

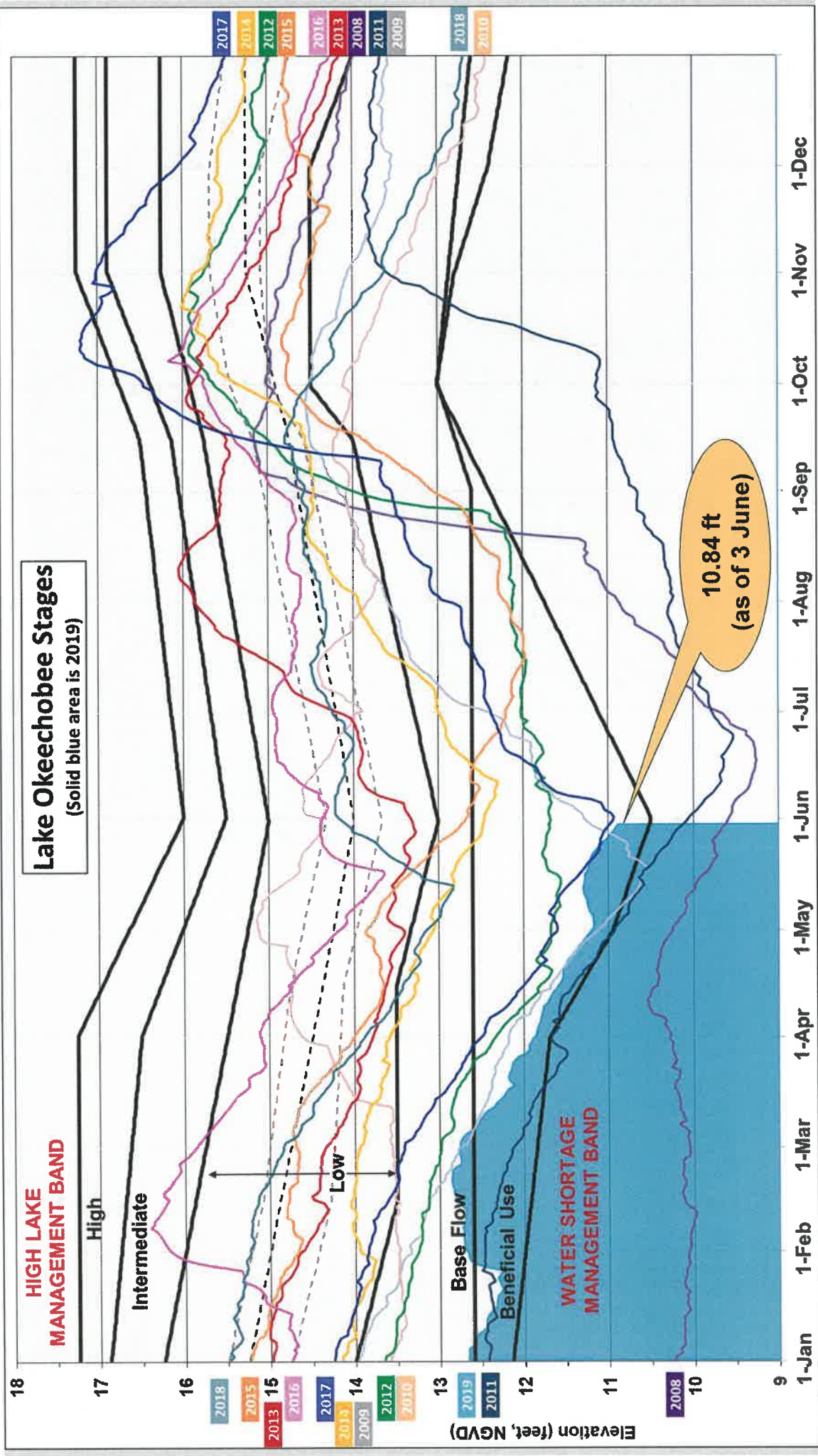
MARTIN COUNTY BOCC CORPS UPDATE

Lt. Col. Jennifer Reynolds
Deputy Commander, South Florida
Jacksonville District
U.S. Army Corps of Engineers
4-June-2019



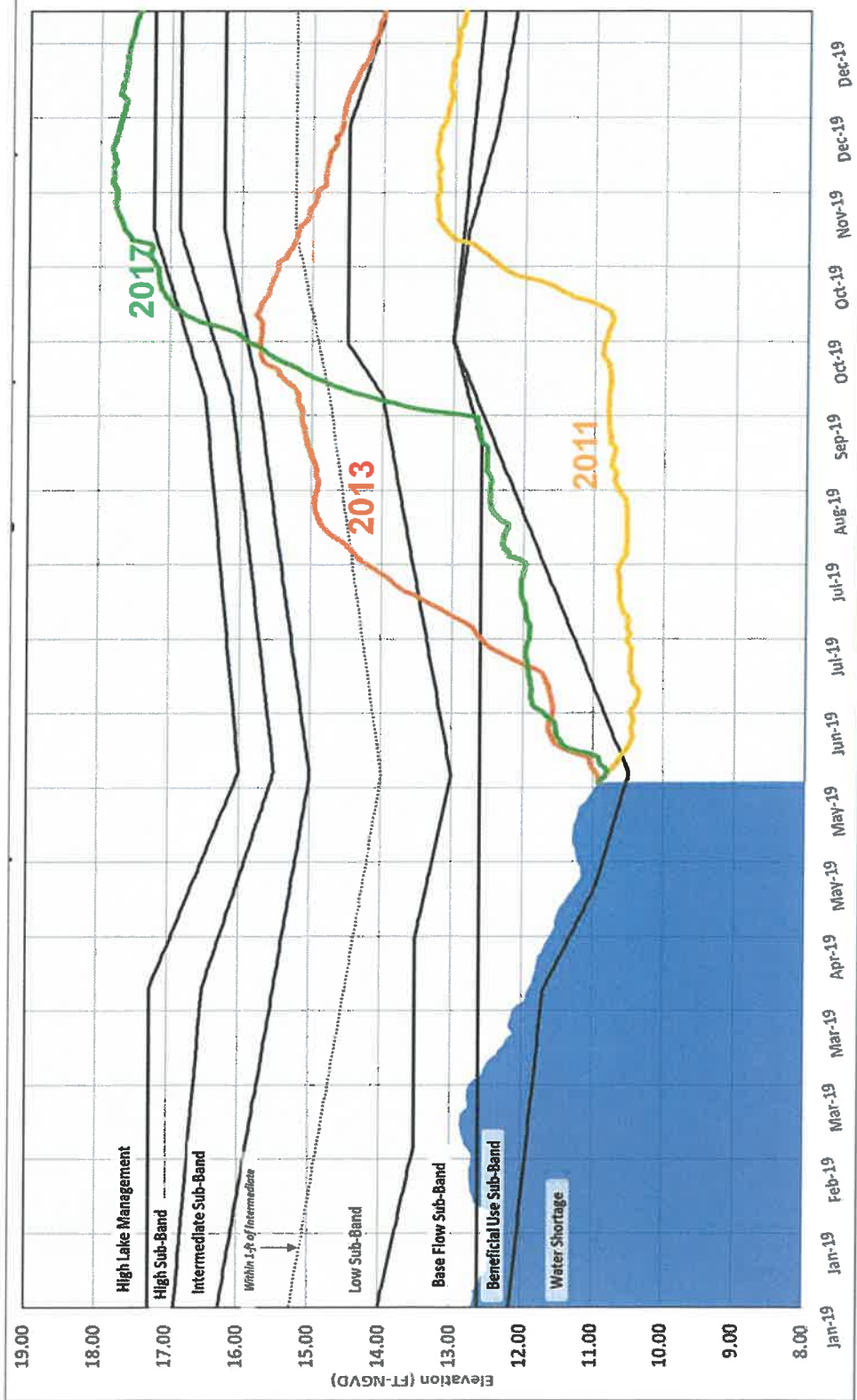
US Army Corps
of Engineers®







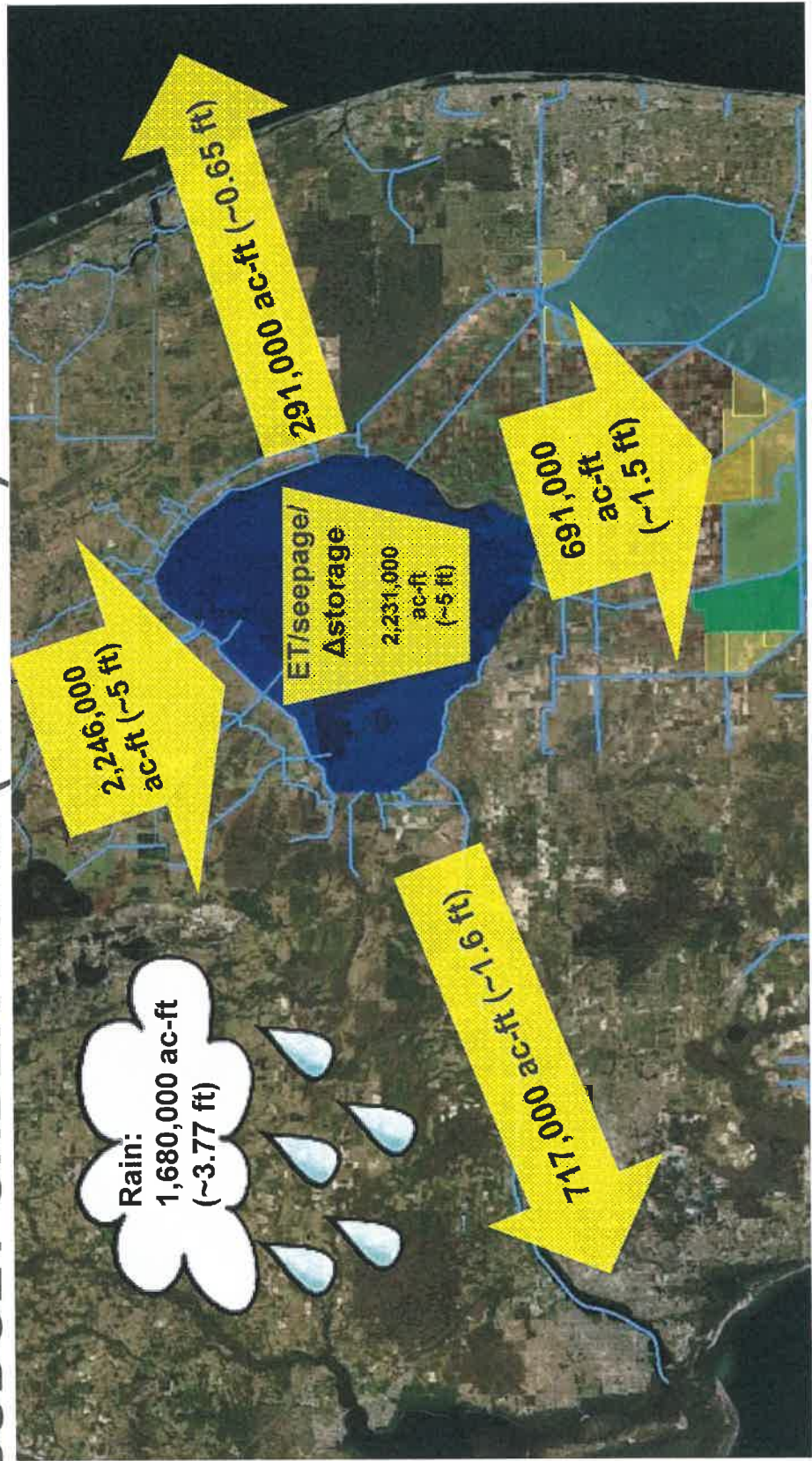
WET SEASON SCENARIO SIMULATION (BASED ON CONDITIONS IN YEARS 2011, 2013, AND 2017)



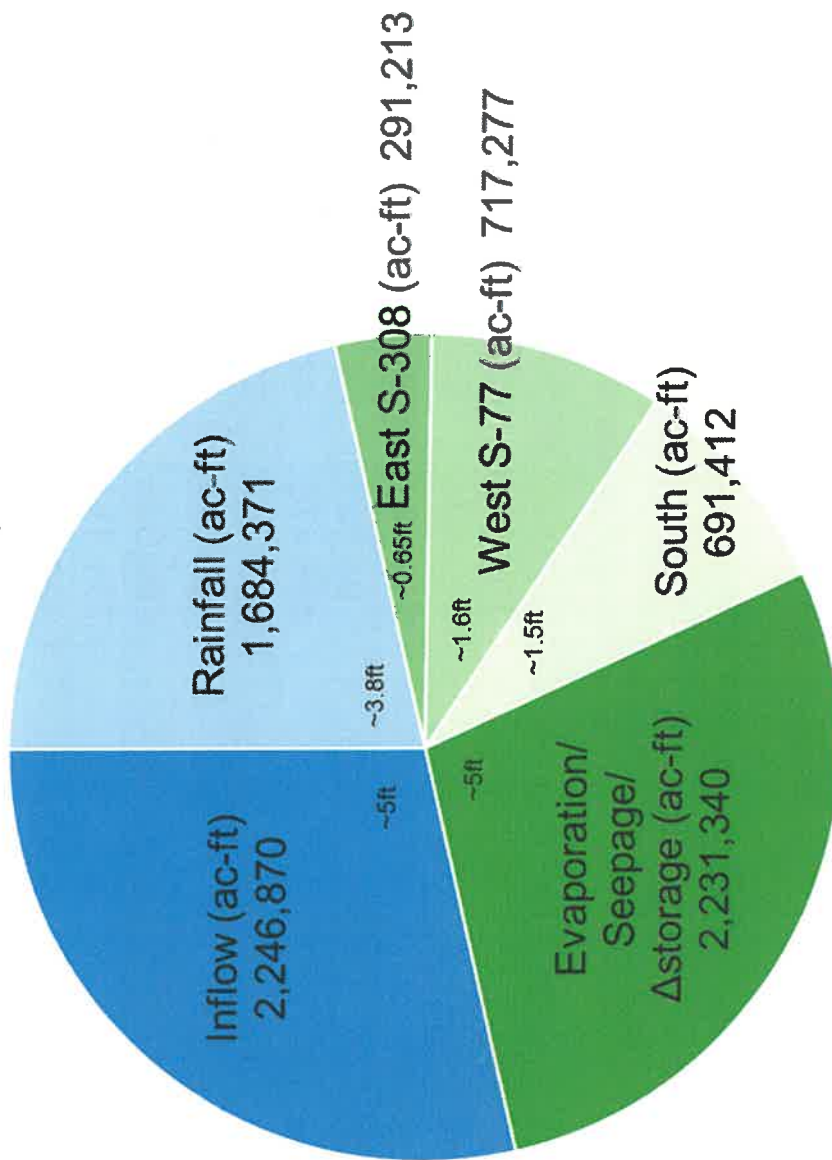
Jan-19 Jan-19 Feb-19 Mar-19 Apr-19 May-19 Jun-19 Jul-19 Aug-19 Sep-19 Oct-19 Nov-19 Dec-19



AVERAGE ANNUAL LAKE OKEECHOBEE WATER BUDGET UNDER LORS (2008-2018)



Average Annual Lake Okeechobee Water Budget 2008-2018 (LORS)





LAKE OKEECHOBEE WATER BUDGET

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Year	Inflow (ac-ft)	Rainfall (ac-ft)	Total sent east through S-308 (ac-ft)	Total sent west through S-77 (ac-ft)	Total sent south (ac-ft)	Evaporation/ Seepage/Other (ac-ft)	ΔStorage 1Jan-31Dec (ac-ft)
2008	2,336,929	1,692,242	164,039	312,448	112,595	2,035,089	1,405,000
2009	1,461,696	1,645,886	62,076	219,496	554,542	2,435,269	-163,800
2010	1,553,975	1,718,983	397,545	659,441	391,362	2,287,509	-462,900
2011	1,756,988	1,387,741	188,659	94,551	445,847	1,914,971	500,700
2012	2,038,314	1,650,585	117,481	485,476	422,621	2,105,921	557,400
2013	2,525,760	1,625,931	374,123	1,227,494	725,064	2,171,810	-346,800
2014	2,200,548	1,713,160	17,101	380,258	1,110,434	1,951,815	454,100
2015	2,467,603	1,480,108	122,215	590,053	1,308,177	2,123,767	-196,500
2016	3,471,395	1,883,262	823,335	1,771,193	849,603	2,117,327	-206,800
2017	3,235,542	2,084,382	649,867	1,309,276	578,172	2,259,109	523,500
2018	1,666,822	1,645,805	286,903	840,355	1,107,111	2,246,458	-1,168,200
Average	2,246,870	1,684,371	291,213	717,277	691,412	2,149,913	81,427
2019*	342,058	418,175	36,159	202,345	398,245	659,884	-536,400



LAKE OKEECHOBEE SYSTEM OPERATING MANUAL

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Public Engagement Opportunities	Date
1 - Scoping Meetings	February 2019
2 - Planning Workshops	August 2019
3 - Alternative Evaluation Workshops	Multiple in 2019 -2021
4 - Draft Report - Public Comment Period	April-May 2022
5 - Final Report – Public Comment Period	September 2022



HERBERT HOOVER DIKE IMPLEMENTATION PROGRESS

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Completed Work

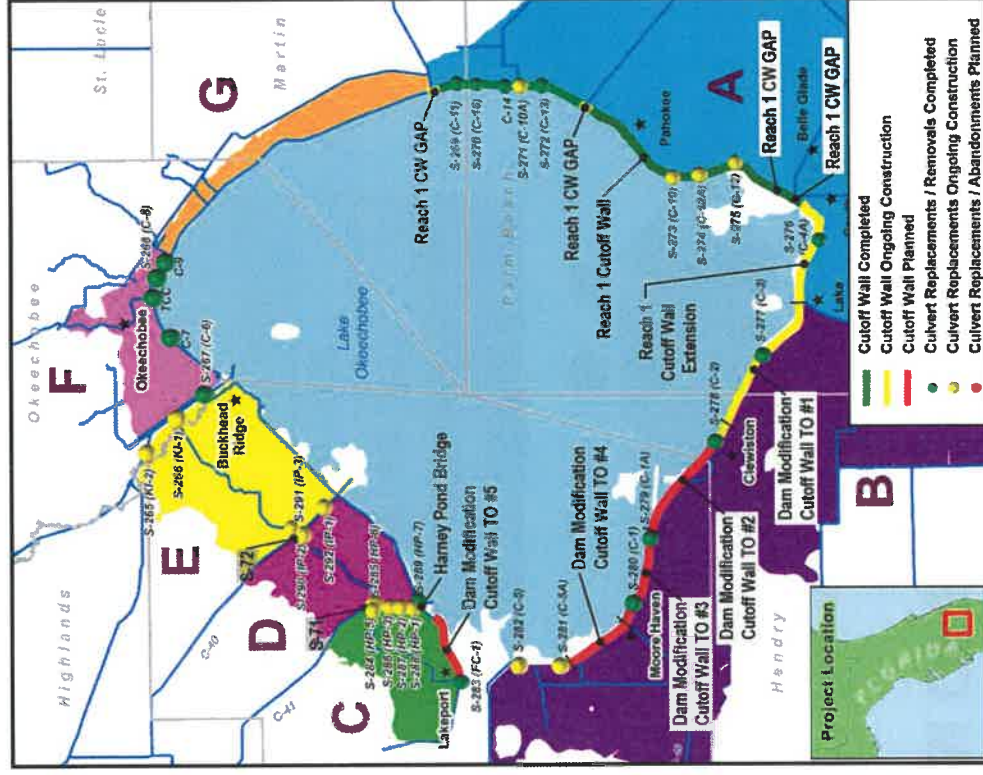
- 21.4 miles of cutoff wall in Reach 1
- 12 culvert replacements
- 4 culvert removal / abandonments

Ongoing Work

- 16 culvert replacements (11 contracts)
- Reach 1 Cutoff Wall Gap Closures
- Reach 1 Cutoff Wall Extension (6.6 miles)
- Cutoff Wall MATOC Task Order #1 (8.4 miles)

Planned Work

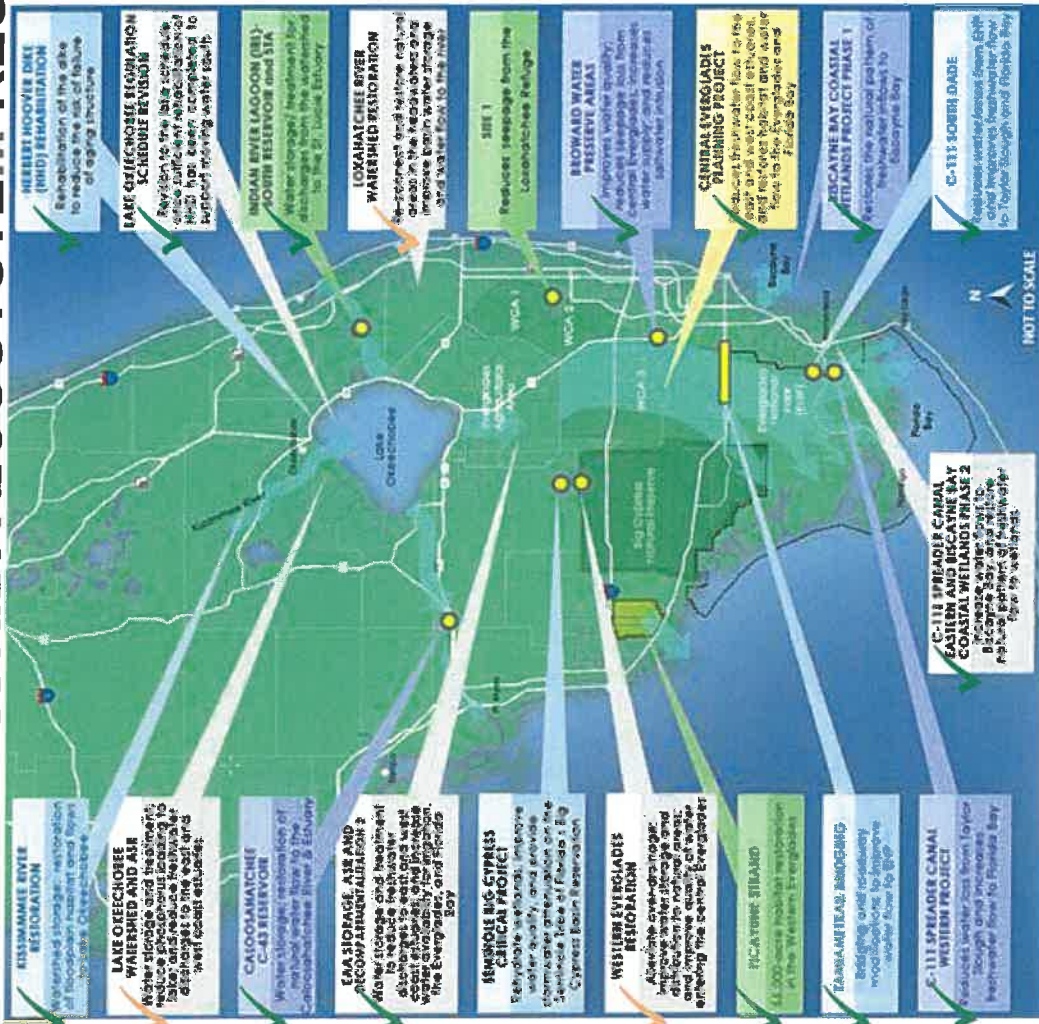
- Cutoff Wall MATOC Task Order #2 (7.0 miles)
- Cutoff Wall MATOC Task Order #3 (5.2 miles)
- Cutoff Wall MATOC Task Order #4 (3.9 miles)
- Cutoff Wall MATOC Task Order #5 (4.1 miles)
- Harney Pond Bridge Armoring
- S-71 and S-72 Embankment Armoring
- All Zones completed by 2022





SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

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FY19 SFER Construction Budget

■ TOTAL \$124,046,430

FY20 SFER Construction Budget

- President's Budget \$ 63,255,000
 - IRL-S: C-44 only
 - PSRP
 - BBCW Ph I: design
 - C-43 oversight
- President's Revised \$200,000,000
 - IRL-S: C-44 & design for C23/24 reservoirs/STAs
 - PSRP
 - BBCW Ph I: design and construction
 - BBCW Ph II: design
 - C-43 oversight and PACR
 - KRR completion in 2021 (not 2022+)
 - BCWPA: C-11 design for 2021 construction
 - CEPP: continue design and initiate construction