SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Tampa Bay Region

FY2019 Cooperative Funding Initiative

Final Project Evaluations and Rankings





Southwest Florida Water Management District

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

An Equal Opportunity Employer

MEETING NOTICE

The Southwest Florida Water Management District (District) does not discriminate on the basis of disability. This nondiscrimination policy involves every aspect of the District's functions, including access to and participation in the District's programs and activities. Anyone requiring reasonable accommodation as provided for in the Americans with Disabilities Act should contact the District's Human Resources Office Chief, 2379 Broad St., Brooksville, FL 34604-6899; telephone (352) 796-7211 or 1-800-423-1476 (FL only), ext. 4703; or email ADACoordinator@WaterMatters.org. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1(800)955-8771 (TDD) or 1(800)955-8770 (Voice).

TAMPA BAY REGION

FISCAL YEAR 2019 COOPERATIVE FUNDING INITIATIVE PUBLIC MEETING

APRIL 12, 2018 • 10:00 A.M.

TAMPA OFFICE

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

≫ All meetings are open to the public. «

AGENDA

- 1. Call to Order and Pledge of Allegiance
- 2. Introductions
- 3. Approval of February 15, 2018 Meeting Minutes
- 4. CFI Final Staff Rankings and Recommendations
 - Project Presentations
- 5. Receive Additional Public Comment
- 6. Adjournment

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

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N988 - Conservation - UF/IFAS Soil Moisture Sensor Project
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April 12		Designet Name	Donk	District Prior Funding	FY2019 Proposed District Funding	District Future Funding
	Cooperator	Project Name	Rank			
N665	Clearwater	DAR - Clearwater Groundwater Replenishment Project Phase 3		11,685,600	500,000	4,172,400
N791	Pasco Co	Reclaimed Water - Pasco County Starkey Ranch Reclaimed Water Transmission Project - Project C	1A	347,927	108,873	0
N803	Pinellas Co	WMP - Anclote River Watershed Management Plan	1A	300,000	100,000	0
N836	Pasco Co	SW IMP - Flood Protection - Zephyr Creek Drainage Improvements: Units 1 & 2	1A	150,000	925,000	0
N837	Pasco Co	Reclaimed Water - Pasco Co. Cypress Preserve Recl. Water Transmission Project Year 2 of 2	1A	17,500	140,000	0
N859	Pasco Co	SW IMP - Flood Protection - Holiday Hill Subdivision Drainage Improvement	1A	100,000	450,000	0
N867	Tarpon Springs	SW IMP - Flood Protection - Palm Avenue Flooding Abatement	1A	49,387	200,592	0
N870	Pasco Co	SW IMP - Flood Protection - Colonial Manor Drainage Improvement	1A	134,000	1,066,000	0
N913	Pasco Co	SW IMP - Flood Protection - Ironbark Flood Abatement	1A	75,000	1,980,000	0
N915	Clearwater	SW IMP - Flood Protection - Lower Spring Branch Conveyance Improvements	1A	625,000	517,500	517,500
N924	Pinellas Co	WMP - Lake Tarpon Watershed Management Plan	1A	50,000	150,000	0
N943	Pasco Co	Restoration - Central Pasco Recharge Wetlands Facility Optimization	1A	60,000	50,000	30,000
W305	Pinellas Co	SW IMP - Water Quality - Roosevelt Stormwater Retrofit Project	1A	50,000	300,510	0
N748	Tampa	SW IMP - FP - Dale Mabry Henderson Trunkline - Upper Peninsula Watershed Drainage Improv.	Н	5,000,000	5,000,000	8,250,000
N773	Tampa	SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements	Н	1,500,000	3,000,000	10,500,000
N850	Pasco Co	SW IMP - Flood Protection - Sea Pines Neighborhood Flood Abatement	Н	150,000	500,000	1,000,000
N855	Hillsborough Co	DAR - South Hillsborough Aquifer Recharge Expansion (SHARE) - Phase 1	Н	2,265,000	2,235,000	350,000
N865	Pasco Co	SW IMP - Flood Protection - Magnolia Valley Storage and Wetland Enhancement	Н	300,000	200,000	6,000,000
N901	Pasco Co	SW IMP - Flood Protection - Port Richey Alternative Outfall	Н	225,000	400,000	1,000,000
N949	Tampa	SW IMP - Flood Protection - Southeast Seminole Heights Flood Relief	Н	0	500,000	0
N955	St. Petersburg	Conservation - St. Petersburg Toilet Rebate Program, Phase 17	Н	0	25,000	0
N961	St. Petersburg	Study - St. Petersburg Satellite Based Potable Water Leak Detection Study	Н	0	60,000	0
N965	Tampa Bay Water	AWS - Tampa Bay Water Tampa Bypass Canal Gates Automation	Н	0	210,700	305,300
N966	Hillsborough Co	SW IMP - Flood Protection - Gibson Avenue Drainage Improvements	Н	0	900,000	0
N967	Pasco Co	SW IMP - Flood Protection - Hidden Lake/Yellow Lake	Н	0	200,000	0
N972	Tampa	Conservation - Tampa Water Use Information Portal Implementation	Н	0	150,000	0
N975	Hillsborough Co	SW IMP - Flood Protection - Town "N" Country/Hillsborough Avenue Regional Drainage Improvements	Н	0	300,000	0
N988	Hillsborough Co	Conservation - UF/IFAS Soil Moisture Sensor Project	Н	0	25,000	0
N990	Pasco Co	SW IMP - Flood Protection - Zephyr Creek Drainage Improvements: Units 3 and 4	Н	0	300,000	0
N995	Plant City	WMP - Plant City Watershed Management Plan	Н	0	250,000	400,000

Project	Cooperator	Project Name	Rank	District Prior Funding	FY2019 Proposed District Funding	District Future Funding
N998	Tampa Bay Water	AWS - Tampa Bay Water Regional Facility Site Pump Station Expansion	Н	0	108,000	1,092,000
Q001	Hillsborough Co	Study - Hillsborough County SCADA Long-Term Planning	Н	0	100,000	0
Q012	Pasco Co	SW IMP - Flood Protection - Buck/ Lanier	Н	0	60,000	250,000
Q013	Pasco Co	WMP - Hammock Creek WMP	Н	0	300,000	600,000
Q014	Pasco Co	Conservation - Pasco County - Toilet Rebate - Phase 12	Н	0	50,000	0
Q027	Hillsborough Co	SW IMP - Flood Protection - 56th St and Hanna Avenue Regional Drainage Improvements	Н	0	200,000	1,475,000
Q028	Tampa	Reclaimed Water - Tampa Augmentation Project Feasibility Phase II	Н	0	1,145,500	0
Q034	Pinellas Co	WMP - Brooker Creek Watershed Management Plan	Н	0	75,000	375,000
Q036	St. Petersburg	SW IMP - Flood Protection - Bartlett Park and 7th Street South Stormwater Improvements	Н	0	122,500	1,052,500
Q041	New Port Richey	Conservation - New Port Richey Toilet Rebate - Phase 5	Н	0	7,470	0
Q042	Pasco Co	SW IMP - Flood Protection - PHSC Berm/Boggy Creek	Н	0	125,000	0
W024	TBEP	FY2019 Tampa Bay Environmental Restoration Fund	Н	0	350,000	0
W214	Pinellas Co	Restoration - Roosevelt Creek Channel 5 Improvements	Н	0	357,571	0
W296	Treasure Isld	SW IMP - Water Quality - E. Treasure Island Causeway BMPs	Н	0	275,250	0
N970	Pinellas Co	WMP - South Creek Watershed Management Plan	М	0	75,000	300,000
N976	Belleair	Study - Belleair Hydrogeologic Investigation for a Brackish Groundwater Water Supply	М	0	339,992	169,995
N993	Pasco Co	WMP - Cypress Creek Watershed Management Plan Update	М	0	200,000	700,000
N997	Kenneth City	WMP - Kenneth City Watershed Management Plan	М	0	62,500	0
Q011	Pasco Co	WMP - Pithlachascotee/Bear Creek Watershed Management Plan Update	М	0	200,000	600,000
Q026	Hillsborough Co	SW IMP - Flood Protection - N Falkenburg Rd. Drainage Improvements	М	0	500,000	0
Q045	New Port Richey	SW IMP - Water Quality - Beach Street Stormwater System Improvements	М	0	354,400	0
N492	Tampa	Lower Hillsborough River Dam Control Gate Facilities	L	797,732	233,167	0
N953	Pasco Co	SW IMP - Flood Protection - Salt Springs	L	0	300,000	0
N954	Tampa Bay Water	Conservation - Florida Friendly Landscape Program - Public Education	L	0	236,850	0
N960	Pasco Co	SW IMP - Flood Protection - Scenic Drive	L	0	100,000	500,000
N968	Hillsborough Co	Conservation - Hillsborough County Advanced Metering Infrastructure (AMI) Expansion	L	0	300,000	0
Q007	Pasco Co	SW IMP - Flood Protection - Angus Valley	L	0	150,000	2,400,000
Q010	Tampa	Conservation - Tampa Advanced Metering Infrastructure Implementation	L	0	5,000,000	0
Q021	Pasco Co	Reclaimed Water - Pasco Co. Cypress Preserve Phase 2 Grand Live Oak Reclaimed Water Transmission	I L	0	206,500	0
Q033	Pasco Co	Immediate Maintenance - Plantation Palms	L	0	1,025,595	0
Q038	New Port Richey	SW IMP - Flood Protection - Grand Boulevard Stormwater Improvement	L	0	18,250	40,000

Tampa Bay Region Total: \$33,322,720 \$42,079,695

Project No. N665	DAR - Clea	DAR - Clearwater Groundwater Replenishment Project Phase 3							
City of Clearwater						FY2019			
Risk Level:	Type 2			Multi-Year C	ontract:				
	,		l l	Yes, Year 5 c					
			Descrip						
Description:	The project	ct consists of de	esian. third-part	v review, per	mitting and construction	for the full-scale			
23331,		vater purification plant, and the injection and monitor well systems at Clearwater's Northeast							
		-	-		ual average of purified re				
		cation requests the remaining funds necessary to complete project construction.							
Measurable Benefit:					ge 2.4 mgd annual avera				
	recycled w	vater to the Up	per Floridan aq	uifer.					
Costs:	Total proje	ect cost: \$32,71	16,000 (design,	third-party re	eview, permitting and cor	nstruction)			
		r share: \$16,3							
				_	ed in previous years, \$50	00,000 requested in			
	FY19 and	\$4,172,400 an	ticipated to be		future years.				
	1.12. 1		Evaluat						
Application Quality:					nation in the CFI Guideli				
Project Benefit:	High		•	•	mgd of purified water into				
			_		fer recharge will improve	_			
		water supply		enects of sait	water intrusion, and incre	ease the City's future			
Cost Effectiveness:	Medium			nct is \$13.63.1	per gdp of water treated	and recharged into			
Oost Ellectivelless.	Mediaiii				ne \$10 - \$15 range for To	_			
		of water resor	-	imparca to ti	ic with with range for it	otal Gapital Gootingpa			
Past Performance:	High			the schedule	and budget for the 6 on	going projects.			
Complementary Efforts:					cludes metering and an				
				•	and has proactive recla				
		policies which	n maximize utiliz	zation and en	vironmental benefits.				
Project Readiness:	High	Project is ong	oing and on sc	hedule.					
		•	Strategic	Goals					
Strategic Goals:	High				Supplies: Increase devel	·			
				_	oundwater and surface w	-			
		1 -			Maximize beneficial use				
			-		d restore water levels an	-			
		1 -		-	tenance and Improvemegulations to maintain an	-			
		quality.	int programs, pr	ojecis and re	guiations to maintain an	d improve water			
		1 ' '	Region Priority	· Implement l	Minimum Flow and Leve	I (MFL) Recovery			
		Strategies.	togion i nonty	. III pioinone	William Control Control	. (2) . 1000 101			
			Region Priority	: Improve La	ke Thonotosassa, Tampa	a Bay, Lake Tarpon			
		and Lake Se	minole.	·					
		Overal	I Ranking and	Recommend	ation				
Fund as 1A Priority.	_		•	-	uifer replenishment of wa				
		•		v and current	project cost were appro	ved by the			
	Governing	Board in 2016							
Funding Occurs		ui a u	Fundi		Entres	Total			
Funding Source District	<u>Р</u>	rior	FY201		Future \$4,172,400	Total			
City of Clearwater		\$11,685,600 \$11,685,600		\$500,000	\$4,172,400 \$4,172,400	\$16,358,000 \$16,358,000			
		\$11,685,600 \$23,371,200		\$500,000 \$1,000,000	\$8,344,800	\$16,358,000 \$32,716,000			
Total	l	Ψ20,071,200	'	ψ 1,000,000	ΨΟ,Ο-Τ-,ΟΟΟ	Ψ02,1 10,000			

Project No. N791	Reclaimed 1	Nater - Pasco	County Starl	cey Ranch R	eclaimed Water Trai	nsmission Project			
Pasco County	- Project C	Project C							
Risk Level:	Type 2			Multi-Year O					
			Descri	ption					
Description:	mains and	esign, permitting and construction of approximately 5,700 feet of reclaimed water transmission ains and other necessary appurtenances to supply residential, commercial and institutional istomers in the Phase C area of the Starkey Ranch development.							
Measurable Benefit:	reclaimed v	The Measurable Benefit, which will be the contractual requirement, is the supply of 0.29 mgd of eclaimed water for irrigation to mixed-use customers in the Northern Tampa Bay Water Use Caution Area (NTBWUCA).							
Costs:	Pasco Cou	Total project cost \$913,600 (Design, permitting, and construction); Pasco County Cost \$456,800; District Cost \$456,800, with \$108,873 requested for FY2019.							
			Evalua						
Application Quality:						n the CFI guidelines.			
Project Benefit:				-	eclaimed water to re	esidential, commercial r savings in the			
Cost Effectiveness:	J	\$4.19 per gallon per day capital cost which is below the \$10 to \$15 per gallon average for alternative supplies. The estimated cost/benefit is \$1.01 per thousand gallons of water resource benefit which is within the cost range for reuse projects which typically range from a low of \$0.15/1,000 gallons for golf course projects up to ~\$10.00/1,000 gallons for residential projects.							
Past Performance:	Medium	Based on an	assessment of	the schedule	e and budget for 12 o	ongoing projects.			
Complementary Efforts:		rate structure	s for high volui	me water use	includes metering ar rs and has pro-activ ation, water resource		e		
Project Readiness:	High	Project is ong	going and on so	chedule.					
			Strategio	Goals					
Strategic Goals:	High	High Strategic Initiative - Reclaimed Water: Maximize beneficial use of reclaimed water to offset potable water supplies and restore water levels and natural systems. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.							
			I Ranking and						
Fund as 1A Priority.	•	ng project is re JCA and is co	st effective.		it reduces reliance	on traditional sources ir) 		
Funding Source	D-	or	Fund FY20		Euturo	Total			
Funding Source Pasco County	Pr	\$347,927	FIZU	\$108,873	Future	\$0	\$456,800		
District		\$347,927		\$108,873		\$0	\$456,800		
Total		\$695,854		\$217,746		\$0	\$913,600		

Project No. N803	WMP - And	lote River Wa	tershed Management Plar	1	
Pinellas County			_		FY2019
Risk Level:	Type 3		Multi-Year Yes, Year 3		
			Description		
Description:	Complete	a Watershed N	/lanagement Plan (WMP) f	or the Anclote River Wate	rshed in Pinellas
·			uding Floodplain Analysis,		
	Surface W	ater Resource	Assessment (SWRA), and	Best Management Pract	ice (BMP)
			2019 funding will be used		nalysis, LOS
			nd BMP Alternatives Analys		
Measurable Benefit:	1110 0011410		able Benefit will be the com	=	
			tes BMPs to address LOS		_
		nagement.	m watershed model simula	tions for hoodplain manag	gement and water
Costs:		ect cost \$800,0	00		
		ounty share \$4			
	District \$4	00,000 with \$3	00,000 budgeted in previous	us years and \$100,000 re	quested in FY2019
			Evaluation		
Application Quality:	High	Application in	cluded all the required info	rmation identified in the C	CFI Guidelines.
Project Benefit:	High		I analyze flooding problems		-
			els are not available or are		e watershed includes
0 1 5% 1			termediate stormwater syst		(
Cost Effectiveness:	LOW		er square mile is in the hig ii) for WMPs completed in t		more than
Past Performance:	Medium		assessment of the schedul		aoina proiects
Complementary Efforts:			Community Rating System	-	
Project Readiness:			joing and on schedule.		<u> </u>
7	- i.g.		Strategic Goals		
Strategic Goals:	High	Strategic Ini	tiative - Water Quality Ass	essment and Planning:	Collect and
	J	_	to determine local and reg		
		support reso	urce management decision	s and restoration initiative	es.
		_	tiative - Floodplain Manag	· · · · · · · · · · · · · · · · · · ·	
			ind implement floodplain m		maintain storage and
		conveyance	and to minimize flood dama	age.	
Fund so 4A Drievite	T 1 :		I Ranking and Recommen		
Fund as 1A Priority.	_	•	ntifies flood risk in an area	-	
		• .	I be utilized for flood zone on nd improve water quality, a		
		ent in the proje		na to chilance the planti	ing of fatalic
	20.010pm	2.1 o proje	Funding		
Funding Source	P	rior	FY2019	Future	Total
Pinellas County		\$300,000	\$100,000	\$0	\$400,000
District		\$300,000	\$100,000	\$0	\$400,000
Total		\$600,000	\$200,000	\$0	\$800,000

Project No. N836	SW IMP - F	lood Protection	on - Zephyr Creek [rainage Improven	nents: Units	1 & 2			
Pasco County						FY2019			
Risk Level:	Type 3		Mult	i-Year Contract:					
		Yes, Year 2 of 2							
		Description							
Description:	-	_				ements within Units			
		2 of Zephyr Creek, the most downstream portions of the overall Zephyr Creek Watershed.							
		•	ts of acquisition of floodplain easements south of Chancey Road to account for						
		-	d stages from upstream Unit 2 improvements. Unit 2 improvements include						
		-	nveyance capacity for the creek system from C Avenue to US Highway 301. ing will be used to complete construction.						
Measurable Benefit:			sed to complete col		conveyance in	anrovements within			
Measurable Deficit.			shed Units 1 and 2.	ie construction or t	conveyance in	iipioveilieniis wiliilii			
Costs:			,000 (Land acquisiti	on, design, permitt	ina, construct	ion)			
			075,000 (Includes \$		-	· · · · · · · · · · · · · · · · · · ·			
		-	\$150,000 budgeted		-	-			
	FY2019.		_			·			
			Evaluation						
Application Quality:	Medium		cluded most of the						
						equired information.			
Project Benefit:	High		e Benefit of this proj		-				
					_	urrently occurs in the			
Coat Effectiveness	Lliab		and the project impa						
Cost Effectiveness:	підп	structures and	atio is greater than o	or equal to 1. Belle	iils iriciude av	olded damages to			
Past Performance:	Medium		assessment of the	chedule and budge	et for the 12 o	ngoing projects.			
Complementary Efforts:			Community Rating						
Project Readiness:	High	Project is ong	joing and on schedu	le.					
			Strategic Goa	ls					
Strategic Goals:	Medium	Strategic Ini	tiative - Floodplain	Management: Dev	elop better flo	oodplain			
		information a	ind implement flood	olain management	programs to r	naintain storage and			
		conveyance	and to minimize floo	d damage.					
		Overal	Ranking and Rec	mmendation					
Fund as 1A Priority.					_	-			
			constructing convey		s within the Ze	ephyr Creek			
	Watershee	d Units 1 and 2	2, and is cost effecti	e.					
- u -			Funding	_		- 1			
Funding Source	P	rior	FY2019		ture	Total			
Pasco County		\$150,000 \$150,000		25,000	\$0	` ' ' '			
District		\$150,000		25,000	\$0 \$0				
Total		\$300,000	\$1,8	50,000	\$ 0	\$2,150,000			

Risk Level: Type 2 Pasco County Type 2 Multi-Year Contract: Yes, Year 2 of 2	2
Pescription Description: Construction of approximately 3,000 feet of reclaimed water transmission mains and other necessary appurtenances to supply approximately 557 single family homes, 284 multi-fam homes, and approximately 15 acres of common areas in the Cypress Preserve community District is only funding the construction portion, as the County completed design and perm prior to the effective date of the Agreement. Measurable Benefit: The Measurable Benefit, which will be the contractual requirement, is the supply of 0.19 m reclaimed water to residential customers in the North Tampa Bay Water Use Caution Area (NTBWUCA). Costs: Total project cost: \$315,000 (Construction); Pasco County share: \$157,500; District share: \$157,500 with \$17,500 budgeted in previous years and \$140,000 requested FY2019. Evaluation Application Quality: High Application included the required information identified in the CFI guidelines. Project Benefit: High The supply of 0.19 mgd of reclaimed water to residential customers for an antic	FY2019
Description: Construction of approximately 3,000 feet of reclaimed water transmission mains and other necessary appurtenances to supply approximately 557 single family homes, 284 multi-fam homes, and approximately 15 acres of common areas in the Cypress Preserve community District is only funding the construction portion, as the County completed design and perm prior to the effective date of the Agreement. Measurable Benefit: The Measurable Benefit, which will be the contractual requirement, is the supply of 0.19 m reclaimed water to residential customers in the North Tampa Bay Water Use Caution Area (NTBWUCA). Costs: Total project cost: \$315,000 (Construction); Pasco County share: \$157,500; District share: \$157,500 with \$17,500 budgeted in previous years and \$140,000 requested FY2019. Evaluation Application Quality: High Application included the required information identified in the CFI guidelines. Project Benefit: High The supply of 0.19 mgd of reclaimed water to residential customers for an antic	
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0.114 mgd of water savings in the NTBWUCA.	cipated
Cost Effectiveness: High \$2.76 per gallon per day capital cost for the water resource benefit, which is be	
\$10 to \$15 per gallon average for alternative supplies. The estimated cost effection of water recovery hear fit which is within the cost	
is \$0.67 per thousand gallons of water resource benefit which is within the cost for reuse projects which typically range from a low of \$0.15/1,000 gallons for go	-
course projects up to \$10.00/1,000 gallons for residential projects.	JII
Past Performance: Medium Based on an assessment of the schedule and budget for the 12 ongoing project	ots.
Complementary Efforts: Medium Pasco reclaimed water system includes metering and incentive based reuse ra	
structures for high volume water users and has pro-active reclaimed water exp	
policies which maximize utilization, water resource benefits, and environmental	I
benefits.	
Project Readiness: High Project is ongoing and on schedule.	
Strategic Goals	
Strategic Goals: High Strategic Initiative - Reclaimed Water: Maximize beneficial use of reclaimed	
water to offset potable water supplies and restore water levels and natural sys	
Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Reco	overy
Strategies. Overall Ranking and Recommendation	
Fund as 1A Priority. This ongoing project provides cost effective reclaimed water in the NTBWUCA.	
Funding	
Funding Source Prior FY2019 Future To	tal
District \$17,500 \$140,000 \$0	
Pasco County \$17,500 \$140,000 \$0	
Total \$35,000 \$280,000 \$0	\$157,500 \$157,500

Project No. N859	SW IMP - F	lood Protection	n - Holiday Hill Sub	livision Drainage I	mprovement				
Pasco County						FY2	2019		
Risk Level:	Type 3			/ear Contract: ear 2 of 2					
		Description							
Description:	Land acqu	isition, design.	and construction of t	ne expansion of an	existing stormwat	er pond and			
	-	_	np station and outfall	-	-	-			
	The neigh	neighborhood receives offsite, intermediate system flows and experiences routine flooding.							
	This project	ct includes the	ncludes the purchase of parcels adjacent to an existing stormwater pond and the						
		-	pump station with ou						
			subdivision. FY2019						
Measurable Benefit:			ble Benefit will be the		kisting stormwater	pond and			
0 1			n and associated out						
Costs:			,000 (Land acquisitio		•	:t-b\			
		•	0,000 (Includes \$200 00,000 budgeted in p	•		- '			
	District 45	50,000 Willi \$ 1	Evaluation	evious years and ¢	9450,000 requeste	tu 1111112019.			
Application Quality:	Medium	Application in	cluded most of the re	uired information id	dentified in the CF	I quidelines			
Application Quality.	Wodiam		M had to work with co	•		•			
Project Benefit:	High		Benefit of this proje						
-	J		4-hour storm event.			-			
		project area a	nd the project impac	s the regional or int	ermediate drainag	je system.			
Cost Effectiveness:	High	Benefit/cost ra	atio is greater than or	equal to 1. Benefits	include avoided	damages to			
		structure and							
Past Performance:			assessment of the so						
Complementary Efforts:			Community Rating S		I is in the 6 to 9 ra	nge.			
Project Readiness:	High	Project is ong	oing and on schedule						
			Strategic Goals						
Strategic Goals:	Medium	_	iative - Floodplain N	_					
			nd implement floodpl		ograms to maintai	in storage and			
		conveyance	and to minimize flood	damage.					
Fundan 4A D	- 1 · ·		Ranking and Recor			0.5			
Fund as 1A Priority.			t which will reduce s						
		•	expanding an existing	•	nd constructing a	new pump			
	statiOH dH	น สรรบบเสเษน 0	utfall piping, and is co Funding	ot chective.					
Funding Source	P	rior	FY2019	Futur	<u>~</u>	Total			
Pasco County		\$100,000		,000	\$0	\$550,	000		
District		\$100,000		,000	\$0	\$550, \$550,			
Total		\$200,000		,000	\$0	\$1,100,			
iolai		Ψ=00,000	ψου	,000	Ψ9	ψ1,100,	300		

Project No. N867	SW IMP - F	lood Protection	on - Palm Avenue Flooding Abat	ement						
Tarpon Springs					FY2019					
Risk Level:	Type 3		Multi-Year Contra	ıct:						
		Yes, Year 2 of 2								
	Description									
Description:	This proje	This project is the design, permitting, and construction of a stormwater management facility								
		located at the southeast corner of the intersection of Gulf Road and Tarpon Drive, and installation								
			ater collection system along Palm	•						
			ure, the project area has experien		oadway flooding					
Mossurable Reposit:			ng will be used to complete construction of able Benefit will be construction of		managament					
Weasurable Deficit.			ormwater collection system.	a new stormwater	management					
Costs:			58 (design, permitting, and const	ruction)						
5000		pon Springs sl								
			9,387 budgeted in previous years	and \$200,592 req	uested in FY2019					
			Evaluation							
Application Quality:	High	Application in	cluded all of the required informa	tion identified in the	e CFI guidelines.					
Project Benefit:	High									
		the 25-year, 24-hour storm event. Structure and street flooding currently occurs in the								
04	8.4 1	project area and the project impacts the regional or intermediate drainage system.								
Cost Effectiveness:	Medium	1								
	based on available information or are similar when compared to similar projects if information is available.									
Past Performance:	High		assessment of the schedule and	budget for the 3 on	going projects.					
Complementary Efforts:			Community Rating System class							
Project Readiness:	High	Project is ong	joing and on schedule.							
			Strategic Goals							
Strategic Goals:	High	Strategic Ini	tiative - Water Quality Maintenai	nce and Improvem	ent: Develop					
		and impleme	nt programs, projects and regulat	tions to maintain an	d improve water					
		quality.								
		_	tiative - Floodplain Managemen	•	· ·					
			and implement floodplain manage and to minimize flood damage.	ment programs to n	naintain storage and					
		Conveyance	and to minimize nood damage.							
		Overal	I Ranking and Recommendation							
Fund as 1A Priority.	This ongo		provide flood protection for street		uring the 25-year					
			provide net improvement to water		-					
			Funding							
Funding Source	Р	rior	FY2019	Future	Total					
Tarpon Springs		\$49,387	\$200,592	\$0	\$249,979					
District		\$49,387	\$200,592	\$0						
Total		\$98,774	\$401,184	\$0	\$499,958					

Risk Levei: Type 3 Multi-Year Contract: Yes, Year 2 of 2 Description	Project No. N870	SW IMP - F	lood Protection	on - Colonial I	Manor Drainag	e Improvement					
Description: Land acquisition, design, permitting, and construction of grass swales and culverts to capture and reroute stormwater within the intermediate drainage system of the Colonial Manor neighborhood. The existing system is inadequate to handle receiving stormwater flows and the redirection of flows and expansion of existing culverts will enable the system to recover quicker while also reducing flood elevations. FY2019 funding will be used to complete construction. Measurable Benefit: The contractual Measurable Benefit will be the construction of grass swales and culverts to redirect stormwater. Costs: Total project cost \$2,400,000 (Land acquisition, design, permitting, construction) Pasco County share \$1,200,000 (Includes \$100,000 of land acquisition costs as funding match) District \$1,200,000 with \$134,000 budgeted in previous years and \$1,066,000 requested in FY2019. 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 Resource Benefit of this project will reduce the existing flooding problem during the 25 year, 24-hour storm event. Structure and street flooding currently occurs in the project area and the project impacts the regional or intermediate drainage system. Cost Effectiveness: High Benefit/Cost ratio is greater than or equal to 1. Benefits include avoided damages to structures and roads. Past Performance: Medium Based on an assessment of the schedule and budget for the 12 ongoing projects. Complementary Efforts: Wedium Strategic Goals: Strategic Goals: Strategic Goals: Strategic Goals: This is an ongoing project which will reduce structure and street flooding during the 25 year, 24-hour storm event by constructing grass swales and culverts to reroute stormwater flows within the Colonial Manor neighborhood, and is cost effective.	Pasco County							FY2019			
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structures and roads. Past Performance: Medium Based on an assessment of the schedule and budget for the 12 ongoing projects. Complementary Efforts: Medium Cooperator's Community Rating System class is 6 and is in the 6 to 9 range. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals: Medium Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Overall Ranking and Recommendation Fund as 1A Priority. This is an ongoing project which will reduce structure and street flooding during the 25 year, 24-hour storm event by constructing grass swales and culverts to reroute stormwater flows within the Colonial Manor neighborhood, and is cost effective.	Cost Effectiveness:	∐igh									
Past Performance: Medium Based on an assessment of the schedule and budget for the 12 ongoing projects. Complementary Efforts: Medium Cooperator's Community Rating System class is 6 and is in the 6 to 9 range. Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Overall Ranking and Recommendation Fund as 1A Priority. This is an ongoing project which will reduce structure and street flooding during the 25 year, 24-hour storm event by constructing grass swales and culverts to reroute stormwater flows within the Colonial Manor neighborhood, and is cost effective.	COSt Effectiveness.	riigii		_	than or equal t	o 1. Deficitio include av	volued damages to				
Project Readiness: High Project is ongoing and on schedule. Strategic Goals Strategic Goals: Medium Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Overall Ranking and Recommendation Fund as 1A Priority. This is an ongoing project which will reduce structure and street flooding during the 25 year, 24-hour storm event by constructing grass swales and culverts to reroute stormwater flows within the Colonial Manor neighborhood, and is cost effective.	Past Performance:	Medium			f the schedule	and budget for the 12 o	ongoing projects.				
Strategic Goals: Medium Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Overall Ranking and Recommendation Fund as 1A Priority. This is an ongoing project which will reduce structure and street flooding during the 25 year, 24-hour storm event by constructing grass swales and culverts to reroute stormwater flows within the Colonial Manor neighborhood, and is cost effective.	Complementary Efforts:	Medium	Cooperator's	Community R	ating System c	lass is 6 and is in the 6	to 9 range.				
Strategic Goals: Medium Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Overall Ranking and Recommendation Fund as 1A Priority. This is an ongoing project which will reduce structure and street flooding during the 25 year, 24-hour storm event by constructing grass swales and culverts to reroute stormwater flows within the Colonial Manor neighborhood, and is cost effective.	Project Readiness:	High	Project is ong	joing and on s	chedule.						
information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Overall Ranking and Recommendation Fund as 1A Priority. This is an ongoing project which will reduce structure and street flooding during the 25 year, 24-hour storm event by constructing grass swales and culverts to reroute stormwater flows within the Colonial Manor neighborhood, and is cost effective.				Strategio	c Goals						
Fund as 1A Priority. This is an ongoing project which will reduce structure and street flooding during the 25 year, 24-hour storm event by constructing grass swales and culverts to reroute stormwater flows within the Colonial Manor neighborhood, and is cost effective.	Strategic Goals:	Medium	information a	and implement	floodplain mar	nagement programs to	•	d			
Fund as 1A Priority. This is an ongoing project which will reduce structure and street flooding during the 25 year, 24-hour storm event by constructing grass swales and culverts to reroute stormwater flows within the Colonial Manor neighborhood, and is cost effective.			Overal	l Ranking and	Recommend	ation					
within the Colonial Manor neighborhood, and is cost effective.	Fund as 1A Priority.						-				
			•				ormwater flows				
T unding		within the	Colonial Mand			emective.					
Funding Source Prior FY2019 Future Total	Funding Source	D	rior			Future	Total				
	Pasco County							.200.000			
	District						·				
Total \$268,000 \$2,132,000 \$0 \$2,400,000											

Project No. N913	SW IMP - Flood Protection - Ironbark Flood Abatement									
Pasco County					FY2019					
Risk Level:	Type 3		Multi-Year C							
		Yes, Year 2 of 2 Description								
Description	Land oog	vigition decign	•	a of interconnected wet r	and arosa to a dry					
Description.		Land acquisition, design, permitting, and construction of interconnected wet pond areas to a dry storage basin for flood abatement and an emergency outfall connection for recovery following								
			e Gulf Highlands neighborho							
			eve flooding impacts to resi							
	flooding. T	he FY2019 fur	nding will be utilized to comp	lete construction of the p	proposed drainage					
	system.									
Measurable Benefit:	The contra	actual Measura	ble Benefit will be the const	ruction of a conveyance	to connect wet and					
	dry pond a									
Costs:			,000 (Land acquisition, design		*					
		•	055,000 (Includes \$238,000	•	,					
	FY2019.	,055,000 With 3	\$75,000 budgeted in previou	is years and \$1,980,000	requested for					
	F12019.		Evaluation							
Application Quality:	High									
Project Benefit:										
r roject Benent.		the 100 year, 24-hour storm event. Structure and street flooding currently occurs in the								
		project area and the project impacts the regional or intermediate drainage system.								
Cost Effectiveness:	High		atio is greater than or equal							
		structures and								
Past Performance:			assessment of the schedule	-	· · · ·					
Complementary Efforts:	Medium	Cooperator's	Community Rating System	class is 6 and is in the 6	to 9 range.					
Project Readiness:	High	Project is ong	oing and on schedule.							
			Strategic Goals							
Strategic Goals:	Medium	Strategic Ini	tiative - Floodplain Manage	ement: Develop better flo	odplain					
			nd implement floodplain ma		naintain storage and					
		conveyance	and to minimize flood dama	ge.						
			Ranking and Recommend							
Fund as 1A Priority.	_		reduce structure and street							
	event by o	constructing co	nveyance additions in the G	ulf Highlands neighborho	ood.					
Funding Course		ui a u	Funding	Eutura	Total					
Funding Source	P	rior ©75,000	FY2019	Future	Total					
Pasco County		\$75,000 \$75,000	\$1,980,000	\$0	\$2,055,000					
District		\$75,000 \$150,000	\$1,980,000	\$0 \$0	\$2,055,000					
Total	l	φ 150,000	\$3,960,000	\$0	\$4,110,000					

Project No. N915	SW IMP - F	lood Protection	on - Lower Spring	Branch (Conveyance Improveme	ents			
City of Clearwater						FY2019			
Risk Level:	Type 3		Mu	ti-Year C	Contract:				
			Yes	, Year 2	of 3				
	Description								
Description:	Design, pe	ermitting, and c	onstruction of conv	/eyance i	mprovements along the	Lower Spring			
					of Clearwater and Pinella	as County are			
		co-applicants for this project. FY2019 funding will be used for construction.							
Measurable Benefit:					eyance improvements at	_			
			nue, Overbrook Ave	enue and	Sunset Point Road cros	sings of the Lower			
04		anch system.	000 (Di	:44:					
Costs:			,000 (Design, perm	-		\$1,660,000 with			
			-		nare \$1,160,000District: uested in FY2019, and \$				
		ested in future	-	,ooo requ	acstea iii i 12019, and φ	517,500 anticipated			
	to be requ	coted in latere	Evaluation						
Application Quality:	Medium	Application in			information identified in	the CFI guidelines.			
, , , , , , , , , , , , , , , , , , ,				•	tor to obtain remaining re	_			
Project Benefit:	High	The Resource Benefit of this project will reduce the existing flooding problem during							
		the 100 year, 24-hour storm event, providing flood relief for approximately 11 homes.							
		Structure and street flooding currently occurs in the project area and the project							
		impacts the regional or intermediate drainage system.							
Cost Effectiveness:	Low	Benefit/Cost ratio is less than 0.7. Benefits include avoided damages to structures and roads.							
Past Performance:	Medium		assessment of the	schedule	and budget for a combi	ned 15 ongoing			
r dot r orrormanoc.	Modiani	projects.		001100010	and budget for a combi	ned to origoning			
Complementary Efforts:	High	Cooperator's	Community Rating	System	class is 5 and is in the 5	or better range.			
Project Readiness:	High	Project is ong	oing and on sched	ule.					
			Strategic Go	als					
Strategic Goals:	Medium	Strategic Init	tiative - Floodplair	n Manage	ement: Develop better flo	oodplain			
			•	-	inagement programs to i	maintain storage and			
		conveyance a	and to minimize flo	od dama	ge.				
			Ranking and Rec						
Fund as 1A Priority.					flooding during the 100				
	-	_	•	ments ald	ong the Lower Spring Bra	anch of Stevenson			
	Creek in F	Pinellas County	Funding						
Funding Source	D	rior	FY2019		Future	Total			
City of Clearwater		\$125,000		517,500	\$517,500				
Pinellas County		\$500,000	Ψ	\$0	\$0				
District		\$500,000 \$0 \$0 \$500,000 \$625,000 \$517,500 \$517,500 \$1,660,00							
Total		\$1,250,000			\$1,035,000				
เปเลเ		\$1,250,000 \$1,035,000 \$1,035,000 \$3,320,000							

Project No. N924	WMP - Lak	WMP - Lake Tarpon Watershed Management Plan								
Pinellas County		•	-			FY2019				
Risk Level:	Type 3			Multi-Year C						
			Descri	ption						
Description:	Complete	Complete a Watershed Management Plan (WMP) for the Lake Tarpon watershed in Pinellas								
	County, through and including floodplain analysis, Level of Service determination (LOS), and									
		Best Management Practices (BMPs) alternative analysis. FY2019 funding will be used to complete the Floodplain Analysis.								
Measurable Benefit:		The contractual Measurable Benefit will be to develop a watershed model and floodplain								
					isk of flood damage, and	-				
	alternative									
Costs:		ct cost \$400,0								
		ounty share \$2		ed in previous	years and \$150,000 req	uuested in FY2019				
	Βιστιστ ψ2	σο,σσο ντιτι φο	Evalua		yeare and wroo,eee req	00000 1111 12010.				
Application Quality:	High	Application in	cluded all of th	ne required inf	ormation identified in the	e CFI guidelines.				
Project Benefit:	High		•	• .	that exist in the watersh	- 1				
		analysis models are not available or are over 10 years old, and the watershed includes								
Cost Effectiveness:	High	regional or intermediate stormwater systems. High Project cost per square mile is in the low range for costs (\$30,000/sq mi or less) for								
COSt Effectiveness.	riigii	WMPs completed in urban watersheds.								
Past Performance:	Medium Based on an assessment of the schedule and budget for the 9 ongoing projects.									
Complementary Efforts:	High	High Cooperator's Community Rating System class is 5 and is in the 5 or better range.								
Project Readiness:	High	Project is one	joing and on s							
			Strategio							
Strategic Goals:	High	_		-	ement: Develop better flo	-				
			and to minimiz	-	nagement programs to r	naman storage and				
		_			Response: Operate Dist	rict flood control				
					ding effective and efficie					
		_		I the public to	minimize flood damage	during and after				
		major storm		w: Improve La	ke Thonotosassa, Tamp	na Ray I ake Tarnon				
		and Lake Se		y. Impiove La	ke monotosassa, ramp	da bay, Lake Taipoii				
			I Ranking and	l Recommend	lation					
Fund as 1A Priority.	_	• • •			ith no detailed study info					
					etermination, help imple					
	the projec		nprove water c	quality, and er	hance the planning of fu	iture development in				
	and project	. aroa.	Fund	ling						
Funding Source	Р	rior	FY20	19	Future	Total				
Pinellas County		\$50,000		\$150,000	\$0					
District		\$50,000		\$150,000	\$0	-				
Total		\$100,000		\$300,000	\$0	\$400,000				

Project No. N943	Restoration - Central Pasco Recharge Wetlands Facility Optimization									
Pasco County							FY2019			
Risk Level	Type 2			Multi-Year C	Contract:					
				Yes, Year 2	of 3					
			Descri	ption						
Description	Pasco Cou cells to opt The design N666. The	The project will evaluate the performance of a constructed wetlands recharge facility (the Central Pasco County Beneficial Water Reuse Project) and develop guidelines for control of the wetland cells to optimize reclaimed water use, groundwater recharge, and wetland environmental health. The design and construction of the facility was co-funded by the District under the CFI project N666. The construction of the facility is currently complete. As part of this project, operational parameters related to water level management will be assessed based on cell by cell impacts to								
	local groun	ocal groundwater levels, loading requirements set forth in the N666 Agreement, and by plant establishment. This FY2019 funding request will support the second year of data collection and								
Measurable Benefit:		etion of a techi			ction and evaluation of oper of recharge in a construc					
Costs		ct cost: \$280,0								
		unty share: \$1		annroyed for	EV19	d for EV10, and				
		are: \$140,000, nticipated to b			FY18, \$50,000 requested	a for FY 19, and				
	φου,σου αι	itioipated to b	Evalu							
Application Quality:	Medium									
		Distrct PM/CM had to work with cooperator to obtain remaining required information .								
Project Benefit:	High	The benefit of the project is the optimization of recharge in a constructed wetlands recharge facility.								
Cost Effectiveness	High	High Costs are comparable to similar projects performed or funded by the District.								
Past Performance:	Medium	Medium Based on an assessment of the schedule and budget for 12 ongoing projects.								
Complementary Efforts:	High	structures for	high volume v	vater users ar	s metering and incentive nd has proactive reclaims resource benefits, and er	ed water expansion				
Project Readiness	High	Project is ong	joing and on s	chedule.						
			Strategi	c Goals						
Strategic Goals:	High	Strategic Initiative - Reclaimed Water: Maximize beneficial use of reclaimed water to offset potable water supplies and restore water levels and natural systems. Strategic Initiative - Minimum Flows and Levels Establishment and Recovery: To prevent significant harm and reestablish the natural ecosystem, determine MFL's and, where necessary, develop and implement recovery plans. Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.								
Fund as 1A Priority.	planting so as provide	Overall Ranking and Recommendation This ongoing project will provide information on individual wetland cell recharge rates and optimal planting schemes, which will maximize the recharge rates and treatment of the facility, as well as provide useful information to assist with the design of future similar facilities. This is the second year of a three year project. Funding								
Funding Source	Pı	rior	FY20		Future	Total				
Pasco County		\$60,000		\$50,000	\$30,000		\$140,000			
District		\$60,000		\$50,000	\$30,000		\$140,000			
Total		\$120,000		\$100,000	\$60,000		\$280,000			

Project No. W305	SW IMP - V	SW IMP - Water Quality - Roosevelt Stormwater Retrofit Project								
Pinellas County					FY2019					
Risk Level:	Type 3		Multi-Year C	Contract:						
		Yes, Year 2 of 2								
		Description								
Description:	Design, pe	Design, permitting and construction of stormwater treatment BMPs in the Roosevelt Basin, in								
		-	rains to Old Tampa Bay, a S							
			watershed to include an ar	,	g stormwater					
14 LL D C'			trogen removal in the existi							
Measurable Benefit:			able Benefit will be construct							
		-	of urbanized watershed. The	ere will be no monitoring	or performance					
Costs:		quirements.	020 (Design, permitting and	construction)						
00313.		county: \$350,5		construction)						
			50,000 budgeted in prior ye	ars and \$300.510 reque	sted in FY19.					
	·	, ,	Evaluation							
Application Quality:	Medium	Application in	cluded 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:	High									
		Tampa Bay, a SWIM priority waterbody, by an estimated 157 lbs/year of TN.								
Cost Effectiveness:	Medium	I .	d cost/lb of TN removed is b		-					
			per acre treated is above the	_	of \$8,050/acre					
Past Performance:	Medium		oan/suburban water quality assessment of the schedule	<u>-</u>	going projects					
Complementary Efforts:			an active stormwater utility		going projects.					
Project Readiness:	-		ready to begin on or before							
1 Tojoot Roualilood.	i ligii	The project is	Strategic Goals	, Beccimber 1, 2017.						
Strategic Goals:	High	Strategic Ini	tiative - Water Quality Mair	ntenance and Improvem	ent: Develon					
Otratogro Godio.	riigii	_	nt programs, projects and re	=	-					
		quality.	p. og. ae, p. ojoete aa .		aprovo mato					
		1	Region Priority: Improve La	ake Thonotosassa, Tamp	a Bay, Lake Tarpon					
		and Lake Se		, ,	, ,					
			Ranking and Recommend							
Fund as 1A Priority.	_		ost effective and will improve		rom a watershed					
	that disch	arges to Tampa	a Bay, a SWIM Priority water	erbody.						
- " -	_		Funding	- /	- / ·					
Funding Source	P	rior	FY2019	Future	Total					
District		\$50,000		\$0	· ,					
Pinellas County		\$50,000	\$300,510	\$0 \$0						
Total		\$100,000 \$601,020 \$0 \$701,								

Project No. N748	SW IMP - F	SW IMP - FP - Dale Mabry Henderson Trunkline - Upper Peninsula Watershed Drainage								
City of Tampa	Improv.	•				ŭ	FY2019			
Risk Level	Type 3			Multi-Year Co Yes, 4 of 6	entract:					
			Descr							
Description	for the Dal commercia project as third-party	This project is for design, permitting and construction to improve the existing drainage system for 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 project as a preferred alternative. Funding was approved in FY2016 for 30% design and third-party review. The District required a third-party review because the conceptual construction estimate is greater than \$5 million dollars. The FY2019 funding request is for construction.								
Measurable Benefit:	the draina	ge conveyance	e system BMF	s to reduce floo	n of design, permitting a oding in approximately nce with the permitted p	533 acres of highly				
Costs	City of Tar District \$1	Total project cost \$36,500,000 (design, third-party review, permitting, construction) City of Tampa share \$18,250,000 District \$18,250,000 with \$5,000,000 budgeted in previous years, \$5,000,000 requested in FY2019 and \$8,250,000 anticipated to be requested in future years Evaluation								
Application Quality:	High	Application in	cluded all the	required inform	ation identified in the C	FI Guidelines.				
Project Benefit:		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.								
Cost Effectiveness	High									
Past Performance:					and budget for the 9 on					
Complementary Efforts:					lass is 6 and is in the 6	to 9 range.				
Project Readiness	High	The project is	ongoing and	on schedule.						
Strategic Goals:	Medium	information a	ind implement	Iplain Manager	nent: Develop better flo agement programs to n e.	•	d			
				d Recommenda						
Fund as High Priority.	It is anticipated that the 30% design and third party review will be presented to the Governing Board on March 27, 2018. Contractually, the City will need Governing Board approval to proceed beyond this task. Project cost has decreased from \$40,000,000 to \$36,500,000. Staff will request Governing Board approval to amend the City's Cooperative Funding Agreement to continue through project final design, permitting, and construction. Overall ranking remains High. 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 Source	P	rior	Fund FY20		Future	Total				
District		\$5,000,000		\$5,000,000	\$8,250,000		3,250,000			
City of Tampa		\$5,000,000		\$5,000,000	\$8,250,000		3,250,000			
Total		\$10,000,000		\$10,000,000	\$16,500,000		5,500,000			

Project No. N773	SW IMP - F	lood Protection	on - Cypress Street Outfal	I Regional Stormwater Ir	nprovements				
City of Tampa					FY2019				
Risk Level:	Туре 3		Multi-Year	Contract:					
		Yes, 3 of 5							
			Description						
Description:		_	, permitting and construction						
		for the West Riverfront and North Hyde Park areas in the City of Tampa to relieve structure and							
		street flooding. This project is for construction of Phase 2 of the project which extends the Phase 1 outfall which was funded solely by the City of Tampa. Funding was approved in FY2017							
			-party review. The District	· · · · · · · · · · · · · · · · · · ·					
		-	estimate is greater than \$5	•					
	is for cons				5 1				
Measurable Benefit:	The contra	actual Measura	able Benefit will be complet	ion of design, permitting a	and construction of				
			construct drainage conveya	-	_				
		-	of highly urbanized basin.	Construction will be done	in accordance with				
Conto	the permit		0.000 (decign, third party)	avious parmitting and con	entruction)				
Costs.		npa share \$15	0,000 (design, third-party r	eview, permitting and con	istruction)				
	-	•	\$1,500,000 budgeted in p	revious years, \$3,000,000	reguested in				
			0 anticipated to be request	•	1				
			Evaluation						
Application Quality:	High	High Application included all the required information identified in the CFI Guidelines.							
Project Benefit:	High		e Benefit of this project will	~					
		the 25 year, 24-hour storm event. Structure and street flooding currently occurs in the							
Ocat Effectiveness	NA - alicora	project area and the project impacts the regional or intermediate drainage system. Benefit/Cost ratio is less than 1 but greater than or equal to 0.7. Benefits include							
Cost Effectiveness:	Medium		atio is less than 1 but grea ages to structures and road		enents include				
Past Performance:	High		assessment of the schedu		aoina proiects.				
Complementary Efforts:			Community Rating System						
Project Readiness:			ongoing and on schedule						
	J	, ,	Strategic Goals						
Strategic Goals:	Medium	Strategic Ini	tiative - Floodplain Manaç	ement: Develop better flo	oodplain				
		_	ind implement floodplain m	•	-				
		conveyance	and to minimize flood dam	age.					
Front on High Dringits			I Ranking and Recommer						
Fund as High Priority.			30% design and third party	•	<u>~</u>				
			ill need Governing Board a	· ·					
	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 FY2019 funding								
	for construction. This project will provide flood protection for structures and streets during the 25								
	year, 24-h	our storm ever							
			Funding						
Funding Source	P	rior	FY2019	Future	Total				
City of Tampa		\$1,500,000	\$3,000,000						
District		\$1,500,000	\$3,000,000						
Total		\$3,000,000	\$6,000,000	\$21,000,000	\$30,000,000				

Project No. N850	SW IMP - F	lood Protection	on - Sea Pines	Neighborhoo	d Flood Abatement					
Pasco County						FY2019				
Risk Level:	Type 3			Multi-Year Co	ontract:					
		Yes, Year 2 of 3								
			Descri	ption						
Description:		Land acquisition, design, permitting, and construction of new and upgraded stormwater								
	-	conveyance systems and storage ponds within the Sea Pines neighborhood in western Pasco County. Funding was approved in FY2018 for 30% design and third-party review. The District								
	-				esign and third-party revi omplex and includes mul					
						-				
		acquisitions. The FY2019 funding request is to complete design, permitting, and begin construction.								
Measurable Benefit:	The contra	actual Measura	ble Benefit wil	l be for design	, permitting, and constru	ction of new				
	stormwate	er conveyance	and storage sy	stems within t	he intermediate stormwa	ater system of the				
					n accordance with the pe					
Costs:			,000 (land acq	uisition, desigr	n, third-party review, per	mitting,				
	construction	•	350 000 (Inclu	doc \$250 000 i	of land acquisition costs	as funding match)				
		•			us years, \$500,000 requ					
		0,000 anticipa	-	-	•	00100 1111 12010,				
	, ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Evalua		,					
Application Quality:	Medium	Application in	cluded most o	f the required i	nformation identified in t	he CFI guidelines.				
		District PM/CM had to work with cooperator to obtain remaining required information.								
Project Benefit:	High									
		the 100 year, 24-hour storm event. Structure and street flooding currently occurs in the								
Cost Effectiveness:	Medium	project area and the project impacts the regional or intermediate drainage system. Medium Benefit/cost ratio is less than 1 but greater than or equal to 0.7. Benefits include								
OOST ENECTIVENESS.	McGiairi		ages to structu	_	-	ilenta illeidae				
Past Performance:	Medium				and budget for the 12 or	ngoing projects.				
Complementary Efforts:	Medium				lass is 6 and is in the 6 t					
Project Readiness:	High	Project is ong	joing and on so	chedule.						
			Strategio	Goals						
Strategic Goals:	Medium	Strategic Ini	tiative - Flood	plain Manage	ment: Develop better floo	odplain				
		l	•	•	nagement programs to m	naintain storage and				
		conveyance	and to minimiz	e flood damag	e.					
Frank on High Dringth			I Ranking and			D 1 0040				
Fund as High Priority.			_		eview will be complete by approval to proceed bey					
		•	•	•	review, and with the un					
		-			ceed, Staff is recommen	_				
			•		struction. This project wil	-				
	and street flooding during the 100 year, 24-hour storm event by constructing new stormwater									
	conveyan	ce and storage			e benefit and medium co	ost effectiveness.				
			Fund							
Funding Source	P	rior	FY20 ⁻		Future	Total				
District		\$150,000		\$500,000	\$1,000,000	\$1,650,000				
Pasco County		\$150,000 \$300,000		\$500,000 \$1,000,000	\$1,000,000 \$2,000,000	\$1,650,000 \$3,300,000				
Total		 დასს,სსს		φ1,000,000	\$∠,000,000	გ ა,ასს,000				

Project No. N855	DAR - South Hillsborough Aquifer Recharge Expansion (SHARE) - Phase 1								
Hillsborough County						FY2019			
Risk Level:	Type 3			Multi-Year C	ontract:				
				Yes, Year 2 o	of 4				
		Description							
Description:		Continuation of the FY2018 Phase 1 project to include the final design, permitting, construction,							
	testing, and independent performance evaluations of two recharge well sites (Sites 1 and 2).								
	Each site will consist of one 2 mgd reclaimed water recharge well, four monitoring wells, and								
		necessary transmission and appurtenances for recharge and monitoring. Funding was approved in FY2018 for third-party review (TPR) and, with additional Governing Board approval, completion							
		in FY2018 for third-party review (TPR) and, with additional Governing Board approval, completion of design, permitting and initial construction.							
Measurable Benefit:					n, permitting, construction a	and testing of			
				_	erformance evaluation. If po	_			
		-	-		Soverning Board approval,				
	Measurab	le Benefit will i	nclude operati	ion of Site 1 fo	r 20 years at a minimum in	jection rate of 2			
	-	-			erformance evaluation res				
		_			Measurable Benefit will in				
Conto					minimum injection rate of mitting, construction, testin				
Cosis.		ent performanc	•	-	milling, construction, testin	y, and			
	-	gh County Sha							
					rious years, \$2,235,000 red	quested in			
	FY2019, a	nd \$350,000 a	inticipated to b	pe requested in	n future years.				
			Evalu	ation					
Application Quality:	Low		-		the cooperator to obtain re	-			
		-	or was unable	to provide the	required information at the	e time of the			
Project Benefit:	High	evaluation.	f this project is	to evpand the	use of reclaimed water to	recharge			
Project benefit.	riigii			-	n aquifer to improve aquife	_			
			the MIA of the		ir againer to improve againe	Water level			
Cost Effectiveness:	High				costs for similarly funded	District projects.			
Past Performance:	Medium	Based on an	assessment o	f the schedule	and budget for 17 ongoing	g project(s).			
Complementary Efforts:	High	County imple	ments reclaim	ed metering a	nd incentive based rate str	uctures, and has			
					maximize use & benefits.				
Project Readiness:	High	Project is ong	joing and on s						
			Strategi						
Strategic Goals:	High	_			Maximize beneficial use of				
			=		d restore water levels and	-			
		Recovery St		. implement St	outhern Water Use Caution	TAIEa (SWUCA)			
				d Recommend	ation				
Fund as High Priority.	The Coun				30% design and TPR, resp	pectively, by Fall			
	2018 for S	ites 1 and 2. C	Contractually, t	the County will	need Governing Board ap	proval to proceed			
	-	-	-		the TPR, and understandir	~			
	_		•		ceed, staff is recommendi	•			
			_	-	ure funding is to perform te ct will not reimburse funds				
					isfactory, and the Governi				
					et benefit or impact offset p	_			
		-			y, the County will be requir				
		•			and procedures and water				
	rules. If su	rules. If successful, this project is expected to improve aquifer levels in the MIA of the SWUCA.							
			Func						
Funding Source	Pı	rior	FY20		Future	Total			
Hillsborough County		\$2,265,000		\$2,235,000	\$350,000 \$350,000	\$4,850,000			
District		\$2,265,000 \$4,530,000		\$2,235,000	\$350,000 \$700,000	\$4,850,000 \$9,700,000			
Total		φ 4 ,550,000	\$4,530,000 \$4,470,000 \$700,000 \$9,700						

Project No. N865	SW IMP - Flood Protection - Magnolia Valley Storage and Wetland Enhancement									
Pasco County						FY2019				
Risk Level	Туре 3			Multi-Year C						
				Yes, Year 3 c	of 4					
	Description									
Description		Design, permitting, and construction of the Magnolia Valley Storage and Wetland Enhancement								
		Area. This project consists of conveyance improvements in contributing areas and excavation to								
			-		nt on a former golf cours	*				
	-		-	-	Magnolia Valley Stormwa	-				
		•			in FY2018 for 30% desi					
		•	•	•	ause this project has a complete de	•				
	permitting.		Jiiais. THE FT2	2019 lulidilig i	request is to complete de	sign and				
Measurable Renefit:			hle Renefit wi	Il he the design	n, permitting and constru	uction of stormwater				
measurable Bellett.					olia Valley contributing a					
	_	ne in accordan		_	ona vancy contributing a	rea : concuración				
Costs					view, permitting, constru	ction)				
		unty share \$6,		,	, p	,				
		•		geted in previo	ous years, \$200,000 requ	uested in FY2019,				
	and \$6,00	0,000 anticipat	ted to be reque	ested in future	years.					
			Evalua	ation						
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:	High									
		the 100 year, 24-hour storm event. Structure and street flooding currently occurs in the								
					egional or intermediate o					
Cost Effectiveness	Medium	i i								
Dood Doof consequen	Madium	avoided damages to structures and roads.								
Past Performance:										
Complementary Efforts:					class is 6 and is in the 6	to 9 range.				
Project Readiness	High	Project is ong	joing and on s							
		l	Strategio							
Strategic Goals:	High			-	tenance and Improvem	·				
		I	ent programs, p	projects and re	egulations to maintain an	d improve water				
		quality.	tiativo - Flood	Inlain Manago	ment: Develop better flo	odnlain				
		_			nagement programs to r	-				
			-	ze flood damag		namam storage and				
		, , , , , ,			, -					
		Overal	l Ranking and	d Recommend	lation					
Fund as High Priority.	It is anticir				eview will be complete b	y April 2019.				
, o	-		-		approval to proceed be					
		•	-	-	y review, and with the un					
	Governing	Board will nee	ed to provide a	approval to pro	ceed, Staff is recommer	nding FY2019 funding				
	for comple	etion of design	and permitting	g. This project	will reduce structure and	street flooding				
	during the 100 year, 24-hour storm event by constructing new stormwater storage ponds,									
	conveyance improvements and wetland enhancements. It has a high resource benefit and									
	medium c	ost effectivene		lin n						
			Fund		_					
Funding Source	P	rior	FY20	T	Future	Total				
Pasco County		\$300,000		\$200,000	\$6,000,000					
District		\$300,000 \$200,000 \$6,000,000 \$6,500,00								
Total	<u> </u>	\$600,000		\$400,000	\$12,000,000	\$13,000,000				

Project No. N901	SW IMP - F	lood Protection	on - Port Rich	ey Alternative	Outfall				
Pasco County							FY2019		
Risk Level:	Type 3			Multi-Year C	ontract:				
				Yes, Year 2 o	of 3				
			Descri	ption					
Description:	Slough sys system wh of Mexico. project will the Gulf, ju third-party	and acquisition, design, permitting, and construction of an alternative outfall for the Port Richey ough system. Currently, stormwater flows from the Magnolia Valley area through a slough estem which eventually discharges north under Ridge Road and then west under 19 to the Gulf Mexico. Flooding is experienced as the wetland slough area narrows into a channel. This oject will provide an alternative outfall that connects the slough system to an existing outfall to e Gulf, just south of Ridge Road. Funding was approved in FY2018 for 30% design and ird-party review. The District required a third-party review because this project has complex esign and land acquisition elements. The FY2019 funding request is to complete design and							
Measurable Benefit:		outfall for the			sign, permitting and cor uction will be done in acc				
Costs:	Total proje		,000 (land acc	quisition, desig	n, third-party review, pe	rmitting,			
	Pasco Cou District \$1	unty share \$1,6	\$225,000 budg	geted in previo	of land acquisition costs us years, \$400,000 requyears.				
			Evalua						
Application Quality:	Medium	M 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 100 year,	24-hour storm	n event. Struct	educe the existing floodi ure and street flooding o egional or intermediate o	currently occurs in the	he		
Cost Effectiveness:	High	Benefit/cost ra structures and		than or equal	to 1. Benefits include av	voided damages to			
Past Performance:					and budget for the 12 o				
Complementary Efforts:	Medium	•			class is 6 and is in the 6	to 9 range.			
Project Readiness:	High	Project is ong	oing and on s	chedule.					
			Strategio	c Goals					
Strategic Goals:	Medium	To prevent si and, where n Strategic Initial information a conveyance	gnificant harm lecessary, dev tiative - Flood and implement and to minimiz	n and reestabli relop and implo Iplain Manage floodplain ma ze flood damag		m , determine MFL's oodplain			
Fund as High Priority.	Overall Ranking and Recommendation It is anticipated that the 30% design and third party review will be complete by June 2019. Contractually, the County 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 FY2019 funding for completion of design and permitting. This project will reduce structure and street flooding during the 100 year, 24-hour storm event by constructing an alternative outfall for the Port Richey Slough system. Funding								
Funding Source	Pi	rior	FY20		Future	Total			
Pasco County		\$225,000		\$400,000	\$1,000,000		1,625,000		
District		\$225,000		\$400,000	\$1,000,000		1,625,000		
Total		\$450,000		\$800,000	\$2,000,000	· · · · · · · · · · · · · · · · · · ·	3,250,000		
Iotai	I	, ,	<u> </u>	+200,000	+=,000,000	ı	, 32,000		

Project No. N949	SW IMP - Flood Protection - Southeast Seminole Heights Flood Relief									
City of Tampa					FY2019					
Risk Level:	Type 3		Multi-Year C	Contract: No						
			Description							
Description:	stormwate discharging Seminole I several floo evacuation existing pip water qual this project funding red	his project consists of the 30% design and third-party review for the construction of regional cormwater improvements to serve an area of approximately 780 acres of urban environment scharging into the Hillsborough River south of the Hillsborough River Dam in the Southeast eminole Heights area of the City of Tampa. The City's intent is to construct and implement everal flood relief efforts in the watershed to alleviate frequent and dangerous flooding on critical vacuation routes and in residential neighborhoods. These flood relief efforts include upsizing xisting pipes, installing higher capacity trunklines, and constructing new stormwater ponds for ater quality and quantity purposes. District funding is for 30% design and third-party review as his project has a conceptual construction estimate greater than \$5 million dollars. The FY2019 and the greatest is to complete 30% design and third-party review which will provide the greessary information to support funding in future years to complete design, permitting and								
Measurable Benefit:	The contra	ctual Measura	able Benefit will be completion eyance system BMPs to red	_	· · · · · · · · · · · · · · · · · · ·					
Costs:	Total proje City of Tan District \$50 The conce anticipated	ct cost \$1,000 npa share \$50 00,000; ptual estimate	to complete design, permit of Tampa will request fundir	ting and construction is §						
	constructio	on in latare yes	Evaluation							
Application Quality:	Medium		cluded most of the required M had to work with the coop							
Project Benefit:	High	problem durir	e Benefit of this project, if cong the 5 year, 8-hour storm of project area and the project	event. Structure and stre	et flooding currently					
Cost Effectiveness:	Medium	Benefit/Cost	ratio is less than 1 but great	•	Benefits include					
Past Performance:	High		assessment of the schedule		ngoing projects.					
Complementary Efforts:	Medium	Cooperator's	Community Rating 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, 2018.						
			Strategic Goals							
Strategic Goals:	High									
Fund of High Date 1	TI 0"		I Ranking and Recommend		T					
Fund as High Priority.	the 30% d	The City is requesting funds to complete the 30% design and third-party review. The results from the 30% design plans and third-party review will provide the District with better information to confirm the resource benefits and cost effectiveness of constructing this project. If constructed, this project will provide flood protection for structures and street during the 5 year, 8-hour storm event.								
			Funding		_ , .					
Funding Source	Pı	rior	FY2019	Future	Total					
District City of Tampa		\$0 \$0		\$0						
City of Tampa		\$0 \$0		\$0 \$0						
Total		Φ0	\$1,000,000	\$0	ή \$1,000,000					

Project No. N955	Conservat	on - St. Peter	sburg Toilet Re	bate Progra	am, Phase 17			
City of St. Petersburg							FY2019	
Risk Level:	Type 1			Multi-Year (Contract: No			
Description								
Description:	Financial i	ncentives to re	esidential custon	ners for the	replacement of convention	onal toilets with		
	-	-			sh or less and to comme			
	•				v flow toilets which use 1.	•		
				. •	n administration for the re	•		
		•			 Also included are educ ry to ensure the success 			
Measurable Benefit:					al requirement, is the imp			
			tion of a Final R		ai roquironioni, io trio imp			
Costs:		ct costs: \$50,0						
	City of St.	Petersburg: \$2	25,000					
	District: \$2	25,000						
			Evaluat					
Application Quality:					rmation identified in the C			
Project Benefit:	High				,725 gallons per day in th	ne Northern Tampa		
Cost Effectiveness:	∐iah		se Caution Area	•	,	wod		
Past Performance:		_) per thousand gallons sa e and budget for the 6 on			
Complementary Efforts:	<u> </u>		er capita is betv			going projects.		
Project Readiness:			<u> </u>		ecember 1, 2018.			
Project Readilless.	підп	Froject is rea	Strategic		cember 1, 2016.			
Stratogic Goals:	∐iab	Stratagia Ini			anno officionaica in all w	ator uso soctors		
Strategic Goals:	підп	_			nance efficiencies in all w			
		Tampa Bay Strategies.	Region Priority	: Implement	Minimum Flow and Leve	el (MFL) Recovery		
			I Ranking and I	Recommen	dation			
Fund as High Priority.	Project wi				A and is cost effective.			
			Fundi					
Funding Source	Р	Prior FY2019 Future Total						
District		\$0		\$25,000	\$0		\$25,000	
City of St. Petersburg		\$0		\$25,000	\$0		\$25,000	
Total		\$0		\$50,000	\$0		\$50,000	

Project No. N961	Study-St. F	tudy-St. Petersburg Satellite Based Potable Water Leak Detection Study								
City of St. Petersburg							FY2019			
Risk Level:	Type 1			Multi-Year C	ontract: No					
	Description									
Description:	Implement	tation of a wate	er conservatio	n pilot study to	evaluate a satellite-bas	ed technology to				
	•	lentify and locate sources of water loss on a city-wide scale. Satellite-based remote sensing to								
	-	•		•	d this study will serve as					
		•	•		ter loss. In 2015, District-					
		-	•		tifies water leakage, a de s. The repair cost is not i					
	project.	viii proceed to	piripoliti aria i	epail the leaks	s. The repair cost is not i	nciadea in tilis				
Measurable Benefit:		actual Measura	able Benefit wi	ill be the imple	mentation of the prograr	m and the				
		n of a Final Re								
Costs:	-	ect Cost: \$120								
	-	Petersburg: \$6	60,000;							
	District: \$6	50,000.	Evalu	ation						
Application Quality:	Medium	Application in			information identified in	the CEL quidelines				
Application Quality.	Wediam			•	tor to obtain remaining re	•				
Project Benefit:	High				110,000 gpd of water co	<u> </u>				
					Area (NTBWUCA).					
Cost Effectiveness:	High				.00 per thousand gallons					
Past Performance:					and budget for the 6 on	going projects.				
Complementary Efforts:				tween 75 and	<u> </u>					
Project Readiness:	High	Project is rea			cember 1, 2018.					
		I	Strategi							
Strategic Goals:	High	Strategic Ini	tiative - Cons	ervation: Enh	ance efficiencies in all wa	ater-use sectors.				
			Region Priori	ty: Implement	Minimum Flow and Leve	el (MFL) Recovery				
		Strategies.								
Fund on High Priority	This prois			d Recommend		factive. This study				
Fund as High Priority.					ITBWUCA and is cost effections in the improvement i					
	Will SCIVE	as a pilot prog	Fund		W regional tool to reduce	water 1033.				
Funding Source	Р	rior	FY20		Future	Total				
District		\$0		\$60,000	\$0		\$60,000			
City of St. Petersburg		\$0		\$60,000	\$0		\$60,000			
Total		\$0		\$120,000	\$0	_	\$120,000			

Project No. N965	AWS - Tam	pa Bay Water	Tampa Bypas	s Canal Gate	es Automation				
Tampa Bay Water							FY2019		
Risk Level:	Type 3			Multi-Year C					
		Yes, Year 1 of 2 Description							
	-								
Description:	_				equip existing manual we trolled motorized actuato	_			
		-	-		uctures are owned by the	-			
					ne District, and the weir g	• •			
	by Tampa		-		llation of automation on r	•			
Measurable Benefit:	gates.	notual Magazira	abla Banafit wil	l ha tha dania	ın, permitting, and constr	ruction of romata			
Wiedsurable Delient.				_	ss Canal Structures S-16				
		_			the permitted plans.	oo, o ror and			
Costs:					d construction)				
	-	y Water \$516,							
	District \$5	16,000, with \$2			5,300 in future years.				
A 11 (1 O 11)	I II ada		Evalua		tion identified in the OF	au dal din a a			
Application Quality:					tion identified in the CFI				
Project Benefit:	Hign				elease of water from poo loss due to flood manage				
					lity by better controlling t	•			
		_	-	-	sediment in the canal. The				
					peration of the larger flo				
Cost Effectiveness:	High				ojects with similar scope				
Past Performance:	High	Based on the high	cooperator ha	ving no ongo	ing projects with the Dist	trict they are ranked			
Complementary Efforts:	High	Cooperator co	ompleted simila	ar work at five	e other existing gates.				
Project Readiness:	High	Project is rea	dy to begin on	or before De	cember 1, 2018.				
			Strategio	Goals					
Strategic Goals:	High	Strategic Ini	tiative - Conse	ervation: Enh	ance efficiencies in all w	ater-use sectors.			
		Tampa Bay I and Lake Se		y : Improve La	ke Thonotosassa, Tamp	oa Bay, Lake Tarpon			
			II Ranking and						
Fund as High Priority.	Project wi supply.	Project will provide an economic method for water conservation and increased alternative water supply.							
			Fund						
Funding Source	P	rior	FY20		Future	Total			
District		\$0		\$210,700	\$305,300		516,000		
Tampa Bay Water		\$0 \$0		\$210,700	\$305,300		516,000		
Total		\$0		\$421,400	\$610,600	\$1,	,032,000		

Project No. N966	SW IMP - F	lood Protectio	n - Gibson A	venue Draina	ge Improvements			
Hillsborough County							FY2019	
Risk Level:	Type 2			Multi-Year C	ontract: No			
			Descri	ption				
Description:	retention p Avenue be County. The retention varea up to	oond and enlargetween North 50 ne project experolume for runoothe 25 year, 24	ging the existing the and 58th strings repetion of attenuation of the	ng pump station Streets in the street tive flooding was the propose to the propose the pr	g drainage system by con located on the north Hillsborough River wat with the existing pump of system will provide floximately 25 acres. Fyging the pump station.	side of Gibson ershed in Hillsboroug station's lack of ooding relief for the	h	
Measurable Benefit:	The contra		ble Benefit wi	II be the const	ruction of a retention p	ond and enlarging th	e	
Costs:	Total proje Hillsborou match)	ect cost \$1,800,	.000 (constructere \$900,000 (I	ction) Includes \$789	,000 of land acquistion	costs as funding		
		1	Evalua					
Application Quality:	Medium			•	information identified interest in information identified in information in infor			
Project Benefit:	High	the 25 year, 2	4-hour storm project area a	event for struc	educe the existing floo ctures. Structure and st impacts the regional o	treet flooding currentl	у	
Cost Effectiveness:	High		atio is greater	than or equal	to 1. Benefits include	avoided damages to		
Past Performance:	Medium	Based on an a	assessment o	f the schedule	and budget for the 17	ongoing projects.		
Complementary Efforts:	High	Cooperator's	Community R	ating System	class is 5 and is in the	5 or better range.		
Project Readiness:	High	Project is read	dy to begin on	or before Dec	cember 1, 2018.			
		T.	Strategio					
Strategic Goals:	Medium	Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.						
			Ranking and					
Fund as High Priority.		ct will reduce flo t effective.			reets for the 25 year, 2	4-hour storm event,		
			Fund					
Funding Source	Р	rior	FY20		Future	Total		
District		\$0		\$900,000			\$900,000	
Hillsborough County		\$0		\$900,000			\$900,000	
Total		\$0		\$1,800,000	\$	\$0 \$	1,800,000	

Project No. N967	SW IMP - F	W IMP - Flood Protection - Hidden Lake/Yellow Lake								
Pasco County							FY2019			
Risk Level:	Type 3			Multi-Year Co	ontract: No					
			Descri	otion						
Description:	including 3 constructe construction storage and District fun	ne project is for eligible FY2019 design of the Hidden Lake/Yellow Lake flood protection project cluding 30% design, third-party review, and additional design needed in FY2019. This project, if constructed, consists of land acquisition of surplus District property, design, permitting, and construction of berms around the Hidden Lake property and ancillary facilities to provide flood orage and flood mitigation in the downstream Yellow Lake and Lake Worrell watersheds. istrict funding is for eligible FY2019 design work including third-party review as this project has								
Measurable Benefit:	The contra		ble Benefit wil	l be the comple	etion of 30% design of ontain flood waters with)			
Costs:	Total proje Pasco Cou District \$2 This proje final desig and constr	unty share \$20 00,000 ct requires a th n, permitting, a ruction is \$6,00	0,000 ird-party revie and constructio 0,000 (Includi	w of 30% design. The total co	nd third-party review) gn plans prior to approvenceptual estimate for deligible and acquisition). It is	lesign, permitting, anticipated that the				
	County will request funding to complete design, permitting, and construction in future years. Evaluation									
Application Quality:	Medium		cluded most o	f the required in	nformation identified in or to obtain remaining r	-				
Project Benefit:	High	problem durin	g the 100-yea irs in the proje	r, 24-hour stori ct area and the	nstructed, will reduce the m event. Structure and e project impacts the re	street flooding				
Cost Effectiveness:	Medium	Benefit/Cost r	atio is less tha		r than or equal to 0.7. E	Benefits include				
Past Performance:	Medium				and budget for the 12 c	ongoing projects.				
Complementary Efforts:	Medium	Cooperator's	Community Ra	ating System c	lass is 6 and is in the 6	to 9 range.				
Project Readiness:	High	Project is read	dy to begin on	or before Dece	ember 1, 2018.					
			Strategio	Goals						
Strategic Goals:	Medium	information a	nd implement	-	ment: Develop better flo nagement programs to e.	•	nd			
Fund as High Priority.	need Gove acquisition review as	Overall Ranking and Recommendation District funding is for eligible FY2019 design work including third-party review. The County will need Governing Board approval to proceed beyond 30% design and third-party review. Land acquisition would be eligible following Governing Board approval 30% design and third-party review as match for construction. If constructed, this project will reduce structure and street flooding during the 100-year, 24-hour storm event. Funding								
Funding Source	Di	rior	FY20		Future	Total				
Pasco County	Pi	\$0	F120	\$200,000	Future \$0	1	\$200,000			
					\$0					
District		\$0 \$0		\$200,000	\$0		\$200,000 \$400,000			
Total		φυ		\$400,000	φυ	1	φ400,000			

Project No. N972	Conservati	onservation-Tampa Water Use Information Portal Implementation								
City of Tampa					FY2019					
Risk Level:	Type 1		Multi-Ye	ar Contract: No						
		Description								
Description:	The project	t will make av	ailable a web-based cus	tomer portal to all utility cust	tomers and will					
	•	•		e portal will allow customers						
		•	•	erts via text, email and voice						
				ong-term water use trend and	alysis, geospatial					
			tics and as a vehicle fo							
Measurable Benefit:				mplementation of the program	m and the					
Coete:		n of a final repect Cost: \$300								
00313.		are: \$150,000								
	•	are: \$150,000 are: \$150,000								
		······································	Evaluation							
Application Quality:	High	Application in	cluded all the required	nformation identified in the C	CFI guidelines					
Project Benefit:	High	The project b	enefit is the conservation	n of approximately 132,550	gallons per day in the					
			npa Bay Water Use Cau							
Cost Effectiveness:	Ū			3.00 per thousand gallons.						
Past Performance:	Ü			dule and budget for 9 ongoing	ng projects.					
Complementary Efforts:			tor's per capita is betwe	<u> </u>						
Project Readiness:	High	Project is rea	dy to begin on or before	December 1, 2018.						
			Strategic Goals							
Strategic Goals:	High	Strategic Ini	tiative - Conservation:	Enhance efficiencies in all w	ater-use sectors.					
		Tampa Bay	Region Priority: Implen	nent Minimum Flow and Leve	el (MFL) Recovery					
		Strategies.								
			I Ranking and Recomr							
Fund as High Priority.			nded for funding as it co	nserves water within the NT	BWUCA and is					
	cost-effect	ive.	Funding							
Funding Source	D	rior	Funding FY2019	Future	Total					
Funding Source District	P	rior \$0								
City of Tampa		\$0 \$0			· · · · ·					
Total		\$0 \$0								
เบเสเ	l	ΨΟ	μ ψουσ,	Ψ0	Ψ000,000					

Project No. N975	SW IMP - F	lood Protection	on - Town "N"	Country/Hills	borough Avenue Region	onal Drainage				
Hillsborough County	Improveme	nts					FY2019			
Risk Level:	Type 3			Multi-Year C	ontract: No					
			Descri	ption						
Description:	stormwate the Town a The project attenuation bypass condesign and \$5 million of which will p	The project consist of 30% design and third-party review for the construction of regional tormwater improvements to serve an area of approximately 2110 acres of urban development in the Town and Country area in the Lower Sweetwater Creek Watershed in Hillsborough County. The project is a major evacuation route and will include a 20 acre regional pond for both runoff attenuation and water quality, drainage system improvements and diversion structures, and a sypass conveyance system consisting of conduit and open channel. District funding is for 30% design and third-party review as this project has a conceptual construction estimate greater than 55 million dollars. The FY2019 funding request is to complete 30% design and third-party review which will provide the necessary information to support funding in future years to complete lesign, permitting and construction.								
Measurable Benefit:	The contra	ctual Measura	able Benefit wi	•	on of 30% design for the uce flooding in approxim					
Costs:	Total proje		000 (30% desiç	gn, third-party	review)					
	District \$30		iie \$300,000							
		•	-		ing and construction is					
	-		ougn County w ion in future ye	•	ding to complete land ac	equisition, design,				
			Evalu							
Application Quality:	Medium				information identified in		•			
Project Benefit:	High				erator to obtain remainii nstructed, will reduce th					
r rojour zonomu	9	problem durir	ng the 25 year	, 24-hour storn	n event. Structure and s	treet flooding				
		-	urs in the proje drainage syste		e project impacts the re	gional or				
Cost Effectiveness:	High		atio is greater		to 1. Benefits include av	voided damages to				
Past Performance:	Medium	Based on an	assessment o	f the schedule	and budget for the 17 c	ongoing projects.				
Complementary Efforts:	High	Cooperator's	Community R	ating System o	class is 5 and is in the 5	or better range.				
Project Readiness:	High	Project is rea	dy to begin on	or before Dec	ember 1, 2018.					
			Strategi	c Goals						
Strategic Goals:	High									
		Overal	I Ranking and	Recommend	ation					
Fund as High Priority.	Overall Ranking and Recommendation The County is requesting funds to complete the 30% design and third-party review. The results from the 30% design plans and third-party review will provide the District with better information to confirm the resource benefits and cost effectiveness of constructing this project. If constructed, this project will provide flood protection for structures and streets during the 25 year, 24-hour storm event.									
			Func							
Funding Source	Pı	ior	FY20		Future	Total	0000 000			
District		\$0		\$300,000	\$0		\$300,000			
Hillsborough County		\$0		\$300,000	\$0		\$300,000			
Total		\$0		\$600,000	\$0	Ί	\$600,000			

Project No. N988	Conservati	Conservation – UF/IFAS Soil Moisture Sensor Project								
Hillsborough County							FY2019			
Risk Level:	Type 1			Multi-Year Co	ontract: No					
		Description								
Description:	This proje	ct will make av	ailable approxi	mately 100 soi	I moisture sensor and 4	5 rain sensor				
		•	•		customers within southe	•				
	-	-			ect participants who do					
	-	-	-	-	ition comparing the effe Also included are the ed					
					y to ensure the success					
Measurable Benefit:					ation of the program an		f			
	a final rep		20.00.0		and in the program and	a and domproducer o				
Costs:	Total Proje	ect cost: \$50,0	00;							
		gh County sha	re: \$25,000;							
	District sh	are: \$25,000.								
Application Quality	Madium	Application in	Evalua		nformation identified in t	the CEL quidelines				
Application Quality:	Medium	1		•	or to obtain remaining re	•				
Project Benefit:	High				on of approximately 13,					
			rn Water Use (•					
Cost Effectiveness:	High	Project cost e	effectiveness is	below \$3.00 p	er thousand gallons sa	ved.				
Past Performance:					and budget for the 17 o	ngoing projects.				
Complementary Efforts:			er capita is bet		<u> </u>					
Project Readiness:	High	Project is rea	dy to begin on		ember 1, 2018					
			Strategic							
Strategic Goals:	High	Strategic Ini	tiative - Conse	ervation: Enha	nce efficiencies in all wa	ater-use sectors.				
			Region Priority	y: Implement M	linimum Flow and Leve	I (MFL) Recovery				
		Strategies.			4					
Fund as High Priority	Project wi		I Ranking and		ation JCA and is cost effective					
i did as riigiri nonty.	r roject Wi	ii conserve pot	able water sup. Fund		on and is cost ellective	. .				
Funding Source	Р	Prior FY2019 Future Total								
District		\$0		\$25,000	\$0		\$25,000			
Hillsborough County		\$0		\$25,000	\$0		\$25,000			
Total		\$0		\$50,000	\$0		\$50,000			

Project No. N990	SW IMP - F	lood Protection	on - Zephyr Cı	reek Drainag	e Improvements: Units	s 3 and 4					
Pasco County							FY2019				
Risk Level:	Type 3			Multi-Year	Contract: No						
			Descri	ption							
Description:			•		review for the Units 3 ar ased project consists of	· · ·					
		ake Zephyr watershed. Units 1 and 2 are currently being cooperatively funded through project									
		N836. Unit 3 improvements will consist of two (2) cross-culvert improvements at C Avenue and									
	_	agoon Court along with channel improvements near the old S.R. 54 crossing. Unit 4 is omposed of three (3) cross-culvert improvements at 8th Avenue, Wooden Bridge, and Plant									
				-	entire creek system with	-	e				
			-	-	ird-party review as this	-					
	-	• •			The FY2019 funding red						
			rty review which te design, per		e the necessary informa	ition to support fund	ing				
Measurable Benefit:					pletion of 30% design o	f this proposed					
					evements in the Zephyr	• •					
	project are										
Costs:			000 (30% desig	n and third-p	earty review)						
	District \$3	unty share \$30 00 000	0,000								
			imate for desig	ın, permitting	, and construction is \$5	,100,000. It is					
		anticipated that the County will request funding to complete design, permitting, and construction									
	in future years. Evaluation										
Application Quality:	Medium	Application in			d information identified i	n the CFI quidelines					
Application Quality.	Wicalaiii	1 ''		-	ator to obtain remaining	-					
Project Benefit:	High				onstructed, will reduce t						
		I -	-		orm event. Structure and	_					
		1 -	urs in the proje drainage syste		he project impacts the r	regional or					
Cost Effectiveness:	High				al to 1. Benefits include	avoided damages to)				
		structures an	d roads.								
Past Performance:					e and budget for the 12						
Complementary Efforts:					class is 6 and is in the	6 to 9 range.					
Project Readiness:	High	Project is rea	dy to begin on Strategio		ecember 1, 2018.						
Strategic Goals:	Medium	Strategic Ini			ement: Develop better	floodplain					
Gratogio Godio.	Mediam				anagement programs to	•	nd				
		conveyance	and to minimiz	ze flood dama	age.	_					
Fund of High Date 1	TI 0		I Ranking and			+					
Fund as High Priority.		•	-	-	% design and third-party eview will provide the Di	-					
					st effectiveness of const		If				
					reet flooding during the						
	storm eve	nt.									
Funding Course		rior	Fund FY20		Cuture	Total					
Funding Source Pasco County	P	rior \$0		\$300,000	Future \$	Total 60	\$300,000				
District		\$0 \$0		\$300,000		50	\$300,000				
Total		\$0 \$0		\$600,000		60	\$600,000				
			I	,			· · · · · ·				

Project No. N995	WMP - Plar	nt City Waters	hed Manageme	nt Plan					
Plant City		·	ŭ				FY2019		
Risk Level:	Type 4		l n	/lulti-Year C	Contract:				
	•		١	es, 1 of 3					
			Descript	ion					
Description:	Manageme topographi completed Westside (Watershed Management Plan (WMP) and storm water inventory, floodplain delineation, and Best Management Practices (BMP) alternative analysis for the Plant City Watershed using digital topographic information, ERP data, and land use updates. Two limited detailed studies were completed based on information more than 10 years ago (Eastside Canal Improvements and the Westside Canal Improvements). These limited detailed studies included portions of the 28 square miles watershed for the purposes of flood relief implementation projects. Information from							
	these stud the WMP. collection,	ies and surrou FY2019 fundir	nding Hillsborou	gh County of start the w	models will be utilized and incorvatershed evaluation, document	porated into			
Measurable Benefit:	delineation the City of	he Measurable Benefit will be the completion of a WMP and storm water inventory, floodplain elineation and Best Management Practices alternative analysis for the Plant City Watershed in the City of Plant City using digital topographical information, ERP data and land use updates.							
Costs:	City of Pla	Total project cost \$1,300,000 City of Plant City share \$650,000 District \$650,000 with \$250,000 requested in FY2019 and \$400,000 anticipated to be requested							
			Evaluati	on					
Application Quality:	High	Application in	cluded all the re	quired infor	mation identified in the CFI Guid	delines.			
Project Benefit:	High	analysis mod	-	able or over	that exist in the watershed. Cur 10 years old, and the watersheems.	-			
Cost Effectiveness:	Medium		•		range of historic costs (\$30,001 urban watersheds.	1 -			
Past Performance:	High	Based on the high.	Cooperator hav	ing no ongo	oing projects with the District the	ey are ranked			
Complementary Efforts:	Medium	Cooperator's	Community Rati	ng System	class is 8 and is in the 6 to 9 rar	nge.			
Project Readiness:	High	Project is rea	dy to begin on o	r before De	cember 1, 2018.				
			Strategic (Goals					
Strategic Goals:	Medium	information a	-	oodplain ma	ement: Develop better floodplair anagement programs to maintair ge.				
			I Ranking and F						
Fund as High Priority.	information determina	This project identifies flood risk in an area with a combination of limited detailed study information 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.							
Funding Source	Pi	rior	Fundin FY2019		Future	Total			
District		\$0		\$250,000	\$400,000		650,000		
Plant City		\$0		\$250,000	\$400,000		650,000		
Total		\$0		\$500,000	\$800,000		,300,000		
		•		-					

Project No. N998	AWS- Tampa Bay Water Regional Facility Site Pump Station Expansion									
Tampa Bay Water			,	•	ı	FY2019				
Risk Level:	Type 2		Multi-Year	Contract:						
	, , , , , , , , , , , , , , , , , , ,		Yes, Year 1							
			Description							
Description:	This project will	increase	Tampa Bay Water's pump	ing capacity of alternative	water supply by					
	10-12 MGD ave	age and	20-22 MGD maximum at	the Regional Facility Site I	High Service Pump					
		Station. The project will include design, permitting, and construction activities associated with								
		ne removal of an existing unused 10 MGD (600 HP) jockey pump and installation of a new 24								
		-	se pump, structural modific							
			and ancillary electrical and	mechanical equipment. I	he first year of					
Measurable Benefit:	funding will be for		able Benefit will be the des	ian permitting and constr	ruction of a high					
Measurable Delicit.			crease Tampa Bay Water's		_					
			GD at the Regional Facility							
			e in accordance with the pe	-						
Costs:			0,000 (Design, permitting, a	•						
	Cooperator shar	e \$1,200	0,000;							
			\$108,000 requested in FY2	2019 and \$1,092,000 antic	cipated to be					
	requested in futu	ire years								
Application Quality	High Appli	ootion in	Evaluation acluded all the required info	ermation identified in the C	El Cuidolinos					
Application Quality:										
Project Benefit:		The benefit of this project is the increase in Tampa Bay Water's pumping capacity of alternative water supply from 110 MGD to 132 MGD at the Regional Facility Site High								
			p Station, which is projecte							
		-	over 20 years. The increase							
					-					
		program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This								
	addit	additional pumping capacity will also prepare the system for the next increment of								
		ly that w	ill be developed as part of	the Long-Term Master Wa	ater Supply Plan.					
Cost Effectiveness:			nis project appears to be co							
			ighly cost-effective. In com							
			ne Peace River Manasota I							
Past Performance:			ost of \$2.6M for a 20 MGD cooperator having no ong							
i ast i eriormance.	high.		cooperator naving no ong	oning projects with the bist	not they are ranked					
Complementary Efforts:			t provides wholesale altern	ative water supplies to the	counties of					
	-	orough,	Pasco, and Pinellas, as w	ell as the cities of Tampa,	St. Petersburg, and					
		Port Ric								
Project Readiness:	High Proje	ct is rea	dy to begin before Dec 1, 2	2018.						
			Strategic Goals							
Strategic Goals:	-	_	tiative - Regional Water S							
		-	consensus on the strategi		ary to meet future					
			and beneficial water supply itiative - Alternative Water		onment of					
		_	ources of water to ensure o	= =						
			and the second s	,						
		Overal	II Ranking and Recommer	ndation						
Fund as High Priority.	The project incre		ternative water supply pum		a Bay Region and					
	is cost effective.									
			Funding							
Funding Source	Prior		FY2019	Future	Total					
District		\$0				200,000				
Tampa Bay Water		\$0				200,000				
Total		\$0	\$216,000	\$2,184,000	\$2,4	400,000				

Project No. Q001	Study - Hill	sborough Co	unty SCADA	₋ong-Term Pl	anning					
Hillsborough County							FY2019			
Risk Level:	Type 3			Multi-Year C	contract: No					
			Descri	ption						
Description:	District fun	ding is being r	equested to p	erform a feasi	bility study to provide re	commendations for				
					ng System. The warning					
		rovide the County and District Operations staff with accurate real-time data prior to and during a								
		orm event. The data will be used to determine the available capacity of the watershed in order help make critical decisions during an event. The proposed project will collect data,								
					proposed project will col develop an interface and					
					ntaining the SCADA sys	• •	a			
			-	-	de recommendations for		9			
		ream/Lake Wa	-	•		, , , , ,				
Measurable Benefit:					ng the feasibility study to	provide				
	recommen	dations for im	olementing a	SCADA Stream	m/Lake Warning System	based off of				
		atershed mode								
Costs:		ct cost \$200,0	00 (Study)							
	-	are \$100,000		•						
	District \$10	00,000 reques	ted for FY201 Evalu							
Application Quality:	Medium	Application in			information identified in	the CFI Guidelines				
Application Quality.	Wicalam				perator to obtain remaini					
Project Benefit:	High				ovide a study with recor		<u></u>			
-	_	to implement	a warning sys	tem for lakes	and streams that will en	hance emergency				
		operations to	potentially red	luce existing f	looding within Hillsborou	igh County during a				
		storm event.								
Cost Effectiveness:	- J									
Past Performance:					and budget for the 17 c					
Complementary Efforts:	-				class is 5 and is in the 5	or better range.				
Project Readiness:	High	Project is rea			cember 1, 2018.					
Strategic Goals:	High	Stratogic Ini	Strategic		ement: Develop better flo	oodplain				
Otrategic Goals.	i ligii	_		-	nagement programs to	•	1			
			and to minimiz	•			-			
		•			Response: Operate Dist	trict flood control				
		and water co	nservation str	uctures, provi	ding effective and efficie	ent assistance to state	е			
		_		I the public to	minimize flood damage	during and after				
		major storm	events.							
Fund as High Priority.	The feet		Ranking and			ad CCADA				
Fully as flight Fliohity.					or a Watershed Model arm plemented based on re					
					t Operations staff with a					
		-		-	be used to determine th					
	•	•			during an event. If cons					
	-		stem for lakes	and streams	that optimize conveyand	ce and storage				
	during a st	torm event.								
F			Func							
Funding Source	Pı	rior	FY20		Future	Total	¢400.000			
District		\$0		\$100,000	\$0		\$100,000			
Hillsborough County		\$0 \$0		\$100,000	\$0		\$100,000			
Total		\$0		\$200,000	\$0	<u>'l</u>	\$200,000			

Project No. Q012	SW IMP - F	SW IMP - Flood Protection - Buck/ Lanier								
Pasco County						FY2019				
Risk Level:	Type 3			Multi-Year Co	ntract:					
				Yes, Year 1 of	2					
			Descri	ption						
Description:	Land acqu	iisition, design	, permitting, an	d construction	of additional 8.5 acre s	tormwater storage				
		-	-		Lanier Road area withir					
		vatershed in Pasco County. Offsite discharge from north of S.R. 54 contribute to the routine								
	-	ooding experienced in this closed basin. The additional storage will help to protect homes								
	_	luring the 100 year, 24-hour storm event. FY2019 funding will be used to complete land acquisition, design and permitting.								
Measurable Benefit:				l he the constru	uction of a stormwater p	ond and				
modedi dalo Bononii					ad neighborhood in acc					
	permitted	-			g					
Costs:		•	000 (land acqu	isition, design,	permitting, and constru	uction)				
		•	•		and acquisition costs a	,				
			60,000 request	ed in FY2019 a	nd \$250,000 anticipate	d to be requested in				
	future yea	uture years.								
Annii aatian Ovalituu	Modium	Application in	Evalua		formation identified in	the CEL quidelines				
Application Quality:	Medium									
Project Benefit:	High	District PM/CM had to work with cooperator to obtain remaining required information. The Resource Benefit of this project will reduce the existing flooding problem during								
i rojout Bonont.		the 100 year, 24-hour storm event. Structure and street flooding currently occurs in the								
		project area and the project impacts the regional or intermediate drainage system.								
Cost Effectiveness:	High	Benefit/Cost	ratio is greater	than or equal to	o 1. Benefits include av	oided damages to				
		structures an								
Past Performance:					and budget for the 12 o					
Complementary Efforts:		-			ass is 6 and is in the 6	to 9 range.				
Project Readiness:	High	Project is rea		or before Dece	ember 1, 2018.					
		l -	Strategio							
Strategic Goals:	High			•	enance and Improvem	•				
			ent programs, p	projects and reg	gulations to maintain an	d improve water				
		quality.	tiative - Flood	nlain Managen	nent: Develop better flo	odnlain				
					agement programs to r					
		1	-	e flood damage						
		_								
		Overal	l Ranki <u>ng</u> a <u>nd</u>	Recommenda	ition					
Fund as High Priority.	This proje				ar, 24-hour event in an	area that				
	experienc	es structure ar		ng, and is cost	effective.					
			Fund							
Funding Source	Р	rior	FY20		Future	Total				
Pasco County		\$0		\$60,000	\$250,000	\$310,000				
District		\$0		\$60,000	\$250,000	\$310,000				
Total		\$0		\$120,000	\$500,000	\$620,000				

Project No. Q013	WMP - Han	nmock Creek	WMP						
Pasco County						FY2019			
Risk Level:	Type 4			Multi-Year C	ontract:				
		Yes, Year 1 of 3							
		Description							
Description:	•		•		r the Hammock Creek w				
	•	•	•		, Floodplain Analysis, Po	·			
				-	t Practices (BMP) Altern	ative Analysis.			
Measurable Renefit		nding will be u			VMP that identifies flood	nlain establishes			
Measurable Delicit.		evaluates floo				piairi, establishes			
Costs:		ct cost \$1,800		THE WATER	104.				
		unty share \$90	•						
	District \$9	00,000 with \$3	300,000 reque	sted in FY201	9 and \$600,000 anticipat	ted to be requested			
	in future y	ears.							
			Evalu						
Application Quality:					mation identified in the C				
Project Benefit:	High		•	• .	that exist in the watersho	•			
					over 10 years old, and th	e watershed includes			
Cost Effectiveness:	Medium	regional or intermediate stormwater systems.							
OOST EHECTIVEHESS.	Mediaiii	edium Project cost per square mile is in the medium range of historic costs (\$30,001 - \$50,000/sq mi) for urban WMPs.							
Past Performance:	Medium	Based on an	assessment o	f the schedule	and budget for the 12 o	ngoing projects.			
Complementary Efforts:	Medium	Cooperator's	Community R	ating System	class is 6 and is in the 6	to 9 range.			
Project Readiness:	High	Project is rea	dy to being on	or before Dec	cember 1, 2018.				
			Strategi	c Goals					
Strategic Goals:	Medium	_		-	ement: Develop better flo	· ·			
			-		nagement programs to r	maintain storage and			
		conveyance	and to minimiz	ze flood dama	ge.				
		0	I Danishan and	I D	1-41				
Fund as High Priority.	This proje		I Ranking and		etailed study information	available. The			
r und as riight Honly.	. ,				nination, help implement				
	• .				hance the planning of fu				
	the projec		p.o.o.	quanty, and or	ag o				
			Func	ling					
Funding Source	Р	rior	FY20	19	Future	Total			
Pasco County		\$0		\$300,000	\$600,000	· · ·			
District		\$0		\$300,000	\$600,000				
Total		\$0		\$600,000	\$1,200,000	\$1,800,000			

Project No. Q014	Conservat	Conservation-Pasco County - Toilet Rebate - Phase 12							
Pasco County							FY2019		
Risk Level:	Type 1			Multi-Year (Contract: No				
	Description								
Description:	Financial i	ncentives to re	esidential custo	mers for the	replacement of convention	onal toilets with			
	•	•	•	•	or less and to commerci				
	•	e replacement of conventional toilets with ultra-low flow toilets that use 1.6 gallons per flush or s. This project will include rebates and program administration for the replacement of							
		•		. •	•				
		oximately 500 high flow toilets. Also included are educational materials, program promotion, surveys necessary to ensure the success of the program.							
Measurable Benefit:					ementation of the prograr	m and the			
		n of a Final Re							
Costs:		tal project costs: \$100,000;							
		unty: \$50,000;							
	District: \$5	00,000.	Evalua	ation					
Application Quality:	High	Application in			formation identified in the	e CFI Guidelines.			
Project Benefit:	-			•	d 13,956 gpd of water co				
•	Ū				Area (NTBWUCA).				
Cost Effectiveness:	High	Project cost e	effectiveness is	s below \$3.00	per thousand gallons sa	ived.			
Past Performance:					e and budget for the 12 o	ngoing projects.			
Complementary Efforts:			er capita is be		<u> </u>				
Project Readiness:	High	Project is rea			cember 1, 2018.				
			Strategio						
Strategic Goals:	High	Strategic Ini	tiative - Cons	ervation : Enh	nance efficiencies in all w	ater-use sectors.			
		-	Region Priorit	y: Implement	Minimum Flow and Leve	el (MFL) Recovery			
		Strategies.			1.0				
Fund as High Priority.	This proje		I Ranking and		dation NTBWUCA and is cost ef	fective			
T dild do Flight Holity.	Tills proje	ot conserves p	Fund	_ · · · •	TEVVOCA and is cost en				
Funding Source	Р	rior	FY20		Future	Total			
District		\$0		\$50,000	\$0		\$50,000		
Pasco County		\$0 \$50,000 \$0 \$50,00							
Total		\$0		\$100,000	\$0		\$100,000		

Project No. Q027	SW IMP - F	lood Protection	on - 56th St an	d Hanna Aven	ue Regional Drainage					
Hillsborough County	Improveme					FY2019				
Risk Level:	Type 3			Multi-Year Co	entract:					
				Yes, 1 of 3						
			Descrip	otion						
Description:				-	ction for drainage impro					
	-	-			and Hanna Avenue are					
					The proposed system					
	_	rainage system of 56th Street which serves as a major evacuation route by providing a second outfall to the Hillsborough River, drainage improvements including a diversion structure along								
		56th Street and construction of wet detention ponds that will provide flood attenuation and water								
		quality for approximately 262 acres. FY2019 funding will be used for completion of design and								
	permitting.									
Measurable Benefit:					n of design, permitting a					
				-	ce system BMPs along a 22 acres of highly urban					
		e with the peri		DIOXIIIIAICIY 20	2 acres of flightly diban	ized basin, in				
Costs:),000 (design, p	ermitting, con:	struction)					
		•	re \$1,675,000							
		,675,000 with	\$200,000 reque	ested in FY201	9 and \$1,475,000 antic	cipated in future				
	years.		Evolve	4: a.u.						
Application Quality:	Medium	Application in	Evalua ecluded most of		oformation identified in	the CEL Guidelines				
Application Quality.	Mediaiii	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 information.								
Project Benefit:	High									
_		the 100 year, 24-hour storm event. Structure and street flooding currently occurs in the								
					gional or intermediate of					
Cost Effectiveness:	High	Benefit/Cost roads.	ratio is greater	than or equal t	to 1. Benefits include av	olded damages to				
Past Performance:	Medium		assessment of	the schedule	and budget for the 17 o	ngoing projects.				
Complementary Efforts:	High	Cooperator's	Community Ra	ting System c	ass is 5 and is in the 5	or better range.				
Project Readiness:	High	Project is rea	dy to begin on	or before Dece	ember 1, 2018.					
			Strategic	Goals						
Strategic Goals:	High	_		-	ssment and Planning:					
		-		_	nal water quality status					
			•		and restoration initiative nent: Develop better flo					
		_		•	agement programs to r	•				
			and to minimize			g				
		Overal	I Ranking and	Recommenda	ation					
Fund as High Priority.			-		ing and construction of	_				
	-	-	-		ina Avenue to reduce fl	poding in				
	approxima	itely 262 acres	during the 100 Fundi		r storm event.					
Funding Source	Di	rior	FUIIdi FY201		Future	Total				
District		\$0	i	\$200,000	\$1,475,000					
Hillsborough County		\$0		\$200,000	\$1,475,000					
Total		\$0		\$400,000	\$2,950,000					

Project No. Q028	Reclaimed	Water-Tampa Augm	entation Project Fea	sibility Phase II				
City of Tampa						FY2019		
Risk Level:	Type 3		Multi-Year C	ontract: No				
			Description					
Description:	total cost of (Phase 2) Phase 1 prostore and refore subsequence of the Davicontinue to Recovery of City will many program and (HFCAWT)	The City is in the process of completing Phase 1 of this feasibility study under project N751 for a total cost of \$3,000,000 with the District funding 50 percent of the cost. This phase of the project (Phase 2) will focus on continuing additional needed feasibility steps identified through the Phase 1 project. The overall project goal is to implement a recharge/recovery system to treat, store and recover Advanced Wastewater Treatment (AWT) quality reclaimed water in the aquifer for subsequent delivery to the Hillsborough River Reservoir or directly to the water intake system of the David L. Tippin Water Treatment Facility (DLTWTF). As a part of Phase 2, the City will continue to operate the existing recharge/recovery pilot at the City's Aquifer Storage and Recovery (ASR) B site and refine the groundwater model based on additional data collected. The City will monitor water quality in its wastewater collection system, enhance its source control program and monitoring at the Howard F. Curren Advanced Wastewater Treatment Plant (HFCAWTP). A new recharge well pilot at the City's Rome Avenue ASR site along with other additional desktop evaluations are included to be performed during Phase 2.						
Measurable Benefit:				feasibility analysis from	the Rome and			
		Terrace test sites.				_		
Costs:		: \$2,291,000 (feasibili npa share: \$1,145,50 ,145,500	•					
			Evaluation					
Application Quality:	Medium		•	information identified in obtain remaining requir	-			
Project Benefit:		approximately 50 mg water going to the C River MFL or use by	gd of reclaimed water ity's reservoir with the the region.	ablish the basis to recove for recharge into the aq e remaining available for	uifer with recovere Lower Hillsborouç			
Cost Effectiveness:	High	Recharge/Indirect Po Recharge Project (S	otable Reuse (IPR) p	illity investigations focuse rojects such as the Sout ever, TAP has the poten alternative supply.	h Hillsborough Are	ea		
Past Performance:	High			e and budget for the 9 or	• • • • • • • • • • • • • • • • • • • 			
Complementary Efforts:	High		e in water restriction v	water conservation in plu violation fines, landscapir	-			
Project Readiness:	High	The project is ready	to begin on or before	December 1, 2018.				
			trategic Goals					
Strategic Goals:	High							
Fund as High Priority.	The project		ing and Recommend	ation ative indirect potable use	for reclaimed wa	ter		
Tana as riigitt notity.		benefit water supply	and natural systems.	auve munect potable use	, ioi recialilleu wa			
Funding Course		ior.	Funding EV2019	E.v.	Tatal			
Funding Source District	Pi	rior \$0	FY2019 \$1,145,500	Future \$0	Total	1 1/5 500		
City of Tampa		\$0 \$0	\$1,145,500	\$0 \$0		\$1,145,500 \$1,145,500		
		\$0 \$0	\$1,145,500	\$0 \$0		\$1,145,500 \$2,291,000		
Total	L	ΨΨ	Ψ2,281,000	ΨΟ	<u>'</u>	,201,000		

Project No. Q034	WMP - Bro	NMP - Brooker Creek Watershed Management Plan								
Pinellas County					FY2019					
Risk Level:	Type 3		Multi-Year Co	ontract:						
			Yes, Year 1 of	f 3						
			Description							
Description:	Complete	a Watershed Ma	nagement Plan (WMP) for	the Brooker Creek Water	ershed in Pinellas					
	-	unty, through and including Watershed Evaluation, Floodplain Analysis, Level of Service (LOS)								
			ater Resource Assessment		_					
		P) Alternatives Analysis. FY2019 funding will be used to start Watershed Evaluation.								
Measurable Benefit:		e contractual Measurable Benefit will be the completion of a WMP that identifies floodplains,								
		tablishes LOS, performs SWRA, and evaluates BMPs to address flooding and water quality								
Conto		in the watershed ect cost \$900,000								
Cosis.		ounty share \$45								
		•	0,000 000 requested in FY2019 a	and \$375 000 anticinated	d to be requested in					
	future yea		00010400000 1111 12010 0	and 4070,000 antioipates	a to be requested in					
	iataro you		Evaluation							
Application Quality:	High	Application incl	uded all the required inform	ation identified in the Cl	FI Guidelines.					
Project Benefit:			nalyze flooding problems th							
 	J		s are not available or are ov		<u> </u>					
		1	mediate stormwater syster	•						
Cost Effectiveness:	Low	Project cost per square mile is in the high-range of historic costs (more than								
		\$50,000/sq mi) for WMPs completed in urban watersheds. However, additional effort is								
		required to incorporate the five adjacent watershed studies to this WMP.								
Past Performance:	Medium	3 3 31 7								
Complementary Efforts:			ommunity Rating System cl		or better range.					
Project Readiness:	High	Project is ready	to begin on or before Dece	ember 1, 2018.						
		ı	Strategic Goals							
Strategic Goals:	High	_	tive - Water Quality Asses							
			determine local and region							
			ce management decisions							
		_	ative - Floodplain Manager d implement floodplain man	· · · · · · · · · · · · · · · · · · ·	-					
			nd to minimize flood damag		iaintain storage and					
		Conveyance an	ia to minimize nood damag	C .						
		Overall F	Ranking and Recommenda	ation						
Fund as High Priority.	This proje		I risk in an area with existin		an 10 years old					
, it is good a			be utilized for flood zone de	-	-					
		• .	I improve water quality, and	· · · · · · · · · · · · · · · · · · ·						
			area. The higher cost for the							
	flooding ir	the watershed o	over the past few years and	priority to have reasona	able floodplain					
			ling of the five adjacent wa	tershed studies located	in Pinellas, Pasco,					
	and Hillsb	orough Counties								
Franching Course			Funding	Future	Total					
Funding Source	l P	rior	FY2019	Future	Total					
Pinellas County		\$0 ©0	\$75,000 \$75,000	\$375,000	\$450,000					
District		\$0 \$0	\$75,000 \$150,000	\$375,000 \$750,000	\$450,000 \$900,000					
Total		φυ	\$150,000	φ/ 30,000	φ900,000					

Project No. Q036	SW IMP - F	lood Protection	on - Bartlett P	ark and 7th Stre	et South Stormwater				
City of St. Petersburg	Improveme	ents				FY2019			
Risk Level:	Type 3			Multi-Year Con	tract:				
				Yes, Year 1 of 2	2				
			Descri	ption					
Description:	Design, pe	ermitting, and o	construction of	stormwater impi	rovements at Bartlett F	Park and along 7th			
	Street Sou	th from 18th A	venue South t	o 22nd Avenue S	South. The project's pr	rimary objective is to			
		ovide drainage improvements that will alleviate flooding within the neighborhood west of Bartlett							
		rk and within Bartlett Park. The existing stormwater system is undersized and is negatively ected by regional tailwater conditions, resulting in frequent flooding within the neighborhood.							
		-		_	-	_			
		•	-	•	pact development (LID ce capacity via enlarg	*			
					additional benefit to the	· · ·			
		ll be used for a		nents provide an	additional perioni to ti	ic project. i 12010			
Measurable Benefit:				Il be the design.	permitting, and constr	uction of			
				_	l along 7th Street Sou				
	South to 2	2nd Avenue S	outh that will r	educe structure a	and street flooding in t	he 48.5 acre			
	surroundir	ig area, in acc	ordance with t	he permitted plai	ns.				
Costs:				permitting, and o	construction)				
		Petersburg sh				S (. 1 (. 1 .			
				lested in FY2019	and \$1,052,500 antic	apated to be			
	requested	in future years	s. Evalu	ation					
Application Quality:	Medium	Application in			ormation identified in	the CEL quidelines			
Application Quality.	Wicalam			-		_			
Project Benefit:	High	District PM/CM had to work with cooperator to obtain remaining required information. Iigh The Resource Benefit of this project will reduce the existing flooding problem during							
•		the 10 year, 24-hour storm event. Structure and street flooding currently occurs in the							
		project area a	and the project	impacts the reg	ional or intermediate o	Irainage system.			
Cost Effectiveness:	High		ratio is greater	than or equal to	1. Benefits include av	oided damages to			
		roads.		6.0					
Past Performance:	Ū				nd budget for the 6 on				
Complementary Efforts:	-				ss is 5 and is in the 5	or better range.			
Project Readiness:	High	Project is rea		or before Decer	nber 1, 2018.				
Ctuata via Carda	l II -d-	Otroto nie lei	Strategi			aut. Davidas			
Strategic Goals:	High	_		-	nance and Improvem lations to maintain an				
		quality.	in programs,	orojecis and regi	ilations to maintain an	d improve water			
			tiative - Flood	lplain Managem	ent: Develop better flo	odplain			
					gement programs to n				
		conveyance	and to minimiz	ze flood damage.					
		Overal	l Ranking and	d Recommendat	ion				
Fund as High Priority.			_		t flooding problem up t	_			
			Bartlett Park ar	nd along 7th Stre	et South from 18th Av	renue South to 22nd			
	Avenue So	outh.		li o o					
Francisco O			Func		F. et	7-4-1			
City of St. Deteraburg	Pi	rior	FY20		Future \$1,052,500	Total			
City of St. Petersburg		\$0		\$122,500 \$122,500	\$1,052,500 \$1,052,500	\$1,175,000			
District		\$0 \$0		\$122,500 \$245,000	\$1,052,500 \$2,105,000	\$1,175,000 \$2,350,000			
Total		φ0		\$245,000	⊅∠, 1∪5,∪0 0	ֆ∠,350,000			

Project No. Q041	Conservat	on- New Port	Richey Toilet	Rebate - Pha	ise 5				
New Port Richey						FY2019			
Risk Level:	Type 1			Multi-Year C	Contract: No				
		Description							
Description:	Financial i	ncentives to re	esidential custo	mers for the	replacement of convention	onal toilets with			
	high-efficie	gh-efficiency toilets that use 1.28 gallons per flush or less and to commercial customers for							
	the replace	ement of conve	entional toilets	with ultra-low	flow toilets that use 1.6	gallons per flush or			
		•		. •	dministration for the repl				
					educational materials, p	rogram			
					cess of the program.				
Measurable Benefit:	The contra	actual Measura	able Benefit wil	I be the imple	ementation of the prograr	m and the			
		n of a Final Re							
Costs:		ct costs: \$14,9							
	•	w Port Richey:	\$7,470;						
	District: \$7	⁷ ,470.		4					
Annella ation Occalitan	1.15 1-	Evaluation CFI C 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1							
Application Quality:	-	-							
Project Benefit:	High	gh The benefit of this project is an estimated 1,874 gpd of water conserved in the Northern Tampa Bay Water Use Caution Area (NTBWUCA).							
Cost Effectiveness:	Lliab			,	,	wod			
	<u> </u>				per thousand gallons sa				
Past Performance:					and budget for the 2 on	igoing projects.			
Complementary Efforts:			er capita is bet						
Project Readiness:	High	Project is rea			cember 1, 2018.				
			Strategic						
Strategic Goals:	High	Strategic Ini	tiative - Conse	ervation: Enh	ance efficiencies in all w	ater-use sectors.			
		Tampa Bay	Region Priority	y: Implement	Minimum Flow and Leve	el (MFL) Recovery			
		Strategies.							
			ll Ranking and						
Fund as High Priority.	This proje	ct conserves p			ITBWUCA and is cost ef	fective.			
			Fund						
Funding Source	Р	rior	FY20		Future	Total			
District		\$0		\$7,470	\$0				
New Port Richey		\$0 \$7,470 \$0 \$7,470							
Total		\$0		\$14,940	\$0	\$14,940			

Project No. Q042	SW IMP - Flood Protection - PHSC Berm/Boggy Creek						
Pasco County				337			FY2019
Risk Level:	Type 3			Multi-Year C	contract: No		
	• •		Descri	ption			
Description:	This project	rt consists of 3			eview for the Boggy Cre	ek conveyance	
Description.			-		ormwater from Crane's F		
					nborhoods which have e		
				_	oject will add a control s	•	
	located on	the Pasco He	rnando State (College prope	rty and expanding the ca	apacity for the	
	_			-	nveyance paths near the		
		-			ng request is to complete		
			-		formation to support fun	ding in future years	
Management a Danielle			nitting, and cor			<u> </u>	
Measurable Benefit:					eletion of 30% design of	• •	
					Hernando State College	berm and	
Costs:			nts to the Bogg 00 (30% design				
000.0.		unty share \$12	•	jir ana ama pe	arty review,		
	District \$1		,				
			mate for desig	n, permitting,	and construction is \$3,2	50,000. It is	
	anticipated	d that the Cour	nty will request	funding to co	mplete design, permittin	g, and construction	
	in future y	ears.					
			Evalua				
Application Quality:	Medium				information identified in	-	
Project Benefit:	High				tor to obtain remaining representations to	•	
Project Benefit.	riigii	The Resource Benefit of this project, if constructed, will reduce the existing flooding problem during the 100 year, 24-hour storm event. Structure and street flooding					
			-		ne project impacts the re	_	
			drainage syste			9.0	
Cost Effectiveness:	High	Benefit/Cost	ratio is greater	than or equa	to 1. Benefits include a	voided damages to	
		structures an					
Past Performance:					and budget for the 12 c		
Complementary Efforts:					class is 6 and is in the 6	to 9 range.	
Project Readiness:	High	Project is rea			cember 1, 2018.		
Ctrotonio Cooley	Maralinus	Otrosto dia los	Strategio			de la in	
Strategic Goals:	Medium	_			ement: Develop better flo inagement programs to i	•	4
			and to minimiz	•		maintain storage and	u
		Convoyance		o nood dama	90.		
		Overal	I Ranking and	Recommend	dation		
Fund as High Priority.	The Coun				sign and third-party revie	ew only. The results	
,		•		-		•	
	from the 30% design plans and third-party review will provide the District with better information to confirm the resource benefits and cost effectiveness of constructing this project. If						
	constructed, this project will reduce structure and street flooding during the 100 year, 24-hour						
	storm event.						
	Funding						
Funding Source	P	rior	FY20		Future	Total	040= 555
Pasco County		\$0		\$125,000	\$0		\$125,000
District		\$0 \$0		\$125,000	\$0		\$125,000
Total		\$0		\$250,000	\$0		\$250,000

Project No. W024	FY2019 Tai	npa Bay Envi	ronmental Re	storation Fun	ıd				
TBEP							FY2019		
Risk Level:	Type 1			Multi-Year C	ontract: No				
			Descr	iption					
Description:	The Tampa	a Bay Environ	mental Restor	ation Fund (Te	BERF) was established	d to fund restoration,			
		esearch and education initiatives in Tampa Bay. The Tampa Bay Estuary Program (TBEP)							
	_			•	age with funds obtaine				
		estore America's Estuaries (RAE) through environmental fines and philanthropic gifts.							
Measurable Benefit:	' '			quality improve	ement and habitat resto	oration projects			
Contac			ay watershed.						
Costs:		ct cost: \$700, re \$350,000	000						
			sted in FY19 (District share i	ncludes a 10% admini	strative fee for each			
		aged by the T			noidade a 1070 admini	ondive lee let edell			
	J :	Use symmetry	Evalu	ation					
Application Quality:	High	Application in	cluded all the	required infor	mation identified in the	CFI guidelines.			
Project Benefit:	High	Water quality	improvement	and habitat re	storation in Tampa Ba	y, a SWIM priority			
_	_	water body.	•						
Cost Effectiveness:	High	District funds	will be leverage	ged with other	local, federal, private,	and penalty funds.			
Past Performance:	High	Based on an	assessment o	f the schedule	and budget for the 4	ongoing projects.			
Complementary Efforts:	High		•		nce that was used by t				
		_	•	•	and Pinellas County.				
		-		npaigns for the	e fertilizer ordinances a	and for dog waste			
Project Peadiness	Lligh	management		or before Dec	cember 1, 2018.				
Project Readiness:	підп	Froject is rea			cember 1, 2016.				
Stratogia Caalay	Lligh	Ctrotogio Ini	Strategi		topopoo ond Impresso	ment: Davalan			
Strategic Goals:	піgп	_		_	tenance and Improve egulations to maintain	•			
		quality.	in programs,	projects and re	egulations to maintain	and improve water			
			tiative - Cons	ervation and	Restoration: Identify of	ritical			
		_			nd implement plans for				
		restoration.							
			_	t y : Improve La	ke Thonotosassa, Tan	npa Bay, Lake Tarpo	n		
		and Lake Se							
Fund as High Priority.	Due to the		I Ranking and			est is a very seet			
Fully as riight Fholity.					enalty funds, this proje tat restoration projects	•			
		-	-	-	funding for the TBERF	•			
	-	-	-	•	a total grant amount of				
			nded at a gran		_				
			Fund	ling					
Funding Source	Р	rior	FY20	19	Future	Total			
TBEP		\$0		\$350,000	9	60	\$350,000		
District		\$0		\$350,000		50	\$350,000		
Total		\$0		\$700,000		50	\$700,000		

Project No. W214	Restoratio	Restoration - Roosevelt Creek Channel 5 Improvements					
Pinellas County					FY2019		
Risk Level:	Type 2		Multi-Year	Contract: No			
			Description				
Description:	Modification	on of a salinity	structure, sediment remov	al and exotic species cont	rol on Roosevelt		
•		-	ore natural systems associ				
	waterbody	'.	· 				
Measurable Benefit:			able Benefit will be the mod	•			
			ve species to restore 13 ac	res of natural systems ass	sociated with Tampa		
Casta		/IM priority wa	terbody 142 (Construction)				
Cosis		ci cost. \$7 15, county: \$357,5	,				
		•	sted in FY2019.				
			Evaluation				
Application Quality:	Medium	Application in	cluded most of the require	d information identified in	the CFI guidelines.		
			M had to work with the coo	perator to obtain remainir	ng required		
- 1 S	I II ada	information.		-1			
Project Benefit:	High		benefit of this project is re		ns associated with		
Cost Effectiveness:	Medium	Tampa Bay, a SWIM priority water body. The estimated cost/acre restored is slightly higher than the historical average of					
	Modiani	\$53,326/acre	•	yge. a.a a.ee	ou. a. o. ago o.		
Past Performance:	Medium	Based on an	assessment of the schedu	le and budget for the 9 on	going projects.		
Complementary Efforts:	High		nas an environmentally ser				
			ment program, an Adopt a	_	-		
Droinet Boodings	Lliab		and other complementary	•	store natural systems.		
Project Readiness:	підп	Project is rea	dy to begin on or before D Strategic Goals	ecember 1, 2016.			
Strategic Goals:	High	Stratogic Ini	tiative - Conservation and	d Postoration: Identify crit	ical		
otrategic odais.	riigii	_	ally sensitive ecosystems	_			
		restoration.		and impromone promoner pr			
		Tampa Bay	Region Priority: Improve L	_ake Thonotosassa, Tamp	a Bay, Lake Tarpon		
		and Lake Se					
			I Ranking and Recomme				
Fund as High Priority.			ghtly higher than the histor	•	-		
	enorts by	uie Courity to	enhance natural systems i Funding	n rampa bay, a Svviivi pri	only waterbody.		
Funding Source	P	rior	FY2019	Future	Total		
District		\$0					
Pinellas County		\$0			\$357,571		
Total		\$0			\$715,142		

Project No. W296	SW IMP - V	SW IMP - Water Quality - East Treasure Island Causeway BMPs						
City of Treasure Island						FY20	019	
Risk Level:	Type 2			Multi-Year C	Contract: No			
			Descri	ption				
Description:	Constructi	Construction of stormwater improvement BMPs for currently untreated areas discharging into						
	Boca Cieg	a Bay and ulti	mately Tampa	Bay, a SWIM	priority waterbody. Appr	oved funds will be		
	used for c	onstruction of	stormwater tre	atment above	and beyond permit requ	irements.		
Measurable Benefit:					truction of BMPs to treat			
					with the permitted plans	. There will be no		
01		or performan						
Costs:		ect Cost: \$550, asure Island: \$	•	tion)				
	•	275,250 reque:						
	District. ψ_2	-70,200 reque	Evalu	ation				
Application Quality:	Medium	Application in			information identified in	the CFI guidelines.		
				-	tor to obtain remaining re	_		
Project Benefit:	High							
		Tampa Bay by an estimated 1,377 lbs/year of TSS.						
Cost Effectiveness:	Medium	•						
		\$20/lb and the cost per acre treated is above the historical average cost of \$46,947 for coastal water quality projects.						
Past Performance:	High				and budget for the 1 on	aning project	_	
Complementary Efforts:					that collects fees.	going project.		
Project Readiness:	-	_			March 1, 2019.			
1 rojoet readiness.	Wicdiaiii	The project is	Strategi		, Waren 1, 2010.			
Strategic Goals:	High	Strategic Ini			ntenance and Improvem	ent: Develon		
Otratogro Couro.	riigii				egulations to maintain ar			
		quality.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	- 9			
		Tampa Bay	Region Priorit	y : Improve La	ake Thonotosassa, Tamp	a Bay, Lake Tarpon		
		and Lake Se						
			I Ranking and					
Fund as High Priority.			-		Ciega Bay and Tampa B	ay, a SWIM priority		
	waterbody	through a red						
Funding Course	Funding Source Prior FY2019 Future Total							
Funding Source City of Treasure Island	P	rior \$0		\$275,250	Future \$0	Total \$275,2	250	
District		\$0 \$0		\$275,250	\$0 \$0			
Total		\$0 \$0		\$550,500	\$0 \$0			

Project No. N970	WMP - Sou	th Creek Wat	ershed Manag	ement Plan				
Pinellas County		Olook mak		,00			FY2019	
Risk Level:	Type 3			Multi-Year Cor	ntract:		1 12010	
NISK ECVOI.	.,,,,,			Yes, Year 1 of				
			Descri	-	<u> </u>			
Description:	Complete	a Watershed N		•	he South Creek Water	shed in Pinellas		
2000			-		Floodplain Analysis, Le)S)	
	-	-	-		SWRA), and Best Man	-		
					sed to start Watershed	-		
Measurable Benefit:	The contra	ctual Measura	able Benefit wi	Il be the comple	tion of a WMP that ide	ntifies floodplains,		
	establishe	s LOS, perforr	ns SWRA, and	d evaluates BMF	s to address flooding	and water quality		
	concerns i	n the watersh	ed.					
Costs:		ct cost \$750,0						
		ounty share \$						
			5,000 request	ted in FY2019 ar	nd \$300,000 anticipate	d to be requested	in	
	future yea	´S	Freely	-4: - ·-				
Application Quality	∐iah	Application in	Evalu		ation identified in the C	El Cuidolinos		
Application Quality:	_				ation identified in the C		_1	
Project Benefit:	High		-		at exist in the watershe	-		
		-		rmwater system	er 10 years old, and the	e watersned includ	ies	
Cost Effectiveness:	Low				ange of historic costs (more than		
COST EMOSTIVEMOSS.	LOW		•	•	an watersheds. This is		ed	
		-	-	•	fort during the watersh			
			alysis phases	-	J			
Past Performance:	Medium	Based on an	assessment o	f the schedule a	nd budget for the 9 on	going projects.		
Complementary Efforts:	High	Cooperator's	Community R	ating System cla	ass is 5 and is in the 5	or better range.		
Project Readiness:	High	Project is rea	dy to begin on	or before Decei	mber 1, 2018.			
			Strategi	c Goals				
Strategic Goals:	High	Strategic Ini	tiative - Wate	r Quality Assess	sment and Planning: (Collect and		
					al water quality status			
					nd restoration initiative			
					ent: Develop better flo			
			•	•	agement programs to r	naintain storage a	nd	
		conveyance	and to minimiz	ze flood damage).			
Fund as Medium Priority.	This mais			d Recommendat		available. The		
Fund as Medium Fnonty.					illed study information			
	• .	ng product will be utilized for flood zone determination, to help implement solutions that the flood risk and improve water quality, and to enhance the planning of future development						
		e project area. The higher cost are associated with the watershed evaluation and floodplain						
		analysis effort in this highly urbanized watershed.						
			Func					
Funding Source	P	rior	FY20	19	Future	Total		
Pinellas County		\$0		\$75,000	\$300,000		\$375,000	
District		\$0		\$75,000	\$300,000		\$375,000	
Total		\$0		\$150,000	\$600,000		\$750,000	

Project No. N976	Study-Bell	tudy-Belleair Hydrogeologic Investigation for a Brackish Groundwater Water Supply							
Town of Belleair					FY2019				
Risk Level:	Type 3		Multi-Year C	ontract:					
			Yes, 1 of 2						
Descriptions	This prois	atia fan a budu	Description	towning the feesibility of	doveloping				
Description.	brackish g	roundwater we	ogeologic investigation to de ellfield and deep injection we loping a brackish groundwat	ell in the Upper Floridan a	aquifer. The Project				
	system. Tl	ne Project will	have two objectives. The fire	st is to identify a zone in	the Upper Floridan				
	•	•	significant quantities of brac	•					
			/, water quality, and long-ter	•	•				
	-		pelow the production zone the treatment process.	iat will be suitable for inje	ection of brine				
Measurable Benefit:			able Benefit will be the comp	eletion of a report that pro	oduces				
			on on the Upper Floridan aqu						
		water supply.							
Costs:		ect cost: \$1,019 elleair share: \$							
			339,992 in FY2019 and \$16	9.995 in future vears.					
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Evaluation						
Application Quality:	High	Application in	cluded all the required infor	mation identified in the C	FI guidelines.				
Project Benefit:	High	l	f this project is enhancemer		·				
		_	models and management of		· · ·				
Cost Effectiveness:	High		Area (NTBWUCA).Substant ctiveness appears reasonab						
	i ligii	costs for simi		no arra comolotorit with the	o Biolitor o avorago				
Past Performance:	Medium		assessment of the schedule						
Complementary Efforts:	Medium	Cooperator p ranking.	er capita is between 101 an	d 150 gpcd which is eithe	er a low or medium				
Project Readiness:	High	Project is rea	dy to begin on or before Dec	cember 1, 2018.					
		l	Strategic Goals						
Strategic Goals:	High	_	tiative - Alternative Water S		= -				
		l	ources of water to ensure gr Region Priority: Implement						
		Strategies.	ntogion i monty: impiomont						
		Overa	I Ranking and Recommend	lation					
Fund as Medium Priority.	-,	-	study to evaluate brackish						
	to meet the strategic initiative of developing AWS to sustain existing freshwater sources in the NTBWUCA.								
	11.5000	,	Funding						
Funding Source	Р	rior	FY2019	Future	Total				
Town of Belleair		\$0	\$339,993	\$169,995	\$509,988				
District		\$0		\$169,995					
Total		\$0	\$679,985	\$339,990	\$1,019,975				

Project No. N993	WMP - Cyp	WMP - Cypress Creek Watershed Management Plan Update						
Pasco County							FY2019	
Risk Level:	Type 4			Multi-Year (
			Descri					
Description:	Complete	a Watershed N	/lanagement P	lan (WMP) u	pdate for the Cypress Cre	eek watershed in		
	Pasco Co	unty, through a	and including W	/atershed Ev	aluation, Floodplain Analy	sis, Level of		
		•		-	nt Practice (BMP) Alternat	tive Analysis.		
Managed In Danielle			sed to begin th					
Measurable Benefit:				•	n updated WMP that ident ooding concerns in the wa			
Costs:		ect cost \$1,800		to address ii	ooding concerns in the wa	atersneu.		
300.0.		unty share \$90						
		-		ted in FY201	19, and \$700,000 anticipa	ted to be requested		
	in future y	ears.						
			Evalua					
Application Quality:					rmation identified in the C			
Project Benefit:	Medium				xist in the watershed and	-		
			flood analysis models are available and are from 5 to 10 years old, and the watershed					
Cost Effectiveness:	High	includes regional or intermediate stormwater systems. Project cost per square mile is in the low range of historic costs (less than \$22,000/sq						
	g		updates compl		•	, , , , , , , , , , , , , , , , , , , ,		
Past Performance:	Medium	Based on an	assessment of	the schedul	e and budget for the 12 or	ngoing projects.		
Complementary Efforts:	Medium	•	-		class is 6 and is in the 6	to 9 range.		
Project Readiness:	Medium	Project is read	dy to begin on	or before Ma	arch 1, 2019.			
			Strategio	Goals				
Strategic Goals:	Medium	_			ement: Develop better flo	•		
			-		anagement programs to n	naintain storage and		
		conveyance	and to minimiz	e 11000 dama	age.			
		Overel	l Banking and	Basamman	dation			
Fund as Medium Priority.	This proje		I Ranking and		ng flood analysis that is 5	to 10 years old		
, ,	' '	•			•	•		
		The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and enhance the planning of future development in the project area.						
			Fund	ing				
Funding Source	P	Prior FY2019 Future Total						
Pasco County		\$0		\$200,000	\$700,000		900,000	
District		\$0		\$200,000	\$700,000		900,000	
Total		\$0		\$400,000	\$1,400,000	\$1,8	800,000	

Project No. N997	WMP - Ken	neth City Wat	ershed Manag	gement Plan		WMP - Kenneth City Watershed Management Plan								
Kenneth City							FY2019							
Risk Level:	Type 3			Multi-Year C	ontract: No									
			Descri	ption										
Description:	Watershed updates. T Level of So (SWRA), s WMP will p	Complete a Watershed Management Plan for the Town of Kenneth City in the Joe's Creek Watershed in Pinellas County using digital topographic information, ERP Data, and land use updates. The project will also consist of Best Management Practices (BMP) alternative analysis, Level of Service (LOS) improvement recommendations, Surface Water Resource Assessment (SWRA), stormwater inventory and condition assessment and stormwater utility master plan The WMP will provide the necessary information for the town to pursue a dedicated stormwater utility												
						tal projects. FY2019								
Measurable Benefit:	The contra		able Benefit wi	Il be the comp		ed Management Plan								
Costs:	Total proje	ct cost \$125,0 enneth City sh	00 are \$62,500		yole.									
			Evalua											
Application Quality:	Medium					ed in the CFI guidelines ng required information								
Project Benefit:	Medium	analysis mod	-	ole and are fro	m 5 to 10 years old,	ershed. Currently, floo , and the watershed	d							
Cost Effectiveness:	Medium	\$31,001/sq m project includ	Project cost per square mile is in the high range of historic costs (more than \$31,001/sq mi) for WMP updates completed in urban watersheds. However, the project includes additional tasks beyond the normal scope of work for an update. Those additional tasks, in addition to the large population density, justify the cost											
Past Performance:	High			aving no ongo	ing projects with the	District they are ranke	d							
Complementary Efforts:	Medium	Cooperator's	Community R	ating System	class is 8 and is in t	he 6 to 9 range.								
Project Readiness:	High	Project is rea	dy to begin on	or before De	cember 1, 2018.									
			Strategio	c Goals										
Strategic Goals:	High													
			l Ranking and											
Fund as Medium Priority.	This 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, develop a stormwater inventory and condition assessment and stormwater utility master plan, and enhance the planning of future development in the project area. Funding													
Funding Source	D	rior	FUIIC FY20		Future	Total								
District		\$0		\$62,500	i atui c	\$0	\$62,500							
Kenneth City		\$0		\$62,500		\$0	\$62,500							
Total		\$0		\$125,000		\$0	\$125,000							

Project No. Q011	WMP - Pith	WMP - Pithlachascotee/Bear Creek Watershed Management Plan Update						
Pasco County						F	Y2019	
Risk Level:	Type 4			Multi-Year C	Contract:			
				Yes, Year 1	of 3			
	Description							
Description:			•		odate for the Pithlachasc			
			-	-	uding Watershed Evaluat	•		
	-				Best Management Pract	· ·		
Managemahla Danafit					begin the Watershed Ev			
Measurable Benefit:				•	updated WMP that ident ooding concerns in the w	•		
Costs:		ect cost \$1,600		to address no	boding concerns in the w	alersneu.		
00313.		unty share \$80						
		-		sted in FY201	9 and \$600,000 anticipat	ted to be requested		
	in future y	ears.	•		•	·		
			Evalua	ation				
Application Quality:	High	Application in	cluded all the	required infor	mation identified in the C	FI Guidelines.		
Project Benefit:	Medium		• .		ist in the watershed and	•		
					ire from 5 to 10 years old	d, and the watershed		
2 1 7 11			onal or interme					
Cost Effectiveness:	High		per square mile updates comp		range of historic costs (le	ess than \$22,000/sq		
Past Performance:	Medium				and budget for the 12 o	ngoing projects		
Complementary Efforts:					class is 6 and is in the 6			
Project Readiness:			dy to begin on			to o range.		
1 Tojoot Rodamooo.	Wediam	i rojectic rea	Strategic		1011 1, 2010.			
Strategic Goals:	Medium	Strategic Ini	<u> </u>		ement: Develop better flo	oodnlain		
		_		-	nagement programs to r	-		
			and to minimiz	•				
		Overal	l Ranking and	l Recommend	dation			
Fund as Medium Priority.	This proje	ct updates floo	od risk in an ar	ea with existin	ng flood analysis that is 5	to 10 years old.		
					etermination, to help imp			
	that allevia	ate flood risk, a			future development in the	ne project area.		
- II 0			Fund		= /			
Funding Source	P	rior	FY20		Future	Total	0000	
Pasco County		\$0		\$200,000	\$600,000		00,000	
District		\$0 \$0		\$200,000 \$400,000	\$600,000 \$1,200,000		00,000	
Total	<u> </u>	Φ U		φ 4 00,000	φ1,200,000	φ1,00	,0,000	

Project No. Q026	SW IMP - F	lood Protection	on - N Falkent	ourg Rd. Draina	age Improvements				
Hillsborough County							FY2019		
Risk Level:	Type 2			Multi-Year Co	ntract: No				
	Description								
Description:	at N. Falke watershed ultimately the Hillsbo 2011. The	This project is for construction to improve the existing drainage system by upsizing the culverts at N. Falkenburg Road, Sligh Avenue and Wilkins Road located in the Hillsborough River vatershed in Hillsborough County. The proposed drainage improvements along the system elitimately outfall to the Tampa Bypass Canal. The project was recommended as an alternative in the Hillsborough River and Tampa Bypass Canal Watershed Master Plan Update completed in 1011. The proposed system will provide flooding relief for the area up to the 25 year, 24-hour torm event for approximately 392 acres. FY2019 funding will be used for construction.							
Measurable Benefit:	to reduce permitted	flooding in app plans.	roximately 39	2 acres of highly	on of drainage conveya y urbanized basin, in a	•			
Costs:	Hillsborou	ect cost \$1,000 gh County sha 00,000 reques	re \$500,000 ted in FY2019						
Application Quality:	Medium	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 information.							
Project Benefit:	High								
Cost Effectiveness:	Low	Benefit/cost r roads.	atio is less tha	n 0.7. Benefits i	include avoided damaç	ges to structures and	d		
Past Performance:	Medium	Based on an	assessment o	f the schedule a	and budget for the 17 o	ngoing projects.			
Complementary Efforts:	High	Cooperator's	Community R	ating System cla	ass is 5 and is in the 5	or better range.			
Project Readiness:	High	Project is rea	dy to begin on	or before Dece	mber 1, 2018.				
			Strategio	C Goals					
Strategic Goals:	Medium Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.						d		
Fund as Medium Priority.	approxima	Overall Ranking and Recommendation The project consists of construction of drainage conveyance system BMP's to reduce flooding in approximately 392 acres of highly urbanized basin that will reduce flooding for structures and streets for the 25 year, 24-hour storm event. Funding							
Funding Source	P	rior	FY20		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. Q045	SW IMP - V	VIMP - Water Quality - Beach Street Stormwater System Improvements						
New Port Richey					FY2019			
Risk Level:	Type 3		Multi-Year C	Contract: No				
			Description					
Description:		esign, permitting and construction of stormwater improvement BMPs to treat runoff and improve ater quality discharging to the Pithlachascotee River in New Port Richey.						
Measurable Benefit:	to treat sto in accorda requireme	The contractual Measurable Benefit will be the design, permitting, and construction of LID BMPs of treat stormwater runoff from a 13 acre highly urbanized watershed. Construction will be done a accordance with the permitted plans. There will be no monitoring or performance testing equirements.						
Costs:		w Port Richey:	800 (Design, permitting and \$354,400	construction)				
	District. 4	JJ4,400	Evaluation					
Application Quality:	Medium	1	cluded most of the required M had to work with coopera		•			
Project Benefit:	High	Pithlachasco	e Benefit of this water qualit tee River by an estimated 5,	200 lbs/yr of TSS.	•			
Cost Effectiveness:	Medium	The estimated cost/lb of TSS removed is below the historical average cost of \$12/lb, and the cost/acre treated is above the historical average cost of \$8,050/acre treated for Urban/Suburban water quality projects.						
Past Performance:	Medium	Based on an	assessment of the schedule	e and budget for the 2 on	going projects.			
Complementary Efforts:	High	The City has	an active stormwater utility	that collects fees.				
Project Readiness:	High	Project is exp	ected to begin on or before	December 1, 2018.				
			Strategic Goals					
Strategic Goals:	Medium		tiative - Water Quality Mair ent programs, projects and r					
			I Ranking and Recommend					
Fund as Medium Priority.		The project will improve water quality discharging to the Pithlachascotee River, a non-priority waterbody.						
			Funding					
Funding Source	P	rior	FY2019	Future	Total			
New Port Richey		\$0	·	\$0	\$354,400			
District		\$0 \$0		\$0 \$0	\$354,400			
Total		\$0	\$708,800	\$0	\$708,800			

Project No. N492	Lower Hills	borough Rive	er Dam Control Gate Facili	ties				
City of Tampa		_			FY2019			
Risk Level:	Type 2		Multi-Year (Contract:				
			Yes, Year 2	of 2				
			Description					
Description:	dam to pro	Design, permitting, and construction of permanent control gate facilities at the City of Tampa's dam to provide water to the Lower Hillsborough River to meet the MFL Recovery Strategy. The project will assist in maintaining sufficient lower river flows as required for compliance with the Lower Hillsborough River Recovery Strategy (40D-80.073 FAC). The project request is a cost						
	increase a	crease above the amount approved by the Governing Board in July 2017.						
Measurable Benefit:	River dam		able Benefit is the construct					
Costs:	from what City of Tar District: \$1	the Governing npa: \$1,268,78	\$797,732 budgeted in prio	y 2017 Board meeting)				
	,		Evaluation					
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.						
Project Benefit:	High							
Cost Effectiveness:	High	High Costs appear reasonable and consistent with costs associated with similar projects and are based on bids.						
Past Performance:	High							
Complementary Efforts:	Medium	space within	an exotic removal/treatments its parks system, actively op mentary efforts that preserv	perates facilities to meet	MFL's, and has			
Project Readiness:	High		joing and is on schedule. Do y has awarded contract for construction.		_			
			Strategic Goals					
Strategic Goals:	High	To prevent si and, where r Tampa Bay I Strategies.	tiative - Minimum Flows ar gnificant harm and reestabl ecessary, develop and imp Region Priority: Implement	ish the natural ecosyster lement recovery plans. Minimum Flow and Leve	n, determine MFL's			
			I Ranking and Recommen					
Low Priority, not recommended for funding.	The project is ranked low due to a 40% increase in total project cost. The City is requesting the District contribute \$233,167, a 29.2% increase, in additional funds. The project is a major component for compliance with the Lower Hillsborough River Recovery Strategy (40D-80.073 FAC).							
Frankling O			Funding	F. d.	T-4 1			
Funding Source	P	rior	FY2019	Future	Total			
District City of Tampa		\$797,732	\$233,167 \$428,824	\$0 \$0				
City of Tampa		\$839,960 \$1,637,692		\$0 \$0				
Total		\$1,637,692 \$661,991 \$0 \$2,299						

Project No. N953	SW IMP - F	SW IMP - Flood Protection - Salt Springs						
Pasco County		FY2019						
Risk Level:	Type 2		Multi-Year	Contract: No				
			Description					
Description:	to Salt Spr Upstream under US1 undersized upsizing a	construction of conveyance improvements under Salt Springs Road, which is the ultimate outfall of Salt Springs from a larger upstream contributing area within the Double Hammock watershed. In pastream neighborhoods discharge to a ditch along Embassy Drive which discharges west under US19 to a ditch that leads to the Salt Springs culvert discharge. This system is undersized with bottlenecks at both the US19 and Salt Spring culverts. This project includes the psizing and replacement of the Salt Springs discharge. FY2019 funding request will be utilized or construction.						
Measurable Benefit:			able Benefit will be the repla					
Costs:	Total proje Pasco Co	Road to provide increased stormwater capacity in accordance with the permitted plans. Fotal project cost \$600,000 (Construction) Pasco County share \$300,000 District \$300,000 requested in FY2019.						
			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:	Low	There is no stated resource benefit of this project since it does not address an existing structural or street flooding problem. There is no structure or street flooding currently in the project area and/or the project does not impact the regional or intermediate drainage system.						
Cost Effectiveness:	Low		ratio is less than 0.7. Benef d roads; therefore, analysis		_			
Past Performance:	Medium	Based on an	assessment of the schedul	e and budget for the 12 o	ngoing projects.			
Complementary Efforts:	Medium	Cooperator's	Community Rating System	class is 6 and is in the 6	to 9 range.			
Project Readiness:	High	Project is read	dy to begin on or before De	ecember 1, 2018.				
			Strategic Goals					
Strategic Goals:	Low	Strategic Ini Region Prior						
			-	dation				
Low Priority, not recommended for funding.	application improvem	Overall Ranking and Recommendation The conveyance improvements under Salt Springs Road, proposed by the County in this application, do not provide enough flood protection benefits on their own without additional improvements such as improvements to the culverts under US 19 and upstream conveyance/storage improvements.						
			Funding					
Funding Source	Р	rior	FY2019	Future	Total			
Pasco County		\$0	\$300,000					
District		\$0	\$300,000					
Total		\$0 \$600,000 \$0						

Project No. N954	Conservati	onservation-Florida Friendly Landscape Program- Public Education							
Tampa Bay Water		FY201							
Risk Level:	Type 1		Multi-Year	Contract: No					
		Description							
Description:		ovides funding for Florida Friendly Landscape Program education coordinators to work with the							
	•		communities to ensure that						
	_	chnologies are installed correctly, to communicate plant water establishment guidelines and to apport efforts that address Tampa Bay Water member government's outdoor high water users.							
Measurable Benefit:			able Benefit will be the impl						
		n of a final repo		ementation of the program	in and the				
Costs:		ect Cost: \$473,							
		BW Share: \$236,851;							
	District Sh	istrict Share: \$236,850. Evaluation							
Application Quality:	High								
Project Benefit:									
r rojost Bonont.		this proposal.							
Cost Effectiveness:	Low	ow There is no water savings estimate to calculate a cost effectiveness.							
Past Performance:	High	High Based on the cooperator having no ongoing projects with the District they are ranked high.							
Complementary Efforts:	Medium	ledium The per capita for Tampa Bay Water Member Governments is inbetween 75 and 125							
Duning t Danilla and	N 4 11	gpcd.							
Project Readiness:	Medium								
Strategic Goals:	Low	Strategic Ini	Strategic Goals						
Strategic Goals.	LOW								
		Region Prior	-	1.0					
Low Priority, not	Project is		I Ranking and Recommer it does not identify measur		classified as				
recommended for funding.	education		it does not identify measur	abic water saviriys and is	Gassilieu as				
			Funding						
Funding Source	Р	rior	FY2019	Future	Total				
District		\$0	\$236,850		· ,				
Tampa Bay Water		\$0	\$236,851	\$0					
Total		\$0 \$473,701 \$0 \$473,701							

Project No. N960	SW IMP - F	lood Protection	on - Scenic Di	ive					
Pasco County							FY2019		
Risk Level:	Type 3			Multi-Year Co	ontract:				
				Yes, 1 of 2					
			Descri	ption					
Description:	Design, pe	ermitting, and o	construction of	improvements	to the conveyance und	er Scenic Drive,			
		which is located along Double Hammock Creek, west of US 19. The existing three pipes under							
					ninor contribution to floo	-			
		-	_	-	perties. This project inc				
		•	•		2019 funding request wi	ill be used to			
		design, permitt							
Measurable Benefit:				•	n, permitting, and constr				
				nic Drive to pro	vide increased stormwa	iter capacity in			
Costs:		e with the peri		normitting con	atruction)				
Costs.		Total project cost \$1,200,000 (design, permitting, construction)							
		Pasco County share \$600,000 District \$600,000 requested in FY2019.							
	Διστιτοί ψο	00,000 reques	Evalu						
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:	Low								
		address an existing structural or street flooding problem.							
Cost Effectiveness:	Low				s do not include enough	•	to		
					esults in an unfavorable				
Past Performance:					and budget for the 12 o				
Complementary Efforts:	Medium				lass is 6 and is in the 6	to 9 range.			
Project Readiness:	High	Project is rea			ember 1, 2018.				
			Strategio	c Goals					
Strategic Goals:	Low	Strategic Ini	tiative: None						
		Region Prio	rity: None						
		Overal	l Ranking and	d Recommend	ation				
Low Priority, not		•			o not provide enough flo	•			
recommended for funding.			•	ance and stora	ge improvements are re	quired to provide			
	flood prote	ection benefits							
			Func						
Funding Source	P	rior	FY20		Future	Total			
Pasco County		\$0		\$100,000	\$500,000		\$600,000		
District		\$0		\$100,000	\$500,000		\$600,000		
Total		\$0 \$200,000 \$1,000,000 \$1,200							

Project No. N968	Conservati	on - Hillsborou	gh County A	dvanced Met	ering Infrastructure (Al	MI) Expansion				
Hillsborough County							FY2019			
Risk Level:	Type 1			Multi-Year C	ontract: No					
		Description								
Description:	This project	his project is for the purchase and installation of 2,000 meter registers as part of a pilot								
	. •	ogram on 1,400 homes in the Most Impacted Area located within the Hillsborough County								
		blic Supply Service Area.								
Measurable Benefit:				l be the implei	mentation of the prograi	m and the				
Costs:		n of a final reporect Cost: \$600,0								
300.01	-	illsborough County Share: \$300,000;								
	District Sh	istrict Share: \$300,000.								
			Evalua							
Application Quality:	High	Application inc	luded all the	required inforn	nation identified in the C	CFI guidelines.				
Project Benefit:	Low	The state of the s								
Cost Effectiveness:	Low									
Past Performance:		3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3								
Complementary Efforts:	-	The per capita for Hillsborough County is inbetween 75 and 125 gpcd.								
Project Readiness:	Medium	Project is ready to begin on or before March 1st of the fiscal year the funding is being								
		requested. Strategic Goals								
Strategic Goals:										
		Region Priori								
				Recommend	ation					
Low Priority, not	Project is				ite any water savings ar	nd the project is				
recommended for funding.	-	as infrastructure		-						
			Fund	ing						
Funding Source	Р	rior	FY20		Future	Total				
District		\$0		\$300,000	\$0	ł	\$300,000			
Hillsborough County		\$0		\$300,000	\$0		\$300,000			
Total		\$0		\$600,000	\$0)	\$600,000			

Project No. Q007	SW IMP - F	/ IMP - Flood Protection - Angus Valley							
Pasco County					FY2019				
Risk Level:	Type 3		Multi-Year	Contract:					
		Yes, Year 1 of 2							
		Description							
Description:	• •	•	•	nal Best Management Pra	` ,				
		olutions within the Angus Valley neighborhood. The BMPs consist of improvements to existing							
	-	nveyance systems discharging at Mangrove Drive, enlargement of the existing channel north							
		vest of Mangrove Drive, and enlargement of the existing channel conveyance along the ern boundary of the subdivision.							
Measurable Benefit:				struction of conveyance s	votom				
Wiedsurable Delient.				t area in accordance with t					
Costs:			,000 (design, permitting, a		arie permitted plans.				
		unty share \$2,		,					
				2019, and \$2,400,000 anti	icipated to be				
	requested	uested in future years.							
			Evaluation						
Application Quality:	Medium		·	ed information identified in	J				
	11111			rator to obtain remaining re					
Project Benefit:	Hign								
		the 100 year, 24-hour storm event. Structure and street flooding currently occurs in the							
Cost Effectiveness:	Low	project area and the project impacts the regional or intermediate drainage system. The Benefit/Cost ratio is less than 0.7. Benefits include avoided damages to structures							
GOOT EMOUTOMOSS.	LOW	and roads.	700t 1410 10 1000 than 0.7.	Deriento molado avoldos a	amageo to otraotareo				
Past Performance:	Medium	Based on an	assessment of the schedu	le and budget for the 12 o	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 rea	dy to begin on or before D	ecember 1, 2018.					
			Strategic Goals						
Strategic Goals:	Low	Strategic Ini	tiative: None						
		Region Prio	rity: None						
		Overal	I Ranking and Recomme	ndation					
Low Priority, not				use the Benefit/Cost ratio i	· · · · · · · · · · · · · · · · · · ·				
recommended for funding.				ive for funding through the	_				
	changes,	this project wil		w as it is over \$5,000,000	0.				
Funding Course		ui a u	Funding FY2019	Eutona	Total				
Funding Source Pasco County	<u>P</u>	rior \$0		Future \$2,400,000	Total \$2,550,000				
District		\$0 \$0	\$150,000						
Total		\$0 \$0	\$150,000						
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Project No. Q010	Conservat	Conservation- Tampa Advanced Metering Infrastructure Implementation							
City of Tampa		F							
Risk Level:	Type 1		Multi-Year	Contract: No					
		Description							
Description:		is project is for the purchase and installation of Automatic Meter Reading (AMR)/Automatic							
		eter Infrastructure (AMI) electronic meter interface units on each existing and new meter within							
Managed In Danielle			ment Public Supply Service		1.0				
Measurable Benefit:		actual Measura n of a final rep	able Benefit will be the imple	ementation of the prograr	m and the				
Costs:		ect Cost: \$10,0							
	-	npa Share: \$5							
	District Sh	Share: \$5,000,000.							
			Evaluation						
Application Quality:	High		led all the required informat	tion identified in the CFI g	juidelines.				
Project Benefit:	Low	Low or no resource benefit expected							
Cost Effectiveness:	Low	The Cooperator did not provide, and the District does does not anticipate, any water							
Doot Doufousson	Lliab	savings from the completion of the project.							
Past Performance: Complementary Efforts:	ū	Based upon an assessment of the schedule and budget for 9 ongoing projects.							
Project Readiness:			The per capita for the Cooperator is inbetween 75 and 125 gpcd. Project is ready to begin on or before March 1st of the fiscal year the funding is being						
r roject Readiness.	Wicdiaiii	requested.							
	Strategic Goals								
Strategic Goals:	Low	Strategic Ini	tiative: None						
		Overal	I Ranking and Recommen	dation					
Low Priority, not	Project is	ranked low as	the District does not anticip	ate any water conservati	on and the project				
recommended for funding.	is classifie	d as infrastruc	ture replacement.						
			Funding						
Funding Source	P	rior	FY2019	Future	Total				
District City of Tampa		\$0	. , .	\$0					
City of Tampa		\$0 \$0	\$5,000,000 \$10,000,000	\$0 \$0					
Total		\$0 \$10,000,000 \$0 \$10,000,000							

Project No. Q021	Reclaimed	eclaimed Water - Pasco Co. Cypress Preserve Phase 2 Grand Live Oak Reclaimed							
Pasco County	Water Tran	ter Transmission							
Risk Level:	Type 2	/pe 2 Multi-Year Contract: No							
			Description						
Description:		• • •	•	imed water transmission ma					
	_			ly 557 single family homes,	-				
			Grand Live Oak Blvd).	area in the Cypress Preserv	e Community (from				
Measurable Benefit:				the proposed FY2019 proje	ect.				
Costs:			000 (Construction)	· · ·					
		are: \$206,500							
	District sh	are; \$206,500	Freebooking						
Application Quality	Llimb	Evaluation High Application included all the required information identified in the CFI Guidelines.							
Application Quality:	_								
Project Benefit:	LOW	ow A project previously funded by the District (N837) is currently providing the same reclaimed water benefit to this community. No new project benefit is provided by the							
		proposed FY2019 project.							
Cost Effectiveness:	Low								
		the benefit was attributed under a previous project (N837).							
Past Performance:		Based on an assessment of the schedule and budget for the 12 ongoing projects.							
Complementary Efforts:	High		•	em includes metering and in					
			rate structures for high volume water users and has pro-active reclaimed water expansion policies which maximize utilization, water resource benefits, and						
			nvironmental benefits.						
Project Readiness:	High	Project is ready to begin on or before December 1, 2018.							
			Strategic Goals						
Strategic Goals:	Low	Strategic Ini	tiative: None						
		Region Prior	rity: None						
		Overal	I Ranking and Recomr	nendation					
Low Priority, not		•	additional measurable	enefit over what was previo	usly funded for this				
recommended for funding.	developm	ent.	Francisco.						
Funding Source	D	rior	Funding FY2019	Future	Total				
District		\$0							
Pasco County		\$0	\$206,5		· ' '				
Total		\$0	\$413,0						

Project No. Q033	Immediate	nmediate Maintenance - Plantation Palms							
Pasco County		FY2							
Risk Level:	Type 2			Multi-Year Co	ontract: No				
			Descri	ption					
	existing Pl Intermedia Cooperativ Plantation north. The Class I we threatenin Plantation	Construction of the restoration and stabilization of an approximately 900-foot segment of the existing Plantation Palms major drainage flow-way, under the "Immediate Maintenance of intermediate Level Systems" guidelines of the Southwest Florida Water Management District's Cooperative Funding Initiative guidelines. The Plantation Palms drainage ditch lies between the Plantation Palms residential community to the south, and the Lake Padgett Estates to the north. The ditch is approximately 5,010 feet long and flows from Collier Parkway into a large Class I wetland system east of the two developments. The side slope failure of the ditch is threatening private property as well as human life and safety in both Lake Padgett Estates and Plantation Palms.							
Measurable Benefit:		ne contractual Measurable Benefit will be the construction of slope stabilization within the							
Costs:	Total proje Pasco Co	Plantation Palms north drainage system, in accordance with the permitted plans. Total project cost \$2,051,190 (Construction) Pasco County share \$1,025,595 District \$1,025,595 with \$1,025,595 requested in FY2019.							
			Evalu						
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:	Low		tated resource street flooding		project since it does no	t address an existin	g		
Cost Effectiveness:	Low	Benefits are r	not associated	with avoided fl	ood damage to structur	es and roads.			
Past Performance:	Medium	Based on an	assessment o	f the schedule	and budget for the 12 o	ngoing projects.			
Complementary Efforts:	Medium	Cooperator's	Community R	ating System c	ass is 6 and is in the 6	to 9 range.			
Project Readiness:	High	Project is rea	dy to begin on	or before Dec	ember 1, 2018.				
			Strategi	c Goals					
Strategic Goals:	Low	Strategic Ini	tiative: None						
		Region Prio	rity: None						
		Overal	I Ranking and	d Recommend	ation				
Low Priority, not recommended for funding.	Funding G	Overall Ranking and Recommendation This project does not quality for Immediate Maintenance under the District's Cooperative Funding Guidelines because the slope failure does not pose a significant immediate flood risk to nabitable structure.							
			Func						
Funding Source	Р	rior	FY20		Future	Total			
Pasco County		\$0		\$1,025,595	\$0		1,025,595		
District		\$0		\$1,025,595	\$0		1,025,595		
Total		\$0		\$2,051,190	\$0	\$2	2,051,190		

New Port Richey Risk Level: Type 3 Multi-Year Contract: Yes, Year 1 of 2	FY2019						
Yes, Year 1 of 2							
L '							
Description							
Description: This project consists of the design, permitting and construction of a culvert under Grand							
Boulevard, just south of Homecrest Boulevard. This project will increase the capacity of the							
drainage system, which discharges to the Pithlachascotee River. The installation of the 48-i	nch						
pipe will improve drainage within the 372 acre drainage area and reduce flooding stages upstream of the pipe location. FY2019 funding will be utilized for design, permitting, and							
construction.							
Measurable Benefit: The contractual Measurable Benefit will be completion of design, permitting and construction	n of						
the proposed project to construct drainage conveyance system BMP's to reduce flooding in							
approximately 372 acres of highly urbanized basin, in accordance with the permitted plans.							
Costs: Total project cost \$116,500 (design, permitting, construction)							
New Port Richey share \$58,250							
District share \$58,250 with \$18,250 requested in FY2019, and \$40,000 anticipated to be requested in future years.							
Evaluation							
Application Quality: Low District PM/CM had to work with the cooperator to obtain required information ar	d						
cooperator was unable to provide required information.							
Project Benefit: Low There is no resource benefit associated with this project since it does not address							
	existing structural or street flooding problem. There is no structure or street flooding						
	currently in the project area and/or the project does not impact the regional or						
	intermediate drainage system. Costs are based on conceptual level information only, design has not started, or are						
·	high when compared to similar projects if information is available.						
Past Performance: High Based on an assessment of the schedule and budget for the 2 ongoing projects.							
Complementary Efforts: Medium Cooperator's Community Rating System (CRS) class is 6 and is in the 6 to 9 ran	ge.						
Project Readiness: High Project is ready to begin on or before December 1, 2018.							
Strategic Goals							
Strategic Goals: Low Strategic Initiative: None							
Region Priority: None							
Overall Ranking and Recommendation							
Low Priority, not The project does not provide a resource benefit since it does not address existing structure							
recommended for funding. street flooding. The District continue to work with City to identify benefits and coordinate with	n the						
County on regional solution to the existing flooding. Funding							
Funding Source Prior FY2019 Future Total							
District \$0 \$18,250 \$40,000	\$58,250						
New Port Richey \$0 \$18,250 \$40,000	\$58,250						
Total \$0 \$36,500 \$80,000	\$116,500						

