



Loxahatchee River Preservation Initiative

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Meeting Minutes

February 3, 2020, 12:00 p.m.

**Town of Jupiter Emergency Operations Center
3133 Washington Street
Jupiter, FL 33458**

I. Attendance

Refer to attached attendance sheet. (See Attachment 1)

II. Public Comment

- A. Anne Cox, Family Lands Remembered, commented on the success of LRPI for the Loxahatchee River and the work of Deb Drum and Palm Beach County Environmental Resources Management for the Lake Worth Lagoon initiative.
- B. Maria Marino, Palm Beach Gardens City Council, commented that she was recently appointed to the Loxahatchee River Management Coordinating Council.

III. Old / New Business

A. Old Business

- 1. Review and approval of the October 14, 2019 meeting minutes
A motion to approve the October 14, 2019 minutes was offered by Pat Magrogan and seconded by Deb Drum. Minutes were approved unanimously.

B. New Business

- 1. FY21 Legislative Request / House Appropriations Request Update
Deb Drum, PBC ERM, noted that all of the LRPI projects were included to some extent within the proposed budget of the House Natural Resources Appropriations Committee much to the thanks of MaryLynn Magar. Deb also shared additional positive highlights of this proposed budget. (See Attachment 2)

2. FY20/21 Voting Member / Selection of Officers

Pat Walker made a motion to postpone this item until the April 13, 2020 meeting due to lack of attendance today. Pat Magrogan seconded the motion, passed unanimously.

3. Agency Updates

None

4. Other Business

Deb Drum provided a brief summary of Palm Beach County's consideration of a \$150 million environmental bond referendum. (See Attachment 3)

David Brown, Town of Jupiter, gave an update on Inlet Village Stormwater Improvements. He noted that the Love Street developer has delayed completion of the Town's work. The private developer has reported expected conclusion of Love Street work to occur on February 14, 2020. Town would then require 90 days to conclude all remaining improvements.

Joe Chaison, Jupiter Inlet District, provided an update on two of the District's projects. The Mangrove Island Habitat Restoration project has been completed and a FDEP grant application package is currently being assembled. The Moonshine Creek Oxbow Restoration project is nearing completion.

Adjourn



SIGN-IN SHEET

Loxahatchee River Preservation Initiative

Town of Jupiter Emergency Operations Center
3133 Washington Street, Jupiter, FL 33458

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Agriculture & Natural Resources Appropriations Subcommittee

**Chair's Budget Proposal &
Proposed Water Project Funding
FY 2020- 2021**

Tuesday, January 28, 2020

**Jose R Oliva
Speaker**

**Holly Raschein
Chair**

Agriculture & Natural Resources Appropriations Subcommittee

	AGENCY		Chair's Proposed Fiscal Year 2020-21 Budget									
Row#	ISSUE CODE	ISSUE TITLE	FTE	RATE	REC GR	NR GR	LATF	NR LATF	OTHER TF	ALL FUNDS	COMMENTS	Row#
1	AGRICULTURE & CONSUMER SERVICES											1
2	1100001	Startup (OPERATING)	3,693.25	156,125,624	99,657,889		99,670,920		1,461,570,860	1,660,899,669		2
3	160F400	Continuation of 5% Transfer 20-08/EOG B7085 from Contracted Services to Operating Capital Outlay - Deduct			-		-		(148,000)	(148,000)	Technical issue realigning base budget.	3
4	160F410	Continuation of 5% Transfer 20-08/EOG B7085 from Contracted Services to Operating Capital Outlay - Add			-		-		148,000	148,000	Technical issue realigning base budget.	4
5	160P030	Program Component Technical Correction - Add	80.00	3,938,992	16,893,108		-		1,259,784,298	1,276,677,406	Technical issue realigning base budget.	5
6	160P040	Program Component Technical Correction - Deduct	(80.00)	(3,938,992)	(16,893,108)		-		(1,259,784,298)	(1,276,677,406)	Technical issue realigning base budget.	6
7	160S170	Funding Source Identifier (FSI) Adjustment - Add			5,296		-		1,381,251	1,386,547	Technical issue realigning base budget.	7
8	160S180	Funding Source Identifier (FSI) Adjustment - Deduct			(5,296)		-		(1,381,251)	(1,386,547)	Technical issue realigning base budget.	8
9	1700900	Transfer the Office of Energy to the Department of Environmental Protection - Deduct	(14.00)	(605,934)	(539,080)		-		(1,214,900)	(1,753,980)	Transfers the Office of Energy from DACS to DEP.	9
10	2002010	Realign Operating Budget - Deduct	(3.00)	(96,009)	(370,000)		-			(370,000)	Provides for the elimination of 3.0 FTE and the realignment of budget authority among various appropriation categories to meet the operating costs within the Division of Agricultural Law Enforcement.	10
11	2002020	Realign Operating Budget - Add			370,000		-			370,000	Provides for the elimination of 3.0 FTE and the realignment of budget authority among various appropriation categories to meet the operating costs within the Division of Agricultural Law Enforcement.	11
12	2401000	Replacement Equipment			-		-	3,296,405	3,296,405	6,592,810	Provides nonrecurring funds to replace equipment and to extend equipment life used on detection, prevention, support, mitigation and disaster response programs in wildland fire suppression.	12
13	2401500	Replacement of Motor Vehicles			-	1,296,004	-		2,627,999	3,924,003	Provides funding to replace motor vehicles that meet the Department of Management Services criteria for replacement.	13
14	2402400	Additional Equipment - Motor Vehicles			-	889,160	-			889,160	Provides nonrecurring funding for the acquisition of motor vehicles in the Division of Food Safety to reduce the number of employees who drive their personal vehicles to conduct food safety inspections. The Department of Management Services, pursuant to Chapter 287.16(1), Florida Statutes, has determined this would lead to an overall cost savings.	14
15	2503080	Direct Billing for Administrative Hearings			-		-		6,045	6,045	Adjusts the budget in the Transfer to the Division of Administrative Hearings (DOAH) appropriations category based upon the actual number of hearing hours reported for the previous fiscal year and adjusted based on the recommended budget for DOAH in FY 2020-21.	15
16	3005000	Additional Staff - Office of Agricultural Water Policy	8.00	409,728	-		674,568	281,024		955,592	Provides 8.00 FTE to the Office of Water Policy to assist in verification of implementation of appropriate water quality and water quantity Best Management Practices (BMPs).	16

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17	33B0730	Reduction In the Florida Agriculture Promotion Campaign Program In the Division of Marketing			(3,740,000)		-			(3,740,000)	Eliminates General Revenue funds for retail incentives, both domestic and worldwide, marketing, television advertising and promotion initiatives.	17
18	33N0001	Redirect Recurring Appropriations to Non-Recurring - Deduct			(884,909)		-			(884,909)	Reduces recurring appropriations. Funding restored as nonrecurring in issues 4900730 and 4904045.	18
19	33V0115	Eliminate the Fostering Success Pilot Program			(250,000)		-			(250,000)	Eliminates funding for the Fostering Success Pilot Program.	19
20	33V1600	Reduce Positions Vacant In Excess of 180 Days	(17.00)	(553,133)	(58,627)		-		(817,728)	(876,355)	Reduces 17.00 FTE and associated Salaries & Benefits based on positions that have been vacant for more than 180 days.	20
21	33V6540	Reduce Transfer to Institute of Food and Agricultural Sciences (IFAS) for Invasive Exotics Quarantine Facility			-		-		(540,000)	(540,000)	Reduces a transfer to Institute of Food and Agricultural Sciences (IFAS) for Invasive Exotics Quarantine Facility.	21
22	3300090	Reduce Expenses for Printing Services			-		-		(268,527)	(268,527)	Reduces funding for printing costs.	22
23	3300130	Eliminate Cattle Enhancement Board, Inc. - Beef Marketing and Research			(750,000)		-			(750,000)	Eliminates General Revenue funds for the Cattle Enhancement Board, Inc. - Beef Marketing and Research.	23
24	3300320	Eliminate State Agricultural Response Team			(300,000)		-			(300,000)	Eliminates funding for the State Agricultural Response Team to coordinate the state's response for animal, agricultural, and vector issues in Florida in case of an emergency or disaster situation.	24
25	3306000	Reduce Excess Budget Authority			-		-		(2,155,623)	(2,155,623)	Reduces funding throughout the department based on reversions.	25
26	34N0210	Fund Shift from General Revenue to General Inspection Trust Fund - Deduct			(1,000)		-			(1,000)	Technical issue realigning base budget.	26
27	34N0220	Fund Shift from General Revenue to General Inspection Trust Fund - Add			-		-		1,000	1,000	Technical issue realigning base budget.	27
28	3400030	Fund Shift - Energy from Federal Grants Trust Fund to General Revenue - Deduct	(5.00)	(336,146)	-		-		(491,868)	(491,868)	Technical issues to realign base budget funding sources.	28
29	3400040	Fund Shift - Energy from Federal Grants Trust Fund to General Revenue - Add	5.00	336,146	491,868		-			491,868	Technical issues to realign base budget funding sources.	29
30	3400810	Water Policy Salaries from General Revenue to Land Acquisition Trust Fund - Deduct			(157,093)		-			(157,093)	Technical issues to realign base budget funding sources.	30
31	3400820	Water Policy Salaries from General Revenue to Land Acquisition Trust Fund - Add			-		157,093			157,093	Technical issues to realign base budget funding sources.	31
32	3405070	Transfer General Inspection Trust Fund to Plant Industry Trust Fund - Add			-		-		28	28	Technical issue realigning base budget.	32
33	3405080	Transfer General Inspection Trust Fund to Plant Industry Trust Fund - Deduct			-		-		(28)	(28)	Technical issue realigning base budget.	33
34	36250C0	Enterprise Data Communications			-		-		160,000	160,000	Provides recurring funding to implement data communication network capacity upgrades.	34
35	36260C0	Enterprise Regulatory Life-Cycle Management System for Department Regulatory Services			-		-		2,000,000	2,000,000	Provides nonrecurring funding to complete and implement the Agricultural and Consumer Services System (AgCSS).	35

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36	4900110	Hurricane Block Grant			-		-		2,677,053	2,677,053	Provides spending authority for federal grant funds to perform timber assessments for distribution to eligible producers that suffered financial losses associated with Hurricane Michael. The Florida Division of Emergency Management will provide the distribution of funds.	36
37	4900150	Laurel Wilt Survey and Mitigation Program			-	150,000	-			150,000	Provides funds for voluntary testing of avocado trees for laurel wilt and the destruction of infected trees (HB 3269).	37
38	4900180	Federal Grants			-		-		1,371,505	1,371,505	Provides spending authority for federal grant funds to support Agricultural BMPs, forestry and enhancement of Florida's Aquaculture Program.	38
39	4900210	Giant African Land Snail Eradication Program			-		-		1,319,917	1,319,917	Provides nonrecurring funding to continue the Giant African Land Snail Eradication program.	39
40	4900450	Disaster Recovery and Relief			-		-		6,627,338	6,627,338	Provides spending authority for federal grant funds to support forestry as a result of damages received from Hurricanes Michael and Florence.	40
41	4900705	The Jewish Federation of Sarasota- Manatee Sustainable Space Garden			-	100,000	-			100,000	Provides nonrecurring funding for the Jewish Federation of Sarasota-Manatee for a sustainable food garden (HB 2095).	41
42	4900710	CROS Ministries - Gleaning Fruits and Vegetables			-	100,000	-			100,000	Provides nonrecurring funding for CROS Ministries for the distribution of fresh produce recovered from local farms (HB 2587).	42
43	4900715	North Miami Food Pantry			-	100,000	-			100,000	Provides nonrecurring funding for implementation of a food pantry for North Miami residents (HB 3437).	43
44	4900720	Agricultural Plastic Recycling Market Development Initiative			-	250,000	-			250,000	Provides nonrecurring funding for agricultural plastic recycling (HB 4109).	44
45	4900730	Farm Share Program			-	1,250,000	-			1,250,000	Provides nonrecurring funding for the acquisition, storage and distribution of food and grocery products to needy people throughout the state (HB 2317).	45
46	4901065	Transfer General Revenue Funding to Agricultural Emergency Eradication Trust Fund			-	13,500,000	-			13,500,000	Transfers General Revenue funds to the Agricultural Emergency Eradication Trust Fund pursuant to s. 570.1912, F.S.	46
47	4901130	Citrus Crop Decline Supplemental Funding			-	1,000,000	-			1,000,000	Provides nonrecurring funding to supplement the inspection program, the Florida Agricultural Statistics Service and the Citrus Budwood program as a result of citrus greening and subsequent decreasing revenue.	47
48	4901900	Office of Agricultural Water Policy Agricultural Water Supply Planning and Conservation Program			-		-	1,500,000		1,500,000	Provides nonrecurring funding for agricultural water supply planning and conservation, cost-shared programs for irrigation system conversions and retrofits, and continued collaboration with water management districts and the USDA for funding to operate a statewide network of Mobile Irrigation Laboratories.	48

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49	4904045	Feeding Florida			-	1,250,000	-			1,250,000	Provides nonrecurring funding to Feeding Florida for the acquisition, storage and distribution of food and grocery products to needy people throughout the state (HB 2799).	49
50	4906500	Citrus Research and Field Trials			-		-		4,923,743	4,923,743	Provides spending authority for federal grant funds for the Citrus Research and Field Trails (CRAFT) project. Funds will be used for the implementation of applied management practices.	50
51	4906600	Citrus Health Response Program			-		-		7,368,809	7,368,809	Continues nonrecurring funding to protect the Florida citrus industry from citrus canker, greening and other exotic diseases, including funds for surveying for citrus greening.	51
52	4906700	Emergency Food Distribution Program			-		-		6,257,914	6,257,914	Provides spending authority for federal grant funds for emergency food distribution programs.	52
53	4908710	Citrus Research			-		-		8,000,000	8,000,000	Provides nonrecurring funding to conduct citrus research and curb the attrition rate of citrus trees as a result of citrus greening (HLB) disease.	53
54	54R0010	Casualty Insurance Premium Readjustment				34,442	(14,506)		(13,988)	5,948	Realignment of the Risk Management base budget.	54
55	54R0020	Casualty Insurance Premium Distribution Modification				176,824	8,503		79,577	264,904	Adjustment of the Risk Management category to align to estimated premiums.	55
56	6207100	Miami International Agriculture, Horse and Cattle Show			-	98,000	-			98,000	Provides nonrecurring funding for promotional activities at the 2021 Miami International Agriculture, Horse and Cattle Show (HB 3669).	56
57	990C000	Code Corrections			-		-			-		57
58	083715	Code/Life Safety State Farmers' Markets-Statewide			-	180,000	-			180,000	Provides nonrecurring funding to address code compliance and life safety issues at the state farmers' markets.	58
59	990E000	Environmental Projects			-		-			-		59
60	083621	Lake Okeechobee Agricultural Projects			-		-	5,000,000		5,000,000	Provides nonrecurring funding for agricultural nutrient reduction and water retention projects at the basin, subbasin and farm levels in the Lake Okeechobee Watershed.	60
61	990M000	Maintenance and Repair			-		-			-		61
62	083622	Roads,Bridges/Maintenance			-		-	4,918,435		4,918,435	Provides nonrecurring funding to repair unimproved roads in the state forests, including the replacement of bridges, culverts and low-water crossings.	62
63	083643	Maintenance/Repairs/Construction-Statewide			-		-	3,755,000		3,755,000	Provides nonrecurring funding for maintenance and repairs to state owned facilities; and facilities and structures that serve wildland fire protection, state forest land management and emergency response activities.	63
64	990S000	Special Purpose			-		-			-		64
65	083607	Shaw Building Winterhaven			-		-		250,000	250,000	Provides nonrecurring funding for the design and specifications for the replacement of the Shaw Building in Winterhaven.	65

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66	145448	Florida Horse Park			-	200,000	-			200,000	Provides nonrecurring funding for the Florida Horse Park for infrastructure improvements (HB 3195).	66
67	145550	Agricultural Promotion/Education Facilities			-	400,000	-			400,000	Provides nonrecurring funding for Arcadia Rodeo Multi-Function Facility (HB 3217) and for the Martin County Fair Association Agriplex and Fairgrounds (HB 2175).	67
68	AGRICULTURE & CONSUMER SERVICES		3,667.25	155,280,276	93,680,314	20,763,164	100,496,578	18,750,864	1,503,035,531	1,736,726,451		68
69												69
70	CITRUS											70
71	1100001	Startup (OPERATING)	38.00	3,165,563	1,585,550		-		21,402,873	22,988,423		71
72	33V1600	Reduce Positions Vacant In Excess of 180 Days	(11.00)	(451,792)	-		-		(680,826)	(680,826)	Reduces 11.00 FTE and associated Salaries & Benefits based on positions that have been vacant for more than 180 days.	72
73	3300200	Eliminate "Florida Forward" Marketing Program			(935,550)		-			(935,550)	Eliminates General Revenue funding for the "Florida Forward" Marketing Program.	73
74	3300300	Eliminate New Citrus Variety Development Program			(650,000)		-			(650,000)	Eliminates funding for the development of new citrus varieties.	74
75	54R0010	Casualty Insurance Premium Readjustment			-		-		1,601	1,601	Realignment of the Risk Management base budget.	75
76	54R0020	Casualty Insurance Premium Distribution Modification			-		-		(967)	(967)	Adjustment of the Risk Management category to align to estimated premiums.	76
77	CITRUS		27.00	2,713,771	-	-	-	-	20,722,681	20,722,681		77
78												78
79	ENVIRONMENTAL PROTECTION											79
80	1100001	Startup (OPERATING)	2,907.50	134,775,819	12,127,728		121,616,784		259,999,785	393,744,297		80
81	1100002	Startup Recurring Fixed Capital Outlay (DEBT SERVICE/OTHER)			1,701,131		372,651,063		9,452,008	383,804,202		81
82	1700910	Transfer Office of Energy from Department of Agriculture and Consumer Services to Department of Environmental Protection - Add	14.00	605,934	539,080		-		1,214,900	1,753,980	Transfers the Office of Energy from DACS to DEP.	82
83	1804320	Transfer Position and Funding from Office of Emergency Response to Environmental Law Enforcement - Deduct	(1.00)	(100,001)	-		-		(135,329)	(135,329)	Transfers 1.00 FTE from the Office of Emergency Response to the Division of Law Enforcement.	83
84	1804330	Transfer Position and Funding from Office of Emergency Response to Environmental Law Enforcement - Add	1.00	100,001	-		-		135,329	135,329	Transfers 1.00 FTE from the Office of Emergency Response to the Division of Law Enforcement.	84
85	18087C0	Realign Applications Between Programs - Add			-		-		197,320	197,320	Transfers funding for the Florida State Owned Lands and Records Information System (SOLARIS) from the Office of Technology and Information Services to the Division of State Lands.	85
86	18088C0	Realign Applications Between Programs - Deduct			-		-		(197,320)	(197,320)	Transfers funding for the Florida State Owned Lands and Records Information System (SOLARIS) from the Office of Technology and Information Services to the Division of State Lands.	86

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87	2000320	Realign Positions Between Budget Entities - Deduct	(6.00)	(59,100)	-		-		(150,000)	(150,000)	Transfers 6.00 FTE from Executive Direction & Support Services: 3.00 to the Division of Water Resources & Assessment and 3.00 to the Division of Environmental Assessment & Restoration.	87
88	2000330	Realign Positions Between Budget Entities - Add	6.00	59,100	-		-		150,000	150,000	Transfers 6.00 FTE from Executive Direction & Support Services: 3.00 to the Division of Water Resources & Assessment and 3.00 to the Division of Environmental Assessment & Restoration.	88
89	2000710	Realign Rent - Deduct			-		-		(54,409)	(54,409)	Realigns Expense funding throughout the Department based on occupancy in DEP leased space.	89
90	2000720	Realign Rent - Add			-		-		54,409	54,409	Realigns Expense funding throughout the Department based on occupancy in DEP leased space.	90
91	20030C0	Realign Budget for Cloud Ready Applications - Technology and Information Services - Deduct			-		-		(150,002)	(150,002)	Transfers funding from the DP Assessment (DMS) category to the Expenses category to allow for the migration of nine servers to cloud-based providers.	91
92	20035C0	Realign Budget for Cloud Ready Applications - Technology and Information Services - Add			-		-		150,002	150,002	Transfers funding from the DP Assessment (DMS) category to the Expenses category to allow for the migration of nine servers to cloud-based providers.	92
93	2400450	Replacement of Vessels			-		-	304,500	78,000	382,500	Provides funding to replace boats, motors, and trailers that meet the Department of Management Services criteria for replacement.	93
94	2401500	Replacement of Motor Vehicles			-		-	236,000	2,940,623	3,176,623	Provides funding to replace motor vehicles that meet the Department of Management Services criteria for replacement.	94
95	2503080	Direct Billing for Administrative Hearings			-		-		(12,873)	(12,873)	Adjusts the budget in the Transfer to the Division of Administrative Hearings (DOAH) appropriations category based upon the actual number of hearing hours reported for the previous fiscal year and adjusted based on the recommended budget for DOAH in FY 2020-21.	95
96	3000130	Grant Management - Water Restoration Assistance	3.00	129,912	-		-		213,252	213,252	Provides 3.00 FTE to the Division of Water Restoration Assistance to assist in managing the Division's workload to help local governments implement water quality improvement projects funded by grant and loan programs.	96
97	3000140	Water Infrastructure Improvements - Water Resource Management			-		-		1,752,000	1,752,000	Provides federal spending authority in Water Resource Management for a new federal grant program that will assist schools in the testing for lead in drinking water.	97
98	3000310	Laboratory Services - Environmental Assessment and Restoration	5.00	262,034	-		-		450,000	450,000	Provides 5.00 FTE in the Division of Environmental Assessment & Restoration for increased workload for water quality testing and reporting.	98

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99	33A0050	Reduce Oceanographic Research and Conservation Association (ORCA) Kilroy Monitoring			-		(250,000)			(250,000)	Reduces funding for a recurring appropriations project for Oceanographic Research and Conservation Association (ORCA) Kilroy Monitoring.	99
100	33A0060	Reduce Indian River Lagoon and Lake Okeechobee Basin Operations			-		(350,000)			(350,000)	Reduces funding for a recurring appropriations project for Indian River Lagoon and Lake Okeechobee Basin Operations.	100
101	33V1600	Reduce Positions Vacant In Excess of 180 Days	(10.00)	(388,177)	-		(122,222)		(466,484)	(588,706)	Reduces 10.00 FTE and associated Salaries & Benefits based on positions that have been vacant for more than 180 days.	101
102	3302590	Reduce Submerged and Uplands Public Revenue System (SUPRS) Technology Refresh - State Lands			-		-		(97,122)	(97,122)	Reduces funding based on the actual need for the Submerged and Uplands Public Revenue System.	102
103	3302830	Eliminate Funding for Lakewatch			-		-		(500,000)	(500,000)	Schedule VIIIB-2 issue that eliminates funding for the Lakewatch program in Environmental Assessment and Restoration.	103
104	3400880	Fund Shift to Administrative Trust Fund from Inland Protection Trust Fund - Add			-		-		41,926	41,926	Transfers funding from the Inland Protection Trust Fund to the Administrative Trust Fund for litigation expenses.	104
105	3400890	Fund Shift from Inland Protection to Administrative Trust Fund - Deduct			-		-		(41,926)	(41,926)	Transfers funding from the Inland Protection Trust Fund to the Administrative Trust Fund for litigation expenses.	105
106	36104C0	Geographic Information System Enterprise Portal			-		-		129,909	129,909	Provides funding to establish and maintain an Enterprise Portal for ArcGIS in the cloud.	106
107	36309C0	State Revolving Fund System - Water Restoration Assistance			-		-		650,000	650,000	Provides federal spending authority to update/replace the current State Revolving Fund System.	107
108	4100150	Florida Resilient Coastline Initiative (FRCI)			2,900,000		-			2,900,000	Provides funding for the Florida Resilient Coastline Initiative.	108
109	4100170	Loggerhead Marinelife Center Improving Water Quality & Coastline Cleanliness In Palm Beach County			-	200,000	-			200,000	Provides funding for Loggerhead Marinelife Center Improving Water Quality & Coastline Cleanliness (HB 2573).	109
110	4100180	Longboat Key Assessment of Sea Level Rise and Recurring Storm Flooding			-	142,000	-			142,000	Provides funding for the Longboat Key Assessment of Sea Level Rise and Recurring Storm Flooding Phase 3 and 4 (HB 3827).	110
111	4100190	Conservation Florida			-	250,000	-			250,000	Provides funding for Conservation Florida (HB 4993).	111
112	4100220	Coastal Mitigation and Sand Retention Pilot			-	200,000	-			200,000	Provides funding for the Coastal Mitigation and Sand Retention Pilot (HB 9251).	112
113	4405050	Oceanographic Research and Conservation Association (ORCA) Kilroy Monitoring			-	325,000	-			325,000	Provides funding for the Ocean Research and Conservation Association Water Quality Monitoring Systems - Kilroy Network Expansion (HB 4057).	113
114	4500060	Monroe County Reef Protection			-	325,000	-			325,000	Provides funding for the Monroe County Mobile Vessel Pumpout Program (HB 2813).	114
115	4500440	Water Quality Improvements			-	10,800,000	-			10,800,000	Provides funding for increased water quality monitoring, support for the Blue Green Algae Task Force, and the water quality information portal.	115

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	AGENCY		Chair's Proposed Fiscal Year 2020-21 Budget									
Row#	ISSUE CODE	ISSUE TITLE	FTE	RATE	REC GR	NR GR	LATF	NR LATF	OTHER TF	ALL FUNDS	COMMENTS	Row#
116	4500450	Recycling Education Outreach - Division of Waste Management			-		-		400,000	400,000	Provides funding to update and enhance the outdated K-12 recycling education curriculum.	116
117	4500460	WaterReuse Florida Recycled Water for Potable Purposes Education Campaign			-	150,000	-			150,000	Provides funding for the WaterReuse Florida Recycled Water for Potable Purposes Education Campaign (HB 2547).	117
118	4500470	Key Biscayne Sargassum Removal			-	200,000	-			200,000	Provides funding for Key Biscayne Sargassum Removal (HB 3889).	118
119	4500480	Miami-Dade County Seaweed Removal			-	200,000	-			200,000	Provides funding for Miami-Dade County Seaweed Removal (HB 2913).	119
120	4500490	Monroe County Seagrass Restoration Project			-	350,000	-			350,000	Provides funding for the Monroe County Seagrass Restoration Project (HB 3111).	120
121	4500500	White Springs Water Treatment and Distribution			-	150,000	-			150,000	Provides funding for an assessment of White Springs Water Treatment & Distribution (HB 4105).	121
122	4500510	Statewide Sea Level Tracking Program			-	3,000,000	-			3,000,000	Provides funding for the Statewide Sea Level Tracking Program (HB 4999). DEP will transfer funds to Florida International University for land subsidence research.	122
123	5300460	Tide Station Recovery and Maintenance - State Lands			-		-		850,000	850,000	Provides funding for the recovery, re-installation and continuous maintenance of new and existing tide stations and benchmarks for the Division of State Lands.	123
124	54R0010	Casualty Insurance Premium Readjustment			-		242,141		169,065	411,206	Realignment of the Risk Management base budget.	124
125	54R0020	Casualty Insurance Premium Distribution Modification			-		(142,769)		(117,932)	(260,701)	Adjustment of the Risk Management category to align to estimated premiums.	125
126	5700430	Geologic Mapping - Florida Geological Survey	2.00	87,016	-		-		171,920	171,920	Provides funding to complete an updated statewide surficial geologic map by 2025 in the Florida Geological Survey.	126
127	6500700	Lake Talquin Water Control Structure			-		340,000	60,000		400,000	Provides funding for the operation of the Lake Talquin Dam by DEP. The department will assume management in September 2020.	127
128	6500800	Increase Funding for Other Personal Services			-		-		875,000	875,000	Provides funding in Other Personal Services to meet workload demands for park and trail operations in State Park Operations.	128
129	990D000	Debt Service			-		-			-		129
130	089070	Debt Service			-		(1,924)			(1,924)	Reduces recurring funding for Florida Forever bonds based on the debt service payments due in FY 2020-21.	130
131	089080	Debt Service-Save Our Everglades			-		(613,578)			(613,578)	Reduces recurring funding for Save Our Everglades bonds based on the debt service payments due in FY 2020-21.	131
132	089270	Debt Service			-		-		(125,855)	(125,855)	Reduces recurring funding for Inland Protection bonds based on the debt service payments due in FY 2020-21.	132

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Row#	ISSUE CODE	ISSUE TITLE	FTE	RATE	REC GR	NR GR	LATF	NR LATF	OTHER TF	ALL FUNDS	COMMENTS	Row#
133	990E000	Environmental Projects			-		-			-		133
134	080083	Volkswagen Settlement			-		-		67,500,000	67,500,000	Provides funding for projects that mitigate the environmental and air quality impacts from Volkswagen vehicles sold in the state.	134
135	080524	Dry Cleaning/Site Cleanup			-		-		8,500,000	8,500,000	Provides funding for the remediation of eligible dry cleaning solvent contaminated sites.	135
136	082474	Cleanup of State/Lands			-		-		10,000,000	10,000,000	Provides funding for assessment and remediation activities on state-owned contaminated sites.	136
137	086000	Waste Tire Abatement			-		-		500,000	500,000	Provides funding for grants to counties for waste tires requiring final disposal.	137
138	087127	NRDR/Final - Deepwater Horizon			-		-		20,239,815	20,239,815	Provides funding for natural resource restoration efforts in the marine and coastal environments that were impacted by the Deepwater Horizon oil spill.	138
139	087777	Landfill Closures			-		-		2,000,000	2,000,000	Provide spending authority for the closure and long-term care activities at abandoned or closed solid waste management facilities.	139
140	087889	Petroleum Tanks Cleanup			-		-		115,000,000	115,000,000	Provides funding for contracts with private remediation cleanup and support contractors for sites contaminated by discharges of petroleum from storage systems.	140
141	087945	Habitat Restoration			-		-	1,500,000		1,500,000	Provides funding for habitat restoration on state-owned lands.	141
142	088502	Hazardous Waste/Site Cleanup			-		-		6,500,000	6,500,000	Provides funding for multi-year cleanup projects at abandoned sites or sites where responsible parties are insolvent, which are contaminated by a variety of hazardous substances.	142
143	088964	Total Maximum Daily Loads			-	10,000,000	-	40,000,000		50,000,000	Provides funding to complete and accelerate water quality projects to achieve scientific water quality restoration goals.	143
144	140047	G/A-Water Projects			-	29,202,907	-			29,202,907	Provides funding for various stormwater, wastewater and water supply projects in local communities (Various HBs).	144
145	140063	G/A - Florida Resilient Coastline			-	500,000	-			500,000	Provides funding for capital projects which address local sea level rise and/or coastal flooding and provide examples for other vulnerable coastal communities statewide.	145
146	140076	G/A-Nonpoint Source Management Planning			-		-	5,000,000	14,000,000	19,000,000	Provides funding for non-point source management planning, including water science and laboratory services and grants to local governments, water management districts, non-profit entities and other state agencies to perform outreach, sampling, and research projects.	146

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Row#	ISSUE CODE	ISSUE TITLE	FTE	RATE	REC GR	NR GR	LATF	NR LATF	OTHER TF	ALL FUNDS	COMMENTS	Row#
147	140122	Clean Marina			-		-		1,000,000	1,000,000	Provides funding for the Clean Marina/Clean Vessel programs as pass-through (reimbursement) grants for the purchase, installation, operation, maintenance, and repair of sewage pump-out equipment at marine and fresh water facilities.	147
148	140126	Beach Projects - Statewide			-		9,814,930			9,814,930	Provides funding for financial assistance to local and state governments and special taxing authorities for beach and dune restoration, beach nourishment, inlet sand bypassing, regional sediment management and innovative projects, pursuant to chapter 161, F.S.	148
149	140129	Drink Water Facilities Construction State Revolving Loan			-	10,318,200	-		120,357,928	130,676,128	Provides funding for low interest loans to local governments and certain other utilities for construction of drinking water systems, including treatment, storage and distribution facilities.	149
150	140131	Wastewater Treat Facilities Construction State Revolving Loan			-	11,890,800	-		216,693,013	228,583,813	Provides funding for low interest loans to local governments for the construction of wastewater treatment and stormwater management systems, including collection and transmission sewers, reclaimed water (reuse) systems, and a variety of other facilities and activities.	150
151	140134	Solid Waste Management			-		-		3,000,000	3,000,000	Provides funding for grants to counties for activities related to litter prevention and control, solid waste management services, recycling, and for reducing the volume of municipal solid waste.	151
152	140895	G/A-Innovative Technologies			-	10,000,000	-			10,000,000	Provides funding for innovative technologies and short-term solutions to address harmful algal blooms and nutrient enrichment of Florida waters.	152
153	141115	G/A-Florida Keys Area of Critical State Concern			-		-	6,000,000		6,000,000	Provides funding for water quality improvement projects in the Florida Keys Area of Critical State Concern.	153
154	141117	Everglades Restoration			-		-	168,248,776	2,319,606	170,568,382	Provides funding for the Comprehensive Everglades Restoration Plan and the Everglades Agricultural Area Reservoir.	154
155	141118	Northern Everglades/Estuaries Protection			-		-	17,167,007		17,167,007	Provides funding for the Northern Everglades and Estuaries Protection Program.	155
156	141132	G/A-Reef Protection/Tire Abatement			-		-		2,500,000	2,500,000	Provides funding for reef protection and tire abatement.	156
157	141138	G/A - Alternative Water Supply			-	38,200,000	-		1,800,000	40,000,000	Provides funding for an alternative water supply grant program.	157
158	143266	Pollution Restoration Grants & Aids			-		-		150,000	150,000	Provides funding for a portion of the design and construction costs of the City of Cape Coral's Caloosahatchee River Crossing Reclaimed Water Transmission Main Project.	158
159	143276	Small County Wastewater Treatment Grants			-		-		13,000,000	13,000,000	Provides funding for grants to small, disadvantaged communities to build wastewater systems.	159

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Row#	ISSUE CODE	ISSUE TITLE	FTE	RATE	REC GR	NR GR	LATF	NR LATF	OTHER TF	ALL FUNDS	COMMENTS	Row#
160	143277	G/A-Small & Disadvantaged Communities Water Infrastructure Improvements			-	754,650	-		1,677,000	2,431,650	Provides federal spending authority to support drinking water projects and activities in small and disadvantaged communities that are unable to finance projects to comply with drinking water regulations under the Safe Drinking Water Act.	160
161	149935	G/A-Water Quality Improvements			-	122,000,000	-			122,000,000	Provides funding for up to 50% state match for grants to local governments for wastewater and stormwater improvements, including septic conversion and remediation.	161
162	990G000	Grants and Aids - Fixed Capital Outlay			-		-			-		162
163	140001	Federal Land/Water Conservation/Grants			-		-		3,000,000	3,000,000	Provides funding to administer pass through grants to local governments and non-profit organizations for recreational opportunities through the construction of facilities such as playgrounds and ball fields.	163
164	140061	Florida Coastal Zone Management Program			-		-		832,000	832,000	Provides spending authority for federal grant funds to support the Florida Coastal Management Program for Beach Access and Beach Safety Program, outreach/education and training, Coastal Partnership Initiative, and state agency projects.	164
165	140127	G/A-Madeira Beach Groin Replacement			-	250,000	-			250,000	Provides funding for the Madeira Beach - Beach Groin Replacement (HB 2611).	165
166	140185	National Recreational Trail Grants			-		-		3,000,000	3,000,000	Provides spending authority for pass through grants to local governments for constructing recreational trail facilities.	166
167	140694	Local Parks			-	4,425,000	-			4,425,000	Provides funding for local park projects (various HBs).	167
168	146556	US Department of Energy/Projects			-		-		850,000	850,000	Provides nonrecurring spending authority for US Department of Energy Grants.	168
169	990L000	Land Acquisition			-		-			-		169
170	084108	Land Acquisition - Florida Forever			-		-	20,000,000		20,000,000	Provides funding for land acquisition through the Florida Forever Program.	170
171	990M000	Maintenance and Repair			-		-			-		171
172	080039	State Park Facility Improvements			-		-	23,000,000	14,000,000	37,000,000	Provides funding for making repairs and renovations to state park facilities.	172
173	083643	Maintenance/Repairs/Construction-Statewide			-		-	900,000		900,000	Provides funding for maintenance and construction projects for coastal and aquatic managed areas.	173
174	087937	Partnership/Parks/State Match			-		-		250,000	250,000	Provides funding for the state match for citizen support organization projects.	174
175	088130	Remove Access Barriers-Statewide			-		-		4,000,000	4,000,000	Provides funding to comply with Americans with Disabilities Act in state parks.	175
176	088137	Grants & Donations Spending Authority			-		-		2,000,000	2,000,000	Provides spending authority to allow the Division of Recreation and Parks to expend grant revenues.	176
177	ENVIRONMENTAL PROTECTION		2,921.50	135,472,538	17,267,939	253,833,557	503,184,425	282,416,283	912,695,558	1,969,397,762		177
178												178

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179	FISH & WILDLIFE CONSERVATION COMMISSION											179
180	1100001	Startup (OPERATING)	2,112.50	104,674,527	38,067,637		100,881,295		205,431,771	344,380,703		180
181	2401500	Replacement of Motor Vehicles				-		-	859,020	859,020	Provides funding to replace motor vehicles that meet the Department of Management Services criteria for replacement.	181
182	2401510	Replacement Equipment - Heavy Duty Motor Vehicles				-		-	715,000	715,000	Provides funding to replace 6 heavy equipment trucks: 4 dump trucks, 1 transport truck, and 1 wildland fire engine.	182
183	2401520	Replacement Equipment - Utility Vehicles				-		-	11,569	11,569	Provides funding to replace 1 utility terrain vehicle in the Fish & Wildlife Research Institute.	183
184	2402400	Additional Equipment - Motor Vehicles				-		-	25,000	25,000	Provides federal spending authority to purchase 1 new vehicle using funds from a federal grant.	184
185	2402500	Replacement Equipment - Boats, Motors, and Trailers				-	2,500,000	-	191,511	2,691,511	Provides funding to replace boats, motors, and trailers that meet the Department of Management Services criteria for replacement.	185
186	2403000	Replacement of Patrol Vehicles				-	1,500,000	-		1,500,000	Provides funding to replace law enforcement vehicles that meet the Department of Management Services criteria for replacement.	186
187	2503080	Direct Billing for Administrative Hearings				-		-	(72,710)	(72,710)	Adjusts the budget in the Transfer to the Division of Administrative Hearings (DOAH) appropriations category based upon the actual number of hearing hours reported for the previous fiscal year and adjusted based on the recommended budget for DOAH in FY 2020-21.	187
188	33A0030	Reduce Smithsonian Marine Station Outreach and Education				-		-	(60,000)	(60,000)	Reduces funding for a recurring appropriations project for the Smithsonian Maine Station outreach and education.	188
189	33A0040	Reduce the Smithsonian Marine Station Research Lab				-		-	(93,600)	(93,600)	Reduces funding for a recurring appropriations project for the Smithsonian Maine Station Research Lab.	189
190	33V0030	Reduce Transfer to Department of Agriculture/Institute of Food and Agriculture Services (IFAS) for Invasive Exotic Plant Research				-		-	(633,128)	(633,128)	Reduces funding for the transfer to DACS for IFAS invasive exotic plant research.	190
191	33V0120	Eliminate the Fostering Success Pilot Program				(100,000)		-		(100,000)	Eliminates funding for the Fostering Success Pilot Program.	191
192	33V1600	Reduce Positions Vacant In Excess of 180 Days	(10.50)	(357,589)		-		(248,234)	(310,569)	(558,803)	Reduces 10.50 FTE and associated Salaries & Benefits based on positions that have been vacant for more than 180 days.	192
193	3400520	Fund Shift for Minimal Appropriations - Deduct				-		-	(1,826)	(1,826)	Realigns funding to the correct trust fund that was remaining from a prior year fund shift.	193
194	3400530	Fund Shift for Minimal Appropriations - Add				-		-	1,826	1,826	Realigns funding to the correct trust fund that was remaining from a prior year fund shift.	194

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195	3401100	Fund Shift Salaries from Florida Panther Research and Management Trust Fund to Non-Game Wildlife Trust Fund - Deduct			-		-		(26,993)	(26,993)	Realigns funding in Salaries & Benefits to reflect the actual expenditures.	195
196	3401200	Fund Shift Salaries from Florida Panther Research and Management Trust Fund to Non-Game Wildlife Trust Fund - Add Back			-		-		26,993	26,993	Realigns funding in Salaries & Benefits to reflect the actual expenditures.	196
197	36208C0	Cloud Computing Solutions			-		-		220,400	220,400	Provides funding for high-speed data circuit services to utilize cloud providers.	197
198	36209C0	Network Bandwidth Increase			-		-		474,411	474,411	Provides funding for network bandwidth increases to have sufficient bandwidth to access cloud applications.	198
199	4400410	Seminole County Discounted Bear-Resistant Refuse Containers			-	50,000	-			50,000	Provides funding for Seminole County Discounted Bear-Resistant Refuse Containers (HB 2367).	199
200	4400530	Expanding Mechanical Control Technology for Invasive Plant Management			-		-		4,000,000	4,000,000	Provides funding for invasive plant management to expand the use of mechanical control.	200
201	4400540	Parkland Exotic Invasive Tree Removal			-	100,000	-			100,000	Provides funding for Parkland Exotic Invasive Tree Removal (HB 2123).	201
202	4400550	Hurricane Irma Marine Debris Removal			-		-		1,026,000	1,026,000	Provides spending authority for a federal grant for post Hurricane Irma Debris Removal and Mapping in Florida grant.	202
203	4400560	Hurricane Irma Marine Fisheries Disaster Recovery			-		-		8,391,011	8,391,011	Provides spending authority for a federal grant to address marine fisheries impacts from Hurricane Irma.	203
204	4400580	St. Lucie County Treasure Coast International Airport Scrub-Jay Habitat			-	150,000	-			150,000	Provides funding for St. Lucie County Treasure Coast International Airport (TCIA) Scrub-Jay Habitat (HB 2253).	204
205	4400590	Restoring Central Florida 's Urban Wetland Corridor			-	98,000	-			98,000	Provides funding for Restoring Central Florida's Urban Wetland Corridor (HB 2265).	205
206	4400610	Unmanned Aerial Vehicle Near Infrared Python Detection Camera			-	400,000	-			400,000	Provides funding for the Unmanned Aerial Vehicle (UAV) Near Infrared Python Detection Camera (HB 3863).	206
207	4400800	Coral Reef Disease Response and Restoration			-		-		820,000	820,000	Provides spending authority for a federal grant for post Hurricane Irma Debris Removal and Mapping in Florida grant.	207
208	4402310	Enhanced Wildlife Disease Response			-		-		350,000	350,000	Provides spending authority for a federal grant to address marine fisheries impacts from Hurricane Irma.	208
209	4403300	Chronic Wasting Disease Surveillance			-		-		266,000	266,000	Provides funding for increased surveillance and monitoring of Chronic Wasting Disease in white-tailed deer.	209
210	4404290	Non-Native and Conflict Species Management			-	600,000	-		561,000	1,161,000	Provides funding for lionfish research and removal and programs that help reduce conflicts with alligators and crocodiles.	210
211	5000900	Support Gulf of Mexico and South Atlantic Fishery Management Council Funding			-		-		103,750	103,750	Provides funding for reimbursable costs for FWC work on federal fishery councils.	211
212	54R0010	Casualty Insurance Premium Readjustment			-		-		(195,052)	(195,052)	Realignment of the Risk Management base budget.	212

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213	54R0020	Casualty Insurance Premium Distribution Modification			27,732		16,290		325,931	369,953	Adjustment of the Risk Management category to align to estimated premiums.	213
214	6505100	Marine Navigation Repair and Management			-		-		566,000	566,000	Provides funding to replace damaged, missing, or leaning waterway markers.	214
215	6505200	Long-Term Stored Vessel Study			-		-		231,000	231,000	Provides funding for a study of the impacts of long-term stored vessels pursuant to s. 327.4109, F.S.	215
216	7005310	Center for Red Tide Research	2.00	130,000	1,960,000		-			1,960,000	Provides funding to establish the Center for Red Tide Research and support the Harmful Algal Bloom Task Force.	216
217	7008500	State Reef Fish Survey			-		-		3,000,000	3,000,000	Provides funding to complete a statewide reef fish survey to help determine appropriate marine fishing seasons and bag limits.	217
218	8106200	National Fish and Wildlife Foundation Projects - Deepwater Horizon Oil Spill			-		-		2,280,482	2,280,482	Provides funding for National Fish & Wildlife Foundation grants.	218
219	990G000	Grants and Aids - Fixed Capital Outlay			-		-			-		219
220	082800	Boating Infrastructure			-		-		3,900,000	3,900,000	Provides funding for extensive maintenance and repairs of boat ramps operated and maintained by the commission, construction of new boat ramps, assistance with the increased responsibility for oversight of waterway markers in Florida, and joint boat access partnerships on public lands.	220
221	140004	Artificial Fish Reef Construction Program			-		-		600,000	600,000	Provides funding for grants for artificial reef planning, development, assessment, and management.	221
222	140007	Zoo Miami			-	200,000	-			200,000	Provides funding for the Zoo Miami Expansion/Renovation of Animal Hospital (HB 3345).	222
223	140028	ZooTampa			-	150,000	-			150,000	Provides funding for the ZooTampa Panther Medical and Habitat Facilities (HB 3307).	223
224	140034	Bascom Farms			-	1,500,000	-			1,500,000	Provides funding for Bascom Farms/Sturgeon Aquafarms repairs from Hurricane Michael (HB 4997).	224
225	140060	Derelict Vessel Removal Program			-		-		3,496,800	3,496,800	Provides funding for the Derelict Vessel Removal Program.	225
226	140100	G/A-Florida Aquarium			-	250,000	-			250,000	Provides funding for the Florida Aquarium Coral Research Laboratory and Visitors Center (HB 3115).	226
227	140270	Florida Boating Improvement Program			-		-		2,006,175	2,006,175	Provides funding for grants to local governments for projects, including recreational channel marking, public launching facilities, derelict vessel removal, and other boating related activities that enhance boating access for recreational boaters.	227

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228	990M000	Maintenance and Repair			-		-			-	228
229	080956	Facilities Repairs & Maintenance			-		-		644,000	644,000	229
230	084230	FWRI Repairs			-	1,793,078	-			1,793,078	230
231	990S000	Special Purpose			-		-			-	231
232	080060	Fisheating Creek WMA			-		-	900,000		900,000	232
233	084010	Palm Beach Recreational Shooting Park			-		-		3,845,000	3,845,000	233
234	084020	Joe Budd Shooting Sports Complex			-		-		150,000	150,000	234
235	084231	DeFuniak Springs Building			-		-		160,000	160,000	235
236	140082	G/A-Marine Recovery Program			-		-		10,822,360	10,822,360	236
237	149939	G/A-Innovative Technologies-Lionfish			-	400,000	-			400,000	237
238	FISH & WILDLIFE CONSERVATION COMMISSION		2,104.00	104,446,938	39,955,369	9,691,078	100,649,351	1,615,000	253,394,132	405,304,930	238
239	Grand Total		8,719.75	397,913,523	150,903,622	284,287,799	704,330,354	302,782,147	2,689,847,902	4,132,151,824	239

**Agriculture & Natural Resources Appropriations Subcommittee
Chair's Proposed Water Projects Funding for Fiscal Year 2020-21**

Bill #	Project Title	House NR GR
2999	Apalachicola Inflow and Infiltration Study	100,000
3535	Archer Water System Upgrades	100,000
2875	Aventura Curbing of Swale Flooding on Country Club Drive	100,000
2877	Bal Harbour Village Stormwater System Improvements	100,000
3457	Bay County Hurricane Michael - Stormwater Facilities	625,000
4785	Bay County Wastewater Facilities - Hurricane Michael	1,100,000
2193	Belle Glade NW/SW 3rd Avenue, SW Avenue B Extension Corridor Stormwater Conveyance Improvements	100,000
2451	Boca Raton 20-inch Critical Wastewater Force Main Resiliency Project Replacement/Redundancy	200,000
9055	Bonita Imperial Bonita Estates (IBE)/Quinn/Downs/Dean Street Drainage Project	150,000
4075	Bowling Green Inflow of Rain Water	100,000
2053	Brevard County Water Quality Improvements	200,000
3505	Brooksville Lamar Drinking Water Plant	50,000
3503	Brooksville Reuse Water to Cascades Residential Development	100,000
9021	Cape Coral Caloosahatchee Reclaimed Water Transmission Line	150,000
9011	Cape Coral Reservoir and Pipeline Project	500,000
4895	Central Florida Zoo and Botanical Gardens Rainwater Harvesting	50,000
4315	Charlotte County Countryman Ackerman Septic-to-Sewer	200,000
3207	Cinco Bayou Glenwood Park Stormwater Improvements	100,000
3491	Citrus County Kings Bay Restoration Project	100,000
3187	Coconut Creek Hillsboro Water Storage Tank Rehabilitation	100,000
4829	Collier County Cocohatchee River Critical Dredge Project	100,000
3369	Collier County Golden Gate City Outfall Restoration Project Phase 1	100,000
2633	Coral Gables Canal Dredging	100,000
3035	Coral Gables Comprehensive Inflow and Infiltration Program	100,000
3965	Coral Gables Waterway Conveyance and Water Quality Improvements	200,000
3475	Crystal River Sewer Master Plan Study	100,000
3333	Dania Beach NW/SW 1 Avenue Water Infrastructure Revitalization	100,000
3579	Daytona Beach Flood Mitigation Project	200,000
9257	DeFuniak Springs CR 280B Water and Sewer Expansion	200,000
3227	Deltona Eastern Water Reclamation Facility Expansion	150,000
3205	Doral Stormwater Improvements NW 89 Pl (25-20 St.)	100,000
3447	Doral Stormwater Master Plan Update	170,000
3441	El Portal Little River Septic to Sewer NE 2nd Avenue Commercial	100,000
3417	El Portal Sherwood Forest (NE 3rd Avenue) Little River Stormwater	100,000
2149	Emerald Coast Utilities Authority Septic to Sewer for Enhancement of Economic Development in the Brownsville Area Phase I	500,000
2269	Flagler Beach Wastewater Treatment Plant Improvements	500,000
4979	Flagler County West Flooding and Environmental Mitigation Water Control Project Phase I	200,000
2361	Florida Keys Aqueduct Authority Stock Island Reverse Osmosis Plant	500,000
2569	Fort Lauderdale Dorsey-Riverbend Stormwater Improvements	100,000
9035	Fort Myers At-Risk Neighborhood Infrastructure Improvements/Citywide Septic Tank Abandonment	200,000
9051	Fort Myers Beach Estero Boulevard Water Improvements	200,000
9031	Fort Myers Billy's Creek Restoration Final Phase	100,000
9029	Fort Myers Midtown Urban Infill Development Water Quality Planning Initiative	200,000
2605	Fort White Water Supply Project	200,000
3541	Gainesville Lower-Income Neighborhood Septic-to-Sewer Water Quality Improvements	100,000
2391	Golden Beach Center Island Phase 2 Storm Pump Station	100,000
3663	Greenacres Swain Blvd Sewer Extension	100,000
2679	Havana Lift Station Upgrades	50,000
2847	Hendry County Wastewater Infrastructure on US27/SR80 Connecting Airglades	100,000
3513	Hernando County Glen Water Reclamation Facility (WRF) Denitrification Upgrades	100,000
9139	Hillsborough County Septic to Sewer Program	150,000
3165	Homestead Automatic Flushing System	150,000

**Agriculture & Natural Resources Appropriations Subcommittee
Chair's Proposed Water Projects Funding for Fiscal Year 2020-21**

Bill #	Project Title	House NR GR
2619	Homosassa River Restoration	100,000
2411	Hypoluxo Septic to Sewer Conversion	250,000
4117	Indian Harbour Beach and Satellite Beach Muck Dredging	200,000
4733	Indian River County North Sebastian Septic to Sewer Phase 2	200,000
2575	Indian Trail Improvement District M-0 Outfall Canal Gate	200,000
3769	Inglis Sub-Regional Wastewater System	200,000
2129	Jupiter Pennock Industrial Park Stormwater Improvements	150,000
2133	Jupiter Seminole Avenue Stormwater Basin Improvements	250,000
2131	Jupiter Sims Creek Preserve Hydrologic Restoration	150,000
3087	LaBelle Lift Station Generator Project	90,000
3093	LaBelle Water Line Transmission Loop	100,000
3237	Largo Keene Park Sanitary Sewer Improvements	90,000
2645	Lauderdale-By-The-Sea Septic to Sewer	200,000
3477	Lauderhill Southeast Water Service Project	100,000
9171	Lee County Artesian Well Abandonment Project	80,000
4097	Loxahatchee Groves Canal System Rehabilitation	150,000
3745	Macclenny Water Treatment Plant II Upgrades and 12-inch Water Main Extension	200,000
3829	Manatee County Water Quality Improvement with Native Oysters and Clams	200,000
4831	Marco Island Nutrient Source Evaluation and Assessment Project	100,000
4837	Marco Island San Marco Road Tide Leveling/Flushing Improvements	150,000
3211	Margate Water Treatment Plant Improvements	150,000
2057	Marion County Septic to Sewer Initiative	200,000
2195	Martin County Cypress Creek Floodplain Restoration Project	100,000
2177	Martin County Savanna South Water Control Weir	100,000
3365	Medley Tobie Wilson Multiuse Community Center Water Quality Improvements and Bulkhead Replacement	100,000
4855	Melbourne Village Dayton Bridge and Culvert Replacement	150,000
4787	Mexico Beach Oleander Water Main Replacement	377,907
2539	Miami Beach Water Main Aerial Crossing MacArthur Causeway	150,000
3405	Miami Gardens NW 159 Street Drainage Improvement Project	20,000
3407	Miami Gardens NW 195 Street and NW 12 Ave Stormwater Drainage Improvement	30,000
3553	Miami Lakes Loch Lomond Drainage Improvements Project	1,000,000
3389	Miami Lakes Royal Oaks Drainage Improvements Project	1,000,000
3443	Miami Shores Village Shores Estates Drain Water System	100,000
2923	Milton North Santa Rosa Regional Water Reclamation Facility	500,000
4019	Miramar Country Club Ranches Water Main Infrastructure	100,000
4835	Naples Design of Phase 2 - Naples Bay Red Tide Septic Tank Mitigation Program	150,000
2215	Nassau County American Beach Well and Septic Phase Out	200,000
4423	New Port Richey 2019 Beach Street Stormwater Drainage Improvements	200,000
2637	New Smyrna Beach Septic to Sewer Feasibility Study	125,000
2691	Newberry State Road 26 Water & Wastewater Infrastructure	200,000
2523	North Bay Village Treasure Island Pump Station	100,000
3331	North Lauderdale Silver Lakes Drainage Improvements Phase II	100,000
2901	North Lauderdale SW 13th Street Drainage Improvements	100,000
2881	North Miami Beach Corona del Mar Phase II Sewer System	100,000
2883	North Miami Beach NE 19th Ave Business District Sanitary Sewer System	100,000
3439	North Miami Septic to Sewer Conversions	100,000
2791	North Port Warm Mineral Springs Water and Sewer Utilities	100,000
3229	Oak Hill Septic to Sewer Retrofit Area 2A	200,000
2291	Oakland-South Lake Apopka Initiative	100,000
3109	Okaloosa County Overbrook Area Flooding	200,000
3243	Okeechobee Utility Authority Southwest Wastewater Service Area	500,000
3865	Osceola County Lake Toho Water Restoration Diversion Wall Design and Construction	300,000
2427	Oviedo Regional Stormwater Pond Final Phase	200,000
4969	Palatka Drinking Water Infrastructure Improvements	750,000
2407	Palm Beach County-Lake Worth Lagoon Monitoring Program	150,000
2403	Palm Beach County-Singer Island Submerged Lands Acquisition	200,000

Agriculture & Natural Resources Appropriations Subcommittee Chair's Proposed Water Projects Funding for Fiscal Year 2020-21

Bill #	Project Title	House NR GR
3461	Palmetto Bay Sub-Basin 61 Construction	100,000
4771	Panama City Millville Waste Water Treatment Plant Relocation Assessment	500,000
2125	Parkland Stormwater Quality Improvement Project	100,000
2591	Pasco County Mitchell Ranch Road Drainage Improvement SW 848	100,000
3181	Pasco County Quail Hollow Blvd South (SW-530)	150,000
4017	Pembroke Park John P. Lyons Lane Stormwater Pumping Station	100,000
4947	Penney Farms Potable Water Update for Deteriorating Pipeline	100,000
3807	Pinecrest Stormwater Improvements	100,000
2233	Pinellas Park Orchid Lake Improvements Phase II	170,000
4729	Plant City McIntosh Park Integrated Water Master Plan	200,000
2583	Ponce Inlet Ponce De Leon Circle Septic to Sewer	125,000
3005	Port St. Joe First Street Sewer Lift Station	100,000
2803	Port St. Lucie Septic to Sewer Conversion Program	100,000
4971	Putnam County East Putnam Drainage and Flooding Mitigation	150,000
4003	Riviera Beach Utilities Special District Intracoastal Critical Water Main Replacement	100,000
4119	Rockledge Biosolids Final Design	150,000
3313	Sanford-Orlando Sanford International Airport Stormwater Management System	150,000
9057	Sanibel Donax Water Reclamation Facility Process Improvements	100,000
3337	Santa Rosa County Santa Monica Street Paving	100,000
2509	Sarasota County Bee Ridge Water Reclamation Facility Recharge Wells	200,000
3539	Seminole County Lake Jesup Watershed Project	100,000
2969	Sopchoppy Elevated Water Tank	100,000
2983	Sopchoppy Waterline Replacement	200,000
2083	South Bay Stormwater Flood Control and Waterway Management Phase 2	150,000
2139	South Indian River Water Control District Section 7 Drainage Improvement Project	150,000
3177	Southwest Ranches Basin S9/S10 Drainage Improvement Project	100,000
2675	St. Augustine West Augustine Septic to Sewer 2020	450,000
3861	St. Cloud Ralph V. Chisholm Park	150,000
2421	St. Pete Beach Sanitary Sewer Capacity Improvement	150,000
2555	Sunny Isles Beach Golden Shores Pump Station	100,000
2843	Sunrise - Convert Effluent Main to Water Reuse Distribution	150,000
4621	Tamarac C-14 Canal Stormwater & Environmental Drainage Improvements	150,000
3487	Tamarac Stormwater Culvert Headwalls Phase 7	100,000
3113	Tampa Anita Subdivision Drainage Improvements Phase II	150,000
9167	Tampa Bay Water Cypress Bridge Wellfield Improvements	150,000
3897	Tampa Septic to Sewer Study	100,000
3325	Tampa Wastewater Lateral Lining Project	100,000
3121	Tarpon Springs Anclote River Extended Turning Basin Dredge	500,000
2013	Taylor Creek Restoration Muck Removal Project	100,000
9175	Temple Terrace Renovation of Irrigation System for Historic Golf Course	200,000
4629	The Evangelical Lutheran Good Samaritan Society - Kissimmee Wastewater	200,000
3571	Umatilla Wastewater Interconnection with City of Eustis	500,000
2363	Venice New Water Booster Station and System Improvements Including Emergency Interconnect	200,000
3751	Virginia Gardens 37 Street Stormwater Improvements	150,000
3401	Virginia Gardens 62 Ave & 40 Terr Stormwater/ADA Improvements	150,000
2381	Volusia County Ariel Canal Water Quality Improvements	200,000
2371	Wellington Wetlands Reuse Project	150,000
3387	West Miami Potable Water System Improvements Phase II	200,000
2615	West Palm Beach Washington Road Utility Improvements	100,000
2071	Wildwood - Millennium Park Reclaim Main Extension	100,000
Total		29,202,907

Agenda Item: 9:30 AM

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

WORKSHOP SUMMARY

Meeting Date: January 28, 2020

Department: Environmental Resources Management

I. EXECUTIVE BRIEF

Title: Proposed Environmental General Obligation Bond Referendum

Summary: At the November 19, 2019 Palm Beach County (County) Board of County Commissioners (BCC) meeting, staff was directed to provide a briefing on a proposed environmental general obligation bond referendum for the August 2020 election, including suggested projects that have been vetted through Environmental Resources Management (ERM), and local environmental stakeholders including the non-profit Sustainable Palm Beach County.

Staff requests direction from the BCC on: 1) whether to proceed with meeting all requirements, including adoption of a resolution by the BCC, to call for a bond referendum for the August 18, 2020 election; 2) confirm not to exceed \$150 million bond issue; 3) support for the project concepts for inclusion; 4) input on suggested public education / outreach for the bond referendum; and 5) any further direction to clarify expectations. Countywide (DB)

Background and Policy Issues: Palm Beach County has been a leader in the protection of environmental, land, and water resources. These natural resources are critically important and highly valued by our communities, and help support a vibrant, diverse, and strong economy, including agriculture and tourism. Key community stakeholders raised the issue of a general obligation bond referendum as a potential solution to support further County investment to protect, improve and restore our water and environmental resources, and to best leverage state and federal funds towards critical water and environmental projects.

Attachments:

1. PowerPoint Presentation
 2. List of Potential Projects for Inclusion in Bond Referendum Funding
-

Recommended by: Michael Staff for 1/14/20
Department Director **Date**

Approved by: Nancy L. Bolm 1/16/20
Assistant County Administrator **Date**

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2020	2021	2022	2023	2024
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	_____	_____	_____	_____	_____
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes _____ No X

Does this Item include the use of Federal Funds? Yes _____ No X

Budget Account No.:
Fund _____ Department _____ Unit _____ Object _____ Program _____

B. Recommended Sources of Funds/Summary of Fiscal Impact:

C. Department Fiscal Review:

S. Henry

III. REVIEW COMMENTS

A. OFMB Fiscal and /or Contract Dev. and Control Comments:

L. R. 1/15/2020
OFMB *1/14* *1/14*

Ann J. Jaworski 1/15/2020
Contract Development and Control
1/15/2020

B. Legal Sufficiency:

M. G. H. 1/15/20
Assistant County Attorney

C. Other Department Review:

Department Director

PROPOSED ENVIRONMENTAL GENERAL OBLIGATION BOND REFERENDUM



BCC Workshop
January 28, 2020

AGENDA

- Introduction and Background
- Proposed Projects
- General Obligation Bonds
- Ballot Referendum Schedule and Draft Language
- Public Education and Outreach Opportunities
- Discussion / Direction



INTRODUCTION AND BACKGROUND

The County has been a leader in the protection of environmental, land and water resources

These natural resources are critically important and highly valued by our communities, and help support a vibrant, diverse and strong economy

A general obligation (GO) bond referendum is a potential solution to support further County investment to protect, improve and restore our water and environmental resources, and leverage state and federal funds

In November 2019, BCC directed staff to provide a briefing on a proposed GO bond referendum, including projects proposed by Environmental Resources Management (ERM) staff and Sustainable Palm Beach County

PROPOSED PROJECTS



**Restore Lake Worth
Lagoon,
Loxahatchee River,
Lake Okeechobee
and the Intracoastal
Waterway**



**Water Supply
Storage and
Treatment**



**County-Wide Water
Quality Improvement**



Public Access

PROPOSED PROJECTS



Restore Lake Worth Lagoon, Loxahatchee River, Lake Okeechobee, and the Intracoastal Waterway

Project	Description	Potential Partners	Areas that Benefit	Location (District #)
Lake Okeechobee Restoration	Constructed islands in Lake Okeechobee near Pahokee to improve fish and wildlife habitat and water quality	U.S. Army Corps of Engineers	District 6. Lake Okeechobee / Glades Region	6
Loxahatchee Slough Flow-way Connection and Hydrologic Integration	Additional infrastructure to optimize the quantity, quality, timing and distribution of water to benefit the Loxahatchee River watershed	Palm Beach Gardens, SFWMD	Districts 1 and 6. Loxahatchee River and Watershed	1
Mecca Restoration	Upland and wetland habitat restoration on SFWMD-owned Mecca site	SFWMD	Districts 1 and 6. Loxahatchee River and Watershed	1

PROPOSED PROJECTS



Restore Lake Worth Lagoon, Loxahatchee River, Lake Okeechobee, and the Intracoastal Waterway (cont'd)

Project	Description	Potential Partners	Areas that Benefit	Location (District #)
Pal Mar Acquisition	Acquisition and restoration of environmentally sensitive lands and/or mitigation rights	Willing sellers	District 1. Pal-Mar / Loxahatchee River and Watershed	1
West Palm Beach Canal Spillway (S-155) Retrofit	Infrastructure improvements to reduce harmful sediment discharges to the Lake Worth Lagoon	SFWMD	Districts 1, 2, 3, 4, 7. Lake Worth Lagoon	2/3
Submerged Lands Acquisition	Acquisition of submerged lands with high habitat quality threatened by development	Willing sellers	Districts 1, 2, 3, 4, 7. Lake Worth Lagoon	1, 4, 7

PROPOSED PROJECTS



Water Supply Storage and Treatment

Project	Description	Potential Partners	Areas that Benefit	Location (District #)
C-51 Reservoir Phase 2 Storage	Secure a quantity of water storage to benefit environmental water needs, water quality, and water supply	Palm Beach Aggregates, SFWMD, U.S. Army Corps of Engineers	Districts 1, 2, 3, 4, 5, 6, 7. County-wide / Water supply and Water quality	6
Green Cay Wetlands Phase 2	Increase water supply sustainability via treatment plant expansion, advanced treatment technologies and wetlands; includes public access	N/A	District 5. Habitat Restoration in Lake Worth Lagoon watershed. County-wide Public visitor opportunity	5

PROPOSED PROJECTS



Water Supply Storage and Treatment (cont'd)

Project	Description	Potential Partners	Areas that Benefit	Location (District #)
Natural Area Connector Parcels	Acquire critical parcels to reduce habitat fragmentation, increase connectivity, and increase water storage benefits	Willing sellers	Districts 1, 2, 3, 4, 5, 6, 7. County-wide	3 / County-wide
Water Storage in L-8 Basin	Construct a water storage feature to benefit environmental water needs, water quality, and water supply	Willing sellers, SFWMD, U.S. Army Corps of Engineers	Districts 1, 2, 3, 4, 5, 6, 7. L-8 Basin / Lake Worth Lagoon, Loxahatchee River and Watershed	6

PROPOSED PROJECTS



County-Wide Water Quality Improvement

Project	Description	Potential Partners	Areas that Benefit	Location (District #)
Septic to Sewer Conversion	Improve water quality via conversion of septic tanks to central sewer; priority areas are Lake Worth Lagoon and Loxahatchee River watersheds	Local governments, special districts, HOAs	Districts 1, 2, 3, 4, 5, 6, 7. County-wide	County-wide
Stormwater Quality Improvements	Improve water quality via construction of stormwater quality improvement projects; priority areas are Lake Worth Lagoon and Loxahatchee River watersheds	Local governments, special districts, HOAs	Districts 1, 2, 3, 4, 5, 6, 7. County-wide	County-wide

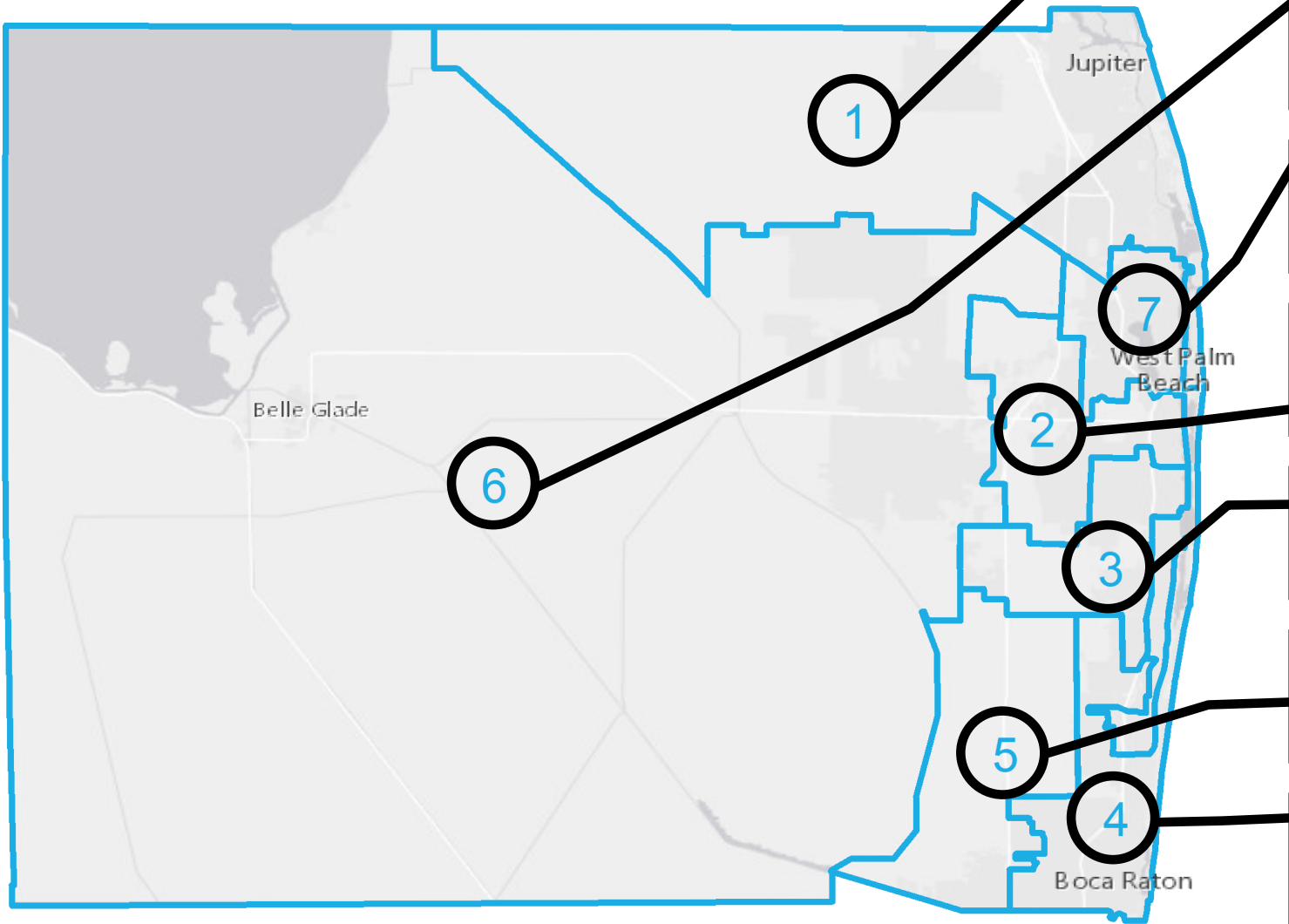
PROPOSED PROJECTS

Public Access



Project	Description	Potential Partners	Areas that Benefit	Location (District #)
C-51 Boat Lift	Provide public access to waterways via construction of a boat lift that enables the passage of small vessels between inland freshwater bodies and the Intracoastal Waterway	Blueway Trails LLC, SFWMD, Lake Clarke Shores, Lake Worth Beach, West Palm Beach	Districts 2, 3, 7. Lake Worth Beach, Town of Lake Clarke Shores, West Palm Beach	2/3
Natural Areas Public Use Facilities	Construct public access and use facilities in the County's Hungryland Slough Natural Area	N/A	Districts 1, 2, 3, 4, 5, 6, 7. General public and visitors to natural areas	1

PROPOSED PROJECTS



Lox Slough Flowway, Mecca Restoration, Pal Mar and Submerged Lands Acquisition, Septic to Sewer, Stormwater Quality Improvements, Natural Areas Public Use Facilities

Lake O Restoration, C 51 Reservoir, L 8 Basin Water Storage, Natural Area Connector Parcels, Septic to Sewer, Stormwater Quality Improvements

Submerged Lands Acquisition, Natural Areas Connector Parcels, Septic to Sewer, Stormwater Quality Improvements

S 155 Retrofit, Natural Areas Connector Parcels, Septic to Sewer, Stormwater Quality Improvements, C 51 Boat Lift

S 155 Retrofit, Natural Areas Connector Parcels, Septic to Sewer, Stormwater Quality Improvements, C 51 Boat Lift

Green Cay Wetlands Ph. 2, Natural Areas Connector Parcels, Septic to Sewer, Stormwater Quality Improvements

Submerged Lands Acquisition, Natural Areas Connector Parcels, Septic to Sewer, Stormwater Quality Improvements

PROPOSED PROJECTS - ANTICIPATED OPERATIONS AND MAINTENANCE RESPONSIBILITY

- Proposed projects will require routine operations and maintenance (O&M) in the future
- O&M will be the responsibility of the project owner / funding recipient
- O&M costs cannot be paid for with Bond funds



GENERAL OBLIGATION (GO) BONDS

Backed by the credit and taxing power of the County

- Countywide
- Debt service is funded by a separate millage rate

Once a referendum is approved by voters:

- BCC will approve a bond resolution
- Staff will work with Financial Advisor, Underwriter, and Bond Counsel to issue bonds
- Bond proceeds will be allocated to projects by BCC
- During budget preparation for Fiscal Year 2022, a millage rate will be included to fund debt service
- TRIM notices/tax bills will include debt service millage



CURRENT COUNTY GENERAL OBLIGATION BONDS

Issue/Purpose	Original Issue	Maturity Date	Amount Outstanding as of 10/1/2019	Millage Rate
Environmentally Sensitive Lands, Water Resources, Greenways, Agricultural Lands and Open Spaces; 1999 and 2001 (Series 2006)	\$150M	6-1-2020	\$7,630,000	0.0396
Recreation and Culture Facilities; 2003 and 2005 (Series 2010)	\$50M	7-1-2025	\$15,960,000	0.0190
Waterfront Access; 2006 (Series 2014)	\$50M	8-1-2026	\$20,960,000	0.0179
Total Countywide General Obligation Bonds			\$44,550,000	0.0765
Library Expansion Facilities; 2003 (Series 2010)	\$30.5M	7-1-2023	\$8,100,000	0.0221
Library Facilities; 2006 (Series 2014)	\$22.3M	8-1-2025	\$8,465,000	0.0158
Total Library General Obligation Bonds			\$16,565,000	0.0379

FINANCIAL SUMMARY FOR A \$150 MILLION BOND


- Tax exempt, 20 year maturity
- Can issue in July 2021 or later
- Can be multiple issues in smaller amounts over several years
- Estimated Annual Debt Service = \$9,640,000
- Taxable Property Values for Debt Service = \$199.2B
- Estimated millage rate = 0.0484
- For each \$100,000 of taxable property, taxpayer pays \$4.84 annually
 - **\$250,000 taxable property = \$12.10**

BALLOT REFERENDUM — SCHEDULE

August 18, 2020 Referendum — Key Dates

- **April 21 or May 5** — BCC adopt resolution calling for referendum (including ballot language and referendum date)
- **June 19** — Ballot referendum language due to Supervisor of Elections
- **July 15** — Publish 1st advertisement with notice of referendum in newspaper
- **July 29** — Publish 2nd advertisement with notice of referendum in newspaper





BALLOT REFERENDUM — DRAFT LANGUAGE

ENVIRONMENTAL PROJECTS FOR LAND AND WATER RESOURCES GENERAL OBLIGATION BONDS

To enhance the environment by acquiring and restoring lands, improving water resources and quality by constructing infrastructure to clean water, expanding water storage and treatment facilities and increasing public access to waterways, shall the County issue not exceeding \$150,000,000 of bonds, bearing interest rate(s) not exceeding legal maximum, maturing in not exceeding twenty years of issuance, in one or more series, payable from the County's full faith, credit and ad valorem taxing power?

PUBLIC EDUCATION AND OUTREACH OPPORTUNITIES

Presentation from Sustainable Palm Beach County



DIRECTION REQUESTED

- Whether to proceed with meeting all requirements, including adoption of a resolution by the BCC, to call for a bond referendum on August 18, 2020
- Confirm not to exceed \$150 million bond issue
- Conceptual approval of the bond purpose and preliminary project list
- Direction on public education and outreach plan



PROPOSED ENVIRONMENTAL GENERAL OBLIGATION BOND REFERENDUM

DISCUSSION



BCC Workshop
January 28, 2020

PROPOSED ENVIRONMENTAL GENERAL OBLIGATION BOND REFERENDUM - PROPOSED PROJECTS - 01/22/2020

Project	Project Type	Project Description	Necessary Agreements / Antecedent Conditions for Project to be Initiated	Anticipated Operations and Maintenance Responsibility (not eligible for referendum dollars)	Areas that Benefit from Project	District Where Project Located
RESTORE LAKE WORTH LAGOON, LOXAHATCHEE RIVER, LAKE OKEECHOBEE, AND THE INTRACOASTAL WATERWAY						
Lake Okeechobee Restoration	Habitat Restoration	Restoring the eastern shoreline of Lake Okeechobee in the area of the City of Pahokee will help address challenges of shoreline erosion, poor water quality, and the loss of historical fish and wildlife habitat. This project will cost-share the design, permitting, and construction of islands in Lake Okeechobee to maximize habitat creation and improve water quality.	Partial funding combined with partnership with ACOE.	Palm Beach County ERM. Operations and maintenance costs will vary depending on the design of the project, but could be in the range of \$50,000-100,000 annually, depending on plant survival of initial plantings.	District 6. Lake Okeechobee / Glades Region.	6
Lox Slough Flowway Connection / Hydrologic Integration	Storage and Treatment of Surface Waters	There has been extensive wetland restoration in the Loxahatchee Watershed, and there is anticipated to be more in the near future. This project is to construct the necessary water infrastructure to optimize the quantity, quality, timing and distribution of surface waters through the Loxahatchee Watershed to benefit the created wetland habitats and the Loxahatchee River and Estuary.	Certain components will require an agreement with Palm Beach Gardens and Landowner and permits from the SFWMD. Other components focused solely on County-owned property only require permits.	To be determined	Districts 1 and 6. Loxahatchee River and Watershed.	1
Mecca Restoration	Storage and Treatment of Surface Waters	This project will complete upland and wetland habitat restoration on ~1700 acres on the Mecca Property owned by the SFWMD. Restoration work will be completed by Palm Beach County.	Agreement with SFWMD to allow County to do restoration and for SFWMD to manage property	The County will utilize these dollars to restore the property with the understanding that the SFWMD will assume long term operations and maintenance activities on the property.	Districts 1 and 6. Loxahatchee River and Watershed.	1
Pal Mar Acquisition	Conservation Lands Acquisition	Acquisition and restoration of environmentally sensitive lands and/or mitigation rights, including wetlands characterized as pine flatwood/wet prairie/depression marsh complex. Would help to connect currently privately owned lands, through acquisition, to previously acquired environmentally sensitive lands, which would allow for consistent management and ecosystem restoration activities to occur.	Requires willing sellers	Palm Beach County ERM. Anticipated natural areas management costs are anticipated to be ~\$360,000 / year.	District 1. Pal Mar / Loxahatchee River and Watershed.	1
West Palm Beach Canal Spillway (S-155) Retrofit	Water Quality Benefits	This project will design, permit, and construct improvements to the existing structure to reduce harmful sediment discharge to the Lake Worth Lagoon.	Cost share partnership with SFWMD	The County will utilize these dollars to cost-share with the SFWMD to retrofit the structure, with the understanding that the SFWMD will assume long term operations and maintenance activities.	Districts 1, 2, 3, 4, 7. Lake Worth Lagoon.	2, 3
Submerged Lands Acquisition	Habitat Protection	There are significant acres of high habitat quality submerged aquatic resources in Palm Beach County that remain threatened by urban development. This project is to acquire fee-simple interest in as many of those acres as possible to protect seagrass and other submerged habitats and the animals, such as manatees and sea turtles, that depend on them.	Requires willing sellers	There are no anticipated operations and maintenance costs associated with this project.	Districts 1, 2, 3, 4, 7. County-wide / Lake Worth Lagoon-wide	1, 4, 7

PROPOSED ENVIRONMENTAL GENERAL OBLIGATION BOND REFERENDUM - PROPOSED PROJECTS - 01/22/2020

Project	Project Type	Project Description	Necessary Agreements / Antecedent Conditions for Project to be Initiated	Anticipated Operations and Maintenance Responsibility (not eligible for referendum dollars)	Areas that Benefit from Project	District Where Project Located
WATER SUPPLY STORAGE AND TREATMENT						
C-51 Phase 2 Reservoir Storage	Water Supply and Storage	This project involves entering into an agreement with Palm Beach Aggregates to secure a quantity of water storage in the C-51 Phase 2 Reservoir to benefit Palm Beach County's water supply and environmental water needs, with anticipated additional water quality benefits.	Agreement on price with PB Aggregates (range from \$7500-\$10,000 / acre-foot). Potential partners include SFWMD and U.S. Army Corps of Engineers.	To be determined	Districts 1, 2, 3, 4, 5, 6, and 7. County-wide / Water Supply and Water Quality Benefits.	6
Green Cay Wetlands Phase II	Water Resources Protection / Habitat Restoration	This project is to increase water supply sustainability through a water treatment plant expansion, including advanced treatment, wetland treatment, and public access facilities.	Completed by PBC Utilities Department. Total Project cost estimated at \$32 million.	Palm Beach County Water Utilities Department	District 5. Habitat Restoration in Lake Worth Lagoon Watershed. Public visitor opportunity benefits county-wide and beyond.	5
Natural Area Connector Parcels	Habitat Restoration	This project will help identify critical parcels for land acquisition to reduce habitat fragmentation and increase connectivity, and to increase water storage benefits to existing publicly owned land.	Requires willing sellers. Including but not limited to parcels in the Ag Reserve.	The acquiring entity would be responsible for coordinating operations and maintenance activities.	District 3 and others depending on acquisition opportunities. Anticipated County-wide opportunities and benefits.	3, CW
Water Storage in L-8 Basin	Storage and Treatment of Surface Waters	This project will acquire, design, permit, and construct a quantity of water storage in the L-8 Basin to benefit Palm Beach County's water supply and environmental water needs, with anticipated additional water quality benefits.	Project anticipates cost-share partners. If land acquisition needed, requires willing sellers. Potential partners include SFWMD and U.S. Army Corps of Engineers.	The acquiring entity would be responsible for coordinating operations and maintenance activities.	Districts 1, 2, 3, 4, 6, and 7. L-8 Basin, Lake Worth Lagoon, Loxahatchee River and Watershed	6
COUNTY-WIDE WATER QUALITY IMPROVEMENT						
Septic to Sewer Conversion	Water Quality Benefits	This is anticipated to potentially involve a number of projects that will focus on improving water quality through the planning, design, permitting, and construction to convert areas on septic tanks to regional sewer service. Priority will be given to areas that impact the Lake Worth Lagoon or Loxahatchee River, or are identified as "hot spots" for nutrients.	Requires funding partnerships with local governments / municipalities / special districts / HOAs, etc.	Recipient of funds would be responsible for any operations and maintenance activities associated with the completed projects.	County-wide	CW
Stormwater Quality Improvements	Water Quality Benefits	This is anticipated to potentially involve a number of projects that will focus on improving water quality through the planning, design, permitting, and construction of stormwater improvement projects. Priority will be given to areas that impact the Lake Worth Lagoon or Loxahatchee River, or are identified as "hot spots" for nutrients.	Requires funding partnerships with local governments / municipalities / special districts / HOAs, etc.	Recipient of funds would be responsible for any operations and maintenance activities associated with the completed projects.	County-wide	CW
PUBLIC ACCESS						
C-51 Boat Lift	Public Access Benefits	This project will design, permit, and construct a boat lift to enable the passage of small-sized vessels from inland freshwater bodies including Lake Clarke to the Intracoastal Waterway.	Agreement between SFWMD, City of Lake Worth Beach, Town of Lake Clarke Shores and City of West Palm Beach.	Blueway Trails LLC	Districts 2,3, and 7. City of Lake Worth Beach, Town of Lake Clarke Shores, and City of West Palm Beach	3
Natural Areas Public Use Facilities	Public Access Benefits	This project will design, permit, and construct the public access and use facilities on Palm Beach County's Hungryland Slough Natural Area.		Palm Beach County ERM. Operations and maintenance costs for this new facility are estimated to be \$30,000 annually.	Districts 1, 2, 3, 4, 5, 6, 7. General Public and Visitors to Natural Areas	1