering and an incentivize	ed			
				-	users, and has proactive reclaimed				
					on and environmental benefits.				
Project Readiness:	High	The project is			December 1, 2020.				
	ı		Strategio						
Strategic Goals:	High	_			upplies: Increase development of				
				_	undwater and surface water sustainab	oility.			
		_			aximize beneficial use of reclaimed				
				n traditional wat		ICA)			
		Recovery St	-	. impiement 50	uthern Water Use Caution Area (SWL	JCA)			
		•	• • • • • • • • • • • • • • • • • • • •	· Improve Winte	er Haven Chain of Lakes and Ridge La	akes			
				Recommenda		anoo			
Fund as High Priority.	The proied				vide valuable information necessary fo	or the			
,				•	n. Future full scale potable reuse proje				
	will be considered AWS and must meet the Governing Board's Cooperative Funding Initiative								
	Policy which supports multi-jurisdictional development of alternative water supplies.								
			Fund						
Funding Source	Pr	ior	FY20	21	Future Tota	al			
District		\$0		\$100,000	\$0	\$100,000			
Winter Haven		\$0		\$100,000	\$0	\$100,000			
Total		\$0		\$200,000	\$0	\$200,000			

Project No. Q203	Study – La	ke Annie Surfac	e Water Restoration						
Polk County					FY2021				
Risk Level:	Type 3		Multi-Year Co	ontract: No					
		Description							
Description:	A feasibilit	A feasibility study investigating the diversion of water from the Peace Creek Canal to a series of							
		reviously excavated areas for wetland habitat restoration and water quality improvement for							
Manager III Danielle			Il quantify benefits and dev						
			le Benefit will be the compl	etion of the study.					
Costs:	-	ect Cost: \$268,00 ty: \$134,000	UU (Study)						
	District: \$1	•							
	Σ.σισ ψ		Evaluation						
Application Quality:	High	Application incl	uded all the required inform	nation identified in the C	FI Guidelines.				
Project Benefit:	High	The Resource	Benefit of the project is the	feasibility study investig	gating wetland habitat				
			water quality improvement						
Cost Effectiveness:			veness for this study is cor	· · · · ·					
Past Performance:	<u> </u>		assessment of the schedu		0 0. ,				
Complementary Efforts:	High		n Environmentally Sensitiv		•				
			tains "nature parks" and "op	•	ner complementary				
Duniont Dondings	l li ada		serve or restore natural sys						
Project Readiness:	підп	The project is i	eady to begin on or before Strategic Goals	December 1, 2020.					
Strategic Goals:	High	Strategic Initis	ative - Water Quality Asses	sement and Planning:	Collect and				
Otrategie cours.	riigii	_	o determine local and regio	_					
			ce management decisions	• •					
			ative - Conservation and R						
		maintenance o	of natural ecosystem for the	benefit of water and wa	ater-related				
		resources.							
			Ranking and Recommenda						
Fund as High Priority.			e feasibility of diverting wate		•				
			and natural systems. This	• •					
	_	Regional Water Cooperative and their Peace Creek Canal Integrated Water Supply Plan (N928) to ensure the projects do not overlap.							
	to ensure	uie projects ao r	not overlap. Funding						
Funding Source	D	rior	FY2021	Future	Total				
Polk County		\$0	\$134,000	\$0					
District		\$0	\$134,000	\$0	\$134,000				
Total		\$0	\$268,000	\$0					
10141		, -	7=22,000	· · ·					

Project No. Q209	Study-Polk	Study-Polk Co. Direct Potable Reuse Feasibility and Pilot Demonstration Project							
Polk County				•			FY2021		
Risk Level:	Type 2		Mult	-Year Contract: N	No				
		Description							
Description:	Polk Count project will demonstra	ry to test the d include data d tion testing inv	PR) feasibility study evelopment of a futu collection, laboratory volving a field scale i one year of educatio	re DPR project fo services, design, nvestigation of the	or new potable permitting, co	water supply. The			
Measurable Benefit:	scale 29,00 Initiative (C	00 gpd DPR tr CFWI) area.		ional/testing facili	•	r study and pilot entral Florida Water			
Costs:	Polk Count	ty: \$795,000;	0,000 (Feasibility and						
			Evaluation						
Application Quality:	Medium		cluded most of the r M had to work with o	-		-			
Project Benefit:	High	gpd pilot facili	enefit is the complet ity to evaluate poten ter for potable water	tial technologies t	-	struction of a 29,000 Polk County			
Cost Effectiveness:	High	co-funded by	consistent with the other Districts.	_	•				
Past Performance:	High		an assessment of the						
Complementary Efforts:	High	based reuse i	tor has a program in rate structure for hig licies which maximiz	n volume users, a	nd has proacti	ve reclaimed			
Project Readiness:	High		dy to begin on or be						
			Strategic Goa	s					
Strategic Goals:	High	alternative so Strategic Ini water to redu	tiative - Alternative ources of water to er tiative - Reclaimed ace demand on tradi	sure groundwate Water : Maximize ional water suppl	r and surface v beneficial use	vater sustainability.			
			I Ranking and Reco						
Fund as High Priority.	The project is recommended for funding as it will provide valuable data and educational opportunities to further the exploration of direct potable reuse as a future water supply. Future full scale potable reuse projects will be considered AWS and must meet the Governing Board's Cooperative Funding Initiative Policy which supports multi-jurisdictional development of alternative water supplies.								
- 11 -			Funding	_					
Funding Source	Pr	ior	FY2021		ıture	Total	705.000		
District		\$0		95,000	\$0	·	795,000		
Polk County		\$0		95,000	\$0 \$0	·	795,000		
Total		\$0	\$1,59	0,000	\$0	1 \$1,	590,000		

Project No. Q216	Interconnects – Polk Regional Water Cooperative Regional Transmission Southeast								
PRWC	Phase 1				FY2021				
Risk Level:	Type 2		Multi-Year	Contract:					
			Yes, Year	1 of 3					
			Description						
Description:	This fundir	ng request is for	the final design, permitt	ing, and construction of the	Southeast				
	Wellfield F	Wellfield Regional Transmission System, Phase 1. Project components include approximately							
		3 miles of pipeline extending from the Southeast Wellfield Water Treatment Facility located							
				the US-27 corridor. A futu					
				This project will deliver alte					
				operative, which will be de					
				nentation Project (Q184), a	na bullas upon the				
Mossurable Renefit:			y design funded under p	roject เหยบร. nstruction of a regional tran	omission system				
Wiedsurable Delient.				supplies and allowing futur					
	-	-	_	and supporting water supp					
	SWUCA.	rogional roccan	oo managomoni onono,	and supporting water supp	ny godio maini aro				
Costs:		ceptual Project C	Cost: \$106,088,300 (fina	l design, permitting, and co	enstruction)				
	PRWC: \$5	3,044,150	·		,				
	District: \$5	3,044,150 with	\$4,950,000 requested ir	FY2021 and \$48,094,150	anticipated to be				
	requested	in future years.							
		I	Evaluation						
Application Quality:	Medium								
Duniont Donofite	Lligh			rator to obtain remaining re					
Project Benefit:	піgп			rom the transmission of re oper Floridan aquifer, lakes	-				
Cost Effectiveness:	Medium			n range of typical regional t					
	Modium			omponent costs by pipe dia					
			struction methods.	, ,,,	,				
Past Performance:	High	Based upon an	assessment of the sch	edule and budget for the 10	ongoing projects.				
Complementary Efforts:	High	Applicant will p	rovide wholesale alterna	tive water supplies to parti	cipating PRWC				
		Members.							
Project Readiness:	High	Project is ready	/ to begin on or before D	ecember 1, 2020.					
		ı	Strategic Goals						
Strategic Goals:	High			r Supplies: Increase devel					
				groundwater and surface v					
		_		Southern Water Use Caut	ion Area (SWUCA)				
		Recovery Stra	tegy. Ranking and Recomme	ndation					
Fund as High Priority.	The Regio		_	ase 1 project has an antici	pated total cost of				
g	_		•	21. The related Southeast					
			•	vide water to the transmiss					
	has a anti	cipated total cos	t of \$180,493,000 with \$	6,750,000 requested in FY	2021. The				
		•		formed under project N905	-				
		Contractually, the PRWC will need Governing Board approval to proceed with this project after							
		-		nation from the third-party i					
		ding that the Go nd FY2021 fundi	_	to provide approval to prod	eeu, stall				
	reconnine	IG I IZUZ I IUIIUI	Funding						
Funding Source	D	rior	FY2021	Future	Total *				
District		\$0	\$4,950,00		\$53,044,150				
PRWC		\$0 \$0	\$4,950,00		\$53,044,150				
Total		\$0	\$9,900,00		\$106,088,300				
*Concentual cost estimate s	1			, , , , , , , , , , , , , , , , , , , ,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				

 $^{^{\}star}\text{Conceptual}$ cost estimate, subject to Governing Board Approval

Project No. W771	Study – Wi	nter Haven –	Lake Lulu Watershe	Protection				
Polk County						FY2021		
Risk Level:	Type 3		Multi	Year Contract: No				
		Description						
Description:	A feasibilit	A feasibility study to identify opportunities to improve water quality, provide flood protection, and						
	and restor	e natural syste	ms in the Lake Lulu	atershed, which is one o	f the Winter Haven Chair	1		
		Lakes, a SWIM priority water body.						
				completion of the study.				
Costs:		ct cost: \$160,0	000 (Study)					
		ty: \$80,000						
	District: \$8	30,000	Fredrick on					
	8.4 II	A	Evaluation		and in the OFL Opidalines			
Application Quality:	Medium	1 ''		quired information identifi rator to obtain remaining	ed in the CFI Guidelines.			
Project Benefit:	High			t is the assessment of op				
i Toject Delleitt.	i ligii			Chain of Lakes, a SWIM	•			
				ction, and natural systems	-			
		enhancemen	• •	,				
Cost Effectiveness:	High	The cost effe	ctiveness for this stud	y is comparable to past p	rojects.			
Past Performance:	High	Based upon a	an assessment of the	schedule and budget for	the 7 ongoing projects.			
Complementary Efforts:	High	Applicant has	an Environmentally	Sensitive Land Purchase	Program, Adopt a Road			
		Program, mai	ntains "nature parks'	and "open space", and h	as other complementary			
			eserve or restore nat	•				
Project Readiness:	High	This project is	ready to begin on o	before December 1, 202	0.			
			Strategic Goals					
Strategic Goals:	High			Assessment and Plant				
				d regional water quality s				
				cisions and restoration in				
			<u> </u>		f Lakes and Ridge Lakes			
			I Ranking and Reco					
Fund as High Priority.			•	fy opportunites to improv				
	protection and natural systems within the Lake Lulu watershed, which is one of the Winter							
	Haven Ch	ain of Lakes, a	SWIM priority water	ooay.				
Funding Course	Funding Prior FY2021 Future Total							
Funding Source Polk County		rior \$0		Future 0,000	\$0	\$80,000		
District		\$0 \$0		0,000	\$0			
		\$0 \$0			·	\$80,000 \$160,000		
Total		φυ	\$10),000	ΨΟΙ	ψ 100,000		

Project No. Q176	Study – Wi	nter Haven/U _l	per Peace Creek Watersh	ed Optimization Model					
Winter Haven					FY2021				
Risk Level:	Type 3		Multi-Year	Contract:					
	,,		Yes, 1 of 2						
			Description						
Description:	Develonmo	Development of an integrated surface and groundwater planning model for the Upper Peace							
20001111111111	-	_	odel will incorporate econo	-					
			od mitigation, water supply						
Measurable Benefit:			able benefit is the completion						
			lated resources for the Win						
		the Peace Riv		10					
Costs:		ct cost: \$750,0							
		ven cost: \$375							
			vith \$225,000 requested in	FY2021, and \$150,000 a	nticipated to be				
		in future years	•	, , , , ,	•				
			Evaluation						
Application Quality:	High	Application in	cluded all the required info	rmation identified in the C	FI guidelines.				
Project Benefit:			a planning and modeling p						
			hancement of natural syste						
		-	The resource benefits and						
		project.		,					
Cost Effectiveness:	Medium		is project is similar to other	projects of similar scope					
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 5 ongoing projects.							
Complementary Efforts:	High	The applicant	has four or more complem	nentary efforts in the area	s of water supply ,				
	-	flood protection	on and natural systems.						
Project Readiness:	High	Project is rea	dy to begin on December 1	, 2020.					
			Strategic Goals						
Strategic Goals:	High	Strategic Ini	tiative - Alternative Water	Supplies: Increase devel	opment of				
		alternative so	ources of water to ensure g	roundwater and surface v	vater sustainability.				
		Strategic Ini	tiative - Conservation and	Restoration: Restoration	n and				
		maintenance	of natural ecosystem for the	ne benefit of water and wa	ater-related				
		resources.							
		_	tiative - Floodplain Manag						
			cal and regional floodplain i	•	on status and trends				
			odplain management decis						
			egion Priority: Implement S	Southern Water Use Cau	tion Area (SWUCA)				
		Recovery St		alatia a					
Fund as Medium Priority.	This street		I Ranking and Recommen		and watershad that				
i unu as ivieulum Emonty.	•	•	n integrated planning mode						
	will result in project options for reduced groundwater use in the SWUCA, flood protection								
	improvements, and natural system restoration. Specific benefits will be provided as a part of the project option analysis.								
	project op	uon analysis.	Funding						
Funding Source	P	rior	FY2021	Future	Total				
Winter Haven	•	\$0			I				
District		\$0 \$0	\$225,000						
		\$0 \$0							
Total		ΨΟ	ψ 1 00,000	Ψ000,000	Ι Ψ100,000				

Project No. Q177	Reclaimed	- Winter Have	n Southern B	asin Aquifer	Recharge				
Winter Haven						FY2021			
Risk Level:	Type 3			Multi-Year (Contract:				
		Yes, 1 of 5							
		Description							
Description:		_			aven Southern Basin Aqu	_			
	-	Project to indirectly recharge a minimum of 400,000 gpd calculated using a 5-year moving average of reclaimed water delivered by the City of Winter Haven Wastewater Treatment Plant							
	_				with results of the currer				
					ative owner/development	_			
	the Harmo	ny on Lake El	oise Developm	ent. The FY2	2021 funding is to comple	te preliminary			
	design.								
Measurable Benefit:					ermitting and construction				
	-		-	-	rs and will recharge a mir				
	permitting	_	-year moving a	average. Con	struction will be done in a	accordance with			
Costs:			0,000 (design.	permitting ar	nd construction)				
		ter Haven: \$2		. 5	,				
					2021, and \$1,750,000 an	ticipated to be			
	requested	in future years			tting and construction.				
	N 4 1'	A 1: 1: :	Evalua			(I. OEL : I. I.			
Application Quality:	Medium			-	I information identified in perator to obtain remaining	_			
		information.	W Had to Work	WILLI LITE COO	perator to obtain remainin	ig required			
Project Benefit:	Medium		f this project is	to indirectly	recharge reclaimed water	r currently			
•				-	improve groundwater lev	-			
		-	-		en. If constructed, the pro	-			
					a 5-year moving average				
					Treatment Plant No. 3 at	the Harmony on			
Cost Effectiveness:	Medium		Development p		per gpd of water recharg	ed into the surficial			
OOST ENCOUVERIESS.	Wediam	•			for Total Capital Cost pe				
		resource ben		, , ,	- 1	JI			
Past Performance:	Medium	Based upon a	an assessmen	t of the sched	dule and budget for the 5	ongoing projects.			
Complementary Efforts:	High	•	•		tive-based reuse rate stru	G			
			•		expansion policies which	n maximize utilization			
Project Peedings	High		nental benefits.		ecember 1, 2020.				
Project Readiness:	пуп	Froject is rea	dy to begin on Strategio		CENIDEL I, ZUZU.				
Strategic Goals:	High	Strategic Ini	_		Maximize beneficial use	of reclaimed			
on mogre come.		_	ice demand or			or recialified			
					nter Haven Chain of Lake	s and Ridge Lakes			
		Over <u>a</u> l	I Ranking and	l Recommen	dation				
Fund as Medium Priority.		ted, this proje	ct will lead to e	fficient use o	f available reclaimed wat				
				-	will not be eligible for reim				
		btains an executed agreement with the Harmony on Lake Eloise Development landowner that llows the City to construct and operate the project consistent with the objectives of the							
	allows the measurabl	-	uct and operat	e ine project	consistent with the object	lives of the			
	measurabl	c periolit.	Fund	ling					
Funding Source	Pr	ior	FY20:		Future	Total			
Winter Haven		\$0		\$250,000	\$1,750,000	\$2,000,000			
District		\$0		\$250,000					
Total		\$0		\$500,000	\$3,500,000	\$4,000,000			

Project No. Q181	WMP – Highla	ınds Hamm	ock State Park/Little Cha	arlie Bowlegs WMP				
Florida State Parks					FY2021			
Risk Level:	Type 4		Multi-Year	Contract:				
			Yes, Year	1 of 3				
		Description						
Description:	Complete a Watershed Management Plan (WMP) for the Little Charlie Bowlegs Watershed with							
	an increased	focus on H	ighlands Hammock State	Park in Highlands and Har	dee Counties. This			
	study will incl	tudy will include a Watershed Evaluation, Floodplain Analysis, Level of Service (LOS)						
		etermination, Surface Water Resource Assessment (SWRA), and Best Management Practice						
				ring flood protection, wate				
				egin the Watershed Evalua				
Measurable Benefit:				npletion of a WMP that ide				
		-		BMPs to address flooding	concerns, and			
Canta	•		nd/or enhances natural sy	stems in the watershed.				
Costs:	Total Project FDEP: \$270,		000					
			75 000 reguested in EV20	21 and \$195,000 anticipat	ed to be requested			
	in future year		70,000 requested iii 1 120	z r and \$190,000 andolpat	ed to be requested			
	iii rataro your	<u>. </u>	Evaluation					
Application Quality:	High A	oplication in		ormation identified in the C	CFI Guidelines.			
Project Benefit:	Medium TI	ne WMP wil	l analyze flooding problem	is that exist in the watersh	ed. Currently, flood			
		nalysis mod	els are not available or ar	e over 10 years old, and th	ne watershed includes			
	re	gional or in	termediate stormwater sys	stems. Resource benefit is	set to medium to			
			early half of the watershed					
Cost Effectiveness:	•			w range of historic costs (เ	under \$14,100/sq mi)			
		for WMPs completed in rural watersheds. High Based upon an assessment of the schedule and budget for the 1 ongoing project.						
Past Performance:								
Complementary Efforts:	_	ooperator is /stem.	s a state agency and does	not participate in the Com	imunity Rating			
Project Readiness:	High Pi	oject is rea	dy to begin on or before D	ecember 1, 2020.				
			Strategic Goals					
Strategic Goals:	High S	trategic Ini	tiative - Water Quality As	sessment and Planning:	Collect and			
	а	nalyze data	to determine local and re	gional water quality status	and trends to			
				ns and restoration initiative				
		_		d Restoration: Restoration				
			of natural ecosystem for	the benefit of water and w	ater-related			
		esources. tratagia Ini	tiativa Eloodalain Mana	gement: Collect and analy	zo data ta			
		_	•	information, flood protecti				
			odplain management dec		ion statas and tronds			
			1 3					
		Overal	I Ranking and Recomme	ndation				
Fund as Medium Priority.	This project i			ovement plans in an area	that does not have a			
			-	Hammock State Park and	_			
			• •	r flood zone determination				
	solutions tha	alleviate fl		iality, and/or enhance natu	ıral systems.			
			Funding		<u> </u>			
Funding Source	Prio		FY2021	Future	Total			
District		\$0	·		 			
Florida Park Service		\$0	·					
Total		\$0	\$150,000	\$390,000	\$540,000			

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Northern Region

FY2021 Cooperative Funding Initiative Final

Project Evaluations and Rankings



Project No. N873	WMP - Cha	ssahowitzka	River Watershed Managen	nent Plan					
Citrus County					FY2021				
Risk Level:	Type 4		Multi-Year (Contract:					
		Yes, Year 4 of 4							
		Description							
Description:	Complete	a Watershed N	/lanagement Plan (WMP) ir	ncluding floodplain analys	sis, Stormwater				
		-	vice analysis (LOS), Surface Water Resource Assessment (SWRA), and Best						
	_	•	nt Practice (BMP) alternative analysis for the Chassahowitzka River Watershed in						
		inty. FY2021 ft	unding will be utilized to cor	nplete the alternatives ar	alysis phase of the				
Measurable Benefit:	project.		hla Danafit will be the same	alation of a MANAD that will	I dayalan battan				
wiedsurable beliefit.			able Benefit will be the com _l d implement floodplain mar		-				
			u impiement noodplain mai nize flood damage.	lagement programs to m	aintain storage and				
Costs:		ect Cost: \$925,	•						
		ınty: \$462,500							
			400,000 budgeted in previo	us years and \$62,500 red	quested in FY2021.				
			Evaluation						
Application Quality:	High	Application in	cluded all the required infor	rmation identified in the C	FI Guidelines.				
Project Benefit:	High	The WMP wil	l analyze flooding problems	that exist in the watersh	ed. Currently, flood				
			els are not available or are		e watershed includes				
			termediate stormwater syst						
Cost Effectiveness:	Medium		er square mile is in the mid	- ,	\$14,100 to \$23,000 /				
Doot Doufousson	l li ada		MPs completed in rural water		angaing praincts				
Past Performance: Complementary Efforts:	-		an assessment of the sched Community Rating System						
	-	-	joing and on schedule.	Class is 3 and is in the 3	or better range.				
Project Readiness:	nign	Project is one							
Stratagia Caalay	Lliab	Ctuata sia Ini	Strategic Goals		anti Davalan				
Strategic Goals:	піgп	_	tiative - Water Quality Mai nt programs, projects and r						
		quality.	in programs, projects and i	egulations to maintain ai	id illiprove water				
			tiative - Floodplain Manag	ement: Collect and analy	ze data to				
			cal and regional floodplain i						
		to support flo	odplain management decis	sion and initiatives.					
		Overal	I Ranking and Recommen	dation					
Fund as 1A Priority.			ntifies flood risk in an area v						
		• .	I be utilized for flood zone of						
		e flood risk and improve water quality, and enhance the planning of future development in							
	the project	t area.	Formalism						
Funding Course		ula v	Funding	Eutrine	Total				
Funding Source	l Pi	<u>¢400.000</u>	FY2021	Future	Total				
Citrus County		\$400,000	\$62,500 \$62,500	\$0					
District		\$400,000 \$800,000	\$62,500 \$125,000	\$0 \$0					
Total	I	φουυ,υυυ	000,6Σ1¢	ΦU	J 9925,000				

Project No. N986	Study - Citrus County Stormwater Utility Fee Rate & Methodology								
Citrus County							FY2021		
Risk Level:	Type 3			Multi-Year	Contract:				
				Yes, Year 3	of 3				
			Descri	ption					
Description:					through the following eff		all		
		assessment and funding alternatives evaluation; Part 2 - Rate study and billing							
		nodology; Part 3 - Community outreach and public presentations. FY2021 funding will be ed for the community outreach and public presentations.							
Measurable Benefit:						us implementation			
weasurable beliefit.					pletion of a study to purse to improve the County's				
			•		ess operational needs on	•			
	sustainabl				oo operational moode on	a reng term			
Costs:	Total Proje	ect Cost: \$300,	000						
		ınty: \$150,000							
	District: \$1	50,000 with \$			ous years and \$50,000 re	quested in FY2021			
Annilo ation Occality	Lliada	Annlinetien in	Evalua		was tiens identified in the C	NEL Cuidalinas			
Application Quality:					rmation identified in the C				
Project Benefit:	High		• •	•	ential implementation of a improve the County's abil				
			,		s including future flood p	,	ŗ		
			of service impro		o morading ratare need p	otootion and water			
Cost Effectiveness:	High								
Past Performance:	High	Based upon a	an assessmen	of the sched	dule and budget for the 6	ongoing projects.			
Complementary Efforts:	High	Cooperator's	Community Ra	ating System	class is 5 and is in the 5	or better range.			
Project Readiness:	High	Project is ong	oing and on s	chedule.					
			Strategio	Goals					
Strategic Goals:	High	_		_	ntenance and Improven	•			
			nt programs, p	projects and i	regulations to maintain ar	nd improve water			
		quality.	tiativa Flaad	mlain Manan					
		_		-	jement : Collect and analy information, flood protect		de		
			•	•	sion and initiatives.	ion status and tron	13		
				, - · · · · · · · · · · · · · · · · · ·					
		Overal	I Ranking and	Recommen	dation				
Fund as 1A Priority.	This ongo				of a stormwater utility stu	dy and methodolog	Jy		
	that, if add	pted, will prov	ide for a dedic	ated funding	source and greatly impro	ove the County's			
	-		-		eeds, including future floo	d protection, water			
	quality, an	d environment		•	ments.				
Franchine Occurre		Funding							
Funding Source Citrus County	l P	\$100,000	FY20	\$50,000	Future \$0	Total	\$150,000		
District				\$50,000		<u> </u>	\$150,000		
		\$100,000 \$200,000		\$100,000			\$150,000		
Total	l	Ψ200,000		φ ιου,υου	φυ	1	ψυσυ,σου		

Project No. Q051	SW IMP - \	Water Quality -	- 50th St County Road 40	Stormwater Drainage						
Yankeetown					FY2021					
Risk Level:	Type 3		Multi-Year Yes, 2 of 2	Contract:						
		Description								
Description:	from untre	Design, permitting, and construction of stormwater BMPs to treat highly urbanized stormwater rom untreated areas in the town of Yankeetown at 50th Street to reduce pollutant loads to the lower Withlacoochee River.								
Measurable Benefit:	stormwate loads to th permitted	The contractual Measurable Benefit will be construction of BMPs to treat highly urbanized stormwater from untreated areas in the town of Yankeetown at 50th Street to reduce pollutant loads to the Lower Withlacoochee River. Construction will be done in accordance with the permitted plans.								
Costs:	Yankeetov	vn (REDI): \$67	,000 (design, permitting, a ,500 37,500 budgeted in previou	·	guested in FY2021					
	Σ.σισι. ψ2	, σ σ σ ππα τ φ σ	Evaluation	, sais alla w 100,000 100						
Application Quality:	High	Application in	cluded all the required info	rmation identified in the C	FI Guidelines.					
Project Benefit:	Medium		e Benefit of this water qual hlacoochee River by an e		•					
Cost Effectiveness:	Medium	and \$475/lb.	d cost/lb of TN removed is							
Past Performance:	High	high.	cooperator having no ong		•					
Complementary Efforts:	Low		three or less of the above nwater education and is cu I study.	-	-					
Project Readiness:	High	Project is ong	oing and on schedule.							
		1	Strategic Goals							
Strategic Goals:	Medium	Medium Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water quality.								
			Ranking and Recomme							
Fund as 1A Priority.	This ongoing project is cost effective and will improve stormwater pollutant load impacts discharged to the Lower Withlacoochee River. Yankeetown qualifies for 75% cost share as a REDI community as defined by Florida Statute. Under District Policy 130-4, the Board can reduce the requirements for matching funds for REDI communities.									
			Funding							
Funding Source	P	rior	FY2021	Future	Total					
District		\$37,500	\$165,000							
Yankeetown		\$12,500 \$50,000	\$55,000 \$220,000							
Total		φ30,000	\$ZZU,UUU	1 \$0	φ210,000					

Project No. Q058	WMP - SR	200 WMP Upd	ate						
Marion County						FY202			
Risk Level:	Type 4			Multi-Year (Contract:				
		Yes, 2 of 2							
		Description							
Description:	Complete	Complete a Watershed Management Plan (WMP) update for the SR 200 watershed in Marion							
	County, in	cluding Waters	shed Evaluation	and Floodp	olain Analysis. FY2021 fu	nding will be used to			
	complete t	the Watershed	Evaluation and	perform the	e Floodplain Analysis.				
Measurable Benefit:					pletion of an updated WM				
			<u> </u>	ormation, EF	RP data, and land use up	dates.			
Costs:		ect cost: \$425,0							
		ounty: \$212,500							
	District: \$2	212,500 with \$1			us years and \$106,250 re	equested in FY2021.			
	11: 1	l	Evalua			NELO : L II			
Application Quality:					rmation identified in the C				
Project Benefit:	High				s that exist in the watersh				
		· ·			om 5 to 10 years old. The				
		1		-	st study, and the watersh	_			
				-	e SR 200 watershed is or	ie of the District's top			
Cost Effectiveness	Madium		tersheds for Wile		mid-range of historic cos	ato (\$15.001			
Cost Effectiveness:	Medium		•		leted in mixed watershed	•			
Past Performance:	Medium				dule and budget for the 1				
Complementary Efforts:		· · · · · · · · · · · · · · · · · · ·			is 7 and is in the 6 to 9 ra				
Project Readiness:			joing and on sc		io r and io in the o to o is	<u> </u>			
1 Tojout Rodamood.	riigii	Trojocrio orig	Strategic						
Strategic Goals:	Modium	Stratagia Ini			ement: Callest and analy	rzo doto to			
Strategic Goals.	Medium	_	-	_	ement: Collect and analy information, flood protecti				
			-	-	sion and initiatives.	on status and trends			
		lo oupport no	oapiaiii manag	omont door	non and milativoo.				
		Overal	I Ranking and	Pacamman	dation				
Fund as 1A Priority.	This ongo				vith existing flood analysis	that is 5 to 10			
r und do 1711 nonty.	-				_				
	years old. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and to enhance the planning of future development in the								
	project area. The SR 200 watershed is one of the District's top 20 priority watersheds for WMP								
	updates.								
			Fundi	ng					
Funding Source	Р	rior	FY202	1	Future	Total			
Marion County		\$106,250		\$106,250	\$0	\$212,500			
District		\$106,250		\$106,250	\$0				
Total		\$212,500		\$212,500	\$0				

Project No. Q075	Restoration – Pasture Reserve									
Lake County		F								
Risk Level:	Type 3			Multi-Year C						
		Yes, Year 2 of 3								
		Description								
Description:	• • • • • • • • • • • • • • • • • • • •	Design, permitting and construction of restored uplands and wetlands, including cypress								
				-	d pine flatwoods. The Co	•				
Managed In Danielle					project area to the Dist					
Measurable Benefit:					n and enhancement of 8	10 acres of uplands				
Coete			0,000 (Design,		ce with permitted plans.					
00515.	_	nty: \$500,000	o,ooo (Design,	permitting, c	onstruction)					
		-	50.000 budgete	d in previous	years, \$150,000 reques	sted in FY2021, and				
			pe requested in	•	•					
			Evaluat	•						
Application Quality:	High	Application in	cluded all of the	required inf	ormation identified in the	CFI guidelines.				
Project Benefit:	High	The benefit of	f the project is the	he hydrologid	restoration and enhand	cement of				
				•	vetlands in Pasture Res					
Cost Effectiveness:	High			elow the histo	orical average of \$53,32	6/acre for Natural				
		Systems Restoration.								
Past Performance:	High	high.	-		ng projects with the Dist	-				
Complementary Efforts:	High				rogram(s), maintains "na					
		I •			plicant has other comple	mentary efforts that				
D 1 (D II		•	estore natural sy							
Project Readiness:	High	Project is ong	oing and on sch							
			Strategic							
Strategic Goals:	Medium				Restoration: Restoration					
			of natural ecos	ystem for the	e benefit of water and wa	ater-related				
		resources.								
		Overel	l Dankina and I	D	letien					
Fund as 1A Priority.	This ongo		I Ranking and I		810 acres of upland and	d wotland natural				
r und do 1711 Honly.	_	•	increasing aquif		-	u wellanu naturai				
	Cyolomo a	na nyarology,	Fundir							
Funding Source	Р	Prior FY2021 Future Total								
Lake County		\$50,000		\$150,000	\$300,000	,	\$500,000			
District		\$50,000		\$150,000	\$300,000		\$500,000			
Total		\$100,000		\$300,000	\$600,000	\$1	,000,000			

Project No. Q082	WMP - Wildwood Watershed Management Plan									
Wildwood						FY	/ 2021			
Risk Level:	Type 4			Multi-Year Co	entract:					
				Yes, Year 2 of	3					
	Description									
Description:	Complete a	Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater								
		evel of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best								
	_	Management Practice (BMP) alternative analysis for the Wildwood Watershed in Sumter								
					e floodplain analysis ph					
Measurable Benefit:					etion of a WMP that will					
	-		· ·	=	gement programs to m	aintain storage and				
Coete:	Total project		nize flood dan noo	lage.						
00313.	City of Wildv									
	-			ed in previous ve	ears, \$34,000 requeste	d in FY2021, and				
			e requested in		, +,					
			Evalu	ation						
Application Quality:	High A	pplication in	cluded all the	required inform	ation identified in the C	FI Guidelines.				
Project Benefit:	High T	he WMP wil	l analyze flood	ding problems th	nat exist in the watersh	ed. Currently, flood				
	а	nalysis mod	els are not av	ailable or are ov	ver 10 years old, and th	e watershed includes				
	re	egional or in	termediate sto	rmwater systen	ns.					
Cost Effectiveness:	9 1	•	-		istoric costs (\$69,100 /	sq mi) for WMPs				
		completed in urban watersheds.								
Past Performance:			cooperator ha	aving no ongoin	g projects with the Dist	rict they are ranked				
O		igh.	Carrama in the D	ations Constant al	i- 7 i :- i th C	to 0 manage				
Complementary Efforts:					ass is 7 and is in the 6	to 9 range.				
Project Readiness:	High F	roject is ong	joing and on s							
			Strategi			.				
Strategic Goals:	-	_		-	sment and Planning:					
		-		_	nal water quality status					
			_		and restoration initiative nent: Collect and analy					
		_			ormation, flood protecti					
			-		· ·	on otatao ana nonao				
	to support floodplain management decision and initiatives.									
		Overal	l Ranking and	d Recommenda	ation					
Fund as 1A Priority.	This ongoing					ormation available.				
•	Y. This ongoing project identifies flood risk in an area with no detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in									
	the project area.									
	Funding									
Funding Source	Pric		FY20	21	Future	Total				
Wildwood		\$36,000		\$34,000	\$15,000	\$85	5,000			
District		\$36,000		\$34,000	\$15,000	· ·	5,000			
Total		\$72,000		\$68,000	\$30,000	\$170	0,000			

Project No. Q086	WMP – Dunnellon Wat	ershed Management Plan									
Dunnellon		_		FY2021							
Risk Level:	Type 4	Multi-Year	Contract:								
		Yes, Year 2 of 3									
		Description									
Description:	Complete a Watershed	Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater									
	Level of Service analys	evel of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best									
		Management Practice (BMP) alternative analysis for the Dunnellon Watershed in Marion County.									
		utilized to complete the Water									
Measurable Benefit:		urable Benefit will be the com									
		and implement floodplain mar	nagement programs to m	aintain storage and							
Costs	conveyance and to mile Total project cost: \$28	-									
C0515.	City of Dunnellon: \$14										
	_	\$47,500 budgeted in previou	s vears, \$47,500 request	ed in FY2021, and							
		be requested in future years.	•								
		Evaluation									
Application Quality:	High Application	included all the required info	mation identified in the C	FI Guidelines.							
Project Benefit:	High The WMP	vill analyze flooding problems	that exist in the watersh	ed. Currently, flood							
	analysis mo	odels are not available or are	over 10 years old, and th	e watershed includes							
	regional or	intermediate stormwater syst	ems.								
Cost Effectiveness:		t per square mile is in the mid	- ,	\$22,605 - \$45,500 /							
		sq mi) for WMPs completed in mixed watersheds.									
Past Performance:	-	ne cooperator having no ongo	oing projects with the Dist	rict they are ranked							
Complementary Efforts:	high.	not participating in the CRS	Program								
		ngoing and on schedule.	Togram.								
Project Readiness:	rigii riojectis o										
Strategie Cooley	Lligh Ctuatonia	Strategic Goals	-t	anti Davidan							
Strategic Goals:		nitiative - Water Quality Mai nent programs, projects and r									
	quality.	neni programs, projects and i	egulations to maintain ai	id improve water							
		nitiative - Floodplain Manag	ement: Collect and analy	ze data to							
	_	local and regional floodplain i	-								
	to support	floodplain management decis	ion and initiatives.								
	Ove	all Ranking and Recommen	dation								
Fund as 1A Priority.		lentifies flood risk in an area v									
	available. The resulting product will be utilized for flood zone determination, help implement										
	solutions that alleviate flood risk and improve water quality, and enhance the planning of future										
	development in the pro										
Funding Course	Deion	Funding FY2021	Eutura	Total							
Funding Source Dunnellon	Prior \$47,50		Future \$47,500	Total \$142,500							
District	\$47,50		\$47,500	-							
	\$95,00		\$95,000								
Total	Ψ55,00	νου,000	Ψ30,000	Ψ200,000							

Project No. Q093	WMP - Tsala	Apopka WM	IP Alternative An	alysis					
Citrus County		FY20							
Risk Level:	Type 4			ulti-Year Co					
		Description							
Description	Complete the	·							
Description.		Complete the alternative analysis portion of the Watershed Management Plan (WMP) for the Isala Apopka Watershed in Citrus County. Governing Board approved floodplains were developed							
				_	plete the alternative an				
	including Sto	rmwater Le	vel of Service and	alysis (LOS),	, Surface Water Resour	rce Assessment			
			gement Practice		•				
Measurable Benefit:				•	etion of an alternative a	•			
	-	f flood dam	age and cost effe	ctive alterna	atives for water quantity	and quality			
Coete:	deficiencies. Total project	nost: \$250 (200						
00313.	Citrus Count								
				in previous	years and \$37,500 requ	uested in FY2021.			
			Evaluation						
Application Quality:	High A	oplication in	cluded all the req	uired inform	ation identified in the C	FI Guidelines.			
Project Benefit:	High TI	ne Resourc	e Benefit of the p	roject is to id	lentify risk of flood dam	age, water quality			
					od analysis models are				
	I -				llysis have not been do	ne and the			
Cook Effectiveness					te stormwater systems.	an mai) for MANDa			
Cost Effectiveness:	· ·	ligh Project cost per square mile is below the historic costs (\$4,000 / sq mi) for WMPs completed in mixed watersheds.							
Past Performance:		•			le and budget for the 6	ongoing projects.	-		
Complementary Efforts:					lass is 5 and is in the 5				
Project Readiness:	·		going and on sche						
	J. Company	•	Strategic G						
Strategic Goals:	High S	trategic Ini	tiative - Water Q	uality Maint	enance and Improvem	ent: Develop			
	а	nd impleme	ent programs, proj	jects and reg	gulations to maintain an	id improve water			
		uality.							
		_	-	_	ment: Collect and analy				
			•	•	ormation, flood protecti	on status and trends			
	"	support lic	oodplain manager	neni decisio	m and initiatives.				
		Overel	I Ranking and R	o o o m o o o d	ation				
Fund as 1A Priority.	This ongoing				and BMP Alternative Ana	alveis for the Teala			
			•			•			
	Apopka watershed. WMP floodplain results were completed and Governing Board approved in 2011. The resulting product will be utilized to help implement solutions that alleviate flood risk,								
					iture development in the				
			Funding]					
Funding Source	Prio		FY2021		Future	Total			
Citrus County		\$87,500		\$37,500	\$0	· · · · · · · · · · · · · · · · · · ·	25,000		
District		\$87,500		\$37,500	\$0	·	25,000		
Total		\$175,000		\$75,000	\$0	 \$2	250,000		

Project No. Q105	Reclaimed – Citrus County Sugarmill Woods Golf Course Reuse Project									
Citrus County							FY2021			
Risk Level:	Type 2			Multi-Year Co	ontract:					
		Yes, Year 2 of 2								
		Description								
Description:	Design, pe	ermitting and c	onstruction of a	pproximately	22,000 feet of transmiss	sion mains, a 1.0				
	_	_		-	0.5 mgd booster station					
				-	nimed water to replace 0	_				
	•		•	•	ls golf courses (WUP #3	3673, one 18 hole				
Measurable Benefit:			e Chassahowit		•	unly and utilization				
weasurable beliefit.					I requirement, is the sup on use in the Chassaho	• •				
	_		_	_	with the permitted plans					
Costs:			3,000 (Design,			·				
		inty: \$1,834,00		, g ,	,,,,,					
				geted in FY20	20 and the remaining fir	nal year funding of				
		0 is requested								
	WPSTF: \$	250,000, appr	opriated in FY2							
			Evalua			4				
Application Quality:					ormation identified in the					
Project Benefit:	High									
Cost Effectiveness:	Madium	anticipated 0.375 mgd of water savings within Chassahowitzka Springs Springshed. ### still to \$10.45 per gallon per day capital cost which is within the \$10 to \$15 per gallon								
Cost Effectiveness.	wealum			-	nated cost effectiveness					
		_			t which is within the cos	•				
		_			of \$0.15/1,000 gallons fo	_				
					idential projects.	5				
Past Performance:	High				le and budget for the 6	ongoing projects.				
Complementary Efforts:	High	The County's	reclaimed water	er system will	include metering and in	centive based reuse				
			_	ourse user and	d the County has pro-ac	tive water				
D : (D !!		conservation	•							
Project Readiness:	High	Project is ong	joing and on sc							
04 4 1 0 1			Strategic							
Strategic Goals:	High				laximize beneficial use	of reclaimed				
			ice demand on		ter supplies. ern coastal spring syste	me				
			-	•	erm sustainable water si					
			l Ranking and			арргу.				
Fund as 1A Priority.	This ongo				t reduces reliance on tra	aditional sources in				
			ings Springshe							
			Fundi	ng						
Funding Source	P	rior	FY202		Future	Total				
District	<u> </u>	\$459,000		\$1,375,000	\$0		834,000			
WPSTF	<u> </u>	\$250,000		\$0	\$0		250,000			
Citrus County	<u> </u>	\$459,000		\$1,375,000	\$0		834,000			
Total		\$1,168,000		\$2,750,000	\$0	\$3,	918,000			

Project No. Q137	Conservation – Citrus Co. Water Sense Irrigation Controller Phase 4								
Citrus County						FY2021			
Risk Level:	Type 1			Multi-Year (Contract: No				
	Description								
Description:	Make avai	Make available financial incentives to residential customers for the installation of approximately							
·					necessary components a				
		•			educational materials, pr	•			
	•				assist in familiarizing the				
					nticipated, the Cooperator	may perform more			
Measurable Benefit:			he availability of		v. ementation of the prograr	n and the			
Weasurable Deficit.		of a final repo		be the impli	ementation of the prograf	ii and the			
Costs:	•	ct Cost: \$60,0							
	Citrus Cou	nty: \$30,000							
	District: \$3	0,000							
		Evaluation							
Application Quality:		• •			rmation identified in the C				
Project Benefit:	High	High The benefit of the project is an estimated 17,458 gallons per day of water conserved in							
Cost Effectiveness:	High		Planning Region) per thousand gallons sa	ved			
Past Performance:	Ü				dule and budget for the 6				
Complementary Efforts:	Ū				and provides incentives for	<u> </u>			
	9		hin its service a						
Project Readiness:	High	Project is rea	dy to begin on c	r before De	ecember 1, 2020.				
			Strategic	Goals					
Strategic Goals:	High	_		vation : Enl	nance efficiencies in all w	ater-use sectors to			
		ensure bene							
	Northern Region Priority: Ensure long-term sustainable water supply.								
			I Ranking and I						
Fund as High Priority.	Project wil	l conserve pot			Planning Region and is co	ost effective.			
Funding Source	Funding Prior FY2021 Future Total								
District	F1	\$0	1 1202	\$30,000					
Citrus County		φ0 \$0		\$30,000	\$0 \$0	\$30,000			
Total		\$0		\$60,000	\$0	\$60,000			

Project No. Q138	Conservati	onservation – WRWSA Regional Irrigation System Audit Program Phase 6					
WRWSA						FY2021	
Risk Level:	Type 1		Multi-Year	Contract: No			
			Description				
	Hernando providing i include pro through Flo best mana irrigation s a functioni promotion, Should act installation	Make available approximately 216 irrigation system evaluations within Marion, Citrus, and Hernando Counties and The Villages Development Districts. Participating utilities will assist in providing irrigation evaluations to single family, multi-family, and commercial customers. This will include providing customers with recommendations for optimizing the use of water outdoors through Florida-Friendly Landscaping TM practices, and recommending other efficient irrigation providing evaluations. For select customers, the project could also include performing the performing through the project participants who do not have a functioning device. Also included is program administration, educational materials, program promotion, follow-up evaluations and surveys necessary to ensure the success of the program. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow.					
Measurable Benefit:	The contra		Benefit will be impleme	entation of the program ar	nd the completion of		
Costs:	Total Proje	ct cost: \$121,200 chee Regional Wa	; ter Supply Authority cos	st: \$60,600;			
			Evaluation				
Application Quality:	High	Application include	ded the required informa	ation identified in the CFI	guidelines.		
Project Benefit:	High	The benefit of the in the Northern P		ation of approximately 32	,184 gallons per day		
Cost Effectiveness:	High	Project cost effect	tiveness is below \$3.00	oper thousand gallons sa	aved.		
Past Performance:	High	Based on an ass	essment of the schedul	e and budget for the 2 on	going projects.		
Complementary Efforts:	High		courages, supports, and ong its member governi	d provides financial incent ments.	tives for water		
Project Readiness:	High		o begin on or before De				
			Strategic Goals				
Strategic Goals:	High	ensure beneficia	l use.	hance efficiencies in all w -term sustainable water s			
		Overall Ra	inking and Recommen	dation			
Fund as High Priority.	Project will cost effect		e water supply in the No	orthern Planning Region o	of the District and is		
			Funding				
Funding Source	Pi	rior	FY2021	Future	Total		
WRWSA		\$0	\$60,600	\$0		\$60,600	
District		\$0	\$60,600	·		\$60,600	
Total		\$0	\$121,200	\$0	\$	121,200	

Project No. Q167	WMP - Red	Level Waters	hed Managem	ent Plan			
Citrus County							FY2021
Risk Level:	Type 4			Multi-Year	Contract:		
				Yes, Year 1	of 3		
			Descri	ption			
Description:	Complete	a Watershed N	//anagement P	lan (WMP) ir	ncluding floodplain analys	is, Stormwater	
		of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best					
	_	agement Practice (BMP) alternative analysis for the Red Level Watershed in Citrus County.					
		_			ned Evaluation phase of the		
Measurable Benefit:					pletion of a WMP that will	•	
			-	-	nagement programs to m	aintain storage and	d
Costs		ct cost: \$500,0	nize flood dam	age.			
Costs.		inty: \$250,000					
		•		sted in FY20	21 and \$150,000 anticipa	ited to be requeste	ed .
	in future ye		.00,000 .040.0		_ : aa		_
	,		Evalua	ition			
Application Quality:	High	Application in	cluded all the r	equired info	rmation identified in the C	FI Guidelines.	
Project Benefit:	High	The WMP wil	l analyze flood	ing and wate	er quality problems that ex	ist in the watershe	∍d .
		Currently, floo	od analysis mo	dels are not	available or are over 10 y	ears old, and the	
		watershed in	cludes regional	or intermed	iate stormwater systems.		
Cost Effectiveness:	Medium		-		l-range of historic costs (\$23,700 - \$45,500	1
			/IPs completed				
Past Performance:					dule and budget for the 6		
Complementary Efforts:		-			class is 5 and is in the 5	or better range.	
Project Readiness:	High	Project is rea			ecember 1, 2020.		
			Strategic	Goals			
Strategic Goals:	High	_		-	essment and Planning:		
		-		-	ional water quality status		
			_		s and restoration initiative		
		_			ement : Collect and analy information, flood protecti		de
			_	-	sion and initiatives.	on status and trem	us
		to support no	ouplain manag	gornorit door	non and milativoo.		
		Overal	I Ranking and	Recommen	dation		
Fund as High Priority.	This proie				etailed study information	available. The	
o ,					mination, help implement		
					nhance the planning of fu		in
	the project					•	
			Fund				
Funding Source	P	rior	FY202		Future	Total	
Citrus County		\$0		\$100,000	\$150,000		\$250,000
District		\$0		\$100,000	\$150,000		\$250,000
Total		\$0		\$200,000	\$300,000		\$500,000

Project No. Q193	Conservat	Conservation – Crystal River Conservation Phase 1 Project					
Crystal River						FY2021	
Risk Level:	Type 1		Multi-Year	Contract: No			
	Description						
Description :	toilets with provide re approxima approxima program p	Make available financial incentives to residential customers for the replacement of conventional bilets with high-efficiency toilets which use 1.28 gallons per flush or less. This project will rovide rebates and applicable administrative tasks associated with the replacement of pproximately 48 toilets. The project will also provide financial incentives for upgrades of pproximately 30 irrigation controllers and rain sensors. Also included are educational materials, rogram promotion and surveys necessary to ensure the success of the program. Should actual osts be less than anticipated, the Cooperator may perform more installations/rebates as the					
		of funds allow					
Measurable Benefit:	completio	e contractual Measurable Benefit will be the implementation of the program and the mpletion of a final report.					
0000	District: \$9	Total project cost: \$18,180 District: \$9,090 City of Crystal River: \$9,090					
			Evaluation				
Application Quality:	Medium	edium Application included most of the required information identified in the CFI Guidelines. District PM had to work with the Cooperator to obtain remaining required information.					
Project Benefit:	High	The benefit o	f the project is the conserv	ation of approximately 4,5	78 gallons per day.		
Cost Effectiveness:	High	Project cost e	effectiveness is below \$3.0	00 per thousand gallons sa	ived.		
Past Performance:	High	Based upon a	an assessment of the sche	edule and budget for no on	going projects.		
Complementary Efforts:	High	The cooperat	•	and provides incentives fo	r water conservation	ı	
Project Readiness:	Medium	Project is rea	dy to begin on or before M	larch 1, 2021.			
			Strategic Goals				
Strategic Goals:	High	ensure bene	ficial use.	nhance efficiencies in all w g-term sustainable water s			
		Overal	I Ranking and Recomme	ndation			
Fund as High Priority.	Project wi	Il conserve pot		orthern Planning region ar	nd is cost effective.		
Funding Course		ul a u	Funding	Future	Tatal		
Funding Source District	l P	rior	FY2021	Future \$0	Total	¢0.000	
Crystal River		\$0 \$0	\$9,090 \$9,090	·		\$9,090	
Total		\$0 \$0				\$9,090 \$18,180	

Project No. Q197	SW IMP - Flood Protec	tion – John Henry Celebrati	on Park Stormwater Im	provements			
Williston				FY2021			
Risk Level:	Type 3	Multi-Year (Contract:				
		Yes, Year 1	of 2				
		Description					
Description:	Park. Flooding occurs i	construction of stormwater in n the park and adjacent prop re. The FY2021 funding requ	erties due to low topogra	phy and undersized			
	start construction.	5 1					
Measurable Benefit:	The contractual Measu	rable Benefit will be the com	pletion of design, permitti	ng, and			
		oosed stormwater improveme	_	-			
		onstruction will be done in acc		ed plans.			
Costs:		3,000 (design, permitting, and	· ·				
	-	750 (Eligible REDI Communit \$300,000 requested in FY20:		ated to be requested			
	in future years.	φουσ,σου requested in r 120.	21 and \$422,230 andcipe	ited to be requested			
	in ratare years.	Evaluation					
Application Quality:	High Application	included all the required infor	mation identified in the C	FI Guidelines.			
Project Benefit:	High The Resour	ce Benefit of this project will	reduce the existing flood	ing problem during			
	the 100-year	r, 24-hour storm event. Struc	ture and street flooding o	currently occurs in the			
		and the project impacts the	_				
	·	iter quality benefits were dem	nonstrated along with the	flood protection			
Coat Effectiveness	benefits.	ratio is greater than or agua	I to 1 Popofito includo o	raidad damagaa ta			
Cost Effectiveness:		High Benefit/cost ratio is greater than or equal to 1. Benefits include avoided damages to structures and roads.					
Past Performance:		ne cooperator having no ongo	ping projects with the Dist	rict they are ranked			
	high.		0 , ,	•			
Complementary Efforts:	Low Cooperator	is not participating in the CR	S program at this time.				
Project Readiness:	High Project is re	ady to begin on or before De	cember 1, 2020.				
		Strategic Goals					
Strategic Goals:	and implem quality. Strategic I II and implem protection,	High Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water					
	Over	all Ranking and Recommen	dation				
Fund as High Priority.		flood protection for structure	_	-			
		enry Park and adjacent prope	-	-			
	•	75% cost share as a REDI c 30-4, the Board can reduce the	•				
	communities.	70-4, the Board can reduce th	ic requirements for mate	ning funds for NEDI			
		Funding					
Funding Source	Prior	FY2021	Future	Total			
District		0 \$300,000	\$422,250	\$722,250			
Williston	\$	0 \$100,000	\$140,750				
Total	\$	0 \$400,000	\$563,000	•			

Risk Level: Type 1 Description Multi-Year Contract: No Description: Make available financial incentives to residential customers for the installation of approximately 300 Water Sense Labeled irrigation controllers and necessary components at residential homes in the Bay Laurel Center Community Development District service area. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow. Measurable Benefit: The contractual Measurable Benefit will be the implementation of the program and the completion of a final report. Costs: Total project cost: \$97,500 BLCCDD share: \$48,750 District: \$48,750
Description: Make available financial incentives to residential customers for the installation of approximately 300 Water Sense Labeled irrigation controllers and necessary components at residential homes in the Bay Laurel Center Community Development District service area. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow. Measurable Benefit: The contractual Measurable Benefit will be the implementation of the program and the completion of a final report. Costs: Total project cost: \$97,500 BLCCDD share: \$48,750
Description: Make available financial incentives to residential customers for the installation of approximately 300 Water Sense Labeled irrigation controllers and necessary components at residential homes in the Bay Laurel Center Community Development District service area. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow. Measurable Benefit: The contractual Measurable Benefit will be the implementation of the program and the completion of a final report. Costs: Total project cost: \$97,500 BLCCDD share: \$48,750
300 Water Sense Labeled irrigation controllers and necessary components at residential homes in the Bay Laurel Center Community Development District service area. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow. Measurable Benefit: The contractual Measurable Benefit will be the implementation of the program and the completion of a final report. Costs: Total project cost: \$97,500 BLCCDD share: \$48,750
in the Bay Laurel Center Community Development District service area. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow. Measurable Benefit: The contractual Measurable Benefit will be the implementation of the program and the completion of a final report. Costs: Total project cost: \$97,500 BLCCDD share: \$48,750
less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow. Measurable Benefit: The contractual Measurable Benefit will be the implementation of the program and the completion of a final report. Costs: Total project cost: \$97,500 BLCCDD share: \$48,750
of funds allow. Measurable Benefit: The contractual Measurable Benefit will be the implementation of the program and the completion of a final report. Costs: Total project cost: \$97,500 BLCCDD share: \$48,750
Measurable Benefit: The contractual Measurable Benefit will be the implementation of the program and the completion of a final report. Costs: Total project cost: \$97,500 BLCCDD share: \$48,750
completion of a final report. Costs: Total project cost: \$97,500 BLCCDD share: \$48,750
Costs: Total project cost: \$97,500 BLCCDD share: \$48,750
BLCCDD share: \$48,750
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 this project is the conservation of approximately 22,485 gallons per day
in the Northern Planning Region.
Cost Effectiveness: High Project cost effectiveness is below \$3.00 per thousand gallons saved.
Past Performance: High Based upon an assessment of the schedule and budget for the 1 ongoing project. Complementary Efforts: Medium The cooperator encourages, supports, and provides incentives for water conservation
Complementary Efforts: Medium The cooperator encourages, supports, and provides incentives for water conservation within its service area.
Project Readiness: Medium Project is ready to begin on or before March 1, 2021.
Strategic Goals
Strategic Goals: High Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to
ensure beneficial use.
Northern Region Priority: Ensure long-term sustainable water supply.
Overall Ranking and Recommendation
Fund as High Priority. Project will conserve potable water supply in the Northern Planning Region and is cost effective.
Funding Funding Source Prior FY2021 Future Total
BLCCDD \$0 \$48,750 \$0 \$48,750
District \$0 \$48,750 \$0 \$48,750
Total \$0 \$97,500 \$0 \$97,5

Project No. WW09	Springs – I	Hernando Co. Septic to Se	ewer Weeki Wa	ichee Area "A" Phase 1			
Hernando County	_				FY2021		
Risk Level:	Type 2		Multi-Year (Contract:			
			Yes, Year 1	of 5			
		Desc	ription				
Description:	This project	ct is for 30% design and thi	rd-party review	for the construction of a	sanitary sewer		
	-	cessary for connection of e	-				
		a (PFA). If constructed, a n			_		
		al tanks, will convert to Cou	-	_			
		ew because the conceptual construction estimate is greater than \$5 million dollars. The 021 funding request is to complete 30% design, third-party review (TPR), full design, and					
		ation of construction. Governing Board approval of the TPR is required prior to initiating final					
		ign and construction.					
Measurable Benefit:		actual Measurable Benefit		_			
		iction of a municipal sanita	-		<u>-</u>		
		al system that will result in t			•		
	_	I1 commercial tanks. If TPI , construction will be added		•	inai design,		
Costs:		ceptual Project Cost: \$16,5			full design.		
230.01		construction, tank abando		• • •	G 1		
	\$2,475,00	0FDEP:\$11,550,000.Distric	ct: \$2,475,000 v	with \$495,000 requested i	in FY2021 and		
	\$1,980,00	0 anticipated to be request	•	ars.			
A 11 41 O 114	NA a alicena		uation	i.u.f	No o OEL audidalia e		
Application Quality:	Medium	Application included most District PM/CM had to wo	•		_		
Project Benefit:	High	The Resource Benefit of t					
r reject zenem.		an estimated 3,703 lbs/ye	-		· ·		
		requirements. The project			-		
		management action plan	, ,	•			
		differs from the standard I		logy as this project includ	les nitrogen savings		
Cost Effectiveness:	Modium	from commercial septic ta For wastewater projects,		oct/lb of TN (\$140/lb) is k	ower than the cost of		
Cost Effectiveness.	Medium	\$176/lb for District funded					
		considered a highly cost-		-	mat would bo		
Past Performance:	Medium	Based upon an assessme			ongoing projects.		
Complementary Efforts:	Low	This project does not have		· · · · · · · · · · · · · · · · · · ·	S. 381.00655		
		requiring sewage hookup	•				
Project Readiness:	High	Project is expected to beg	•	December 1, 2020.			
Strategic Goals:	High	Strategic Initiative - Wat	gic Goals or Quality Mair	atonanco and Improvem	ont: Develop		
Otrategie Coals.	riigii	and implement programs	-				
		quality.	, , , ,	- 9			
		Northern Region Priority	y: Improve nort	hern coastal spring syste	ms.		
		Overall Ranking a	nd Recommen	dation			
Fund as High Priority.	_	n and TPR is anticipated t	-	-			
		n from the TPR, and with the		-			
		proval to proceed, staff re					
		f construction in the FY202 VIM Priority water body and	-	· ·			
		ct will only fund the project					
		ates appropriate controls a			<u> </u>		
			nding				
Funding Source	P		2021	Future	Total *		
District		\$0	\$495,000	\$1,980,000			
FDEP		\$0	\$2,310,000	\$9,240,000	\$11,550,000		
Hernando County		\$0	\$495,000	\$1,980,000 \$13,200,000	\$2,475,000		
Total		\$0	\$3,300,000	\$13,200,000	\$16,500,000		

^{*}Conceptual cost estimate, subject to Governing Board Approval

Project No. Q134	Springs - C	Springs - Citrus Co. Homosassa East Septic to Sewer						
Citrus County							FY2021	
Risk Level:	Type 2			Multi-Year C	Contract: No			
			Descri	ption				
Description:	The project	t is for the des	ign, permitting	and construc	ction of a regional wastewa	ter collection		
	-	-		-	tial homes in the Old Homo			
				-	rea (PFA). If constructed, a			
	-	•		-	ry sewer. Funding was app equired a third-party review			
		-			\$5 million. The FY2021 fur			
		complete design and construction.						
Measurable Benefit:	-			Il be the cons	truction of regional sanitary	sewer line and		
	any neces	sary compone	nts for a fully o	perational sy	stem that will result in the o	connection of a		
		_	septic tanks.	Construction	will be done in accordance	with the		
	permitted			222 (222)				
Costs:			cost: \$15,000,	000 (30% de	sign, third-party review, full	design,		
	FDEP: \$7	, construction)						
		unty: \$3,750,00	00					
		•		geted in prev	ious year, \$3,500,000 requ	ested in FY2021.		
			Evalua	ation				
Application Quality:	High	Application in	cluded all the	required infor	mation identified in the CFI	guidelines.		
Project Benefit:	Medium			-	y project is the reduction of	-	у	
			-		ill be no monitoring or perfo	ormance testing		
					in the PFA of the	n (DMAD) o		
					sin management action pla alculation differs from the st			
			-		ne adjacent surface water b			
			d of the nearby	-	-	, (
Cost Effectiveness:	Low				ost/lb of TN (\$262/lb) is hig	her than the cost		
			District funded					
Past Performance:					ule and budget for the 6 on			
Complementary Efforts:	wealum		tor nas an ordi i 365 days of a		with F.S. 381.00655 to req	uire sewage		
Project Readiness:	High		s ongoing and					
,	Ü	, ,	Strategic					
Strategic Goals:	High	Strategic Ini	tiative - Water	Quality Main	ntenance and Improvemen	nt: Develop		
		and impleme	nt programs, p	projects and r	egulations to maintain and i	improve water		
		quality.						
				•	hern coastal spring systems	S.		
Fund on Madisus Drievits	The C		I Ranking and					
Fund as Medium Priority.					gn and third-party review by board approval to proceed			
		-	-	_	y review, and with the unde	•		
		-		-	oceed, staff is recommendi	-		
	_		•		th the District's Strategic Pl	•	-	
	water qua	lity within a PF						
			Fund					
Funding Source	P	rior	FY202		Future	Total *	750.000	
Citrus County		\$250,000		\$3,500,000	\$0 \$0		3,750,000	
District		\$250,000		\$3,500,000	\$0 \$0		3,750,000	
FDEP		\$7,500,000 \$8,000,000		\$7,000,000	\$0 \$0		7,500,000 5,000,000	
Total	<u> </u>	φο,υυυ,υυυ		\$7,000,000	\$0	φιο	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

^{*}Conceptual cost estimate, subject to Governing Board Approval

Project No. Q155	Springs – Marion Co. No	rthwest WWTP AWT Expa	nsion					
Marion County				FY2021				
Risk Level:	Type 2	Multi-Year (Contract: No					
		Description						
Description:	This project is for the cor	nstruction of a 0.80 mgd ex	pansion/replacement and	upgrade to				
	Advanced Wastewater T	reatment (AWT) standards	of the County's Northwes	st Regional				
		ewater Treatment Plant. If funded, the project will require a third-party review to provide the nation necessary to support the \$11.6 million construction project. District and FDEP						
	-	support the \$11.6 million c only the construction portion	· ·					
	•	nd permitting, as well as \$2						
	to October 1, 2020.	τα pormitting, αο won αο ψΣ	.oo miiion or concardoner	r on thom own phon				
Measurable Benefit:		able Benefit will be the cons	struction of a fully operation	onal 0.80 mgd				
	wastewater treatment pla	ant that will meet AWT stand	dards outside of the Rain	bow River				
		is Area (PFA). Construction	will be done in accordan	ce with the				
04	permitted plans.	00 000 (Di Di#i						
Costs:		33,032 (Design, Permitting	•	d voore and				
	\$2,911,250 is anticipated	82, of which \$3,938,032 was	as expended in prior lisca	ii years and				
	District: \$2,911,250 (Cor							
	FDEP: \$5,822,500 (Cons							
	, 1, 1	Evaluation						
Application Quality:	-							
Project Benefit:	-							
Cost Effectiveness:	-							
Past Performance:	-							
Complementary Efforts:								
Project Readiness:	-							
		Strategic Goals						
Strategic Goals:	-							
	Overal	I Ranking and Recommen	dation					
Not recommended.	The project is not recom	mended for funding as it is	inconsistent with FY2021	CFI Guidelines				
		water treatment (including i						
		ritized by the Governing Bo		ot located within the				
	Priority Focus Area of the	e Rainbow Springs Basin M	lanagement Action Plan.					
Funding Source	Drior	Funding FY2021	Futuro	Total				
District	Prior \$0		Future \$0					
FDEP	\$0	\$5,822,500	\$0					
Marion County	\$3,938,032	\$2,911,250						
Total	\$3,938,032	\$11,645,000	\$0					

Project No. Q173	Hernando County Airpo	rt WWTP RIB Expansion					
Hernando County				FY2021			
Risk Level:	Type 2	Multi-Year Co	ontract: No				
		Description					
Description:	Rapid Infiltration Basins The expansion of RIBs i required in the County's project will require a thir million construction proje project, as Hernando Co	construction of a 2.5 mgd expansion of the existing 3.5 mgd capacity wastewater disposal apid Infiltration Basins (RIBs) at the County's Airport Wastewater Treatment Plant (WWTP). The expansion of RIBs is necessary to meet the 6 mgd total of wastewater disposal capacity required in the County's FDEP wastewater treatment plant expansion permit. If funded, the roject will require a third-party review to provide the information necessary to support the \$7.8 illion construction project. District funding is requested for only the construction portion of the roject, as Hernando County completed design and permitting on their own. The County inticipates starting construction prior to FY2021 in May of 2020.					
Measurable Benefit:	disposal RIBs at the Airp Priority Focus Area (PFA capacity.	able Benefit will be the construction port wastewater treatment plant A) to meet the County's pending	nt within the Weeki Wad ng FDEP WWTP permit	chee Springshed			
Costs:	Hernando County: \$4,20 anticipated for FY2021;	Total project cost: \$8,108,000 (Design, Permitting and Construction); Hernando County: \$4,208,000 of which \$308,000 was expended in prior years and \$3,900,000 is					
		Evaluation	•				
Application Quality:	-						
Project Benefit:	-						
Cost Effectiveness:	-						
Past Performance:	-						
Complementary Efforts:	-						
Project Readiness:	-						
		Strategic Goals					
Strategic Goals:	-						
		II Ranking and Recommenda					
Not recommended.	which specify that waste were these projects prior	the project is not recommended for funding as it is inconsistent with FY2021 CFI Guidelines which specify that wastewater treatment (including upgrades) are not eligible for CFI funding nor were these projects prioritized by the Governing Board. The County is required to construct nese disposal RIBs per a pending FDEP WWTP expansion permit.					
		Funding					
Funding Source	Prior	FY2021	Future	Total			
District	\$0		\$0	' ' '			
Hernando County	\$308,000		\$0	' ' '			
Total	\$308,000	\$7,800,000	\$0	\$8,108,000			

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Southern Region

FY2021 Cooperative Funding Initiative Final Project

Evaluations and Rankings



Project No. W639	SW IMP - \	V IMP – Water Quality – Bradenton Beach BMPs Avenue B and C					
Bradenton Beach							FY2021
Risk Level:	Type 3			Multi-Year C			
				Yes, Year 3 c	of 3		
			Descrip				
Description:		•			etrofits in the City of Brad		
	_				SWIM priority water boo	•	
Measurable Benefit:				•	n, permitting, and constr		
			•		ely 34 acres of highly ur		'
					the permitted plans. The	re will be no	
Coete:		<u> </u>	ce testing requir 930 (Design, pe		netruction)		
00313.		adenton Beach	, .	annitung, cor	istruction)		
	•			ted in FY201	9 and \$116,696 request	ed in FY2021.	
	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Evaluat				
Application Quality:	High	Application in	cluded all the re	equired inform	mation identified in the C	FI Guidelines.	
Project Benefit:	-			- Y	reduction of pollutant lo		
	J				stimated 24,105 lb/yr TS		
Cost Effectiveness:	High	_	· · · · · · · · · · · · · · · · · · ·		below the historical aver		
		estimated cos	st/lb of TN remo	ved is below	the historical average o	f \$646/lb. Cost	
		effectiveness	for multi-year p	rojects is ba	sed upon the metrics in	olace when project	
		was originally					
Past Performance:	<u> </u>				and budget for the 1 on	going project.	
Complementary Efforts:	High				that collects fees.		
Project Readiness:	High	Project is ong	oing and on scl	nedule.			
			Strategic	Goals			
Strategic Goals:	High	_		_	tenance and Improvem	•	
			nt programs, pr	ojects and re	egulations to maintain an	d improve water	
		quality.					
				mprove Chai	rlotte Harbor, Sarasota E	Bay and	
			Joshua creeks.	D	lation		
Fund as 1A Priority.	This ongo		I Ranking and I		iation le efforts by the City to re	oduce stermwater	
r und as 171 Honly.	-		, a SWIM priorit		-	Sauce Storriwater	
	inpuoto to	Caracola Day	Fundiı				
Funding Source	Р	rior	FY202		Future	Total	
District		\$148,769		\$116,696	\$0		\$265,465
Bradenton Beach		\$148,769		\$116,696	\$0		\$265,465
Total		\$297,538		\$233,392	\$0		\$530,930

Project No. W641	SW IMP - \	Nater Quality	– Northern Holmes Be	ach BMPs - Basins 10 and	12		
Holmes Beach		FY2021					
Risk Level:	Type 3		Multi-Ye Yes, Yea	ar Contract: r 2 of 2			
			Description				
Description:	Design, pe	ermitting, and o	construction of stormwat	er retrofits in the City of Holi	mes Beach to		
	improve w	ater quality dis	charging to Tampa Bay	a SWIM priority water body	<i>1</i> .		
Measurable Benefit:				esign, permitting, and const			
				imately 20 acres of highly u			
				vith the permitted plans. The	ere will be no		
0			ce testing requirements.				
Costs:		ect Cost: \$515, lmes Beach: \$	576 (Design, permitting	, construction)			
	•			′2020 and \$128,894 reques	ted in FY2021		
	Biotiriot.	101,700, Will 4	Evaluation	2020 4114 \$120,001 104400	100 1111 12021.		
Application Quality:	High	ligh Application included all the required information identified in the CFI Guidelines.					
Project Benefit:	-						
-	_	SWIM priority water body, by an estimated 15,848 lb/yr TSS, and 187 lb/yr TN.					
Cost Effectiveness:	High						
		cost/lb of TN removed is below the historical average of \$176/lb. Cost effectiveness for					
		multi-year projects is based upon the metrics in place when project was originally					
Doot Doufousson	l li ada	approved.	acceptant of the cohe	dule and budget for the 1 or	againg project		
Past Performance:		<u> </u>	an active stormwater u		igoling project.		
Complementary Efforts: Project Readiness:	-		joing and on schedule.	unity that conects lees.			
Project Readiness:	High	Project is ong					
Stratagia Caplay	∐iah	Stratagia Ini	Strategic Goals	Asintananas and Impressan	aenti Davalan		
Strategic Goals:	підп	_	-	Maintenance and Improven nd regulations to maintain ar			
		quality.	ni programs, projects a	ia regulations to maintain ai	id improve water		
			Region Priority: Improv	e Lake Thonotosassa, Tamp	oa Bay, Lake Tarpon		
		and Lake Se		, ,	, ,		
			I Ranking and Recomn				
Fund as 1A Priority.				ntinue efforts by the City to r	educe stormwater		
	impacts to	Tampa Bay, a	SWIM priority water bo	dy.			
Francisco O	_		Funding		Takal		
Funding Source	P	rior	FY2021	Future	Total		
District		\$128,894	\$128,8		, , , , , , , , , , , , , , , , , , , ,		
Holmes Beach		\$128,894 \$257,788	\$128,8 \$257,7		. ,		
Total		ψ201,100	φ∠57,7	սսլ ֆն	φ515,576		

Project No. Q139	Study - No	rth Port Direc	t Potable Reu	se Feasibility	1			
City of North Port		FY202°						
Risk Level:	Type 2			Multi-Year C	ontract: No			
	Description							
Description:	developme collection a	A direct potable reuse (DPR) feasibility study to provide information on the potential future levelopment of a DPR project for new potable water supply. The project will include data collection and laboratory services necessary to determine the quantity and quality of water						
	constituent treatment t	ts. The study v technologies fo	vill also include or reclaimed w	e a desktop ev ⁄ater.	egulated, unregulated and aluation and costing of av	ailable advanced		
Measurable Benefit:	the quantit	y and quality o	of sources and	I the conceptua	completion of a feasibility s al costing of treating reclai ter Use Caution Area.	•)	
Costs:	City of Nor	ct cost: \$250,0 th Port: \$125,0 25,000, all red	000;	,				
			Evalu	ation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.						
Project Benefit:	High	The benefit is the completion of a feasibility study to determine the quantity and quality of sources and the conceptual costing of treating reclaimed water for new potable water supplies.						
Cost Effectiveness:	High							
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.						
Complementary Efforts:	High	reuse rate str	ucture for high	volume users	cludes metering and an inc s, and has proactive reclain ovironmental benefits.			
Project Readiness:	High	The project is	ready to begi	n on or before	December 1, 2020.			
			Strategio	c Goals				
Strategic Goals:								
Front on Utal Date 9	T , .			l Recommend				
Fund as High Priority.	potential development of a future potable reuse option. Future full scale potable reuse projects will be considered AWS and must meet the Governing Board's Cooperative Funding Initiative Policy which supports multi-jurisdictional development of alternative water supplies.							
Funding Source	D.	rior	Fund FY20		Euturo	Total		
Funding Source City of North Port	P	r ior \$0	F120	\$125,000	Future \$0	Total	\$125,000	
District		\$0 \$0		\$125,000	\$0 \$0		\$125,000	
		\$0 \$0		\$250,000	\$0		\$250,000	
Total		ΨΟ		Ψ200,000	ΨΟ		+_55,550	

Project No. Q141	SW IMP - F	lood Protection – I	Bowlees Creek Flood M	litigation					
Manatee County					ı	FY2021			
Risk Level:	Type 3		Multi-Year Co	ntract:					
			Yes, Year 1 of	2					
		Description							
Description:	Design, pe	rmitting and constru	uction of one automated	weir structure and one	baffle box at Lake				
			d weir structure on the d		-				
		-	h of Lake Brendan, and						
			ershed. The area experie ovide irrigation water to t	-	_				
		•	design and permitting p	•	se. F12021 luliulity				
Measurable Benefit:		•	enefit will be the comple		nitting and				
			provement BMPs in the	-	-				
		-	. Construction will be do	•					
Costs:			lesign, permitting, and c						
			52 requested in FY2021	and \$139,853 anticipat	ted to be requested				
	in future ye	ears.							
			Evaluation						
Application Quality:	Medium		d most of the required in		-				
Duciant Danafite	∐iah	District PM had to work with the cooperator to obtain remaining required information.							
Project Benefit:	піgп	The Resource Benefit of this project will reduce existing flooding problems during the 100-yr, 24-hr storm event. Structure and street flooding currently occur in the project							
		area and the project impacts the regional or intermediate drainage system. Ancillary							
		water quality benefits were demonstrated along with the flood protection benefits.							
Cost Effectiveness:	High								
Past Performance:	High		sessment of the schedule		ongoing projects.				
Complementary Efforts:	High	Cooperator's Com	munity Rating System cl	ass is 5 and is in the 5	or less range.				
Project Readiness:	High	Project is ready to	begin on or before Dece	ember 1, 2020.					
			Strategic Goals						
Strategic Goals:	High	Strategic Initiative	e - Water Quality Mainte	enance and Improveme	ent: Develop				
		and implement pro	ograms, projects and reg	gulations to maintain an	d improve water				
		quality.							
	Strategic Initiative – Flood Protection Maintenance and Improvement: Develop								
	and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize								
		_ ·	erate District flood contri e preserving the water re		uctures to minimize				
		nood damage will	e preserving the water it	esource.					
		Overall Ben	king and Recommenda	ation					
Fund as High Priority.	This project		-		av area in Manatee				
r and do riight Honly.	ity. This project reduces structure and street flooding in the Shady Brook/Sara Bay area in Manatee County and provides ancillary water quality benefits.								
	2 2 2y 2411	,	Funding						
Funding Source	Pi	rior	FY2021	Future	Total				
District		\$0	\$139,852	\$139,853		279,705			
Manatee County		\$0 \$139,852 \$139,853 \$279,705							
Total		\$0	\$279,704	\$279,706	\$5	559,410			

Project No. Q145	Conservat	ion – Longboa	it Key Club Ad	dvanced Irrig	ation System			
Longboat Key Club						FY2021		
Risk Level:	Type 2			Multi-Year C	contract: No			
			Descri	ption				
Description:	communic This highe distribution	stallation of an advanced irrigation system including high efficiency spray heads and remote immunication for the Resort at Longboat Key Club's Harbourside golf course, a private course his higher level of precision irrigation will result in a reduction of irrigated acreage and better stribution uniformity of irrigation events. This project also includes the replacement of turf with ative landscaping to futher reduce irrigable acreage.						
Measurable Benefit: Costs:	associated Area (SWI usage. Total Proje Longboat	Project Cost: \$1,115,000 boat Key Club: \$557,500						
	District: \$557,500 Evaluation							
Application Quality:	Medium							
Project Benefit:	High	The benefit of this project is an estimated 94,600 gallons per day of water conserved in the Southern Water Use Caution Area (SWUCA).						
Cost Effectiveness:	Medium	Project cost e	effectivess is b	etween \$3.01	and \$6.00 per thousand	l gallons saved.		
Past Performance:	High	high.	·		ing projects with the Dist	•		
Complementary Efforts:	High	irrigation syst replacement o	em on 9 of 27	holes at their ive landscapir	hanced their water use endead Harbourside course, as ng. They are looking to fuct.	well as through the		
Project Readiness:	High	Project is read	dy to begin on	or before De	cember 1, 2020.			
			Strategio	Goals				
Strategic Goals:	High	High Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to ensure beneficial use. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.						
			l Ranking and					
Fund as High Priority.	Project wi	Il conserve wat			st effective.			
			Fund					
Funding Source	Р	rior	FY20		Future	Total		
District		\$0		\$557,500	\$0			
Longboat Key Club		\$0		\$557,500	\$0			
Total		\$0		\$1,115,000	\$0	\$1,115,000		

Project No. Q148	WMP - Cov	w Pen Slough	Watershed					
Manatee County		FY202						
Risk Level:	Type 4	Type 4 Multi-Year Contract:						
		Yes, Year 1 of 2						
			Description					
Description:	Complete	a Watershed N	/lanagement Plan (WM	P) including floodplain analys	sis, Stormwater			
		el of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best						
	_		· ·	s for the Cow Pen Slough W				
	-	-		op a comprehensive GIS bas	_			
Measurable Benefit:				aluation phase of the project ompletion of a WMP that wil				
ineasurable beliefit.				management programs to m	•			
	-		nize flood damage.	nanagement programs to n	amam storage and			
Costs:	•	ct cost: \$540,0						
	Manatee (County: \$270,0	000					
	District: \$2	270,000 with \$	135,000 requested in F	/2021 and \$135,000 anticipa	ated to be requested			
	in future y	ears.						
		I	Evaluation					
Application Quality:								
Project Benefit:	High							
		Currently, flood analysis models are not available or are over 10 years old, and the						
Cost Effectiveness:	Modium	watershed includes regional or intermediate stormwater systems. Medium Project cost per square mile is in the mid-range of historic costs (\$22,605 -						
OOST ENECTIVENESS.	Mediaiii	\$45,500/sq. mi.) for WMPs completed in mixed watersheds.						
Past Performance:	High			hedule and budget for the 2	ongoing projects.			
Complementary Efforts:	- u			em class is 5 and is in the 5				
Project Readiness:	_	Project is rea	dy to begin on or before	December 1, 2020.				
	J		Strategic Goals					
Strategic Goals:	High	Strategic Ini		Assessment and Planning:	Collect and			
		_	=	regional water quality status				
			-	ions and restoration initiativ				
		_	•	nagement: Collect and analy				
			- ·	nin information, flood protect	ion status and trends			
		to support fic	odplain management d	ecision and initiatives.				
		0	I Danildon and Danier					
Fund as High Priority.	Thio proio		I Ranking and Recomr	nendation mited detailed study informa	tion available. The			
Tund as riight honty.				-				
	resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in							
	the project area.							
			Funding					
Funding Source	Р	rior	FY2021	Future	Total			
District		\$0	\$135,0	00 \$135,000	\$270,000			
Manatee County		\$0	\$135,0	· ·				
Total		\$0	\$270,0	00 \$270,000	\$540,000			

	Project No. Q151	WMP – South Manatee County Watersheds							
Ves., Year 1 of 2	Manatee County					FY2021			
Description Description: Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis for the South County Watersheds in Manatee County, FY2021 funding will be utilized to develop a comprehensive GIS based inventory of stormwater system and begin the Watershed Evaluation phase of the project. Measurable Benefit: The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Costs: Total project cost: \$1,488,000 Manatee County; \$744,000 District: \$744,000 with \$372,000 requested in FY2021 and \$372,000 anticipated to be requested in future years. Evaluation Application Quality: High	Risk Level:	Type 4							
Level of Service analysis (LOS). Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis for the South County Watersheds in Manatee County. FY2021 funding will be utilized to develop a comprehensive GIS based inventory of stormwater system and begin the Watershed Evaluation phase of the project. Measurable Benefit: The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Costs: Total project cost: \$1.488.000 Manatee County; \$744,000 with \$372,000 requested in FY2021 and \$372,000 anticipated to be requested in future years. Evaluation Application Quality: High					012				
Level of Service analysis (LOS). Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis for the South County Watersheds in Manatee County. FY2021 funding will be utilized to develop a comprehensive GIS based inventory of stormwater system and begin the Watershed Evaluation phase of the project. Measurable Benefit: The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Costs: Total project cost: \$1.488.000 Manatee County; \$744,000 with \$372,000 requested in FY2021 and \$372,000 anticipated to be requested in future years. Evaluation Application Quality: High	Description:	Complete a Watersh							
County, FY2021 funding will be utilized to develop a comprehensive GIS based inventory of stormwater system and begin the Watershed Evaluation phase of the project. Measurable Benefit: The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Costs: Total project cost: \$1,488,000	•	The state of the s							
Measurable Benefit: The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Costs: Total project cost: \$1,488,000		Management Praction	ce (E	MP) alternative analysis for	the South County Water	rsheds in Manatee			
Measurable Benefit: The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Costs: Total project cost: \$1,488,000 Manatee County: \$744,000 Manatee County: \$744,000 Manatee County: \$744,000 District: \$744,000 with \$372,000 requested in FY2021 and \$372,000 anticipated to be requested in future years. Evaluation			_		-	-			
floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Costs: Total project cost: \$1,48,000 Manatee County: \$744,000 District: \$744,000 with \$372,000 requested in FY2021 and \$372,000 anticipated to be requested in future years. Evaluation Application Quality: High Application included all the required information identified in the CFI Guidelines. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems. Cost Effectiveness: High Project cost per square mile is in the low-range of historic costs (less than \$69,100/sq. mi.) for WMPs completed in urban watersheds. Past Performance: High Based upon an assessment of the schedule and budget for the 2 ongoing projects. Complementary Efforts: High Cooperator's Community Rating System class is 5 and is in the 5 or less range. Project Readiness: High Strategic Goals Strategic Goals: High Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, floor protection status and trends to support floodplain management decision and initiatives. Overall Ranking and Recommendation Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior Fy2021 Future Total Manatee County Manatee County Project Source Prior Sy2021 Sy200 Sy372,000 Sy374,000									
conveyance and to minimize flood damage. Costs: Total project cost: \$1,488,000 Manatee County: \$744,000 District: \$744,000 with \$372,000 requested in FY2021 and \$372,000 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 WMP will analyze flooding and water quality problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems. Cost Effectiveness: High Project cost per square mile is in the low-range of historic costs (less than \$69,100/sq, mi.) for WMPs completed in urban watersheds. Past Performance: High Based upon an assessment of the schedule and budget for the 2 ongoing projects. Complementary Efforts: High Cooperator's Community Rating System class is 5 and is in the 5 or less range. Project Readiness: High Project is ready to begin on or before December 1, 2020. Strategic Goals: Strategic Goals: High Strategic Hitiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Overall Ranking and Recommendation Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Prior Fy201 Future Total Manatee County \$0 \$372,000 \$372,000 \$744,000	Measurable Benefit:			•		•			
Costs: Total project cost: \$1,488,000 Manatee County: \$744,000 District: \$744,000 with \$372,000 requested in FY2021 and \$372,000 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 Application included all the required information identified in the CFI Guidelines. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems. Cost Effectiveness: High Project cost per square mile is in the low-range of historic costs (less than \$69,100/sq. mi.) for WMPs completed in urban watersheds. Past Performance: High Based upon an assessment of the schedule and budget for the 2 ongoing projects. Complementary Efforts: High Cooperator's Community Rating System class is 5 and is in the 5 or less range. Project Readiness: High Project is ready to begin on or before December 1, 2020. Strategic Goals: Strategic Goals: High Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Overall Ranking and Recommendation Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior Fy2021 Future Total Manatee County \$0 \$372,000 \$372,000 \$374,000					nagement programs to m	aintain storage and			
Manatee County: \$744,000 District: \$744,000 with \$372,000 requested in FY2021 and \$372,000 anticipated to be requested in future years. Evaluation	Costs:	•		•					
District: \$744,000 with \$372,000 requested in FY2021 and \$372,000 anticipated to be requested in future years. Evaluation	000101								
Project Benefit: High		-			21 and \$372,000 anticipa	ited to be requested			
Application Quality: High Application included all the required information identified in the CFI Guidelines.		in future years.		•	•	·			
Project Benefit: High				Evaluation					
Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems. Poject cost per square mile is in the low-range of historic costs (less than \$69,100/sq. mi.) for WMPs completed in urban watersheds. Past Performance: High Based upon an assessment of the schedule and budget for the 2 ongoing projects. Complementary Efforts: High Cooperator's Community Rating System class is 5 and is in the 5 or less range. Project Readiness: High Project is ready to begin on or before December 1, 2020. Strategic Goals: Strategic Goals: High Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Overall Ranking and Recommendation Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000	Application Quality:	High Applicati	on ir	cluded all the required infor	mation identified in the C	FI Guidelines.			
watershed includes regional or intermediate stormwater systems. Cost Effectiveness: High Project cost per square mile is in the low-range of historic costs (less than \$69,100/sq. mi.) for WMPs completed in urban watersheds. Past Performance: High Based upon an assessment of the schedule and budget for the 2 ongoing projects. Complementary Efforts: High Cooperator's Community Rating System class is 5 and is in the 5 or less range. Project Readiness: High Project is ready to begin on or before December 1, 2020. Strategic Goals: Strategic Goals: High Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Overall Ranking and Recommendation Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000	Project Benefit:	High The WM	High The WMP will analyze flooding and water quality problems that exist in the watershed.						
Project cost per square mile is in the low-range of historic costs (less than \$69,100/sq. mi.) for WMPs completed in urban watersheds. Past Performance: High Based upon an assessment of the schedule and budget for the 2 ongoing projects. Complementary Efforts: High Cooperator's Community Rating System class is 5 and is in the 5 or less range. Project Readiness: High Project is ready to begin on or before December 1, 2020. Strategic Goals: Strategic Goals: High Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Overall Ranking and Recommendation Overall Ranking and Recommendation This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior FY2021 Future Total									
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Complementary Efforts: High Cooperator's Community Rating System class is 5 and is in the 5 or less range. Project Readiness: High Project is ready to begin on or before December 1, 2020. Strategic Goals	Poot Porformance								
Project Readiness: High Project is ready to begin on or before December 1, 2020. Strategic Goals Strategic Goals: High Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Overall Ranking and Recommendation Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$744,000					<u>-</u>				
Strategic Goals Strategic Goals: High Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Overall Ranking and Recommendation Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000		· ·				or less range.			
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support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Overall Ranking and Recommendation Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000	Strategic Goals.								
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determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Overall Ranking and Recommendation				_					
Coverall Ranking and Recommendation Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000		_		-					
Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000		to suppo	rt flo	odplain management decis	ion and initiatives.				
Fund as High Priority. This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. Funding Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000									
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Funding Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000									
Funding Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000									
Funding Source Prior FY2021 Future Total District \$0 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000		trie project area.		Funding					
District \$0 \$372,000 \$372,000 \$744,000 Manatee County \$0 \$372,000 \$372,000 \$744,000	Funding Source	Prior			Future	Total			
Manatee County \$0 \$372,000 \$372,000 \$744,000	-	FIIO	\$0						
				· ·					

Project No. Q159	DAR – Sarasota Co	ınty Be	ee Ridge Water Reclama	tion Facility Aquifer Rec	harge		
Sarasota County						FY2021	
Risk Level:	Type 2		Multi-Year C	ontract: No			
	Description						
Description:	the Upper Floridan a construction of two piping, appurtenance permitting, design, b station, interconnect	This project is for the recharge of reclaimed water meeting high-level disinfection standards into the Upper Floridan aquifer for SWUCA/MIA recovery. The overall project components include construction of two recharge wells, three monitoring wells, a pump station, interconnecting piping, appurtenances necessary for recharge, monitoring and testing. The County will fund all permitting, design, bidding and construction of one recharge well, one monitoring well, the pump station, interconnecting piping, appurtenances necessary for recharge, monitoring and testing. District funding is requested in FY21 for construction of one recharge well, two monitoring wells, and testing					
Measurable Benefit:			le benefit will be construct on rate of 5 MGD calculat	-			
Costs:	<u>-</u>	52,181,	324 (Construction of one	recharge well, two monit	oring wells and		
	testing) Sarasota County sh District share: \$1,09		,090,662				
	, ,	•	Evaluation				
Application Quality:		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:	non-pota	h The benefit of this project is to expand the use of reclaimed water to recharge non-potable portions of the Upper Floridan aquifer to improve aquifer water level conditions in the MIA of the SWUCA.					
Cost Effectiveness:	High The proj	The project is consistent with the range of costs for similarly funded projects.					
Past Performance:	Medium Based o	n asses	ssment of the schedule ar	nd budget for the 3 ongoi	ng projects.		
Complementary Efforts:	reuse ra program	te struc in plac	ty's reclaimed water syste ctures for high volume wat be that has proactive recla environmental benefits.	er users. Additionally the	Cooperator has a		
Project Readiness:	High Project i	s ready	to begin on or before De	cember 1, 2020.			
			Strategic Goals				
Strategic Goals:	water to Southe Recove						
Fund as High Driggity			Ranking and Recommend		table pertions of the		
Fund as High Priority.	This project will expand beneficial use of reclaimed water to recharge non-potable portions of the Upper Floridan aquifer to improve aquifer water level conditions in the MIA of the SWUCA. The County may pursue potential future net benefit or impact offset potable water supply based on this project. If pursued, contractually, the County will be required to comply with District cooperative funding guidelines, policies, and procedures and water use permitting rules. If successful, this project is expected to improve aquifer levels in the MIA of the SWUCA. Funding						
Funding Source	Prior		FY2021	Future	Total		
District		\$0	\$1,090,662	\$0		,090,662	
Sarasota County		\$0	\$1,090,662	\$0		,090,662	
Total		\$0	\$2,181,324	\$0	· ·	,181,324	

Project No. Q160	Reclaimed - Sarasota (Co. Honore Ave Reclaimed \	Water Transmission Pro	ject					
Sarasota County				FY2021					
Risk Level:	Type 2	Type 2 Multi-Year Contract:							
		Yes, Year 1	of 2						
	Description								
Description:	This project is for the de	is project is for the design, permitting and construction of approximately 17,500 feet of							
		ission mains and other neces	· · · · · · · · · · · · · · · · · · ·						
	•	oproximately 1,066 homes within the Palmer Ranch portion of the Sarasota County reclaimed							
		ter service area and to enable supply to future planned subdivisions.							
Measurable Benefit:		rable Benefit of this project is							
		nes for an anticipated 351,95							
	done in accordance with	the Southern Water Use Car	ution Area (SWUCA). Co	onstruction will be					
Costs:		00,000 (Design, Permitting, C	`onstruction)						
300.0.		000 with \$500,000 requested		00 anticipated to be					
	requested in future year	- -							
	Sarasota County Share								
Evaluation									
Application Quality:	High Application i	· · · · · · · · · · · · · · · · · · ·							
Project Benefit:	High The benefit								
	customers for an anticipated 351,955 gpd of water savings wtihin the Most Impacted								
		Area of the Southern Water Use Caution Area (SWUCA).							
Cost Effectiveness:	•								
	_	gallon average for alternative supplies. The estimated cost benefit is \$2.06 per 1,000 gallons of water resource benefit which is within the cost range for reuse project which							
	"	ge from a low of \$0.15 per 1,	•						
		رة المالة عن المالة المالة المالة المالة	-	se projects and up to					
Past Performance:		an assessment of the sched		ongoing projects.					
Complementary Efforts:		ounty's reclaimed water syste	-						
,		tructures for high volume wat	•						
	expansion p	olicies which maximize utiliza	ation, water resource ber	nefits and					
	environment								
Project Readiness:	Medium Project is ex	pected to begin on or before	March 1, 2021.						
		Strategic Goals							
Strategic Goals:	·	itiative - Reclaimed Water:		of reclaimed					
		luce demand on traditional w							
	Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA)								
	Recovery S	trategy. all Ranking and Recommen	dation						
Fund as High Priority.		ended for funding as it reduce		supplies in the					
and as ingit i nonty.	SWUCA and is cost effe		o renarios em traditional	oappilos in tilo					
		Funding							
Funding Source	Prior	FY2021	Future	Total					
District	\$(\$500,000	\$1,000,000	\$1,500,000					
Sarasota County	\$(\$500,000	\$1,000,000	\$1,500,000					
Total	\$0	\$1,000,000	\$2,000,000	\$3,000,000					

Project No. Q168	Conservati	onservation – Manatee Co. Toilet Retrofit Phase 14						
Manatee County						FY	Y2021	
Risk Level:	Type 1			Multi-Year C	Contract: No			
Description								
Description:	Make avai	lable financial	incentives to r	esidential cus	tomers for the replaceme	ent of conventional		
	toilets with	high-efficienc	y toilets which	use 1.28 gall	ons per flush or less and	to commercial		
		•			s with ultra-low flow toilet			
					able rebates and prograr			
			-	-	lets. Also included are e			
				-	ry to ensure the success	· -		
					operator may perform mo	ore		
Management Danielle		s/rebates as t						
Measurable Benefit:				Il be the imple	ementation of the prograr	n and the		
Contai		n of a final repo ect Costs: \$16						
Costs.	•							
		lanatee County: \$82,500 istrict: \$82,500						
Evaluation								
Application Quality:	High	High Application included all of the required information identified in the CFI Guidelines.						
Project Benefit:	High	ligh The benefit of this project is an estimated 26,380 gpd of water conserved in the						
_	_	Southern Wa	ter Use Cautio	n Area (SWU	CA).			
Cost Effectiveness:	High	Project cost e	effectiveness is	s below \$3.00	per thousand gallons sa	ved.		
Past Performance:	High	•			ule and budget for the 2	ongoing projects.		
Complementary Efforts:	Medium	Cooperator p	er capita is be	tween 75 and	125 gpcd.			
Project Readiness:	Medium	Project is rea	dy to begin on	or before Ma	rch 1, 2021.			
			Strategio	Goals				
Strategic Goals:	High	Strategic Ini	tiative - Cons	ervation : Enh	ance efficiencies in all w	ater-use sectors to		
		ensure bene	ficial use.					
			•	Implement S	outhern Water Use Caut	ion Area (SWUCA)		
		Recovery St						
Front or Ulinto Date 1	T1: :		I Ranking and					
Fund as High Priority.	This proje	ct conserves p	otable water s Fund		SWUCA and is cost effect	ive.		
Funding Course	n	rior	Fund FY20		Future	Total		
Funding Source Manatee County	P		F120			Total	2 500	
District		\$0 \$82,500 \$0 \$82,5 \$0 \$82,500 \$0 \$82,5						
		\$0 \$0		\$82,500 \$165,000	\$0 \$0		32,500 35,000	
Total		ΨΟ		φ100,000	ΨΟ	Ι Ψ10.	,5,500	

Project No. Q179	Conservat	Conservation – Venice Toilet Rebate and Retrofit Phase 8						
City of Venice		FY202 ⁻						
Risk Level:	Type 1	Type 1 Multi-Year Contract: No						
			Descri	ption				
Description:	toilets with customers gallons per replacement do-it-yours showerhed promotion be less that	Make available financial incentives to residential customers for the replacement of conventional bilets with high-efficiency toilets which use 1.28 gallons per flush or less and to commercial ustomers for the replacement of conventional toilets with ultra-low flow toilets which use 1.6 allons per flush or less. This project will include rebates and program administration for the eplacement of approximately 175 high flow toilets and urinals. In addition, approximately 400 o-it-yourself conservation kits will be distributed. These include educational materials, low-flow howerheads, and leak detection dye tablets. Also included are educational materials, program romotion, and surveys necessary to ensure the success of the program. Should actual costs e less than anticipated, the Cooperator may perform more installations/rebates as the vailability of funds allow.						
Measurable Benefit:	completio	contractual Measurable Benefit will be the implementation of the program and the appletion of a final report.						
Costs:	City of Ve	Total Project Cost: \$47,800 City of Venice: \$23,900 District: \$23,900						
			Evalu	ation				
Application Quality:	High	Application in	cluded all the	required infor	mation identified in the	CFI guidelines.		
Project Benefit:	High		f the project is rn Water Use		tion of approximately 5,	371.94 gallons per day		
Cost Effectiveness:	Medium	Project cost e	effectiveness is	s between \$3.	.01 and \$6.01 per thous	and gallons saved.		
Past Performance:	High	Based upon a	an assessmen	t of the sched	ule and budget for the 1	ongoing project.		
Complementary Efforts:	High	Cooperator p	er capita is be	low 75 gpcd.				
Project Readiness:	Medium	Project is rea	dy to begin on	or before Ma	rch 1, 2021.			
			Strategi	c Goals				
Strategic Goals:	, and the second							
Fund as High Priority.	Project co							
Tana ao Fiigir Fiolity.	i roject co	noorvoo potab	Func		io cost chicotive.			
Funding Source	Р	rior	FY20		Future	Total		
District		\$0		\$23,900	\$(00	
City of Venice		\$0		\$23,900	\$(, -,-	_	
Total		\$0		\$47,800	\$(

Project No. Q185	Conservati	onservation – North Port Water Distribution Hartsdale/Aldonin/Totem Area Looping							
City of North Port	Project				FY2021				
Risk Level:	Type 2	Type 2 Multi-Year Contract: No							
	Description								
Description:	Constructi	on of approxim	nately 6,000 feet of new po	table water lines and asso	ciated components				
	necessary	to eliminate sy	stem dead ends. This is c	onsidered a utility-based s	supply side				
			will reduce routine flushing	-	g potable water				
			est and central areas of the						
Measurable Benefit:			able Benefit will be the con	• • • • • • • • • • • • • • • • • • • •	-				
			ed components to eliminate	-	-ends.				
Costs:			e in accordance with the pe 000 (Construction)	ermitieu pians.					
00313.		rth Port: \$207,	,						
	District \$2								
	Evaluation								
Application Quality:	Medium								
		District PM/CM had to work with cooperator to obtain remaining required information.							
Project Benefit:	High								
Cost Effectiveness:	Madium	Southern Water Use Caution Area (SWUCA). Medium Project cost effectiveness is between \$3.01 and \$6.00 per thousand gallons saved.							
Past Performance:			an assessment of the sche	· · · · · · · · · · · · · · · · · · ·	•				
Complementary Efforts:			er capita is below 75 gpcd.		origoning projects.				
Project Readiness:	ŭ		dy to begin on or before De						
1 rojoct readinoses	riigii	1 Tojourio Tua	Strategic Goals	1, 2020.					
Strategic Goals:	Hiah	Strategic Ini	tiative - Conservation: En	hance efficiencies in all w	ater-use sectors to				
		ensure benef							
		Southern Re	gion Priority: Implement	Southern Water Use Cauti	on Area (SWUCA)				
		Recovery Strategy.							
			I Ranking and Recommer						
Fund as High Priority.	Project wi	I conserve pot	able water in the SWUCA	and is cost effective.					
Funding Course	Funding								
Funding Source District	l P	Prior FY2021 Future Total							
City of North Port		\$0 \$207,500 \$0 \$207,500 \$0 \$207,500 \$0 \$207,500							
Total		\$0 \$0	\$207,500 \$415,000		\$207,500 \$415,000				
เบเสเ		عال علال \$415,000 \$0 \$415,0							

Project No. Q191	WMP - North	Manatee C	ounty Watersheds					
Manatee County		FY202						
Risk Level:	Type 4	Type 4 Multi-Year Contract: Yes, Year 1 of 2						
			Description					
Description:	Level of Ser Managemen County. FY2	Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater evel of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis for the North County Watersheds in Manatee County. FY2021 funding will be utilized to develop a comprehensive GIS based inventory of tormwater system and begin the Watershed Evaluation phase of the project.						
Measurable Benefit:	floodplain in	The contractual Measurable Benefit will be the completion of a WMP that will develop better oodplain information and implement floodplain management programs to maintain storage and onveyance and to minimize flood damage.						
Costs:	Total project Manatee Co	otal project cost: \$1,534,500 Manatee County: \$767,250 District: \$767,250 with \$383,625 requested in FY2021 and \$383,625 anticipated to be requested						
			Evaluation					
Application Quality:	-							
Project Benefit:		igh The WMP will analyze flooding and water quality problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.						
Cost Effectiveness:	· ·	High Project cost per square mile is in the low-range of historic costs (less than \$69,100/sq. mi.) for WMPs completed in urban watersheds.						
Past Performance:	High E	ased upon a	an assessment of the sch	edule and budget for the 2	ongoing projects.			
Complementary Efforts:	High C	ooperator's	Community Rating Syste	m class is 5 and is in the 5	or less range.			
Project Readiness:	High F	roject is rea	dy to begin on or before [December 1, 2020.				
Strategic Goals:	- - - - - -	Strategic Goals Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.						
			I Ranking and Recomme					
Fund as High Priority.	resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area.							
Funding Course	D.:		Funding	Entres	Total			
Funding Source	Pric		FY2021	Future	Total			
Manatee County		\$0						
District		\$0 \$0			1			

Project No. Q202	Study - PR	MRWSA Sout	hern Regiona	l Loop Phas	e 2B & 2C Feasibility and	d Routing
PRMRWSA						FY2021
Risk Level:	Type 2			Multi-Year (Yes, Year 1		
			Descri			
Description:	A feasibility	study to eval	uate the route	options and	infrastructure requiremen	ts that will enable
			•		ity's regional transmissio	-
			•		er Treatment Facility in Sa	<u>-</u>
				•	ng, new pumping and che	
	-	• •	modifications t	o support thi	s system interconnection	project, and cost
Moscurable Renefit:	estimation.		bla Danafit wil	l ha camplet	ion of a foodibility atualy th	ant produces
Measurable Benefit:				-	ion of a feasibility study the, and cost estimates.	iai produces
Costs:		ct cost: \$400,0		equirements	, and cost estimates.	
00313.		A: \$200,000	500			
			150,000 reque	sted in FY20	21 and \$50,000 in future	vears.
	·	,	Evalua		· · · · · · · · · · · · · · · · · · ·	,
Application Quality:	High	Application in	cluded all the i	required info	rmation identified in the C	FI Guidelines.
Project Benefit:	High	The benefit of	f this project is	information	to address the optimal pip	peline route as well
		as the most c	ost effective w	ay to improv	e regional delivery of AW	S water to the central
		•			y's service area.	
Cost Effectiveness:	~			asonable and	d consistent with the Distr	ict's costs for AWS
Dood Doufourson		feasibility stud		of the cohec	dula and hudget for the 1	angaing praincts
Past Performance:					dule and budget for the 4 potable water to the custo	
Complementary Efforts:	High				es and the City of North P	
Project Readiness:	High				e December 1, 2020.	ort.
•	J I	' '	Strategio		, ,	
Strategic Goals:	High	Strategic Ini	tiative - Altern	ative Water	Supplies: Increase devel	opment of
		_			roundwater and surface v	-
		Southern Re	gion Priority:	Implement S	Southern Water Use Cauti	on Area (SWUCA)
		Recovery Str	rategy.			
			l Ranking and			
Fund as High Priority.				-	ne PRMRWSA regional lo	
	southern Sarasota and northern Charlotte Counties. This pipeline segment will allow for bidirectional water transfer and greater use of alternative water supplies.					
	bidirection	aı water transf			native water supplies.	
Funding Source	Funding Prior FY2021 Future Total					
PRMRWSA	Pr	10r \$0		\$150,000	Future \$50,000	Total \$200,000
District		\$0 \$0		\$150,000		\$200,000
Total		\$0 \$0		\$300,000	\$100,000	\$400,000
TOTAL		ΨΟ		ψυσυ,σου	ψ100,000	ψ -1 00,000

Project No. Q205	Study - PF	RMRWSA Phas	se 3C Integrated	Loop Rout	ting and Feasibility				
PRMRWSA							FY2021		
Risk Level:	Type 2		М	ulti-Year C	ontract:				
			Ye	es, Year 1 d	of 2				
			Description	on					
Description:		A feasibility study to evaluate pipeline routing options, infrastructure requirements and the							
		-	- :		ission system from Sara	-			
		•	•	•	mine pipeline routes, sizi	•			
					s to existing county and mated cost of all propose				
		isting facility im		ino the esti	mated bost of all proposi	ca new lacilities as			
Measurable Benefit:				e the comp	letion of a feasibility stud	dy that produces			
				-	nd the cost of extending	•			
			n north Sarasota	County to I	Manatee County.				
Costs:		ect cost: \$600,0	000;						
		A: 300,000;	200 000 =======	-d : □V202	04 and \$400,000 to be no				
	years.	300,000 with \$2	200,000 requeste	a in F 1 202	21 and \$100,000 to be re	quested in future			
	yours.		Evaluatio	on					
Application Quality:	High	Application in	cluded all the req	uired inforr	mation identified in the C	FI Guidelines.			
Project Benefit:	High	The benefit o	f this project will b	oe informat	ion to address the optima	al pipeline route as			
		well as the m	ost cost-effective	way to inte	erconnect and move regi	onal AWS water			
		north to Mana							
Cost Effectiveness:	High	feasibility stud		onable and	consistent with the Distr	ict's costs for AVVS			
Past Performance:	High			the schedu	ule and budget for the 4	ongoing projects.			
Complementary Efforts:	<u> </u>				otable water to the custo				
	ŭ				and the City of North Po				
Project Readiness:	High	Project is rea	dy to begin on or	before Dec	cember 1, 2020.				
			Strategic G	oals					
Strategic Goals:	High	_			Supplies: Increase devel	•			
				_	oundwater and surface v				
		Recovery Sti	-	plement So	outhern Water Use Cauti	on Area (SWUCA)			
			Ranking and Re	ecommeno	lation				
Fund as High Priority.	This feasil				e PRMRWSA regional lo	op system through			
	central an	d northern Sar	asota County into	Manatee (County. This pipeline se				
	bidirection	nal water transf			ative water supplies.				
			Funding						
Funding Source	P	rior	FY2021	#000 000l	Future	Total	# 000 000		
District		\$0		\$200,000	\$100,000		\$300,000		
PRMRWSA		\$0 \$0		\$200,000 \$400,000	\$100,000 \$200,000		\$300,000 \$600,000		
Total	l	Φ 0	,	φ 4 00,000	φ200,000		φυυυ,υυυ		

Project No. Q212	Study - PF	Study – PRMRWSA Reservoir #3 Feasibility and Siting								
PRMRWSA		FY202 ⁻								
Risk Level:	Type 2	Type 2 Multi-Year Contract: No								
	Description									
Description:	River Wat supplies s drinking w conceptua such as ra	his project is for a siting and feasibility study for a third surface water reservior at the Peace iver Water Treatment Facility in DeSoto County. A new reservoir would support use of water upplies skimmed from the Peace River as an alternative supply, reliably meeting much of the rinking water needs in the District's southern water use planning area. The study will evaluate conceptual sizing, siting, mitigation, operational drivers and associated facility requirements, uch as raw water pipelines, for a third off-stream reservoir and increased river intake capacity for the Peace River Facility.								
Measurable Benefit:	requirements supply can mgd in avacturing the Total projection	ents, detail and pacity at the Pe erage daily supenext 20 years ect cost: \$1,250		ling off-stream storage ct has the potential to y	and surface water ield at least 15					
	District: \$6 PRMRWS	625,000 6A: \$625,000								
		la e e	Evaluation							
Application Quality:			cluded all the required informa							
Project Benefit:	High		as the potential to yield at lea of the projected additional suears.							
Cost Effectiveness:	High		ctiveness appears reasonable ility studies for alternative wat		he range of previous					
Past Performance:	High	Based upon a	n assessment of the schedule	e and budget for the 4 o	ongoing projects.					
Complementary Efforts:	High	1	is a wholesale supplier of pot atee and Sarasota Counties a		·					
Project Readiness:	High	Project is rea	dy to begin on or before Dece	mber 1, 2020.						
Strategic Goals:	High	Strategic Goals								
Fund as High Priority.		Overall Ranking and Recommendation This feasibility study will support future storage capacity increases at the Peace River Water Treatment Facility, improving local and regional system reliability and increased supply. Funding								
Funding Source	Р	rior	FY2021	Future	Total					
District		\$0	\$625,000	\$0	\$625,000					
PRMRWSA		\$0	\$625,000	\$0	\$625,000					
Total		\$0	\$1,250,000	\$0	\$1,250,000					

Project No. Q214	Conservati	Conservation – Palmetto Toilet Rebate Project Phase 2						
Palmetto		FY20						
Risk Level:	Type 1	Type 1 Multi-Year Contract: No						
Description								
Description:	toilets with customers gallons pe replaceme conservati bath and k other wate promotion be less that	Make available financial incentives to residential customers for the replacement of conventional oilets with high-efficiency toilets which use 1.28 gallons per flush or less and to commercial customers for the replacement of conventional toilets with ultra-low flow toilets which use 1.6 gallons per flush or less. This project will include rebates and program administration for the replacement of approximately 200 high flow toilets. In addition, approximately 200 do-it-yourself conservation kits will be distributed. The kits will contain such items as low-flow showerheads, both and kitchen aerators, toilet flapper valves, toilet tank leak detection tables, rain gauges and other water conservation educational materials. Also included are educational materials, program promotion, and surveys necessary to ensure the success of the program. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow.						
Measurable Benefit:		actual measure n of a final repo		l be the imple	mentation of the progra	m and the		
Costs:	Total Proje District: \$1	ect Cost: \$26,5	000					
			Evaluat	ion				
Application Quality:	High	Application in	cluded all the re	equired inforn	nation identified in the C	FI Guidelines.		
Project Benefit:	High		f the project is t rn Water Use C		on of approximately 10,	660 gallons per day	′	
Cost Effectiveness:	Medium				1 and \$6.01 per thousa	nd gallons saved.		
Past Performance:	High	Based on an	assessment of	the schedule	and budget for 1 ongoir	ng project.		
Complementary Efforts:	High	Cooperator pe	er capita is belo	w 75 gpcd.				
Project Readiness:	Medium	Project is read	dy to begin on c	or before Mar	ch 1, 2021.			
			Strategic	Goals				
Strategic Goals:	High							
Fund as High Priority.	Project wi	I conserve pota			thern Water Use Cautio	n Area and is		
			Fundi	ng				
Funding Source	Р	Prior FY2021 Future Total						
District		\$0		\$13,250	\$0		\$13,250	
Palmetto		\$0		\$13,250	\$0		\$13,250	
Total		\$0		\$26,500	\$0		\$26,500	

Project No. W297	Study – Pe	arce Drain/Ga	p Creek Water Q	uality Plan	1				
Manatee County						FY2021			
Risk Level:	Type 3		М	ulti-Year C	ontract: No				
		Description							
Description:	Provide ar	assessment f	or nutrients and t	o propose o	conceptual BMPs includ	ing stormwater			
			•	-	elopment (LID) and/or na				
		•			ads in the 10 square mile	e watershed which			
			y, a SWIM priority						
Measurable Benefit:				e the comp	letion of the study.				
Costs:		ect Cost: \$110,	, .,						
	District: \$5	County: \$55,00	00						
	Бізпіст. фо	00,000	Evaluatio	on					
Application Quality:	High	Application in	cluded all the req	uired inforn	nation identified in the C	FI Guidelines.			
Project Benefit:	High	The Resource	e Benefit of the pr	oject is an	assessment of nutrient	oading and a			
		· .	•		ng stormwater and/or na	•			
			•	•	ty and natural systems v	vithin a watershed			
			o Tampa Bay, a S						
Cost Effectiveness:					ar District funded studie				
Past Performance:	J				ule and budget for the 2				
Complementary Efforts:	High		•		tilizer ordinances and in	•			
Project Readiness:	Medium		dy to begin on or		stormwater education pro	ograms.			
1 Toject Readilless.	Mediaiii	i rojectis rea	Strategic G		GIT 1, 2021.				
Strategic Goals:	High	Strategic Ini			ssment and Planning:	Collect and			
	1 11911	_		-	onal water quality status				
		-		_	and restoration initiative				
		Tampa Bay I	Region Priority: I	mprove La	ke Thonotosassa, Tamp	a Bay, Lake Tarpon			
		and Lake Se							
			I Ranking and Re						
Fund as High Priority.		This project is cost effective and will assess nutrient loading and propose conceptual BMPs to							
	reduce nutrients discharging to Tampa Bay, a SWIM priority water body. Funding								
Funding Source	D	Prior FY2021 Future Total							
District		\$0		\$55,000	\$0	T			
Manatee County		\$0		\$55,000	\$0	\$55,000			
Total		\$0		\$110,000	\$0				

Project No. W643	SW IMP - V	SW IMP – Water Quality – Anna Maria BMPs Phase K						
City of Anna Maria					FY2021			
Risk Level:	Туре 3		Multi-Year	Contract: No				
Description								
Description:	Design, pe	ermitting, and o	construction of stormwater i	retrofits in the City of Ann	a Maria to improve			
	water qua	lity discharging	յ to Tampa Bay, a SWIM pr	iority water body.	·			
Measurable Benefit:			able Benefit will be the desi	.				
			B acres of highly urbanized					
	in accorda	ance with the p	ermitted plans. Project also	includes ancillary flood p	protection benefits.			
			ing or performance testing i					
Costs:	-		,000 (Design, permitting, co	onstruction)				
	-	na Maria: \$300	0,000					
	District: \$3	300,000	= 1.0					
A 11 41 O 114			Evaluation		OF Cod delines			
Application Quality:	-		cluded all the required info					
Project Benefit:	High		e Benefit of the project is th	•				
			water body, by an estimate	•	lbs/yr TP. This			
0 1 = " "	11: 1		as flood protection ancillary		5 A 4 7 O (II) TI			
Cost Effectiveness:	Hign	High The estimated cost/lb of TN removed is below the historical average of \$176/lb. The estimated cost/lb of TP removed is below the historical average of \$1498/lb.						
Past Performance:	High	+	assessment of the schedul					
Complementary Efforts:	-		assessment of the schedul		going project.			
•	_	<u> </u>						
Project Readiness:	High	Project is rea	dy to begin on or before De	ecember 1, 2020.				
24 4 4 2 4			Strategic Goals		. 5			
Strategic Goals:	High	_	tiative - Water Quality Mai	•	·			
			ent programs, projects and i	regulations to maintain ar	id improve water			
		quality.	Danian Drianitan Insurance I	aka Thanataaaaa Tanan	a Day Laka Taman			
		and Lake Se	Region Priority: Improve L	ake monolosassa, ramp	а вау, саке тагроп			
			I Ranking and Recommen	dation				
Fund as High Priority.	This proje		_		a Bay, a SWIM			
		This project is cost effective and improves water quality discharging to Tampa Bay, a SWIM priority water body. This project will also have flood protection ancillary benefits.						
	,	,,	Funding	, , , , , , , , , , , , , , , , , , , ,				
Funding Source	Р	Prior FY2021 Future Total						
District		\$0	\$300,000	\$0	\$300,000			
City of Anna Maria		\$0	\$300,000					
Total		\$0	\$600,000	\$0				

Project No. W644	Study – Sa	rasota County	/ Groundwater Nutrient Ev	aluation					
Sarasota County					FY2021				
Risk Level:	Туре 3		Multi-Year C	Contract: No					
		Description							
Description:	quality in k presumed reclaimed determine	tey locations in to lead to elev water usage a the concentra	rification BMP implementati a Sarasota County associate ated groundwater nutrients reas, high fertilizer usage an tion of nutrients as well as g	ed with multiple types of la including but not limited t reas, and former landfills. roundwater seepage rate	and uses to septic systems, Project will es in estuarine				
			e identification of groundwat		onitoring stations,				
Measurable Benefit:			ent hot spots for future BMF able Benefit will be the comp						
Costs:		ect Cost: \$300,	•	netion of the study.					
00313.		County: \$150,0							
			Evaluation						
Application Quality:	Medium		cluded most of the required M had to work with coopera						
Project Benefit:	High	locate the pro	e Benefit is a feasibility stud oper location for groundwate Sarasota Bay and Charlotte	er denitrification BMPs. Po	otential sites				
Cost Effectiveness:	Medium	The cost effe	ctiveness for this study is sli	ghtly higher than compar	able past projects.				
Past Performance:	Medium	Based upon a	an assessment of the sched	ule and budget for the 3	ongoing projects.				
Complementary Efforts:	High	Applicant has	an active stormwater utility	that collects fees.					
Project Readiness:	High	Project is rea	dy to begin on or before De	cember 1, 2020.					
			Strategic Goals						
Strategic Goals:	High								
E 1 121 B1			I Ranking and Recommend						
Fund as High Priority.	maximize	This project will identify nutrient hot spots and evaluate ideal locations in Sarasota County to maximize groundwater nutrient BMPs associated with seepage into the estuarine habitats of Sarasota Bay and Charlotte Harbor, both SWIM priority water bodies.							
Eunding Course		Funding							
Funding Source Sarasota County	l P	rior \$0	FY2021 \$150,000	Future \$0	Total \$150,000				
District		\$0 \$0	\$150,000 \$150,000	\$0 \$0	\$150,000				
Total		\$0 \$0		\$0 \$0	\$300,000				
เบเลเ	l	ΨΟ	ψ300,000	ΨΟ	Ψ000,000				

Project No. Q050	ASR - City of	of Venice Rec	laimed Water	ASR						
City of Venice							FY2021			
Risk Level:	Type 3			Multi-Year Con	itract:					
		Yes, 2 of 5								
		Description								
Description:		Design, permitting, construction, testing, and independent performance evaluation (IPE) of an								
	-	-			nd recover at least 25 m					
					side Water Reclamation					
			-		SR would let the City sto y season when demand					
					and third party review (•				
					The FY2021 funding re-					
					for construction, testing,					
	operational		_	_	_					
Measurable Benefit:	The contra	ctual Measura	ble Benefit is t	the design, perm	nitting, construction, testi	ing, and				
	-	-			that will operate for 20	-				
					ed using a 5-year moving	g average.				
Costs:			cost: \$5,065,00	00						
		ice: \$2,532,50		-4 :		.t.d: FV0004				
			_	etea in previous ested in future ye	years, \$150,000 reques	sted in FYZUZI,				
	and \$2,500	,000 anticipat	Evalua	·	5a15					
Application Quality:	Medium	The application			ed information identified i	in the CFI				
Application quality.				•	cooperator to obtain re					
		information.			ı	5 1				
Project Benefit:	Medium	If constructed	, the benefit w	ould be develop	ment of at least 25 mgy	in reclaimed wate	r			
		storage/recov	ery in the SWI	JCA; this would	enable supply to approx	kimately 500				
		additional reclaimed users, potentially reducing irrigation groundwater withdrawals by								
			-	illons per day (m	ngd). The City projects s	toring/recovering				
Coat Effectiveness		185 mgy by 2		milarly funded D	intrint projects					
Cost Effectiveness: Past Performance:				milarly funded D	and budget for the 1 on	agoing project				
					system. City Code provid	• • • • • • • • • • • • • • • • • • • 				
Complementary Efforts:		-	•		ements/procedures for re	_				
Project Readiness:				or before March		oldimod dorvido.				
		,	Strategic		,					
Strategic Goals:	High	Strategic Init			ximize beneficial use of	reclaimed				
		_		traditional wate						
					thern Water Use Caution	n Area (SWUCA)				
		Recovery Str	ategy.			, ,				
				Recommendat						
Fund as Medium Priority.		-	-	_	nd TPR in early 2021. C	-				
		_		•	yond this task. Anticipat	-				
				•	rning Board will need to					
			-	_	complete design and per tion and testing is compl	-				
			-		of reclaimed water to me					
			-	-	oundwater withdrawals.					
	90		Fund							
Funding Source	Pr	ior	FY202		Future	Total*				
District		\$82,500		\$150,000	\$2,300,000		,532,500			
City of Venice		\$82,500		\$150,000	\$2,300,000		,532,500			
Total		\$165,000		\$300,000	\$4,600,000		,065,000			
				-						

^{*}Conceptual cost estimate, subject to Governing Board Approval

Project No. Q157	SW IMP - F	lood Protecti	on – City of B	radenton Villa	age of the Arts South Drainage			
City of Bradenton	Improveme	ents from 13th	Ave. W. to 17	th Ave. W.		FY2021		
Risk Level:	Туре 3			Multi-Year C	ontract:			
		Yes, Year 1 of 3						
			Descri	otion				
Description:		-			system for the Village of Arts neighborhoo	d		
				-	lenton. Stormwater runoff from the area			
					t capacity to prevent flooding in the Villag	9		
		-	-		t have a stormwater system and			
			ase of the proj	-	2021 funding will be utilized to complete t	ie		
Measurable Benefit:					letion of the design, permitting, and			
modela abio Denomin				-	rage systems within the Wares Creek			
			-		nce with the permitted plans.			
Costs:					id construction)			
		denton: \$1,17						
			•	ested in FY20	021 and \$1,070,000 anticipated to be			
	requested	in future years						
			Evalua					
Application Quality:					mation identified in the CFI Guidelines.			
Project Benefit:	High				educe the existing flooding problems duri	ng		
		-			and street flooding currently occur in the			
				-	egional or intermediate drainage system. onstrated along with the flood protection			
		benefits.	or quality belief	into were derin	onstrated along with the nood protection			
Cost Effectiveness:	Low		ratio is slightly	less than 0.7	(0.66).			
Past Performance:	Medium	Based upon a	an assessment	of the schedu	ule and budget for the 3 ongoing projects.			
Complementary Efforts:	Medium	Cooperator's	Community Ra	ating System	class is 6 and is in the 6 to 9 range.			
Project Readiness:	High	Project is rea	dy to begin on	or before Dec	cember 1, 2020.			
			Strategic	Goals				
Strategic Goals:	High	Strategic Ini	tiative - Water	Quality Main	tenance and Improvement: Develop			
		and impleme	nt programs, p	rojects and re	egulations to maintain and improve water			
		quality.						
		_			Maintenance and Improvement: Develop			
		-		-	egulations to maintain and improve flood trol and conservation structures to minimi	70		
			e while preserv			26		
		nood damag	e wille preserv	ing the water	Todouroc.			
		Overal	I Ranking and	Recommend	lation			
Fund as Medium Priority.	This proie				eet flooding for the 100-yr, 24hr event in t	he		
,		•			quality benefit has been demonstrated.			
			Fund					
Funding Source	P	rior	FY202	21	Future Total			
District		\$0		\$100,000	\$1,070,000	\$1,170,000		
City of Bradenton		\$0		\$100,000	\$1,070,000	\$1,170,000		
Total		\$0		\$200,000	\$2,140,000	\$2,340,000		

Project No. Q208	Study – Sa	rasota Bay Se	ptic to Sewer Water Qual	ity Study			
Sarasota County					FY2021		
Risk Level:	Type 2		Multi-Year	Contract: No			
			Description				
Description:	•	•	fy the best options for conv				
		•	ed by septic systems to a co	entralized wastewater col	lection and		
Measurable Renefit:	treatment s		will be the completion of a	foosibility study			
Costs:		ect Cost: \$5,00		leasibility study.			
Costs.	,	are: \$2,500,00	·				
		Share: \$2,500,					
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Evaluation				
Application Quality:	-						
Project Benefit:	-						
Cost Effectiveness:	-						
Past Performance:	-						
Complementary Efforts:	-						
Project Readiness:	-						
			Strategic Goals				
Strategic Goals:	-						
		Overal	I Ranking and Recommen	ndation			
Not recommended.	The project		mended for funding as it is		2021 CFI Guidelines		
			nding consideration septic t				
	a Springs	Priority Focus	Area (PFA) of a Basin Mar	nagement Action Plan (BN	/IAP) area as		
	identified b	y the FDEP a	nd within the District bound	laries. This project is loca	ited outside of a		
	Springs Pf	A of a BMAP.					
		Funding					
Funding Source	Pı	Prior FY2021 Future Total					
District		\$0	\$2,500,000				
Sarasota County		\$0	\$2,500,000				
Total		\$0	\$5,000,000	\$0	\$5,000,000		

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Tampa Bay Region

FY2021 Cooperative Funding Initiative Final Project

Evaluations and Rankings



Project No. N748				ory Henderso	on Trunkline – Upper Pei	ninsula			
City of Tampa	Watershed	Drainage Imp	rovements				FY2021		
Risk Level:	Type 3			Multi-Year (
				Yes, Year 6	of 6				
			Descri	-					
Description:	for the Dal commercia project as third-party	his project is for design, permitting and construction to improve the existing drainage system or the Dale Mabry Highway and Henderson Boulevard area in the City of Tampa to relieve commercial and street flooding. An alternative analysis was completed in 2012 and identified this roject as a preferred alternative. Funding was approved in FY2016 for 30% design and hird-party review. The District required a third-party review because the conceptual construction stimate is greater than \$5 million dollars. The FY2021 funding request is to complete							
Measurable Benefit:				-	on of design, permitting a				
		-	-		looding in approximately	_	nly		
04					with the permitted plans.				
Costs:	City of Tan	npa: \$18,250,0	000		eview, permitting, and co previous years and \$3,25	·	in		
			Evalua	ation					
Application Quality:	High	Application in	cluded all the	required infor	mation identified in the C	FI Guidelines.			
Project Benefit:	High	the 2.33 year the project are	24-hour storr ea and the pro	n event. Strud oject impacts	reduce the existing floodicture and street flooding of the regional or intermedia constrated along with the	currently occurs in ate drainage syste	n		
Cost Effectiveness:	High		-	than or equa	l to 1. Benefits include av	oided damages	:0		
Past Performance:	High	Based upon a	ın assessmen	t of the sched	ule and budget for the 8	ongoing projects.	ı		
Complementary Efforts:	High	Cooperator's	Community R	ating System	class is 5 and is in the 5	or less range.			
Project Readiness:	High	The project is	ongoing and	on schedule.					
			Strategio	Goals					
Strategic Goals:	High	Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds							
Fund as 1A Priority.	This ongo		Ranking and			on March 27, 204	8		
i dild as IAT Hollty.	following t	This ongoing project was approved for continuation by the Governing Board on March 27, 2018 following the third party review for a total project cost of \$36,500,000. This project will provide flood protection for structures and streets during the 2.33 year, 24-hour storm event. Project area serves as the main evacuation route for South Tampa. Funding							
Funding Source	Pi	rior	FY20		Future	Total			
District		\$15,000,000	1120	\$3,250,000	\$0		18,250,000		
City of Tampa		\$15,000,000		\$3,250,000	\$0		318,250,000		
Total		\$30,000,000		\$6,500,000	\$0		36,500,000		

Project No. N773	SW IMP - F	lood Protecti	on – Cypress St	reet Outfall Reg	ional Stormwater Imp	provements			
City of Tampa							2021		
Risk Level:	Type 3		l N	ulti-Year Contra	act:				
	• .			es, Year 5 of 5					
			Descripti	on					
Description:	Design, pe	esign, permitting and construction to improve the existing drainage system for the West							
		-		•	a to relieve structure a				
					hich extends the Phas				
			•	•	roved in FY2017 for 3	•			
			-		w because the concep nding request is to con				
	construction	-	po minion donaro	11101 12021 141	namy request is to som	прюсо			
Measurable Benefit:	The contra	ctual Measura	ble Benefit will b	e completion of	design, permitting and	construction of			
	the propos	ed project to	onstruct drainag	e conveyance sy	stem BMP's to reduce	e flooding in			
			of highly urbaniz	ed basin. Const	ruction will be in accor	dance with the			
0 1	permitted		10.045 / 1		· · · · · · · · · · · · · · · · · · ·	(*)			
Costs:		ct cost: \$34,5° npa: \$17,258,′	, ,	nird-party review	, permitting and constr	ruction)			
	-	-		laeted in previou	ıs years and \$7,758,10)7 requested in			
	FY2021.	1,200,101 Wil	. 40,000,000 240	igotod iii provida	io youro una princo, re	77 Toquostou III			
			Evaluation	on					
Application Quality:	High	Application in	cluded all the red	quired informatio	n identified in the CFI	Guidelines.			
Project Benefit:	High			•	e the existing flooding	-			
		_			d street flooding curre	•			
					al or intermediate drai				
		benefits.	er quality benefits	were demonstra	ated along with the floo	oa protection			
Cost Effectiveness:	High		atio is greater th	an or equal to 1.	Benefits include avoid	ded damages to			
		structures an	-	· ·		J			
Past Performance:	High	Based upon a	an assessment o	the schedule ar	nd budget for the 8 ong	going projects.			
Complementary Efforts:	High	Cooperator's	Community Ration	ng System class	is 5 and is in the 5 or	less range.			
Project Readiness:	High	The project is	ongoing and on	schedule.					
			Strategic G	oals					
Strategic Goals:	High	_			enance and Improven	-			
		-			tions to maintain and i	3			
		-	nd operate Distri e while preservin		nd conservation struct	ures to minimize			
		_	-	-	: Improve flood protec	tion in Lake			
			•		sborough Rivers and P				
		coastal wate			-	•			
			I Ranking and R						
Fund as 1A Priority.	_			-	Governing Board on				
	_	following the third party review for a total project cost of \$34,516,215. This project will provide flood protection for structures and streets during the 25 year, 24-hour storm event.							
	noou prote	odon for struc	Fundin		our, 24-nour storm eve				
Funding Source	P	rior	FY2021		Future	Total			
District		\$9,500,000		7,758,107	\$0	\$17,258,	,107		
City of Tampa		\$9,500,000		7,758,108	\$0	\$17,258,			
Total		\$19,000,000		5,516,215	\$0	\$34,516,			

Project No. N904	WMP - City of St. Peters	burg Watershed Managem	ent Plan								
City of St. Petersburg	•			FY2021							
Risk Level:	Type 3	Multi-Year (Contract:	, ,							
	71	Yes, Year 3 of 3									
		Description									
Description:	_	Plan (WMP) for the City of	_								
		d including floodplain analysis, Level of Service determination (LOS), Surface Water Resource sessment (SWRA), and Best Management Practices (BMPs) alternative analysis. The City of									
	, , ,	Petersburg last completed a citywide stormwater master plan in 1994. FY2021 funding will									
		floodplain analysis, LOS, S	•	_							
Measurable Benefit:		able Benefit will be the comp									
	_	ation that is critical to bette	•	nage, opportunities							
		and cost effective alternation	ves.								
Costs:	Total project cost: \$1,80										
	City of St. Petersburg: \$ District: \$900,000 with \$	900,000 631,250 budgeted in previo	us vears and \$268 750 r	equested in FY2021							
	Biotriot. \$600,000 With \$	Evaluation	ao youro ana 4200,700 N	0400004 1111 12021.							
Application Quality:	High Application in	cluded all the required infor	mation identified in the C	CFI Guidelines.							
Project Benefit:	High The WMP wi	l analyze flood probelms tha	at exist in the watereshed	d. Currently, flood							
	analysis mod	els are not available or are	over 10 years old, and th	ne watershed includes							
		termediate stormwater system									
Cost Effectiveness:		per square mile is in the low	- ,								
		s completed in urban waters sed upon the metrics in pla		-							
Past Performance:		an assessment of the sched									
Complementary Efforts:		Community Rating System	<u>-</u>								
Project Readiness:		going and on schedule.									
		Strategic Goals									
Strategic Goals:	High Strategic In	tiative - Water Quality Mair	ntenance and Improvem	nent: Develop							
	and impleme	ent programs, projects and r	egulations to maintain ar	nd improve water							
	quality.										
	-	tiative - Floodplain Manag cal and regional floodplain i	•								
		oodplain management decis	•	ion status and trends							
		Region Priority: Improve La		oa Bay, Lake Tarpon							
	and Lake Se		, ,	, ,							
	1	Region Priority: Flood Prot	· ·								
		Pithlachascotee, Anclote an	d Hillsborough Rivers an	d Pinellas County							
	coastal water	rsheds I Ranking and Recommen	dation								
Fund as 1A Priority.		ntifies flood risk in an area		ormation available							
		ll be utilized for flood insura	_								
	•	nd improve water quality, a	•	•							
	development in the project	development in the project area.									
		Funding									
Funding Source	Prior	FY2021	Future	Total							
District	\$631,250		\$0	<u> </u>							
City of St. Petersburg	\$631,250 \$1,262,500		\$0 \$0								
Total	\$1,262,500	\$537,500	\$0	\$1,800,000							

Project No. N965	AWS - TBW Tampa Bypa	ss Canal Gate Automation								
Tampa Bay Water				FY2021						
Risk Level:	Type 3	Multi-Year C	Contract:							
		Yes, Year 3 of 3								
		Description								
Description:		onstruction to equip existing	_	-						
	_	ger flood control gates with remote-controlled motorized actuators at the Tampa Bypass Canal								
		ctures 160, 161, and 162. The structures are owned by the Army Corps of Engineers, the d control gates are operated by the District, and the weir gates are operated by Tampa Bay								
	Water.	berated by the District, and	the weir gates are operation	ес ву таттра вау						
Measurable Benefit:		able Benefit will be the desig	n permitting and constru	uction of remote						
modelarable Deliciti.		e actuators at Tampa Bypa	-							
	_	be done in accordance with		-,						
Costs:	Total project cost: \$1,032	2,000 (Design, permitting ar	nd construction)							
	Tampa Bay Water: \$516									
	District: \$516,000, with \$	427,500 budgeted in previo	us years, \$88,500 reques	sted in FY2021						
		Evaluation		51 O : 1 II						
Application Quality:		cluded all the required infor								
Project Benefit:		f this project will allow a mo		·						
	•	Bypass Canal, and reduce ne weir gates will improve the		~						
		ne well gates will improve the od control gates which stirs		•						
		e frequency of District manu	•							
Cost Effectiveness:		ctiveness is reasonable and								
	for similar pro			· ·						
Past Performance:		an assessment of the sched	-							
Complementary Efforts:		vides wholesale water supp		_						
		as well as the cities of Tam	pa, St. Petersburg, and N	ew Port Richey.						
Project Readiness:	High Project is ong	oing and on schedule.								
		Strategic Goals								
Strategic Goals:	, , ,	tiative - Conservation: Enh	ance efficiencies in all wa	ater-use sectors to						
	ensure bene	แcıaı use. tiative - Minimum Flows ar	nd I avale Establishmant	and Pocovory:						
		d monitor MFLs, and, where		_						
		ent significant harm and ree	•	'						
		Region Priority: Improve La	· · · · · · · · · · · · · · · · · · ·	-						
	and Lake Se	minole.								
		I Ranking and Recommen								
Fund as 1A Priority.	0 0, ,	provide an economic method								
		Project cost has increased		d upon						
	construction bids; nowey	onstruction bids; however, TBW will provide additional funds for the project.								
Funding Source	Prior	Funding FY2021	Future	Total						
District	\$427,500	\$88,500	Future \$0	\$516,000						
Tampa Bay Water	\$427,500	\$88,500	\$0 \$0	\$516,000						
Total	\$855,000	\$177,000	\$0 \$0	\$1,032,000						
IOTAI	ψ055,000	ψ177,000	ΨΟ	ψ1,002,000						

Project No. N970	WMP - South Creek Wa	tershed Management Plan									
Pinellas County		· ·		FY2021							
Risk Level:	Type 3	Multi-Year (Contract:								
Mon Edvon	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Yes, Year 3									
		Description									
Description:	Complete a Watershed	Complete a Watershed Management Plan (WMP) for the South Creek Watershed in Pinellas									
Boson priorit	•	bunty, through and including Watershed Evaluation, Floodplain Analysis, Level of Service (LOS)									
	-	termination, Surface Water Resource Assessment (SWRA), and Best Management Practice									
		MP) Alternatives Analysis. FY2021 funding will be used to complete Floodplain Analysis, LOS									
	, ,	and BMP Alternatives Analys	· · · · · · · · · · · · · · · · · · ·	• •							
Measurable Benefit:		rable Benefit will be the com		ntifies floodplains,							
		rms SWRA, and evaluates B									
	concerns in the waters	ned.	_	•							
Costs:	Total project cost: \$750),000									
	Pinellas County: \$375,	000		ļ							
	District: \$375,000 with	\$225,000 budgeted in previo	us years and \$150,000 re	equested in FY2021.							
		Evaluation									
Application Quality:	High Application	included all the required infor	mation identified in the C	FI Guidelines.							
Project Benefit:	High The WMP v	vill analyze flooding problems	that exist in the watershe	ed. Currently, flood							
	analysis mo	dels are not available or are	over 10 years old, and th	e watershed includes							
	regional or	ntermediate stormwater syst	ems.								
Cost Effectiveness:	Low Project cost	per square mile is in the high	n-range of historic costs (more than							
	\$50,000/sq	mi) for WMPs completed in ເ	ırban watersheds. This is	a heavily urbanized							
	watershed a	and will require a high level o	f effort during the watersh	ned evaluation and							
	• · · · · · · · · · · · · · · · · · · ·	nalysis phases of the project.									
		the metrics in place when pr									
Past Performance:		an assessment of the sched	<u>_</u>								
Complementary Efforts:	High Cooperator	s Community Rating System	class is 5 and is in the 5	or better range.							
Project Readiness:	High Project is or	ngoing and on schedule.									
		Strategic Goals									
Strategic Goals:	High Strategic I	nitiative - Water Quality Ass	essment and Planning:	Collect and							
	analyze da	ta to determine local and regi	onal water quality status	and trends to							
	support res	ource management decision	s and restoration initiative	es.							
	I -	nitiative - Floodplain Manag	_								
		ocal and regional floodplain i	· ·	on status and trends							
		loodplain management decis									
		Region Priority: Flood Prot	·								
		Pithlachascotee, Anclote an	d Hillsborough Rivers and	d Pinellas County							
	coastal wa		d = 42								
Fund as 1A Priority.		all Ranking and Recommen		armatian available							
Tullu as TAT Holley.		entifies flood risk in an area v vill be utilized for flood zone o									
	• •	and improve water quality, a	• •								
		ject area. The higher cost is		_							
		effort in this highly urbanized		JJa ovalladion							
	and hoospian analysis	Funding									
Funding Source	Prior	FY2021	Future	Total							
Pinellas County	\$225,00		\$0								
District	\$225,00		\$0								
	\$450,00		\$0 \$0								
Total	Ψ-30,00	Ψυσο,000	ΨΟ	Ι Ψ100,000							

Project No. N993	WMP - Cyp	ress Creek WMP Up	odate					
Pasco County					FY2021			
Risk Level:	Type 4		Multi-Year Cor	tract:				
			Yes, Year 3 of	3				
			Description					
Description:	Complete	Complete a Watershed Management Plan (WMP) update for the Cypress Creek watershed in						
	Pasco Cou	unty, through and inc	luding Watershed Evalu	ation, Floodplain Analy	ysis, Level of			
	Service (L	OS) Determination, a	and Best Management P	ractice (BMP) Alternat	tive Analysis.			
	FY2021 fu	nding will be used to	complete Floodplain An	alysis, LOS Determina	ation, and BMP			
	Alternative							
Measurable Benefit:			the completion of an up		•			
			s BMPs to address flood	ling concerns in the wa	atershed.			
Costs:		ect cost: \$1,800,000						
		unty: \$900,000						
	District: \$9	900,000 with \$648,00	0 budgeted in previous	years and \$252,000 re	equested in FY2021.			
A 11 (1 O 11)	I II ada	A	Evaluation	4:	El Oscialadio e a			
Application Quality:			d all the required informa					
Project Benefit:	High		aluate flooding problems		-			
		1	e available and the water	· ·	_			
		_ -	d the watershed includes	s regional or intermedia	ate stormwater			
Cost Effectiveness:	Lligh	systems.	are mile is in the low rai	ago of historic costs (la	oce than \$22,000 /			
Cost Effectiveness.	підп		lates completed in mixed					
			s based upon the metric					
		approved.	o bacca apon ino moine	o in piaco whon projec	t was originally			
Past Performance:	Medium		essment of the schedule	and budget for the 18	ongoing projects.			
Complementary Efforts:	Medium	·	nunity Rating System cla	-	· · · ·			
Project Readiness:		Project is ongoing a			Ü			
	J		Strategic Goals					
Strategic Goals:	High	ì	- Floodplain Managem	ent: Collect and analy:	ze data to			
o a atogro o oaro.		_	d regional floodplain info	-				
			n management decision	· ·				
			n Priority: Flood Protect		ection in Lake			
		Tarpon, the Pithlac	hascotee, Anclote and F	lillsborough Rivers and	d Pinellas County			
		coastal watersheds						
		Overall Rank	ing and Recommendat	ion				
Fund as 1A Priority.	_		ood risk in an area that	•	_			
			product will be utilized for		-			
	•		ate flood risk, and enhan	ce the planning of futu	ire development in			
	the projec	ı area.	Funding					
Funding Course		Funding						
Funding Source District	<u>P</u>	rior \$648,000	FY2021	Future \$0	Total \$000,000			
		\$648,000	\$252,000	\$0 \$0	\$900,000			
Pasco County		\$648,000 \$1,296,000	\$252,000 \$504,000	\$0 \$0	\$900,000 \$1,800,000			
Total	<u> </u>	φ1,230,000	φ304,000	Φυ	φ1,600,000			

Project No. N995	WMP - Plant City Wate	/MP - Plant City Watershed Management Plan							
Plant City				FY2021					
Risk Level:	Type 4	ype 4 Multi-Year Contract:							
		Yes, Year 3 of 3							
		Description							
Description:	Watershed Manageme	Vatershed Management Plan (WMP) and stormwater inventory, floodplain delineation, and Best							
	_	•	sis for the Plant City Waters						
	· • ·		e updates. Two studies have	•					
	-		ovements in 2001 and the We						
	•		studies will be utilized and in completion of the floodplain	•					
	BMP alternatives analy	-	completion of the hoodplain	delineation and the					
Measurable Benefit:			completion of a WMP and st	ormwater inventory					
			ractices Alternative Analysis						
			topographic information, EF	_					
	updates.								
Costs:	1 1 1								
	City of Plant City: \$650		i						
	District: \$650,000 with	\$450,000 budgeted in Evaluation	revious years and \$200,000	requested in FY2021.					
Application Quality:	High Application		information identified in the	CEL Guidelines					
			plems that exist in the waters						
Project Benefit:			r over 10 years old, and the v						
		intermediate stormwate		vateranea moiadea					
Cost Effectiveness:			ne mid-range of historic costs	(\$30,001 to					
	\$50,000/sq	mi.) for WMPs comple	ed in urban watersheds. Cos	t effectiveness for					
		rojects is based upon t	e metrics in place when proje	ect was originally					
	approved.								
Past Performance:			schedule and budget for the						
Complementary Efforts:	·		stem class is 8 and is in the 6	to 9 range.					
Project Readiness:	High The project	is ongoing and on sche	dule.						
		Strategic Goals							
Strategic Goals:		-	anagement: Collect and anal	-					
		-	lain information, flood protec decision and initiatives.	tion status and trends					
		•	Protection: Improve flood pr	otection in Lake					
	-		te and Hillsborough Rivers a						
	coastal wa		3	- ,					
	Ove	all Ranking and Recor	mendation						
Fund as 1A Priority.			area with a combination of lim						
		nformation and no detailed study information. The resulting product will be utilized for flood zone							
	•	determination, to help implement solutions that alleviate flood risk, and enhance the planning of future development in the project area.							
	ruture development in	tne project area. Funding							
Funding Source	Prior FY2021 Future Total								
District	\$450,00		,000 \$						
Plant City	\$450,00		,000 \$						
Total	\$900,00		,000 \$						
- Juli	+ = 30,0	\$10	, · · · · <u> </u>	+ 1,223,000					

Project No. N998	AWS - TBW Region	Treatment Facility	Pumping Exp	pansion					
Tampa Bay Water		·			FY2021				
Risk Level:	Type 2	T ₁	Multi-Year Cor	ntract:					
		Yes, Year 3 of 3							
		Descript	tion						
Description:	The project will incl	de design, permitting	g, and constru	ction activities that will	increase Tampa				
	Bay Water's (TBW)	y Water's (TBW) pumping capacity of alternative water supply by 10-12 MGD average and							
		2 MGD maximum at the Regional Facility Site High Service Pump Station. Project involves							
			, .	pump, structural modi					
				electrical and mechan					
Measurable Benefit:			•	permitting and constru	G				
		•		mping capacity of alter					
	with the permitted p		e Pump Station	n. Construction will be	done in accordance				
Costs:	Total Project Cost:		nermitting and	d construction)					
00313.	Tampa Bay Water:		- 3a.ig, and						
			uested in previ	ious years and \$77,50	0 requested in				
	FY2021		·	•	·				
		Evaluat	ion						
Application Quality:	High Applicat	n included all the re	quired informa	ation identified in the C	FI Guidelines.				
Project Benefit:				Tampa Bay Water's po					
			-	cility Site High Service					
			-	capacity by 10-12 MG	-				
				ger, overall program to					
		•	-	supply system and ma available. This additior					
		•	•	erement of supply that v					
		e Long-Term Master			wiii bo dovolopod do				
Cost Effectiveness:	High The pro			parable projects for inc	reasing existing				
	capacity		6.0						
Past Performance:				e and budget for the 2					
Complementary Efforts:		•		e water supplies to the s the cities of Tampa,					
		Richey.	as well a	s the cities of fampa,	St. Fetersburg, and				
Project Readiness:		ongoing and on sch	nedule.						
•	,	Strategic (
Strategic Goals:	High Strateg			oly Planning: Identify,	communicate				
				and resources necessa					
	reasona	ole and beneficial wa	ater supply nee	eds.					
	_			pplies: Increase devel	· ·				
			_	ındwater and surface v					
	· · · · ·		Implement Mi	inimum Flow and Leve	el (MFL) Recovery				
	Strateg		Pagaran an alas	tion					
Fund as 1A Priority.		erall Ranking and F		tion y pumping capacity in t	the Tampa Bay				
. and do intrinontly.	Region and is cost		o water supply	y pamping capacity iii	шо таптра вау				
	1-31-11 0.13 10 0301	Fundir	ng						
Funding Source	Prior	FY2021		Future	Total				
Tampa Bay Water	\$1,122	500	\$77,500	\$0	\$1,200,000				
District	\$1,122		\$77,500	\$0					
Total	\$2,24	000	\$155,000	\$0	\$2,400,000				

Project No. Q034	WMP - Bro	oker Creek W	atershed Management F	lan							
Pinellas County					FY2021						
Risk Level:	Type 3		Multi-Yea	r Contract:							
141014 201011	.) [Yes, Year								
		Description									
Description:	Complete	a Watershed N	•	for the Brooker Creek Wat	tershed in Pinellas						
2000117110111			_ ,	ion, Floodplain Analysis, L							
	-	-	_	ent (SWRA), and Best Mai	, ,						
				be used to complete Flood	-						
	Determina	tion, SWRA, a	nd BMP Alternatives Ana	lysis.	·						
Measurable Benefit:	The contra	ctual Measura	able Benefit will be the co	mpletion of a WMP that ide	entifies floodplains ,						
	establishe	s LOS, perforr	ns SWRA, and evaluates	BMPs to address flooding	and water quality						
		n the watershe									
Costs:		ct cost: \$900,0									
		ounty: \$450,00									
	District: \$4	50,000 with \$		ious years and \$150,000 r	equested in FY2021.						
Annilla etian Onalitan	Lliada	Ammliantian in	Evaluation	formation identified in the C	NEL Cuidalinas						
Application Quality:				formation identified in the C							
Project Benefit:	High			ns that exist in the watersh	-						
		•	ermediate stormwater sy	e over 10 years old, and th	le watersned includes						
Cost Effectiveness:	Low			igh-range of historic costs	(more than						
OOST Effectiveness.	LOW		•	n mixed watersheds. Howe	`						
			•	cent watershed studies to t							
		-	· · · · · · · · · · · · · · · · · · ·	based upon the metrics in							
		was originally		,	·						
Past Performance:	High	Based upon a	an assessment of the sch	edule and budget for the 1	2 ongoing projects.						
Complementary Efforts:	High	Cooperator's	Community Rating Syste	m class is 5 and is in the 5	or better range.						
Project Readiness:	High	Project is one	oing and on schedule.								
			Strategic Goals								
Strategic Goals:	High	Strategic Ini	tiative - Water Quality A	ssessment and Planning:	Collect and						
		analyze data	to determine local and re	egional water quality status	and trends to						
		support reso	urce management decisi	ons and restoration initiative	es.						
		_	•	agement: Collect and analy							
				n information, flood protect	ion status and trends						
			odplain management de								
			•	otection: Improve flood pro							
		coastal wate		and Hillsborough Rivers an	id Pinelias County						
			rsneds I Ranking and Recomm	endation							
Fund as 1A Priority.	This ongo			a with existing flood analys	is more than 10						
	_			flood zone determination,							
	•	•		er quality, and to enhance	• •						
				for this urban watershed is							
	flooding in	the watershed	d over the past few years	and priority to have reasor	nable floodplain						
			-	t watershed studies located	d in Pinellas, Pasco,						
	and Hillsb	orough Counti									
- · · ·			Funding	_ ,							
Funding Source	Pi	rior	FY2021	Future	Total						
Pinellas County		\$300,000	\$150,00		· · · ·						
District		\$300,000	\$150,00		· · ·						
Total		\$600,000	\$300,00	0 \$0	\$900,000						

Project No. Q053	SW IMP – F	lood Protecti	on – Grosse Avenue Cor	idor Drainage Improv	ements				
Tarpon Springs						FY2021			
Risk Level:	Type 2		Multi-Year	Contract:					
	-	Yes, 2 of 2							
			Description						
Description:	Construction	on of new stori	mwater management pond	ls at the northeast corr	ner of Grosse Avenu	е			
	and Cypre	ss Street, and	south of Spruce Street; th	e expansion of existing	ponds at the				
	northwest	thwest corner of Levis Avenue and Pine Street (serving Tarpon Springs Elementary School)							
			ner of Levis Avenue and C			ated			
			stems. FY2021 funding wil						
Measurable Benefit:			ble Benefit will be the cor		•				
			ce flooding within the bene	fit area. Construction v	will be in accordance)			
Conto		ermitted plans.	2.000 /						
Costs:		ct cost: \$2,730 oon Springs: \$	6,800 (construction)						
	-		\$901,500 budgeted in pre	vious years and \$466	000 requested in				
	FY2021.	,500,400 With	φου 1,500 budgeted in pre	vious years and \$400,	300 requested in				
	. 12021.		Evaluation						
Application Quality:	Medium	Application in	cluded most of the require	d information identified	d in the CFI guideline	es.			
, , , , , , , , , , , , , , , , , , ,			ad to work with cooperator		-				
Project Benefit:	High	The Resource	Benefit of this project wil	reduce the existing flo	oding problem durir	ng			
		the 100-year,	24-hour storm event. Stru	cture and street floodi	ng currently occurs i	n the			
			and the project impacts the	_					
		-	er quality benefits were de	monstrated along with	the flood protection				
		benefits.							
Cost Effectiveness:	High		atio is greater than or equ	al to 1. Benefits includ	e avoided damages	to			
Past Performance:	Medium	structures and		dula and budget for th	o 2 angoing projects				
Complementary Efforts:			an assessment of the sche Community Rating Syster).			
		-			a range.				
Project Readiness:	nign	Project is ong	oing and on schedule.						
Strategia Coale	Lliada	Otroto nio Ini	Strategic Goals	intononos and lumum	ramanti Davalan				
Strategic Goals:	Hign		tiative - Water Quality Ma nt programs, projects and						
		quality.	nit programs, projects and	regulations to maintain	rand improve water				
		•	tiative – Flood Protectior	Maintenance and Im	provement: Develor)			
			nt programs, projects and						
			nd operate District flood co			ize			
		flood damage	e while preserving the wat	er resource.					
		Tampa Bay I	Region Priority: Flood Pro	tection: Improve flood	protection in Lake				
		Tarpon, the F	Pithlachascotee, Anclote a	nd Hillsborough Rivers	and Pinellas Count	у			
		coastal wate							
Front as 4.4 Deissites	·		Ranking and Recomme						
Fund as 1A Priority.			perienced severe roadway	~					
			ite. This ongoing project worm event by constructing		•	ııy			
	ponds.	ai, 4 4- 110ui 5ll	on event by constructing	new stornwater conve	yance and storage				
	portuo.		Funding						
Funding Source	Pi	ior	FY2021	Future	Total				
District		\$901,500	\$466,900	1	\$0	\$1,368,400			
Tarpon Springs		\$901,500	\$466,900		\$0	\$1,368,400			
Total		\$1,803,000	\$933,800		\$0	\$2,736,800			
ισιαι		+ .,555,550	ψ555,000	1	, -	, _,. 55,550			

Project No. Q061	Study - TB	N Regional S	urface Water	Treatment Pla	int Expansion Feasibilit	у			
Tampa Bay Water		_					FY2021		
Risk Level:	Type 2			Multi-Year C	ontract:				
				Yes, 2 of 2					
			Descr	iption					
Description:	A feasibility	study to furth	ner assess exp	anding the ex	isting Regional Surface \	Water Treatment			
		ant and increasing the use of associated surface water supplies to maximize the available							
	-	eld for Tampa Bay Water's (TBW) regional water supplies. The analysis will explore tasks such							
		capacity evaluation, field testing of treatment processes, modeling, conceptual design of new face water treatment plant, conceptual cost and site plan development. Expanding the							
	-				e options under considera m Master Water Plan Upd				
Measurable Benefit:					letion of the feasibility st				
measurable Belletit.				•	ide 20 mgd to meet futur	•			
		-		anning horizon	_	o domando in trio			
Costs:			00 (feasibility						
	Tampa Ba	y Water share	\$275,000	-,					
	District: \$2	75,000 with \$2	225,000 budg	eted in previou	ıs years, \$50,000 reques	sted in FY2021			
			Evalu	ation					
Application Quality:	High	Application in	cluded all the	required infor	mation identified in the C	FI Guidelines.			
Project Benefit:	High			-	ormation for TBW to make		at		
			•		nt and cost effective to me	eet the region's			
				20 mgd for the					
Cost Effectiveness:	High				consistent with previous	cooperative fundin	g		
Past Performance:	High		s for similar pr		ule and budget for 2 ong	oing projects			
Complementary Efforts:					supplies to counties of h		`		
Complementary Enerts.	i ligii	•	•		pa, St. Petersburg and N	•	,		
				-	programming in the Tam	-	W		
		-			t project that offers finan				
		services to cu	ıstomers for u	p to ten conse	rvation activities.				
Project Readiness:	High	Project is ong	joing and on s	chedule.					
			Strategi	c Goals					
Strategic Goals:	High	_	_		pply Planning: Identify,				
					s and resources necessa	ary to meet future			
				water supply r					
					Supplies: Increase devel				
				_	oundwater and surface w Minimum Flow and Leve				
		Strategies.	Region Phon	.y. implement	Willimum Flow and Leve	(WIFL) Necovery			
			l Ranking and	d Recommend	dation				
Fund as 1A Priority.	This project					eet future demands			
		This project contributes to development of the next water supply project to meet future demands or the Tampa Bay Region. The study will provide information for TBW to choose the most							
	efficient ar	efficient and cost effective project for the region.							
		Funding							
Funding Source	Pı	ior	FY20		Future	Total			
District		\$225,000		\$50,000	\$0		\$275,000		
Tampa Bay Water		\$225,000		\$50,000	\$0		\$275,000		
Total		\$450,000		\$100,000	\$0		\$550,000		

Project No. Q063	Study - TBW Desal Faci	lity Expansion Feasibility						
Tampa Bay Water	J	•		FY2021				
Risk Level:	Type 2	Type 2 Multi-Year Contract:						
	Yes, Year 2 of 2							
	Description							
Description:	Further assess the feas	Further assess the feasibility of expanding the existing Desalination Water Treatment Plant to						
		yield for Tampa Bay Water's	, , -	• •				
	•	as pilot scale testing of altern	•					
		ermitting and modeling as we		-				
	The state of the s	g the Desalination Water Tre n supplying 10-15 mgd ident		-				
	Update.	ir supplying 10-10 mga ident	inca in the Long- term w	asici vvaici i iaii				
Measurable Benefit:		able Benefit will be the comp	oletion of the feasibility st	tudv. TBW is				
		ombination of options to pro		-				
	Tampa Bay Area for the	2020-2040 planning horizor	۱.					
Costs:	Total Project Cost \$3,00	00,000 (feasibility study)						
	TBW share \$1,500,000	Φ550 000 Ι Ι Ι Ι Ι	. 4050.000	. I: E)(0004				
	District: \$1,500,000 with	n \$550,000 budgeted in previous Evaluation	ious years, \$950,000 req	uested in FY2021.				
Application Quality:	High Application in	ncluded all the required infor	mation identified in the C	`Fl Guidelines				
Project Benefit:	•	of this project will provide info						
Project Benefit.		options are the most efficien						
		approximately 20 mgd for the		is a region o				
Cost Effectiveness:		ectiveness is reasonable and		cooperative funding				
		ts for similar projects.						
Past Performance:		an assessment of the sched						
Complementary Efforts:	-	tor provides wholesale wate		-				
Duniont Dandings		as well as the cities of Tamp	oa, St. Petersburg, and N	lew Port Richey.				
Project Readiness:	High Project is on	going and on schedule.						
Strategic Goals:	High Strategie In	Strategic Goals itiative - Regional Water Su	unnly Blanning: Identify	communicato				
Strategic Goals.	-	e consensus on the strategie						
		and beneficial water supply i		ary to moot rataro				
		itiative - Alternative Water		lopment of				
	alternative s	ources of water to ensure gr	oundwater and surface v	vater sustainability.				
	I	Region Priority: Implement	Minimum Flow and Leve	el (MFL) Recovery				
	Strategies.							
Fund as 1A Priority.		II Ranking and Recommend to development of the next v		oot futuro domando				
Tund as TATHORILY.								
		for the Tampa Bay Region. The study will provide information for TBW to choose the most efficient and cost effective project for the region.						
		Funding						
Funding Source	Prior	FY2021	Future	Total				
District	\$550,000	\$950,000	\$0	\$1,500,000				
Tampa Bay Water	\$550,000		\$0					
Total	\$1,100,000	\$1,900,000	\$0	\$3,000,000				

Project No. Q083	WMP - Klos	sterman Bayo	u Watershed Managemen	t Plan				
Pinellas County					FY2021			
Risk Level:	Туре 3							
		Yes, 2 of 2						
		Description						
Description:			/lanagement Plan (WMP) fo	•				
			and including Watershed E		-			
	`	,	ation, Surface Water Resou	` '				
	_	•	MP) Alternative Analysis. F	Y2021 funding will be us	ed to perform the			
			BMP Alternatives Analysis.					
Measurable Benefit:			able Benefit will be the com		-			
			aluates BMPs to address fl	ooding concerns in the K	losterman Bayou			
0	watershed		200					
Costs:		ect cost: \$300,0						
		ounty: \$150,00		us voors and ¢50 000 ro	guested in EV2021			
	District. \$	150,000 With \$	100,000 budgeted in previo	us years and \$50,000 red	quested in F12021.			
Application Quality:	High	Application in	cluded all the required info	rmation identified in the C	`El Guidelines			
			I analyze flooding problems					
Project Benefit:	підп		els are not available or are		• .			
			termediate stormwater syst		le watersned includes			
Cost Effectiveness:	Modium		per square mile is within the		ete (\$60 100 -			
Cost Effectiveness.	Mediuiii		mi) for WMPs completed in		sts (ψ09, 100 -			
Past Performance:	High		an assessment of the sched		2 ongoing projects			
Complementary Efforts:			Community Rating system	<u>~</u>				
Project Readiness:	_		joing and on schedule.					
1 Tojout Roudinoool	riigii	i rojost io orig	Strategic Goals					
Strategic Goals:	High	Strategic Ini	tiative - Water Quality Ass	essment and Planning	Collect and			
Strategie Couls.	1 11911	_	to determine local and reg	_				
			urce management decision					
			tiative - Floodplain Manag					
		_	cal and regional floodplain					
			odplain management decis					
		Tampa Bay I	Region Priority: Flood Prof	ection: Improve flood pro	tection in Lake			
		Tarpon, the F	Pithlachascotee, Anclote ar	d Hillsborough Rivers an	d Pinellas County			
		coastal wate	rsheds					
			I Ranking and Recommen					
Fund as 1A Priority.	_	• • •	ntifies flood risk in an area	•				
		he 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 projec	t area.	Funding					
Funding Source	n	rior	Funding FY2021	Future	Total			
Funding Source District	l P	\$100,000						
					<u> </u>			
Pinellas County		\$100,000 \$200,000	· ·	\$0 \$0				
Total	<u> </u>	φ∠00,000	\$100,000	\$0	J \$300,000			

Project No. Q090	Study - Bel	leair Brackish	Feasibility and Testi	ng		
Town of Belleair					FY2021	
Risk Level:	Type 2	Type 2 Multi-Year Contract:				
			Yes, 2	of 2		
			Description			
Description:				easibility of developing a bra	•	
			• •	oridan aquifer. The project ir		
			· · · · · · · · · · · · · · · · · · ·	ection well, and two monitor	wells) and	
Managemahla Damafite		_	racterize the proposed			
Measurable Benefit:				completion of a report that p	, ,	
		n on the Uppe	r Floridan aquiler for tr	e purpose of potential additi	onal alternative water	
Costs:	supply.	ct cost \$1,763	350			
00313.		elleair share \$				
				revious years, \$176,335 req	uested in FY2021.	
			Evaluation			
Application Quality:	High	Application in	cluded all the required	information identified in the	CFI guidelines.	
Project Benefit:	High	The benefit o	f this project is enhanc	ement of groundwater resou	rce data to improve	
		_	•	ent of the aquifer in the Nortl		
				onal alternative water supply		
Cost Effectiveness:	Medium			nan test well construction an	d hydrologic data	
Don't Don't comment	1			unded feasibility studies.	1	
Past Performance:				chedule and budget for the 1 11 and 150 gpcd which is a r		
Complementary Efforts: Project Readiness:				s expected to start on sched		
Project Readilless.	nign	Project is flev	Strategic Goals	s expected to start on scried	ule.	
Strategic Goals:	∐igh	Stratagia Ini		ater Supplies: Increase dev	olonment of	
Strategic Goals.	riigii	_		re groundwater and surface		
				nent Minimum Flow and Lev		
		Strategies.	region i nomy. Impio	none miniman riow and Lov	, o. (2) . (dee ve.)	
			I Ranking and Recom	mendation		
Fund as 1A Priority.	Project is	a groundwater	study to evaluate brad	kish water as a potential alte	ernative water source	
	to meet the strategic initiative of developing AWS to sustain existing freshwater sources in the					
	Northern Tampa Bay WUCA.					
	Funding					
Funding Source	Pi	rior	FY2021	Future	Total	
Town of Belleair		\$705,340			0 \$881,675	
District		\$705,340 \$1,410,680	\$176 \$352			
Total	l	φ1, 4 10,000		סיטן ש	oj \$1,703,330	

Project No. Q115	WMP - Eas	t Pasco WMP	Update					
Pasco County						FY2	2021	
Risk Level:	Type 4	4 Multi-Year Contract: Yes, Year 2 of 2						
		Description						
Description:	Pasco Cou Service (Lo	inty, through a OS) Determina	ind including Wation, and Best	/atershed Ev Managemer	pdate for the East Pasco aluation, Floodplain Anal nt Practise (BMP) Alterna ain analysis, LOS, and E	ysis, Level of itive Analysis.		
Measurable Benefit:	floodplains watershed	, establishes l	₋OS, and evalι		pletion of an updated WN to address flooding conce			
Costs:		ct cost: \$800,0						
		inty: \$400,000 .00 000 with \$1		ted in previo	us years and \$200,000 re	equested in FV2021		
	Бізіпоі. ф-	00,000 With \$2	Evalua		us years and \$200,000 N	5questeu III 1 12021.		
Application Quality:	High	Application in	cluded all the i	equired info	rmation identified in the C	FI Guidelines.		
Project Benefit:	High	Identification of flooding problems that exist in the watershed and solutions. Currently, 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	Project cost p		is in the low	range of historic costs (I	ess than \$25,000/sq		
Past Performance:	Medium	Based upon a	an assessment	of the sched	dule and budget for the 1	8 ongoing projects.		
Complementary Efforts:	Medium	<u> </u>			class is 6 and is in the 6	to 9 range.		
Project Readiness:	High	Project is ong	oing and on so	chedule.				
			Strategic					
Strategic Goals:	High	determine loc to support flo Tampa Bay I Tarpon, the F coastal wate	cal and regiona odplain manag Region Priorit Pithlachascoted rsheds	al floodplain i gement decis y: Flood Prot e, Anclote an	ement: Collect and analy information, flood protect sion and initiatives. section: Improve flood pro d Hillsborough Rivers an dation	on status and trends tection in Lake		
Fund as 1A Priority.	years old. solutions t	Overall Ranking and Recommendation Ingoing project updates flood risk in an area with existing flood analysis that is 5 to 10 and old. The resulting product will be utilized for flood zone determination, to help implement that alleviate flood risk, and enhance the planning of future development in the project of the East Pasco watershed is one of the District's top 20 priority watersheds for WMP area. Funding						
Funding Source	Pı	Prior FY2021 Future Total						
Pasco County		\$200,000		\$200,000	\$0	\$400,	000	
District		\$200,000		\$200,000	\$0			
Total		\$400,000		\$400,000	\$0	\$800,	000	

Project No. Q116	WMP - Roosevelt Creek Watershed Management Plan								
Pinellas County		FY2021							
Risk Level:	Type 3 Multi-Year Contract:								
		Yes, Year 2 of 3							
		Description							
Description:	County, through and incl Determination, Surface \	Management Plan (WMP) up uding Watershed Evaluation Water Resource Assessmen sis. FY2021 funding will be u Analysis.	, Floodplain Analysis, Let (SWRA), and Best Mar	evel of Service (LOS) nagement Practice					
Measurable Benefit:	floodplains, establishes watershed.	able Benefit will be the comp LOS, and evaluates BMPs to							
Costs:		00 100,000 budgeted in previou	•	ested in FY2021,					
	and \$150,000 anticipate	d to be requested in future y Evaluation	ears.						
Application Quality:	High Application in	icluded all the required infor	mation identified in the C	El Guidelines					
Project Benefit:									
Project Benefit.	analysis mod intermediate	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:	or less) for W	per square mile is below the MPs completed in urban wa	tersheds.						
Past Performance:	<u> </u>	an assessment of the sched	<u>-</u>						
Complementary Efforts:	· ·	Community Rating system of	class is 5 and is in the 5	or less range.					
Project Readiness:	High Project is ong	going and on schedule.							
Strategic Goals: Fund as 1A Priority.	analyze data support reso Strategic Ini determine lo to support flo Tampa Bay Tarpon, the F coastal wate Overal This ongoing project upo years old. The resulting solutions that alleviate flo	Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds Overall Ranking and Recommendation Ong project updates flood risk in an area with existing flood analysis that is over 10. The resulting product will be utilized for flood zone determination, to help implement that alleviate flood risk and improve water quality, and enhance the planning of future tent in the project area. The Roosevelt Creek watershed is one of the District's top 20 protections for WMP updates.							
Funding Course	Drion	Funding EV2024	Euturo	Total					
Funding Source District	Prior \$100,000	FY2021	Future \$150,000	Total \$400,000					
Pinellas County	\$100,000 \$100,000		\$150,000						
	·								
Total	J ⊅∠∪∪,000	J \$300,000		\$200,000 \$300,000 \$300,000 \$800,000					

Project No. Q130	Study – Nu	Study – Nutrient Source Tracking							
Pinellas County							FY2021		
Risk Level	Type 3			Multi-Year C	Contract:				
		Yes, Year 2 of 3							
		Description							
Description		-			nal sampling to assess n				
	•				watersheds using isotope	e analysis and			
Macaurahla Danafiti			otual plan to rec						
Measurable Benefit:				be the comp	oletion of this study.				
Costs	-	ect Cost: \$200, ounty: \$100,00	· • ·						
				ad in previous	s years, \$45,000 request	ed in EV2021 and			
			e requested in	•	s years, \$40,000 request	Cu III 1 12021, unu			
	, 10,000		Evalua	•					
Application Quality:	High	Application in	cluded all the r	equired infor	mation identified in the C	FI Guidelines.			
Project Benefit:	High	The benefit of	f this project is	the identifica	tion of nutrient loading in	to the McKay Creek	.,		
					neds. All three watershed				
		nutrients and	McKay Creek	and Curlew (Creek have nutrient TMD	Ls in place. Curlew			
					earwater Harbor, McKay				
					nd Allen's Creek watershe	ed drains to Old			
			SWIM Priority						
Cost Effectiveness:				<u> </u>	emparable to past project				
Past Performance:					ule and budget for the 12	2 ongoing projects.			
Complementary Efforts:	-				y that collects fees.				
Project Readiness	High	Project is ong	joing and on so						
		ı	Strategic						
Strategic Goals:	High	_		_	essment and Planning:				
		-		_	onal water quality status				
		1 '''	•		s and restoration initiative				
				: Improve La	ake Thonotosassa, Tamp	a Bay, Lake Tarpon			
		and Lake Se	minole. I Ranking and	Pacamman	dation				
Fund as 1A Priority.	The ongo				to assess nutrients discl	harging into			
r und do m'er nomy.	_				ority water body.	narging into			
			Fundi						
Funding Source	Р	Prior FY2021 Future Total							
Pinellas County		\$40,000		\$45,000	\$15,000		\$100,000		
District		\$40,000		\$45,000	\$15,000		\$100,000		
Total		\$80,000		\$90,000	\$30,000		\$200,000		

Project No. N949	SW IMP - F	SW IMP – Flood Protection – Southeast Seminole Heights Flood Relief						
City of Tampa			<u> </u>		FY2021			
Risk Level:	Type 3	Yes, Year 2 of 4						
		Description						
Description:	approxima the Hillsbo City's inter frequent a These floo adding sto approved	Design, permitting, and construction of regional stormwater improvements to serve an area of approximately 780 acres of urban environment discharging into the Hillsborough River south of the Hillsborough River Dam in the Southeast Seminole Heights area of the City of Tampa. The City's intent is to construct and implement several flood relief efforts in the watershed to alleviate requent and dangerous flooding on critical evacuation routes and in residential neighborhoods. These flood relief efforts include upsizing existing pipes, installing higher capacity trunklines, and adding stormwater treatment systems for water quality and quantity purposes. Funding was approved in FY2019 for 30% design and third-party review. The District required a third-party eview as this project has a conceptual construction estimate greater than \$5 million dollars. The						
	FY2021 fu	nding request i	is for completion of design	and to begin construction				
Measurable Benefit:	conveyand	ce system BMF	ble Benefit will be the desi Ps to reduce flooding in app se in accordance with perm	roximately 780 acres of h	-			
Costs:	Total proje City of Tar District: \$1	ct cost: \$23,50 npa: \$11,750,0 11,750,000 with	00,000 (design, third-party r 000 n \$500,000 approved in pre n anticipated to be requeste	eview, permitting and corvious years, \$3,500,000	,			
			Evaluation					
Application Quality:	High		cluded all the required infor					
Project Benefit:	High	The Resource Benefit of this project, if constructed, will reduce the existing flooding problem during the 5 year, 8-hour storm event. Structure and street flooding currently occurs in the project area and the project impacts the regional or intermediate drainage system. Ancillary water quality benefits were demonstrated along with the flood protection benefits.						
Cost Effectiveness:	Medium	Benefit/Cost r	ratio is less than 1, but grea ages to structures and road	· · · · · · · · · · · · · · · · · · ·	Benefits include			
Past Performance:	High	Based on an a	assessment of the schedule	e and budget for the 8 on	going projects.			
Complementary Efforts:	High	Cooperator's	Community Rating System	class is 5 and is in the 5	or less range.			
Project Readiness:	High	The project is	ongoing and on schedule.					
			Strategic Goals					
Strategic Goals:	High							
Fund on Lligh Dringit	Th - 0"		Ranking and Recommen		October 2000			
Fund as High Priority.	The City is anticipated to complete the 30% design and third party review by October 2020. Contractually, the City will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the third-party review, and with the understanding that the Governing Board will need to provide approval to proceed, staff is recommending FY2021 funding for design and construction. If constructed, this project will provide flood protection for structures and streets during the 5 year, 8-hour storm event. Funding							
Funding Source	Р	rior	FY2021	Future	Total *			
District		\$500,000	\$3,500,000	\$7,750,000				
City of Tampa		\$500,000	\$3,500,000	\$7,750,000	\$11,750,000			
Total		\$1,000,000	\$7,000,000	\$15,500,000	\$23,500,000			

^{*}Conceptual cost estimate, subject to Governing Board Approval

Plant City Risk Level: Description:	Design, pe		Multi-Year Co Yes, Year 2 o		FY2021			
	Design, pe							
Description:			Yes, Year 2 o					
Description:				†3				
Description:			Description					
		Design, permitting and construction of 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						
	•		e existing McIntosh Park we		•			
			water quality treatment and	•	• •			
		-	ed water through the system					
			proved in FY20 for 30% des iew as this project has a con					
	-		unding request is to complete	-	iate greater triair			
Measurable Benefit:			ble Benefit will be the design		 ction/restoration of			
			tment wetlands through the	•				
		f reclaimed wa	_	, , ,				
Costs:	Total conc	eptual project	cost: \$9,353,700 (Design, th	ird-party review, permittin	g, construction)			
	Plant City	share: \$4,676,	850					
			0 with \$337,175 budgeted in	-	requested in			
	FY2021, a	nd \$4,052,500	anticipated to be requested	in future years.				
	.	A 1: 1: :	Evaluation		L. II. D. L. L. D. A.			
Application Quality:	Medium		cluded most of the required i					
Project Benefit:	High		vith cooperator to obtain remands Benefit of the project, if cor	<u> </u>				
Project beliefit.	riigii		Creek, the Hillsborough Riv					
			I and 1,080 lbs/year of TP. T					
		testing require			,			
Cost Effectiveness:	High							
		estimated cost/lb of TP removed is below the historical average \$1,498/lb.						
Past Performance:			an assessment of the schedu					
Complementary Efforts:	Medium		rently maintains open spaces					
		-	plan, and has other compler	-	- ·			
			maintenance program, has and other complementary water		rogram, pet waste			
Project Readiness:	High		ew FY20 project and is expe					
	· g		Strategic Goals					
Strategic Goals:	High	Strategic Ini	tiative - Water Quality Maint	renance and Improvemen	nt: Develon			
on atogro cours.	ı ııgı	_	nt programs, projects and re		•			
		quality.	1 3 71 3	5	'			
			Region Priority: Improve Lak	ke Thonotosassa, Tampa	Bay, Lake Tarpon			
		and Lake Se	minole.					
			Ranking and Recommend					
Fund as High Priority.	•	•	complete the 30% design ar					
			ill need Governing Board app					
	•	-	formation from the third party		_			
	_		ed to provide approval to pro permitting. If constructed, this		_			
	to complete design and permitting. If constructed, this project will create 100-150 acres of treatment wetlands and reduce nutrient loading discharged to the Hillsborough River watershed,							
			atershed, a SWIM priority wa	_	or materioriou,			
		, =,	Funding	,				
Funding Source	Pı	ior	FY2021	Future	Total *			
Plant City		\$337,175	\$287,175	\$4,052,500	\$4,676,850			
District		\$337,175	\$287,175	\$4,052,500	\$4,676,850			
Total		\$674,350		\$8,105,000	\$9,353,700			

^{*}Conceptual cost estimate, subject to Governing Board Approval

Project No. Q140	Conservat	Conservation – Tarpon Springs Toilet Rebate Phase 2								
Tarpon Springs		FY202								
Risk Level:	Type 1			Multi-Year C	Contract: No					
		Description								
Description:	toilets with customers gallons pe the replace do-it-yours showerhed promotion be less that	Make available financial incentives to residential customers for the replacement of conventional collets with high-efficiency toilets which use 1.28 gallons per flush or less and to commercial customers for the replacement of conventional toilets with ultra-low flow toilets which use 1.6 gallons per flush or less. This project will make available rebates and program administration for the replacement of approximately 100 high flow toilets. In addition, approximately 100 do-it-yourself conservation kits will be distributed. These include educational materials, low-flow showerheads, and leak detection dye tablets. Also included are educational materials, program promotion, and surveys necessary to ensure the success of the program. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates as the availability of funds allow.								
Measurable Benefit:	completio	n of a final repo	ort.	ll be the imple	ementation of the progra	m and the				
Costs:		ect Cost: \$20,0 pon Springs: \$ 10,000								
			Evalu	ation						
Application Quality:	High	Application in	cluded all the	required infor	mation identified in the C	CFI guidelines.				
Project Benefit:	High		f this project is Vater Use Cau		d 3,143 gallons per day s BWUCA).	saved in the Norther	า			
Cost Effectiveness:	High				per thousand gallons sa	aved.				
Past Performance:	Medium	Based upon a	an assessmen	t of the sched	lule and budget for the 3	ongoing projects.				
Complementary Efforts:	Medium	Cooperator p	er capita is be	tween 75 and	l 125 gpcd.					
Project Readiness:		Project is rea	dy to begin on	or before De	cember 1, 2020.					
			Strategi	Goals						
Strategic Goals:	High									
			I Ranking and							
Fund as High Priority.	Project wi	II conserve pot			A and is cost effective.					
	Funding									
Funding Source	P	rior	FY20		Future	Total				
District		\$0		\$10,000	\$0		\$10,000			
Tarpon Springs		\$0		\$10,000	\$0		\$10,000			
Total		\$0		\$20,000	\$0		\$20,000			

Project No. Q142	ASR – Pinellas County Chesnut Park ASR and Aquifer Recharge							
Pinellas County					FY2021			
Risk Level:	Type 3		Multi-Year	Contract: No				
	Description							
Description:	storage an from Lake water supp freshening construction monitoring	30% design, third-party review (TPR) and additional FY21 design and construction for this aquifer storage and recovery (ASR) and aquifer recharge (AR) project to divert excess surface water from Lake Tarpon to an existing ASR well and proposed AR facility to supplement the reclaimed water supply during dry periods, restore water level elevations in the NTBWUCA, and facilitate freshening of the aquifer. If constructed, this project would include design, permitting, construction, testing, and independent performance evaluation (IPE) of one recharge well, two monitoring wells, and surface facilities. District funding is for eligible FY21 design, including 30% design and TPR. The County will apply for future funding to complete design, permitting,						
Measurable Benefit:	The contra	ctual measurat	ole benefit will be completi					
Costs:			er from Lake Tarpon to an 000 (30% design, TPR, a					
Costs.	Pinellas Constrict: \$8	ounty: \$893,500 93,500. The co uction, start-up) nceptual estimate for total , testing and IPE is \$9,200 mplete design, permitting,	project costs, including o	design, permitting, t the County will			
		A 1: 4: :	Evaluation		4. 05			
Application Quality:	Medium		luded most of the required		_			
Project Benefit:	High	District PM/CM had to work with the cooperator to obtain remaining information. If constructed, the project would diminish dry-weather reclaimed water shortages by increasing the reliability and resiliency of the North County Reclaimed Water System (NCRWS) through the use of ASR to store excess surface water from wet season to dry season with a minimum 5-year total recovery quantity of 300 MG. The project						
		would also help restore water level elevations in the NTBWUCA and facilitate freshening of the aquifer through injection of excess surface water capable of achieving a 1 BG minimum recharge volume over a 5-year period. In addition, the project could provide a reduction of nutrients to Old Tampa Bay.						
Cost Effectiveness:	- J		sistent with similarly funde		2 angeing projects			
Past Performance: Complementary Efforts:	-	Pinellas Count	n assessment of the sched y has a program in place t ate structure for high volun	that includes metering an	0 0 1			
Project Readiness:	High		ready to begin on or befor					
			Strategic Goals					
Strategic Goals:	High	water to reduce Tampa Bay R Strategies. Tampa Bay R and Lake Sen	ative - Reclaimed Water: be demand on traditional wegion Priority: Implement egion Priority: Improve Lainole. Ranking and Recommen	/ater supplies. : Minimum Flow and Leve ake Thonotosassa, Tamp	el (MFL) Recovery			
Fund as High Priority.	Results from 30% design and TPR will provide the District with information to confirm resource benefits and cost effectiveness. Contractually, the County will need Governing Board approval to proceed beyond 30% design and TPR. The County may pursue potential future net benefit or impact offset potable water supply based on this project. If pursued, the County will be contractually required to comply with District cooperative funding guidelines, policies, procedures, and water use permitting rules. The project would provide for optimization of reclaimed water to reduce reliance on fresh groundwater withdrawals and assist in restoring and freshening groundwater in the NTBWUCA.							
Funding Source	Pı	ior	FY2021	Future	Total *			
District		\$0	\$893,500	\$3,706,500	\$4,600,000			
Pinellas County		\$0	\$893,500	\$3,706,500	\$4,600,000			
Total		\$0	\$1,787,000	\$7,413,000	\$9,200,000			

^{*}Conceptual cost estimate, subject to Governing Board Approval

Project No. Q146	AWS – Tampa Bay Water Southern Hillsborough Co. Booster Pump Station							
Tampa Bay Water					FY2021			
Risk Level:	Type 2		Multi-Year	Contract:	. ,			
THICK ECVOID	.,,,,,,		Yes, Year 1					
			Description	<u> </u>				
Description:	Third party	Third party review, design, permitting and construction of a potable water booster pump station						
Description.								
		o increase delivery capacity to the Regional Delivery Point of Connection at the Lithia Water Treatment Plant by connecting into an existing 30" Brandon-South Central Transmission Main.						
		-	tation will increase the net					
			D. District funding is for thir	_				
		-	estimate greater than \$5 m					
	-		view and continue design i					
Measurable Benefit:			able Benefit if constructed,					
			er supply by 5 – 7 MGD at					
			W) regional water supplies					
	demands.	,	, 0		,			
Costs:	Total conc	eptual project	cost: \$7,100,000 (third part	ty review, design, permittir	ng and			
	construction	on)						
	Tampa Ba	y Water: \$3,55	50,000;					
	District: \$3	3,550,000 with	\$500,000 requested in FY2	2021, and \$3,050,000 anti	cipated to be			
	requested	in future years	S.					
			Evaluation					
Application Quality:	Medium	Application in	cluded most of the required	d information identified in t	the CFI guidelines.			
		District PM ha	ad to work with cooperator	to obtain remaining requir	ed information.			
Project Benefit:	High		f this project, if constructed					
			ater supplies to the counties					
			crease the available water					
		Connection to support Tampa Bay regional water supply demands.						
Cost Effectiveness:	High							
2 (2 (I III.		s for similar projects.	1l d bd t f tb - 0				
Past Performance:	<u> </u>		an assessment of the sched					
Complementary Efforts:	Hign		vides wholesale drinking w		G .			
Droingt Bondings	Lligh		cities of New Port Richey,].			
Project Readiness:	nign	Project is read	dy to begin on or before De	ecember 1, 2020.				
Ctrotonio Coolor	I II ada	Otrosto nio Ini	Strategic Goals					
Strategic Goals:	High	_	tiative - Regional Water So consensus on the strategion					
		•	and beneficial water supply		ily to meet lature			
			tiative - Alternative Water		onment of			
		_	ources of water to ensure g		· ·			
			- a	. cananator and canaco t	and discussing.			
		Overal	I Ranking and Recommen	dation				
Fund as High Priority.	The applic		ted to complete 30% design		guesting funds for			
i and do riight henry.		•	-	=	-			
	third party review and to continue design and construction. Contractually, TBW will need Governing Board approval to proceed beyond third party review. Anticipating favorable information							
	from the third party review, and with the understanding that the Governing Board will need to							
	provide approval to proceed, Staff is recommending FY2021 funding for the third party review and							
	the continuation of design. If constructed, the project will provide additional 5 – 7 MGD of							
			to support Tampa Bay Reg					
			Funding					
Funding Source	Pi	rior	FY2021	Future	Total *			
District		\$0	\$500,000	\$3,050,000	\$3,550,000			
Tampa Bay Water		\$0	\$500,000	\$3,050,000	\$3,550,000			
Total		\$0	\$1,000,000	\$6,100,000	\$7,100,000			
			·					

^{*}Conceptual cost estimate, subject to Governing Board Approval

Project No. Q149	WMP – Coa	WMP – Coastal Zone 5 Watershed Management Plan						
Pinellas County				J		FY2021		
Risk Level:	Туре 3			Multi-Year (Contract:			
	· .	Yes, Year 1 of 3						
			Descri	iption				
Description:	Complete	a Watershed N	/lanagement F	Plan (WMP) fo	or the Coastal Zone 5 Wa	tershed in Pinellas		
	-	-	-		n, Floodplain Analysis, Le	, ,		
					it (SWRA), and Best Mar	•		
		ernatives Analy	sis. FY2021 f	unding will be	used to begin the Water	shed Evaluation		
Measurable Benefit:	phase.	ectual Measura	hle Renefit wi	ill he the com	oletion of a WMP that ide	ntifies floodplains		
mododrabio Bonont.				-	MPs to address flooding	-		
		n the watershe			c to dad 555	and mater quanty		
Costs:	Total proje	ct cost: \$575,0	000					
	Pinellas C	ounty: \$287,50	00					
			75,000 reques	sted in FY202	1 and \$212,500 anticipate	ed to be requested		
	in future y	ears.						
Application Quality	Lliab	Application in	Evalu		mation identified in the C	TI Cuidalinaa		
Application Quality:					mation identified in the C			
Project Benefit:	піgп		•		that exist in the watershover 10 years old, and th	-		
			termediate sto		•	e watersned includes		
Cost Effectiveness:	Medium				dium range of historic cos	sts (between		
			-		ompleted in urban waters	•		
		cost for this u	rban watershe	ed is justified	due to the flooding in the	watershed over the		
					nable floodplain results i	ncorporating modeling		
			nt watershed s					
Past Performance:					lule and budget for the 12			
Complementary Efforts:					class is 5 and is in the 5	or better range.		
Project Readiness:	High	Project is read			cember 1, 2020.			
			Strategi			•		
Strategic Goals:	High	_		_	essment and Planning:			
		•		•	onal water quality status s and restoration initiative			
			•		ement: Collect and analy			
		_			nformation, flood protecti			
		to support flo	odplain mana	gement decis	ion and initiatives.			
			_	-	ection: Improve flood pro			
		•		e, Anclote an	d Hillsborough Rivers an	d Pinellas County		
		coastal wate		15	1.0			
Fund as High Priority.	This project		I Ranking and		dation not have a flood risk mo	dal. The regulting		
T und as riight honty.					to help implement solution	_		
					e the planning of future de			
	project are					·		
			Func	ding				
Funding Source	P	rior	FY20	21	Future	Total		
District		\$0		\$75,000	\$212,500			
Pinellas County		\$0		\$75,000	\$212,500			
Total		\$0		\$150,000	\$425,000	\$575,000		

Project No. Q156	SW IMP - F	lood Protecti	on – Port Richey	y Northern	Outfall Improvements			
Pasco County						FY20	021	
Risk Level:	Type 2		N	lulti-Year (Contract: No			
			Descripti	ion				
Description:	capacity of north and completed	f the existing o west to the Gu	outfall of the Port ilf of Mexico to re gn and will contin	Richey Wa lieve struct	nagement Practices (BM tershed from the vicinity ture and street flooding. F the design forward in o	of Ridge Road then Pasco County has		
Measurable Benefit:	conveyand basin. Cor	ce system BMI estruction will b	Ps to reduce floo be in accordance	ding in app with the pe	oletion of construction of roximately 3,776 acres of the plans.			
Costs:	Pasco Cou	unty: \$1,150,0	0,000 (construction 00 Juested in FY2021	•				
	·	· · ·	Evaluation					
Application Quality:	Medium	District PM/C	M had to work wi	ith coopera	information identified in tor to obtain remaining re	equired information.		
Project Benefit:	High	the 2.33 year the project ar	The Resource Benefit of this project will reduce the existing flooding problem during the 2.33 year, 24-hour storm event. Structure and street flooding currently occurs in the project area and the project impacts the regional or intermediate drainage system. Ancillary water quality benefits were demonstrated along with the flood protection					
Cost Effectiveness:	Medium	Benefit/Cost	ratio is less than	1, but grea	ter than or equal to 0.7.			
Past Performance:	Medium	Based upon a	an assessment o	f the sched	ule and budget for the 18	3 ongoing projects.		
Complementary Efforts:	Medium	Cooperator's	Community Ration	ng System	Class is 6 and is in the 6	to 9 range.		
Project Readiness:	High	Project is rea	dy to begin on or	before De	cember 1, 2020.			
			Strategic G	Goals				
Strategic Goals:	High	Strategic Goals Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds						
		Overal	I Ranking and R	lecommen	dation			
Fund as High Priority.	Pasco Co		•		experienced multiple rec effort in order to begin an			
			Fundin	g				
Funding Source	P	rior	FY2021		Future	Total		
District		\$0	\$	1,150,000	\$0	· · · ·	000	
Pasco County		\$0		1,150,000	\$0			
Total		\$0	\$2	2,300,000	\$0	\$2,300,0	000	

Project No. Q158	Reclaimed - Pas	co Co. I	River Landing Reclaimed \	Water Transmission					
Pasco County					FY2021				
Risk Level:	Type 2		Multi-Year	Contract: No					
			Description						
Description:	This project is fo	the cor	nstruction of approximately	14,950 feet of reclaimed	water transmission				
			ary appurtenances to supply						
			and 15 acres in the Pasco (County reclaimed water so	ervice area and to				
Measurable Benefit:			lanned subdivisions. able Benefit will be construc	tion of a reclaimed water	transmission main				
modeal abio Bollotta			of reclaimed water for resi						
			of water savings within the		-				
			struction will be done in acc	ordance with the permitte	ed plans				
Costs:	-		6,600 (Construction)						
	District \$1,693,3 Pasco County S		.693.300						
	,	,	Evaluation						
Application Quality:	High Appli	ation in	cluded all the required info	rmation identified in the C	CFI Guidelines.				
Project Benefit:		-	enefit is the supply of 465,0						
	_		omers (single-family, multi-	-) for an anticipated				
Cost Effectiveness:			of water savings within the allon per day capital cost wh		15 per gallon average				
OUST Effectiveness.			supplies. The estimated o						
			efit which is within the cost		_				
		from a low of \$0.15 per 1,000 gallons for golf course projects and up to \$10.00 per							
Past Performance:		1,000 gallons for residential projects.ledium Based upon an assessment of the schedule and budget for the 18 ongoing projects.							
Complementary Efforts:			y's reclaimed water system						
	-		s for high volume water use	_					
		-	licies which maximize utiliz	ation, water resource ber	nefits and				
Duele et De e din e e e			l benefits.	Manala 4, 0004					
Project Readiness:	Medium Proje	ct is exp	ected to begin on or before Strategic Goals	March 1, 2021.					
Strategic Goals:	High Strat	oaic Ini	tiative - Alternative Water	Sunnlies: Increase deve	lonment of				
on atogro cours.		_	ources of water to ensure g	• •	•				
			tiative - Reclaimed Water:		-				
			ice demand on traditional w						
		oa Bay l egies.	Region Priority: Implement	Minimum Flow and Leve	el (MFL) Recovery				
	Strate		I Ranking and Recommen	dation					
Fund as High Priority.		commer	nded for funding as it reduc		supplies in the				
	NTBWUCA, and	is cost							
Funding Course	Dulas		Funding FY2021	Eutres	Total				
Funding Source Pasco County	Prior	\$0		Future \$0	Total \$1,693,300				
District		\$0 \$0		\$0					
Total		\$0		\$0					

Project No. Q163	Study - Se	minole Storm	water Master Plan Update	and Infrastructure Asse	ssment					
Seminole					FY2021					
Risk Level:	Type 4		Multi-Year (Contract:						
			Yes, Year 1	of 2						
			Description							
Description:	Complete	a Watershed N	Management Plan (WMP) fo	or the City of Seminole in	Pinellas County,					
	-	_	tershed evaluation includin	~	-					
	•		e determination (LOS), and	•	` ,					
		ernative analysis. FY2021 funding will be utilized to develop a comprehensive GIS based								
Magazinahla Danafiti		ventory of stormwater system and begin the Watershed Evaluation phase of the project. le contractual Measurable Benefit will be the completion of a WMP that identifies floodplains,								
Measurable Benefit:										
	Watershed		aluates BMPs to address fl	ooding concerns in the C	ity of Seminole					
Coete		ı. ct cost: \$500,(200							
00313.		ninole: \$250,0								
	-		125,000 requested in FY20	21 and \$125.000 anticipa	ited to be requested					
	in future ye		,,,,,,	, -, 1	· ·					
	, i		Evaluation							
Application Quality:	High	Application in	cluded all of the required in	formtion identified in the	CFI guidelines.					
Project Benefit:	High	The WMP wil	l analyze flooding problems	that exist in the watersh	ed. Currently, the					
_	-	flood analysis	models are not available o	or over 10 years old, and	the watershed					
		includes regio	onal or intermediate stormw	ater systems. The City w	atershed is one of					
			op 20 priority watersheds f							
Cost Effectiveness:	Medium	-	er square mile is in the me	_ ,	ween \$66,001 and					
			ii) for WMPs completed in u							
Past Performance:	High		cooperator having no ongo	oing projects with the Dist	rict they are ranked					
Complementary Efforts:	Low	high. Cooperator d	oes not participate in the Co	ommunity Rating System						
Project Readiness:		-	e ready to begin on or befor		•					
r rojour riodamicoci	riigir	r rojost wiii be	Strategic Goals	0 B 0 0 0 11, 2 0 2 0 .						
Strategic Goals:	High	Strategic Ini	tiative - Floodplain Manag	ement: Collect and analy	ze data to					
otratogio coulo.	ı ııgıı	_	cal and regional floodplain i	•						
			odplain management decis	-						
			Region Priority: Improve La		a Bay, Lake Tarpon					
		and Lake Se			•					
		Overal	I Ranking and Recommen	dation						
Fund as High Priority.			od risk in an area that does		_					
	-		r flood zone determination,							
			e the planning of future dev		_					
			is justified due to the lack of		on required to create					
	the pest fic	oodpiain data i	n this highly urbanized area Funding	1. 						
Funding Source	Di	rior	FY2021	Future	Total					
Seminole		\$0	\$125,000	\$125,000						
District		\$0 \$0	\$125,000	\$125,000						
		\$0 \$0	-	\$250,000						
Total		φυ	φ230,000	Ψ230,000	<u>ψ500,000</u>					

Project No. Q169	Study – Ze	phyr Creek Fe	easibility Study		
Pasco County					FY2021
Risk Level:	Туре 3		Multi-Yea	Contract: No	
			Description		
Description:	Complete	a feasibility stu	ıdy to identify solutions to	flooding of roads and resid	dential properties
·				East Pasco Watershed M	
	(WMP) mo	del will be utili	zed to perform the analys	is.	-
Measurable Benefit:	The contra	actual Measura	able Benefit will be the co	npletion of a feasibility stud	dy identifying
	solutions t	o reduce flood	ing of roads and residenti	al properties located along	Zephyr Creek in the
		o Watershed.			
Costs:		ct cost: \$150,0	000		
		unty: \$75,000	! : FV0004		
	District: \$7	5,000 request	ed in FY2021 Evaluation		
Application Quality:	High	Application in		ormation identified in the C	CFI Guidelines
Project Benefit:	-			that will analyze flooding p	
Project Benefit.	riigii			odels are available and are	
				al or intermediate stormwa	,
Cost Effectiveness:	High			or projects with similar scop	
Past Performance:				edule and budget for the 18	
Complementary Efforts:	Medium	Cooperator's	Community Rating Syste	m class is 6 and is in the 6	to 9 range.
Project Readiness:	Medium	Project is rea	dy to begin on or before N	March 1, 2021.	
			Strategic Goals		
Strategic Goals:	High	Strategic Ini	tiative - Floodplain Mana	gement: Collect and analy	ze data to
		determine lo	cal and regional floodplair	information, flood protecti	ion status and trends
		to support flo	odplain management ded	ision and initiatives.	
			_	otection: Improve flood pro	
		-		and Hillsborough Rivers an	d Pinellas County
		coastal wate		u doti ou	
Fund as High Priority.	The project		Ranking and Recomme	el to complete a feasibility s	atudy to identify
T und as riight honly.			•	erties located along Zephyl	-
		_		ent years and is identified	
		in the East Pa	•	,	
			Funding		
Funding Source	Р	rior	FY2021	Future	Total
District		\$0	\$75,00	0 \$0	\$75,000
Pasco County		\$0	\$75,00	0 \$0	\$75,000
Total		\$0	\$150,00	\$0	\$150,000

Project No. Q189	Study - Ta	mmy Lane/Tin	nber Lake Estates Feasibi	lity Study				
Pasco County						FY2021		
Risk Level:	Type 3		Multi-Year	Contract: No				
			Description					
	located in flooding ar Watershed benefit and	complete a feasibility study to identify solutions to flooding of roads and residential properties ocated in the Tammy Lane and Timber Lake Estates regional area. This area has experienced cooding and damage to homes and is identified as a level of service deficiency in the New River watershed Management Plan (WMP). The project combines elements of a model update, cost enefit analysis with focus on mobile homes, and a feasibility study with quantifiable benefits.						
Measurable Benefit:			able Benefit will be the com	•				
			educe flooding of roads and states developments.	d residential properties lo	cated in the Tammy			
Costs:	Total proje	ect cost: \$150,0 unty: \$75,000	•					
		5,000 request	ed in FY2021.					
			Evaluation					
Application Quality:	High	Application in	cluded all the required info	rmation identified in the C	FI Guidelines.			
Project Benefit:	High	High The project benefit is a feasibility study that will analyze flooding problems in the watershed. Currently, flood analysis models are available and are from 5 to 10 years						
0 15% "	11: 1		vatershed includes regiona		•			
Cost Effectiveness:			s comparable to other prior					
Past Performance:			an assessment of the sche	<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, 2020.				
		1	Strategic Goals					
Strategic Goals:	High	High Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds						
			I Ranking and Recommen					
Fund as High Priority.	water qua		te a feasibility study to evance natural systems in the Taled.					
			Funding					
Funding Source	Р	rior	FY2021	Future	Total			
District		\$0	· ·			\$75,000		
Pasco County		\$0	\$75,000			\$75,000		
Total		\$0	\$150,000	\$0	,	\$150,000		

Project No. Q190	SW IMP - F	lood Protecti	on – Lower Peninsula	Stormwater Improvements	- Southeast				
City of Tampa	Region				FY2021				
Risk Level:	Type 3		Multi-Y	ear Contract: No					
			Description						
Description:	Third party	review of the	City's 30% design pac	kage of regional stormwater i	mprovements to				
			-	the Lower Peninsula of the C	-				
			·	lines south to the MacDill 48					
			-	conveyance line east to an o					
		-	•	nis project has a conceptual c					
	_			y is expected to complete the . The FY2021 funding reques	_				
	_			cessary information to suppo					
		ars to complete design, permitting, and construction.							
Measurable Benefit:				viding 30% design package o	f the proposed				
			· · · · · · · · · · · · · · · · · · ·	m BMP's to reduce flooding in					
			rbanized basin.	ŭ	,				
Costs:			00 (third party review)						
		npa: \$35,000							
				omplete design, permitting an					
		-		mpa will request funding to c	omplete design,				
	permitting,	and construct	tion in future years.						
Annliestion Ovelitor	l li ada	Application in	Evaluation	information identified in the C	NEL Cuidelines				
Application Quality:	-		<u> </u>	information identified in the C					
Project Benefit:	High			, if constructed, will reduce th					
		-	-	form event. Structure and streats the regional or intermedi	_				
				demonstrated along with the					
		benefits.	or quality borionto word	demonstrated along with the	nood protootion				
Cost Effectiveness:	Medium	Benefit/Cost	ratio is less than 1, but	greater than or equal to 0.7.					
Past Performance:	High	Based on an	assessment of the sch	edule and budget for 8 ongoi	ng projects.				
Complementary Efforts:	High	Cooperator's	Community Rating Sy	stem class is 5 and is in the 5	or less range.				
Project Readiness:	High	Project is rea	dy to begin on or befor	e December 1, 2020.					
			Strategic Goals						
Strategic Goals:	High	Strategic Ini	tiative – Flood Protec	tion Maintenance and Impro	vement: Develop				
		-		and regulations to maintain ar					
			•	d control and conservation st	ructures to minimize				
		_	e while preserving the						
				Protection: Improve flood pro					
		coastal wate		te and Hillsborough Rivers an	id Pinelias County				
			l Ranking and Recom	mendation					
Fund as High Priority.	The City is			ird party review only of a 30%	design that they				
3 ,	-		-	vious year. The results from t	-				
		•	•	o confirm the resource benefi					
	effectivene	ess of construc	cting this project. If cor	structed, the project will provi	ide flood protection				
	for structu	res and streets	s duing the 5-year, 8-h	our event.					
			Funding						
Funding Source	Pı	rior	FY2021	Future	Total *				
District		\$0		000 \$12,500,000					
City of Tampa		\$0		000 \$12,500,000					
Total		\$0	\$70	000 \$25,000,000	\$25,070,000				

^{*}Conceptual cost estimate, subject to Governing Board Approval

Project No. Q210	SW IMP - F	lood Protecti	on – Griffin P	ark Flood Aba	atement Project				
Pasco County							FY2021		
Risk Level:	Type 3			Multi-Year C	Contract:				
				Yes, Year 1	of 2				
			Descri	ption					
Description:	Design, pe	rmitting, and c	onstruction of	a pond and c	onveyance system to div	vert water from the			
		-		-	project was selected bas				
	flooding in	recent years a	and the floodp	lain informatio	n from the Pithlachascot	tee / Bear Creek			
	WMP. FY2	2021 funds will	be used to be	egin design.					
Measurable Benefit:	The contra	The contractual Measurable Benefit will be the construction of a pond and stormwater							
	conveyand	e system in th	e area of Griff	in Park. Cons	truction will be in accord	ance with permitted	t		
	plans.								
Costs:				ı, permitting, a	and construction)				
		unty: \$900,000		1 1: F\/00/	1.4. Ι.Φ.ΖΟΕ ΟΟΟ . (° °				
			195,000 reque	ested in FY202	21 and \$705,000 anticipa	ated to be requested	a		
	in future ye	ears.	Evalu	ation					
Application Quality:	High	Application in			mation identified in the C	°El Guidelines			
Application Quality:									
Project Benefit:	піgп				educe the existing floodi ture and street flooding o		ho		
					regional or intermediate o	•	ile		
				-	onstrated along with the				
		benefits.	r quality bene	into were dem	onstrated along with the	nood proteotion			
Cost Effectiveness:	High		atio is greater	than or equa	I to 1. Benefits include a	voided damages to			
		structures and roads.							
Past Performance:	Medium	Based upon a	n assessmen	t of the sched	ule and budget for the 18	8 ongoing projects.			
Complementary Efforts:	Medium	Cooperator's	Community R	ating System	class is 6 and is in the 6	to 9 range.			
Project Readiness:	Medium	Project is rea	dy to begin on	or before Ma	rch 1, 2021.				
			Strategi	c Goals					
Strategic Goals:	High	Strategic Ini	tiative - Wateı	Quality Mair	tenance and Improvem	ent: Develop			
	Ū	_		-	egulations to maintain ar	•			
		quality.							
		Strategic Ini	tiative - Flood	lplain Manage	ement: Collect and analy	ze data to			
			_		nformation, flood protecti	ion status and trend	ls		
			-	-	ion and initiatives.				
			_	-	ection: Improve flood pro				
		•		e, Anclote and	d Hillsborough Rivers an	d Pinellas County			
		coastal wate		I D	detien.				
Fund as High Priority.	This project		Ranking and		nce systems to divert sto	rmwatar fram			
r und as riight honty.				•	into a new pond and thei		,		
				-	ar, 24-hour event in an a		•		
	-	es structure an	-	-		4 11/41			
			Func						
Funding Source	Pi	rior	FY20		Future	Total			
Pasco County		\$0		\$195,000	\$705,000		\$900,000		
District		\$0		\$195,000	\$705,000	_	\$900,000		
Total		\$0		\$390,000	\$1,410,000		1,800,000		
iotai		Ψ0		+300,000	+ -,	· *	, ,		

Project No. Q213	Hillsboroug	h County SC	ADA System						
Hillsborough County			·		FY2021				
Risk Level:	Type 3		Multi-Year	Contract:					
			Yes, Year 1	of 2					
			Description						
Description:	based on the throughout information decisions in	mplementation of real-time water level monitoring systems throughout Hillsborough County, based on the previously funded feasibility study Q001. The current density of real-time gauges throughout the County does not provide suitable flood information that the County requires. The information gained from this connected monitoring system will be used to help make critical lecisions in preparation for storm events. FY2021 funding will be used to initiate construction of leal-time monitoring systems in Hillsborough County.							
Measurable Benefit:	The contra	ctual Measura	able Benefit will be the insta	Illation of approximately 2	250 real-time				
		•	disting and newly constructed						
Costs:	Hillsboroug	gh County: \$90 00,000 with \$2	0,000 (Implementation of S 00,000 200,000 requested in FY20		,				
			Evaluation						
Application Quality:	High		cluded all the required info						
Project Benefit:	High	monitoring sta	f this project is related to th ations for lakes and stream nhance emergency operation	s within Hillsborough Coւ	ınty. The monitoring				
Cost Effectiveness:	High	Project cost is	s comparable to other prior	projects with similar scop	oes.				
Past Performance:	High	Based upon a	an assessment of the sched	dule and budget for the 23	3 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 De	cember 1, 2020.					
			Strategic Goals						
Strategic Goals:	High	Strategic Initiative - Emergency Flood Response: Operate District flood control and water conservation structures, providing effective and efficient assistance to state and local governments and the public to minimize flood damage during and after major storm events. Strategic Initiative - Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds							
Fund as High Priority.	The constr		I Ranking and Recommentional real-time monitoring of		oughout Hillsborough				
3 7	County will and emerg manage st	The construction of additional real-time monitoring of water level gauges throughout Hillsborough County will allow for the support of a flood information system, forecasts for public information and emergency management. Real-time water levels will allow County staff to proactively manage stormwater. Historical data collection and storage with an improved gauge density will also be used to improve calibration efforts for existing watershed models. Funding							
Funding Source	Pr	ior	FY2021	Future	Total				
Hillsborough County		\$0	\$200,000	\$700,000	\$900,000				
District		\$0		\$700,000	\$900,000				
Total		\$0	\$400,000	\$1,400,000	\$1,800,000				

Project No. Q215	Tampa Bay	Water Demai	nd Management	Program P	hase 2				
Tampa Bay Water							FY2021		
Risk Level:	Type 1		N	/lulti-Year C	ontract: No				
			Descript	ion					
Description:	single famil institutional urinals; pre- tower optim controllers; administrati	inancial incentives and services to customers for up to ten conservation activities, including: ingle 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 rinals; pre-rinse spray valves; commercial conveyor type energy star dishwashers; cooling ower optimization equipment; soil moisture sensor and evapotranspiration (ET) irrigation controllers; and landscape efficiency incentives. Also included is program promotion and dministrative costs to ensure the success of the program. Tampa Bay Water (TBW) member overnments are collaborating with TBW to implement and oversee the project.							
Measurable Benefit:				e the imple	mentation of the prograr	n and the			
Costs:	Total projec	of a final repo et costs: \$2,86 Water: \$1,43 432,238	64,476 32,238						
		A 1: (: ·	Evaluati			NEL 11.			
Application Quality:	- u				mation identified in the C	-			
Project Benefit:		The benefit of this project is the conservation of approximately 680,000 to 930,000 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 b	elow \$3.00	per thousand gallons sa	ived.			
Past Performance:	High	Based upon a	an assessment o	f the sched	ule and budget for the 2	ongoing projects.			
Complementary Efforts:	· ·		ages, tracks, and amongst its mer		anning and coordination ments.	for water			
Project Readiness:	High	Project is rea	dy to begin on o	r before Ded	cember 1, 2020.				
			Strategic (Goals					
Strategic Goals:	High	-							
			II Ranking and R						
Fund as High Priority.	Project will	conserve pot		•	UCA and NTBWUCA an	id is cost effective.			
			Fundin						
Funding Source	Pri		FY2021		Future	Total			
Tampa Bay Water		\$0		1,432,238	\$0		,432,238		
District		\$0		1,432,238	\$0	·	,432,238		
Total		\$0	\$	2,864,476	\$0	\$2	2,864,476		

Project No. W024	FY2021 Tar	npa Bay Envi	ronmental Restoration Fu	nd				
TBEP		, ,			FY	Y2021		
Risk Level:	Type 3		Multi-Year	Contract: No				
	71		Description					
Descriptions	The Temp	- Boy Environ	•	TREPE) was established t	a fund rootoration			
Description:		•	mental Restoration Fund (T initiatives in Tampa Bay. Th	,				
			ecures local funding to leve		- , ,			
	_		ries (RAE) through environ	_				
Measurable Benefit:			able Benefit will be that the					
			t restoration projects throug	• •				
Costs:		ct Cost: \$700,		,				
	TBEP: \$35							
	District: \$3	50,000 (Distri	ct share includes a 10% ad	ministrative fee for each o	grant managed by			
	the TBEP)			·				
			Evaluation					
Application Quality:	High	Application in	cluded all the required info	rmation identified in the C	FI guidelines.			
Project Benefit:	High	The Resource	e Benefit of the project is w	ater quality improvement	and natural systems			
			Tampa Bay, a SWIM priori					
Cost Effectiveness:	High		will be leveraged with other	•	•			
Past Performance:	High		an assessment of the sche					
Complementary Efforts:	High							
		improve water quality.						
Project Readiness:	High	Project is rea	dy to begin on or before De	ecember 1, 2020.				
			Strategic Goals					
Strategic Goals:	High	_	tiative - Water Quality Mai	-	·			
		<u> </u>	ent programs, projects and	regulations to maintain ar	id improve water			
		quality.	tiative - Conservation and	Postoration: Restoration	and .			
			of natural ecosystem for the					
		resources.	or natural occoyotom for a	to bottom of water and we	ator rolatou			
			Region Priority: Improve L	ake Thonotosassa. Tamp	a Bav. Lake Tarpon			
		and Lake Se		, ,	, 1			
		Overal	I Ranking and Recommen	dation				
Fund as High Priority.	Due to the	leveraging of	local, federal, private, and	penalty funds, this project	t is a very cost			
		•	ment water quality and hab					
		-	y. The District has provided	_				
			BERF funded 65 projects a	-	5.6 million. Nine			
	District pro	jects have be	en funded at a grant amou	nt of \$1.45 million.				
- "			Funding		- / -			
Funding Source	Pı	rior	FY2021	Future	Total	0.000		
TBEP		\$0	\$350,000			0,000		
District		\$0 \$0	\$350,000			0,000		
Total	<u> </u>	\$0	\$700,000	\$0	<u> </u>	0,000		

Project No. W211	Restoratio	n – Weedon Is	land Tidal Marsh						
Pinellas County						FY2021			
Risk Level:	Type 3		Multi-Year	Contract:					
			Yes, Year 1	of 2					
			Description						
Description:		-	construction of a natural sy						
			ough elimination of stagna		_				
			restoration of diurnal sheet						
		eedon Island Preserve. This project is within the Tampa Bay watershed, a SWIM priority water							
Measurable Benefit:	body.	actual Measura	able Benefit of this project i	s the hydrologic restoration	on of 42 acres of				
			uarine wetland habitat with						
Costs:			800 (Design, permitting, a						
	Pinellas C	ounty: \$468,90	00						
			56,268 requested in FY21	and \$412,632 anticipated	to be requested in				
	future yea	rs.	Frankrichten						
Application Ovality	Lliab	Application in	Evaluation	rmation identified in the C	CEL Cuidelines				
Application Quality:	-		cluded all the required info						
Project Benefit:	High		e Benefit of the project is re land habitat within the Tam		-				
		body.	ianu nabitat witiiin the Tan	ipa bay watershed, a Svv	in priority water				
Cost Effectiveness:	High		d cost/acre restored is less	than \$53,326/acre restor	ed for combined				
	ŭ	elements.		,					
Past Performance:	High		an assessment of the sche						
Complementary Efforts:	High		an exotic removal/treatme)			
			maintains "nature parks" o						
Project Readiness:	Medium		nplementary efforts that pro dy to begin on or before M		systems.				
1 Toject Neaumess.	Mediam	i rojectis read	Strategic Goals	aron 1, 2021.					
Strategic Goals:	High	Strategic Ini	tiative - Conservation and	I Restoration: Restoration	n and				
Otratogro Couro.	i ligii	_	of natural ecosystem for t						
		resources.	,						
		Tampa Bay I	Region Priority: Improve L	ake Thonotosassa, Tamp	oa Bay, Lake Tarpon				
		and Lake Se							
Frank on High Deineite	- 1.		I Ranking and Recommer		·				
Fund as High Priority.			tive and will restore 42 acr rity water body.	es of natural systems with	nin the Tampa Bay				
	watersnet	i, a Ovviivi prioi	Funding						
Funding Source	Р	rior	FY2021	Future	Total				
Pinellas County	1	\$0				\$468,900			
District		\$0	\$56,268		-	\$468,900			
Total		\$0	\$112,536	\$825,264		\$937,800			

Project No. W220	SW IMP - V	Water Quality	- Town of Redi	ngton Beac	h Stormwater Retrofits		
Redington Beach						FY20	021
Risk Level:	Туре 3		ı	Multi-Year C	ontract: No		
			Descript	tion			
Description:	Design, pe	ermitting, and o	construction of s	tormwater re	etrofits in the City of Red	ington Beach to	
	improve w	ater quality dis	scharging to Boo	a Ciega Bay	/ within the Tampa Bay v	vatershed, a SWIM	
	priority wa						
Measurable Benefit:				_	n, permitting, and const		
			•	•	l stormwater runoff. Con		
				•	t also includes ancillary t testing requirements.	lood protection	
Coete:			000 (Design, per				
00313.		edington Beac		mitting, con	Struction)		
	District: \$7	-					
			Evaluat	ion			
Application Quality:	Medium			•	information identified in		
					tor to obtain remaining re	•	
Project Benefit:	Medium			•	reduction of pollutant lo	•	
					d 67 lbs/yr TN and 11 lb	s/yr TP. This project	
Cost Effectiveness:	High		e ancillary flood p		elow the historical avera	age of \$176/lh. The	
COSt Effectiveness.	riigii				the historical average o	•	
Past Performance:	High				ing projects with the Dist		
	ŭ	high.	•			•	
Complementary Efforts:	High	Applicant has	s an active storm	water utility	that collects fees.		
Project Readiness:	Medium	Project is rea	dy to begin on o	r before Ma	rch 1, 2021.		
			Strategic (Goals			
Strategic Goals:	High	_		-	tenance and Improvem	•	
		-	ent programs, pr	ojects and re	egulations to maintain ar	nd improve water	
		quality.				D	
		and Lake Se	•	improve La	ike Thonotosassa, Tamp	oa Bay, Lake Tarpon	
		Overal	I Ranking and F	Recommend	dation		
Fund as High Priority.			•	-	ality discharging to Tamp	-	
	priority wa	iter body. This			ary flood protection bene	fits.	
			Fundir				
Funding Source	P	rior	FY2021		Future	Total	000
District		\$0		\$75,000	\$0	, -,-	
Redington Beach		\$0 \$0		\$75,000	\$0 \$0	· · ·	
Total		Φ U		\$150,000	Φ0	\$150,0	500

Project No. Q132	WMP - Co	WMP – Countywide Floodway Update and Re-delineation						
Hillsborough County							FY2021	
Risk Level:	Туре 3			Multi-Year C	ontract: No			
			Descri	ption				
Description :	The project topograph LiDAR (N7 will also se	Completion of re-delineation of existing FEMA designated floodways within Hillsborough County. The project will utilize recently completed Watershed Management Plans and the latest opographic information collected through the cooperatively funded project Hillsborough County LiDAR (N767). The new floodway delineation will be provided to FEMA for future map revisions. It will also serve as the best available information for District Regulation and County Land Development to make sound regulatory decisions.						
Measurable Benefit:	The contra				on of re-delineation of	of floodways	within	
Costs:	Total proje Hillsborou	ect cost: \$1,000 gh County: \$50 500,000 reques	00,000	1				
			Evalua	ation				
Application Quality:	High	Application in	cluded all the	required inforr	mation identified in th	ne CFI Guide	elines.	
Project Benefit:	Medium	The project will re-delineate floodways within Hillsborough County. Currently, the floodways are over 10 years old and include regional or intermediate stormwater systems.						
Cost Effectiveness:	Medium	Project cost a	Project cost appears to be reasonable compared to similar past projects.					
Past Performance:	High	Based upon a	Based upon an assessment of the schedule and budget for the 23 ongoing projects.					
Complementary Efforts:	High	Cooperator's	Cooperator's Community Rating System class is 5 and is in the 5 or better range.					
Project Readiness:	High	Project is ready to begin on or before December 1, 2020.						
			Strategio	C Goals				
Strategic Goals:	High	Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds						
			Ranking and					
Fund as Medium Priority.	be provide	Project will provide updated floodway delineation within Hillsborough County. The information will be provided to FEMA for future map revisions and used for District Regulation and County Land Development to make sound regulatory decisions.						
			Fund					
Funding Source	Р	rior	FY20	21	Future		Total	
District		\$0		\$500,000		\$0	\$500,000	
Hillsborough County		\$0		\$500,000		\$0	\$500,000	
Total		\$0		\$1,000,000		\$0	\$1,000,000	

Project No. Q171	Study – Mc	Kay Creek Mo	odel Update, A	Alternatives A	nalysis and Feasibility Study			
Pinellas County						FY2021		
Risk Level:	Type 3			Multi-Year C	ontract:			
				Yes, 1 of 2				
			Descri	ption				
Description:	Develop a	Develop a Preliminary Engineering Report (PER) that evaluates proposed BMPs in the McKay						
			-		were identified as recommendation			
	•	•		• ,	and other studies. The project w	•		
				•	ion benefits, project costs, proper	rty		
Managemakia Damafite		ghts/acquisition needs, and permitting/mitigation requirements for proposed BMPs. he contractual Measurable Benefit will be the completion of the study and a PER that evaluates						
Measurable Benefit:				-	-			
Coete:		ct cost: \$520,0		rove water qua	ality within the McKay Creek wate	ersneu.		
00313.		ounty: \$260,00						
		-		sted in FY202	1 and \$130,000 anticipated to be	requested		
	in future ye				, ,, ,	4		
			Evalua	ation				
Application Quality:	High	Application in	cluded all the	required inforn	nation identified in the CFI Guide	lines.		
Project Benefit:	Medium	The project b	enefit is a stud	y that will eval	luate stormwater improvement alt	ternatives for		
		flood protection	on and water o	juality improve	ement. Currently, flood analysis m	nodels are		
				-	and the watershed includes region	nal or		
			stormwater sys		-			
Cost Effectiveness:	Medium	•	-	-	n historic costs for model update			
			•	•	le to other feasibility studies. Proj	ject		
Doot Douformonoo	Lliab			of these proje		, projects		
Past Performance:	, ,	Based upon an assessment of the schedule and budget for the 12 ongoing projects.						
Complementary Efforts:	-	Cooperator's Community Rating system class is 5 and is in the 5 or less range.						
Project Readiness:	High	Project is ready to begin on or before December 1, 2020. Strategic Goals						
Stratagia Caalay	Lliab	Ctuata nia Ini			compart and Blowning. Callegt an	- d		
Strategic Goals:	підп	_		_	ssment and Planning: Collect ar onal water quality status and trend			
		•		•	and restoration initiatives.	us 10		
			-			0		
		Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends						
			-		on and initiatives.			
		Tampa Bay	Region Priorit	y : Improve Lal	ke Thonotosassa, Tampa Bay, La	ake Tarpon		
		and Lake Se	minole.					
			_	-	ection: Improve flood protection in			
		-		e, Anclote and	Hillsborough Rivers and Pinellas	s County		
		coastal wate		Pocommond	ation			
Fund as Medium Priority.	The project			Recommend	ther define solutions to reduce flo	oding and		
r and as Mediani i nonty.		-	-			-		
	improve water quality in the McKay Creek Watershed. It uses an existing watershed model and recommendations from the McKay Creek WMP (N373) Alternatives Analysis as well as other							
	studies. The project combines elements of an alternatives analysis and a feasibility study; costs							
			ıl feasibility stu					
			Fund	ling				
Funding Source	Pı	ior	FY20:	21	Future	Total		
Pinellas County		\$0		\$130,000	\$130,000	\$260,000		
District		\$0		\$130,000	\$130,000	\$260,000		
Total		\$0		\$260,000	\$260,000	\$520,000		

Project No. Q175	Study - Bl	Study – Bluff Restoration and Erosion Abatement						
Town of Belleair						FY2021		
Risk Level:	Type 3		Multi-Year (Contract: No				
			Description					
Description:	wave active maximizing reduction land conce	his feasibility study will investigate the erosion of the bluff shoreline along Bayview Drive due to eave activity and groundwater discharge and develop options to address these issues naximizing natural system restoration opportunities and improving water quality through nutrient eduction BMPs. This study will result in a conceptual project plan, including quantified benefits and conceptual costs.						
Measurable Benefit:	The contra	actual Measura	able Benefit is the completion	on of the study and conce	ptual project plan.			
Costs:	-	ect Cost: \$270 elleair: \$135,0 135,000						
			Evaluation					
Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with the cooperator to obtain remaining required information.						
Project Benefit:	Medium	Medium The Resource Benefit of the project is the conceptual project plan that will address and alleviate erosion of the bluff shoreline due to wave activity and groundwater discharge. The Study will identify options that maximize natural system restoration opportunities and improve water quality through nutrient reduction BMPs.						
Cost Effectiveness:	Medium							
Past Performance:	Low	Based upon a	an assessment of the sched	dule and budget for the 1	ongoing project.			
Complementary Efforts:	High							
Project Readiness:	High	High The project is ready to begin on or before December 1, 2020.						
	Strategic Goals							
Strategic Goals:								
5 1 M 1 5 5 1			I Ranking and Recommen					
Fund as Medium Priority.	This study will develop a conceptual plan for erosion abatement for the Bayview Drive bluff shoreline. The study will develop options to address these issues maximizing natural system restoration opportunities and improving water quality through nutrient reduction BMPs and will include quantified benefits and conceptual costs.							
			Funding					
Funding Source	P	rior	FY2021	Future	Total	0405.000		
District		\$0	\$135,000	\$0		\$135,000		
Town of Belleair		\$0	\$135,000	\$0 \$0		\$135,000		
Total		\$0	\$270,000	\$0		\$270,000		

Project No. Q196	Study - Jo	e's Creek Mod	del Update, Alternatives An	alysis and Feasibility S	tudy		
Pinellas County					FY2021		
Risk Level:	Type 3		Multi-Year C	Contract:			
NISK ECVOI.	.,,,,,		Yes, 1 of 2	ontract.			
	Description						
Description	Dovolon a	Proliminary E	ngineering Report (PER) tha	at avaluates proposed PA	ADs in the looks		
Description.		-	llas County. The projects we				
			: Plan BMP Alternatives Ana				
		-	rater quality, natural systems				
	-		n needs, and permitting/miti	•			
Measurable Benefit:			able Benefit will be the comp				
			aluate alternatives to reduc		-		
	-		s within the Joe's Creek wat	- ·	' '		
Costs:		ct cost: \$720,0					
	Pinellas C	ounty: \$360,00	00				
	District: \$3	60,000 with \$	180,000 requested in FY202	21 and \$180,000 anticipa	ted to be requested		
	in future ye	ears.					
			Evaluation				
Application Quality:	High	Application in	cluded all the required infor	mation identified in the C	FI Guidelines.		
Project Benefit:	Medium	The project b	enefit is a study that will eva	aluate stormwater improv	ement alternatives for		
		flood protection	on and water quality improve	ement. Currently, flood a	nalysis models are		
			less than 5 years old, and t	the watershed includes re	egional or		
			stormwater systems.				
Cost Effectiveness:	Medium						
			alyses. Costs are comparat	•	dies. Project		
			ments of both project types.				
Past Performance:			an assessment of the sched	<u>-</u>	· ·		
Complementary Efforts:	-	Cooperator's Community Rating system class is 5 and is in the 5 or less range.					
Project Readiness:	High	h Project is ready to begin on or before December 1, 2020.					
Strategic Goals							
Strategic Goals:	High	_	tiative - Water Quality Asse	_			
		-	to determine local and regi				
			urce management decisions				
			tiative - Floodplain Manage				
			cal and regional floodplain in	•	on status and trends		
			oodplain management decisi Region Priority: Improve La		a Day Laka Tarnan		
		and Lake Se		ike monotosassa, ramp	a bay, Lake Tarpon		
			Region Priority: Flood Prote	ection: Improve flood prot	ection in Lake		
		-	Pithlachascotee, Anclote and				
		coastal wate					
			I Ranking and Recommend	dation			
Fund as Medium Priority.	The project		e a study to evaluate and fur		educe flooding,		
		•	d enhance natural systems				
	-	isting watershed model and recommendations from the Joe's Creek BMP Alternatives					
	Analysis. The project combines elements of a model update, alternatives analysis and a						
	feasibility	study.					
			Funding	_			
Funding Source	P	rior	FY2021	Future	Total		
District		\$0		\$180,000	\$360,000		
Pinellas County		\$0		\$180,000	\$360,000		
Total		\$0	\$360,000	\$360,000	\$720,000		

Project No. Q199	WMP – Sta	rkey Road Wi	/IP Update					
Pinellas County							FY2021	
Risk Level:	Type 3			Multi-Year C	Contract:			
				Yes, Year 1	of 3			
			Descri	ption				
Description:	Complete	Complete a comprehensive update to the Starkey Road Watershed Management Plan (WMP) in						
	Pinellas C	ounty, through	and including	Watershed E	valuation, Floodplain An	alysis, Level of		
		•			rce Assessment (SWRA)			
	_	lanagement Practice (BMP) Alternatives Analysis. The study will result in recommendations for						
	_	inage, water quality and natural systems improvement projects. FY2021 funding will be used						
Manage Har Danielle		gin the Watershed Evaluation phase.						
Measurable Benefit:				-	oletion of an updated WM			
	-		-		evaluates BMPs to addre atural systems in the wat	-		
Costs		ct cost: \$500,0		iu emiance n	aturai systems in the wat	ersneu.		
Ousts.		ounty: \$250,00						
		-		ted in FY2021	1 and \$175,000 anticipate	ed to be requested		
	in future y				· ····································			
			Evalua	ation				
Application Quality:	High	Application in	cluded all the	required infor	mation identified in the C	FI Guidelines.		
Project Benefit:	Medium	The WMP wil	l re-evaluate fl	looding proble	ems that exist in the wate	rshed. Currently,		
_		flood analysis	models are a	vailable and a	are from 5 to 10 years old	d, and the watershed	b	
		includes region	onal or interme	ediate stormwa	ater systems.			
Cost Effectiveness:	Low	Project cost per square mile is in the high-range of historic costs (greater than						
		\$40,000/sq. mi.) for WMP updates completed in urban watersheds. This is a heavily						
		urbanized watershed and will require a high level of effort during the watershed						
		evaluation and floodplain analysis phases of the project. This study will also include						
Doot Doufousson	I li ada	water quality and natural systems components.						
Past Performance:	<u> </u>							
Complementary Efforts:		Cooperator's Community Rating System class is 5 and is in the 5 or less range. Project is ready to begin on or before March 1, 2021.						
Project Readiness:	Medium	Project is rea			ICH 1, 2021.			
Ctuata via Ca alau	Lliede	Otrosto dia lasi	Strategio		and Discovery	O a ll a a t a m al		
Strategic Goals:	Hign				essment and Planning: (onal water quality status			
				•	onal water quality status s and restoration initiative			
			_		ement: Collect and analy			
		_		-	nformation, flood protecti		s	
			•	•	ion and initiatives.		_	
					ake Thonotosassa, Tamp	a Bay, Lake Tarpon		
		and Lake Se	_					
		Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake						
		Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County						
		coastal wate						
Fund on Madison Daissits	The		I Ranking and			and the second s		
Fund as Medium Priority.		-	•		ther define solutions to red. It combines clements	-		
			-		d. It combines elements	-		
	and alternatives analysis. In addition to Flood Protection this update will also include Water Quality and Natural Systems components.							
	Quality all	a Hatarai Oyst	Fund					
Funding Source	P	rior	FY20		Future	Total		
District		\$0		\$75,000	\$175,000		\$250,000	
Pinellas County		\$0		\$75,000	\$175,000		\$250,000	
Total		\$0		\$150,000	\$350,000		\$500,000	

Project No. W299	SW IMP - \	SW IMP – Water Quality – Ibis Stormwater Pond Retrofit					
Pinellas County					FY2021		
Risk Level:	Type 2		Multi-Year	Contract: No			
Description							
Description:	Constructi	Construction of stormwater BMP's to improve water quality discharging into the Tampa Bay					
			ity water body.				
Measurable Benefit:		he contractual Measureable Benefit will be the construction of BMPs to treat stromwater runoff					
		•	acres of residential urban				
		•	ed plans. There will be no r	nonitoring or performance	etesting		
Costs	requireme		000 (Construction)				
00313.		ounty: \$145,00	` ,				
	District: \$1	•	,,,				
	,		Evaluation				
Application Quality:	Medium	Application in	cluded most of the required	d information identified in	the CFI Guidelines.		
			M had to work with the coo	perator to obtain remainir	ng required		
		information.					
Project Benefit:	Medium						
0 t F# ti	NA - disses	SWIM priority water body, by an estimated 30.9 lbs/year of TN.					
Cost Effectiveness:	ivieaium	Medium The estimated cost/lb of TN removed is between the historical average of \$176/lb TN and \$475/lb TN.					
Past Performance:	High						
Complementary Efforts:	High	Applicant has	an active stormwater utilit	y that collects fees.			
Project Readiness:	High	High This project is scheduled to begin on or before December 1, 2020.).		
	Strategic Goals						
Strategic Goals:	High	_	tiative - Water Quality Mai	-	•		
			nt programs, projects and	regulations to maintain ar	nd improve water		
		quality.					
			Region Priority: Improve L	ake Thonotosassa, Tamp	a Bay, Lake Tarpon		
		and Lake Se		detion			
Fund as Medium Priority.	This proje		I Ranking and Recommen		This project will		
r and as modium i nonty.	This project is cost effective, but it has a marginal nutrient reduction benefit. This project will reduce nutrients entering Tampa Bay, a SWIM priority water body.						
Funding							
Funding Source	Р	rior	FY2021	Future	Total		
District		\$0	\$145,000	\$0	\$145,000		
Pinellas County		\$0	\$145,000	\$0			
Total		\$0	\$290,000	\$0	\$290,000		

Project No. N901	SW IMP - F	lood Protecti	on – Port Richey Alterna	tive Outfall				
Pasco County			•		FY202			
Risk Level:	Type 3		Multi-Year	Contract:				
			Yes, Year	4 of 5				
			Description					
Description:	Slough sys	Land acquisition, design, permitting, and construction of an alternative outfall for the Port Richey Slough system. Currently, stormwater flows from the Magnolia Valley area through a slough system which eventually discharges north under Ridge Road and then west under 19 to the Gulf						
	-	•	looding is experienced as the wetland slough area narrows into a channel. This					
		_		cts the slough system to a				
	the Gulf, ju	ist south of Ric	dge Road. Funding was a _l	proved in FY2018 for 30%	6 design and			
				y review because this proj	-			
	design and construction		on elements. The FY2021	funding request is for des	ign, permitting, and			
Measurable Benefit:				design, permitting and cor				
			Port Richey Slough. Cons	truction will be done in ac	cordance with the			
Conto	permitted		2 000 (land assuisition de	aine thind manternarians as				
Costs:	construction		0,000 (land acquisition, de	sign, third-party review, pe	ermitting,			
		•	00 (Includes \$100 000 of I	and acquisition costs as fu	inding match)			
		•	•	vious years, \$750,000 req	- ,			
			d to be requested in future	-	,			
			Evaluation	•				
Application Quality:	Medium	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:	Medium							
,		the 100 year, 24-hour storm event. Street flooding currently occurs in the project area						
		_		intermediate drainage sys				
		quality benefi	ts were demonstrated alor	ng with the flood protection	n benefits.			
Cost Effectiveness:	Low	Benefit/cost r	atio is less than 0.7. Bene	fits include avoided damaç	ges to roads.			
Past Performance:	Medium	Based upon a	an assessment of the sche	dule and budget for the 18	3 ongoing projects.			
Complementary Efforts:	Medium	Cooperator's	Community Rating Syster	n class is 6 and is in the 6	to 9 range.			
Project Readiness:	High	Project is ong	joing and on schedule.					
			Strategic Goals					
Strategic Goals:	-							
		Overal	I Ranking and Recomme	ndation				
Low Priority, not	The Count			rty review which is schedu	lled for June of			
recommended for funding.			-	· ·				
· ·		2020. Contractually, the County will need Governing Board approval to proceed beyond this task. Staff is not recommending FY2021 funding for completion of design, permitting, and						
	construction due to the recently received Cost Benefit Analysis which shows the former benefits							
	of this proj	ect being reali	zed in other projects.					
			Funding					
Funding Source	Pı	rior	FY2021	Future	Total			
District		\$625,000						
Pasco County		\$625,000	\$750,000					
Total		\$1,250,000	\$1,500,000	\$500,000	\$3,250,000			

The Southwest Florida Water Management District (District) does not discriminate on the basis of disability. This nondiscrimination policy involves every aspect of the District's functions, including access to and participation in the District's programs, services and activities. Anyone requiring reasonable accommodation, or would like information as to the existence and location of accessible services, activities, and facilities, as provided for in the Americans with Disabilities Act, should contact Donna Kaspari, Sr. Performance Management Professional, at 2379 Broad St., Brooksville, FL 34604-6899; telephone (352) 796-7211 1-800-423-1476 (FL only), ext. 4706; 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). If requested, appropriate auxiliary aids and services will be provided at any public meeting, forum, or event of the District. In the event of a complaint, please follow the grievance procedure located at WaterMatters.org/ADA.