

Spring Lake (Lake 11) / East Lake (Lake 31)

Constituents of Concern	Source/COC rationale	BMP(s) to minimize constituents	Imagery
Chlorophyll a	Exceeds FDEP surface water standard for downstream waterbody (Naples Bay / Gordon River)	Dredging	
Copper Cu	Wood, 2019a and 2019b	Dredging	
Dissolved Oxygen	Wood, 2019a and 2019b	Aerators	
Total Nitrogen TN	Wood, 2019a and 2019b	Nutrient separating baffle boxes, dredging, wetland treatment system, and littoral shelf grading and planting	
Total Phosphorus TP	Wood, 2019 Wood, 2019a and 2019b	Nutrient separating baffle boxes, dredging, wetland treatment system, and littoral shelf grading and planting	
TSS	Wood, 2019a and 2019b	Dredging, nutrient separating baffle boxes, wetland treatment system, floc logs, littoral shelf grading and planting	
Fecal Coliform	Wood, 2019a and 2019b	Dredging, community education	

Sediment Pollutant Removal via Dredging

Dredging Spring Lake will remove:

- 43,201.81 lbs of total nitrogen
- 8,699.73 lbs of total phosphorus

Dredging East Lake will remove:

- 2,683.99 lbs of total nitrogen
- 203.49 lbs of total phosphorus