

Restoring Resiliency in Lake Worth Lagoon

Building Nature-Based Solutions in an Urban Estuary

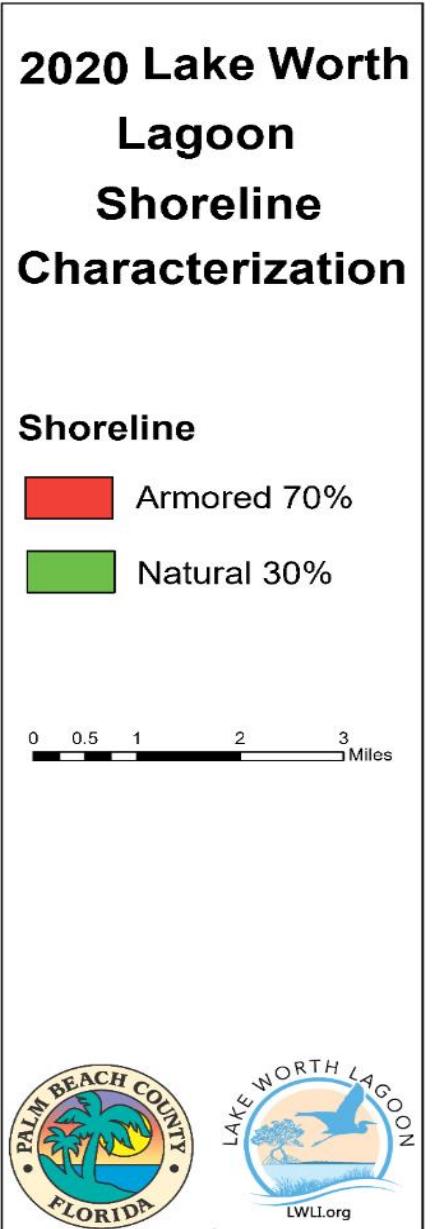


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Palm Beach County





Lake Worth Lagoon Conditions



Palm Beach County's Portfolio



Shoreline Planters



Filling / Intertidal Islands



Exotic Removal /Scrape Down



Artificial Reefs



Breakwaters & Oyster Reefs

Since 1990:

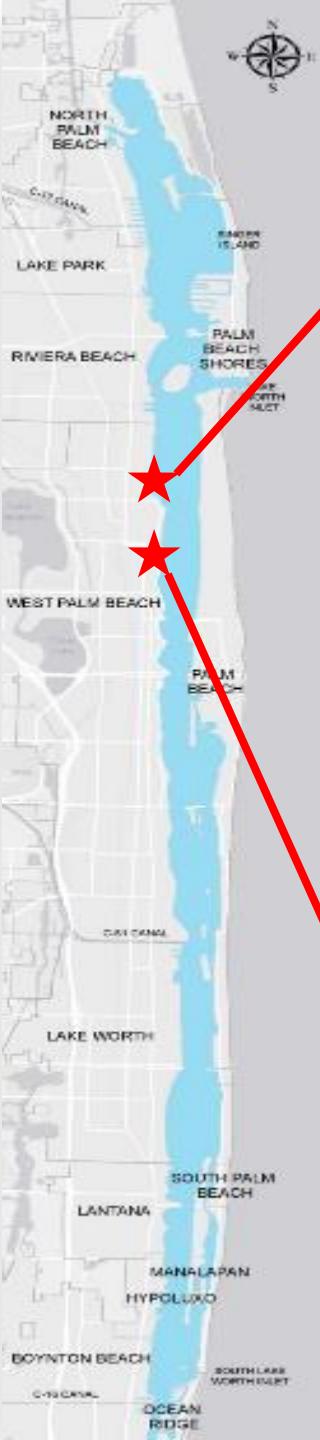
- 60 projects resulting in over 330 acres of created / restored habitat.





Nature-Based Hybrid Design





Osprey Park



Currie Park

- Site Conditions:
- New seawall
- Riprap
- Natural Beach







Design Considerations:

- Riparian Rights
- Existing Views
- Utilities
- Resources
- Water Depths
- Maintenance
- Cost









Project Accomplishments:

- Balanced design enhancing 50% of existing seawall with living shoreline
 - Planters varied between 50 and 100 feet in length
- Created 0.26 acre of mangrove habitat



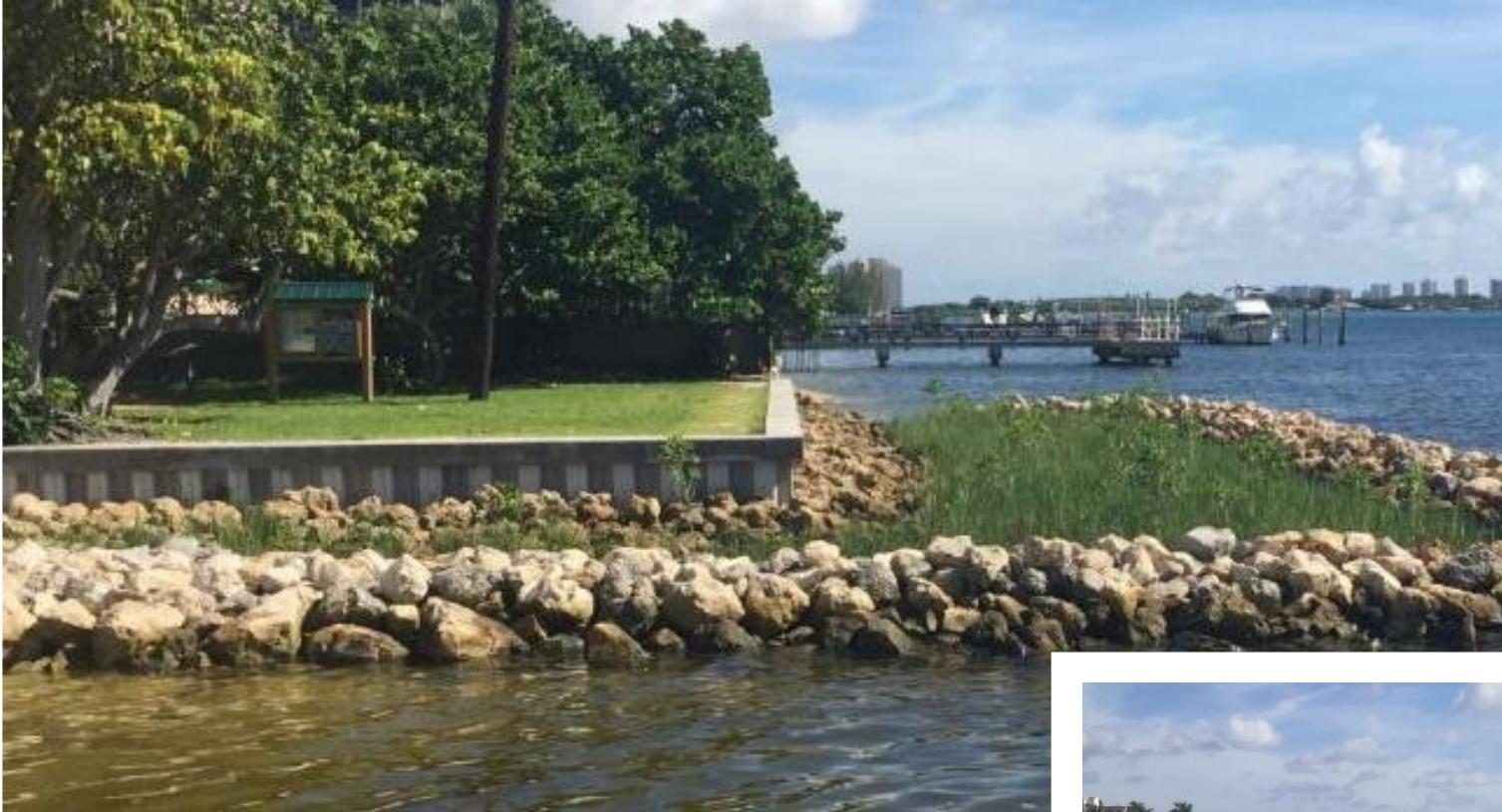


Osprey Park



Currie Park





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Currie Park





Currie Park

Osprey Park





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