



### Coastal Wetland Impacts

- Agriculture (grazing, other cultivation, firewood, charcoal)
- Oil field development
- Filling (sometimes with dredging)
- Ditching
- Impounding



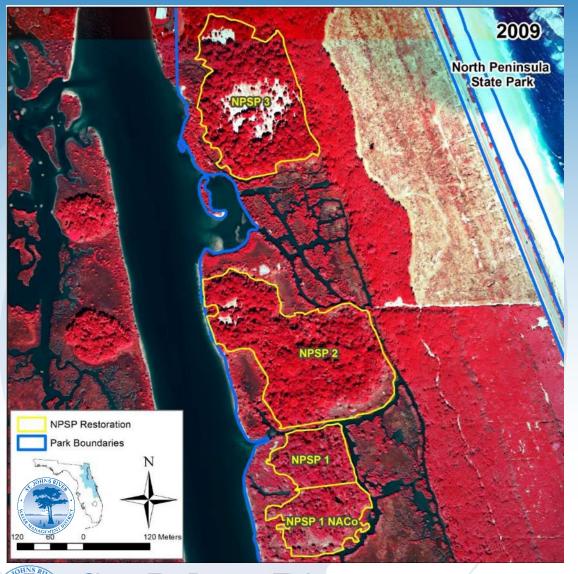
## **Dredge Spoil Removal**



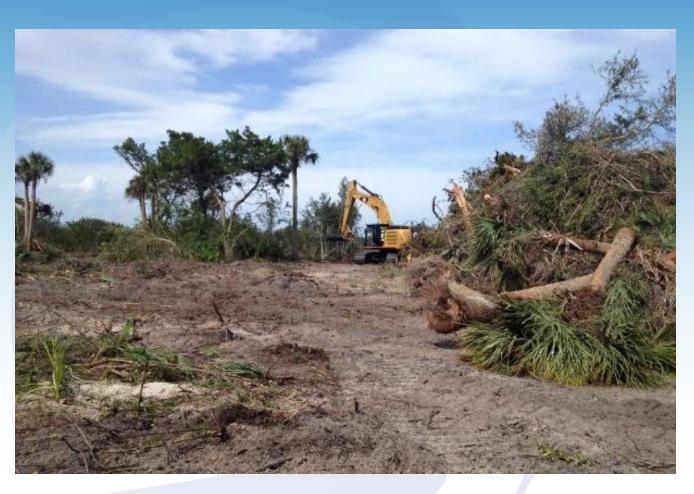












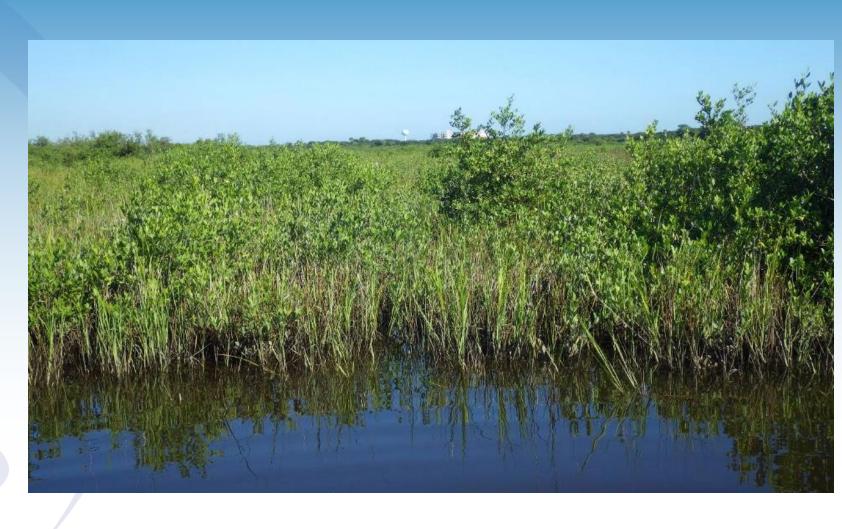




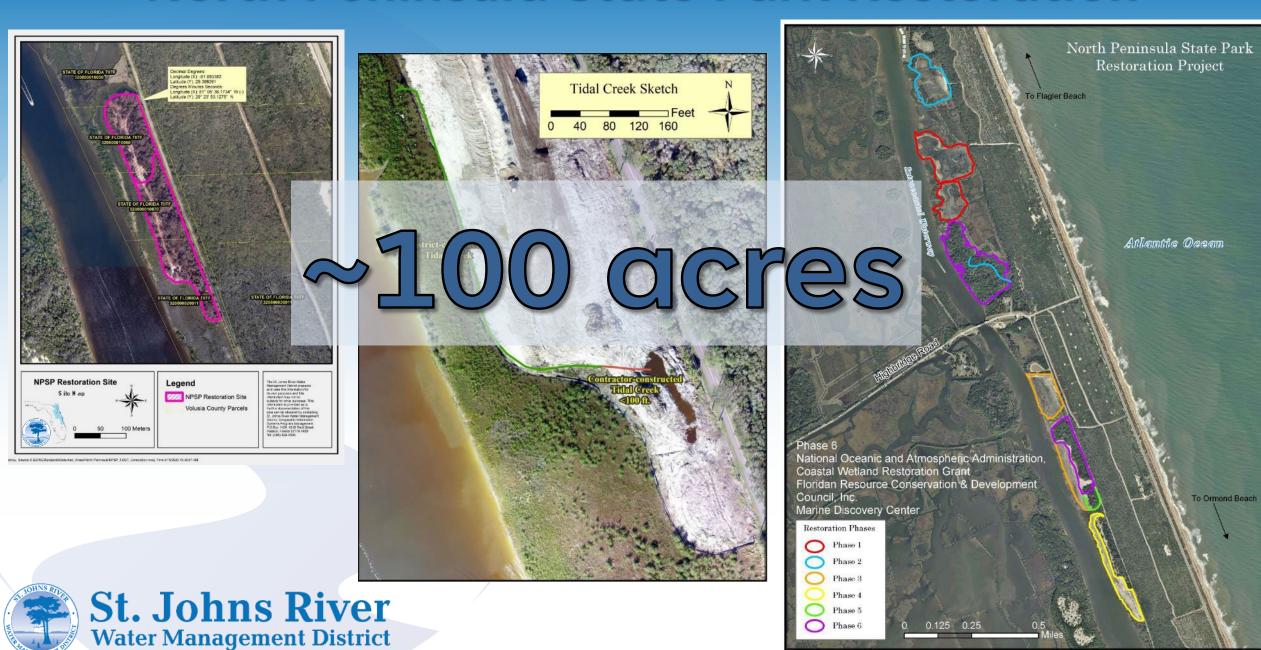




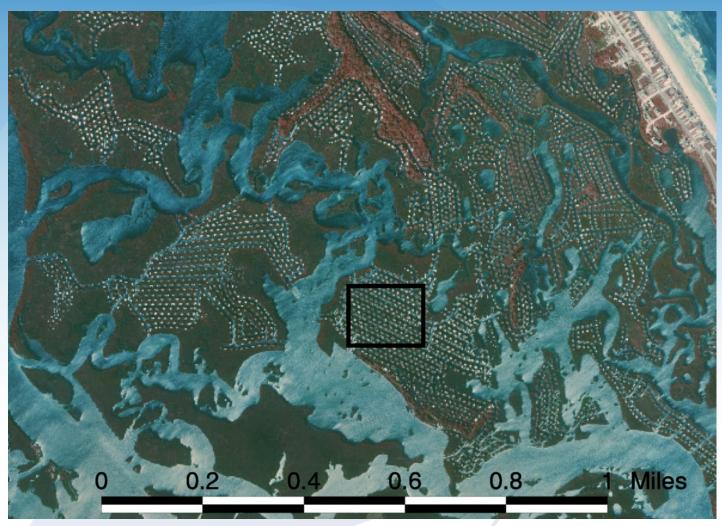








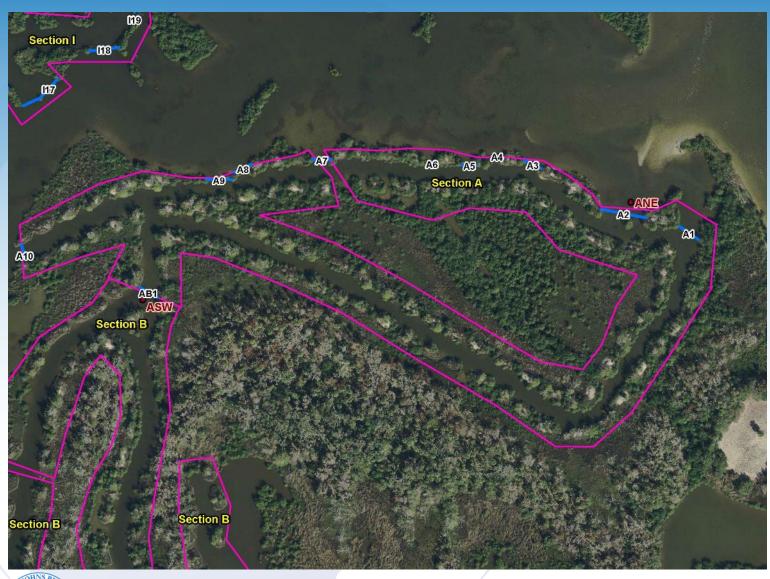
## Dragline-impacted Wetland Restoration



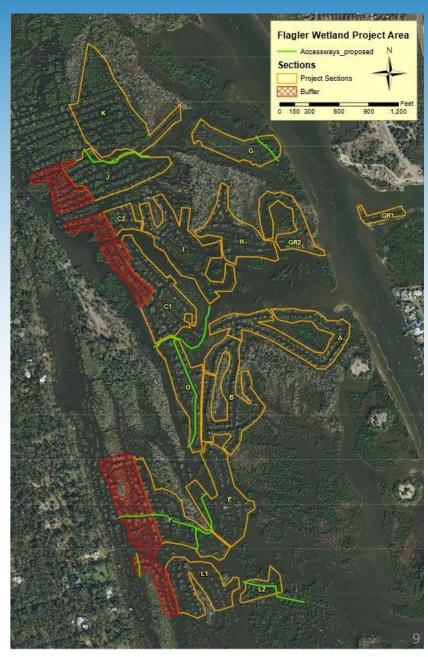












Pre-condition spoil piles and ditches



**Leveling restored areas** 



Areas returned to wetland elevation





March 2022



# Dragline-impacted Wetland Restoration

Ditches near C-8 Impoundment January 2008

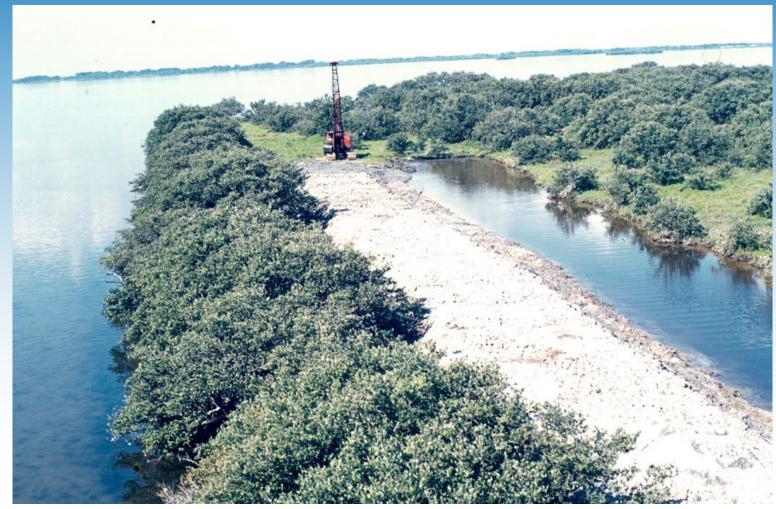






Ditches near C-8 Impoundment November 2018

# Impoundments







#### **Coastal Wetland Solutions**



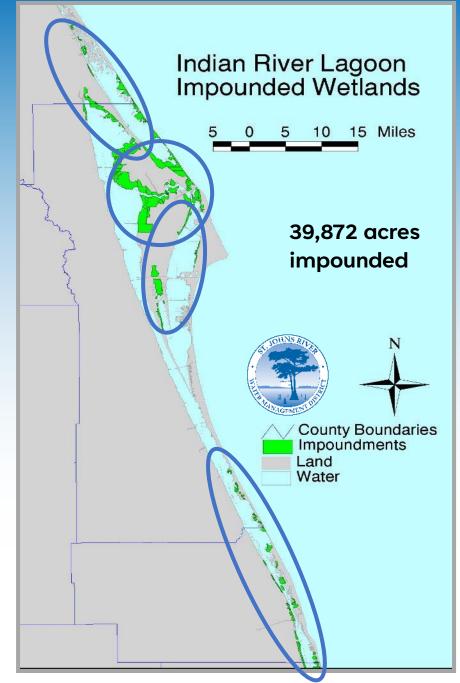
Target: 38,980 acres

Reconnected: 27,616 acres

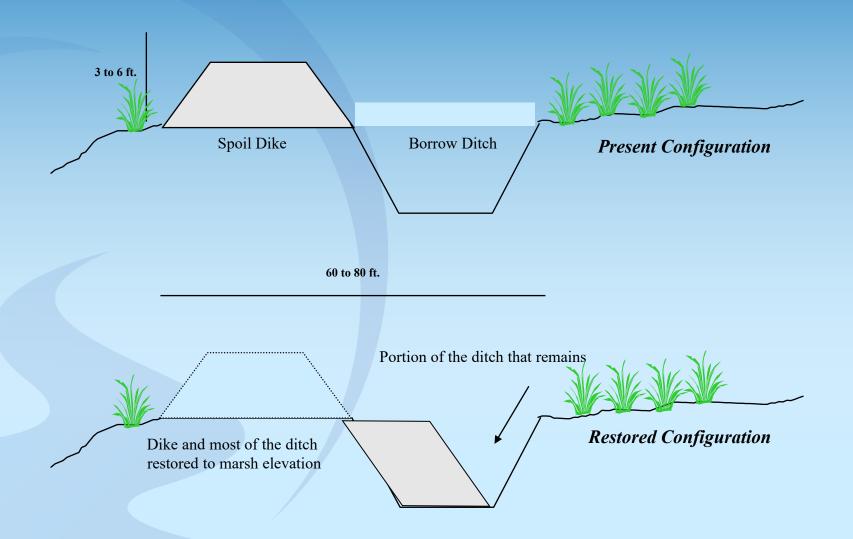
Breached: 1,153 acres

Restored: 3,255 acres

Remaining: 6,956 acres

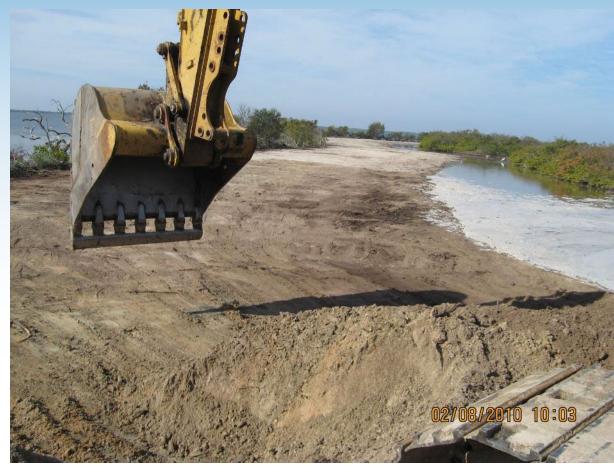


## Dike Removal Technique



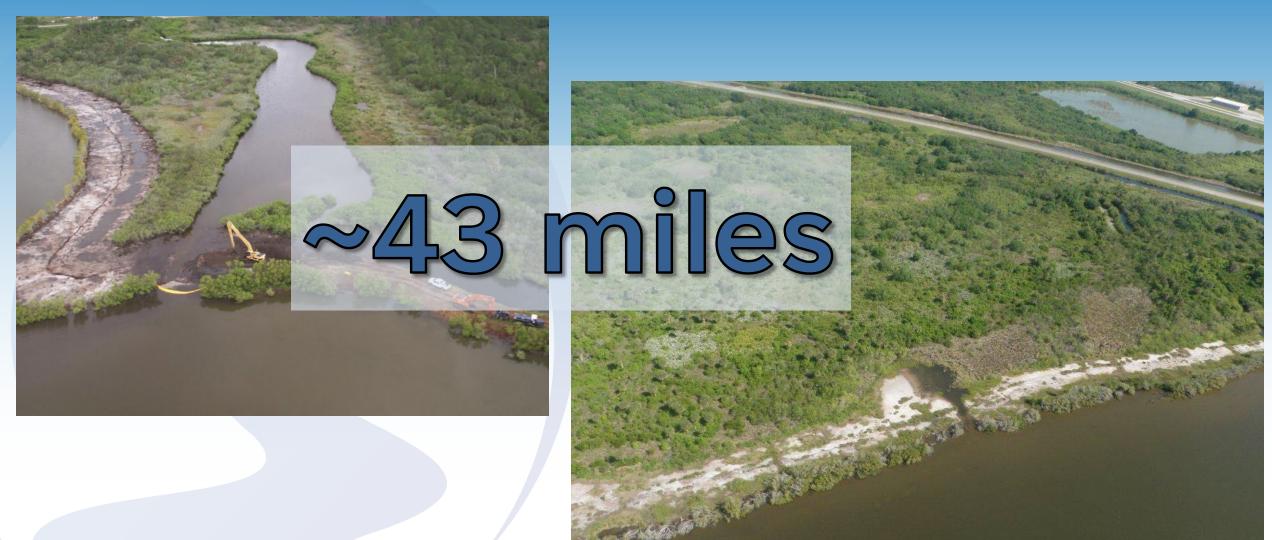
## Impoundment Dike Removal



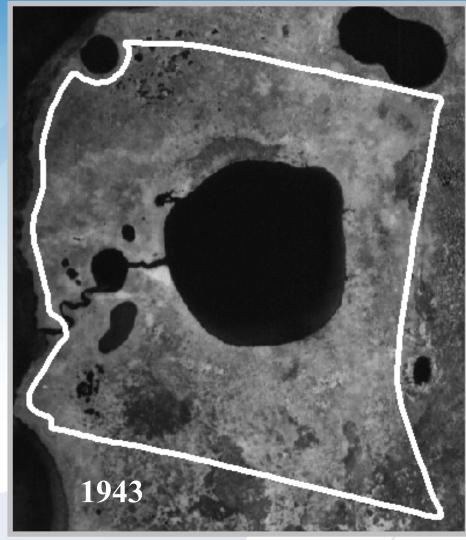




## Impoundment Dike Removal



#### Photo Comparison of T-10-D





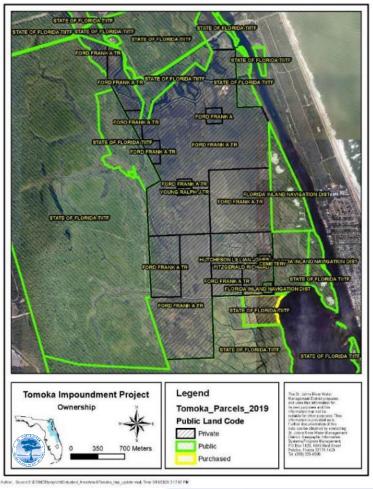


## Filling Subsided Wetlands



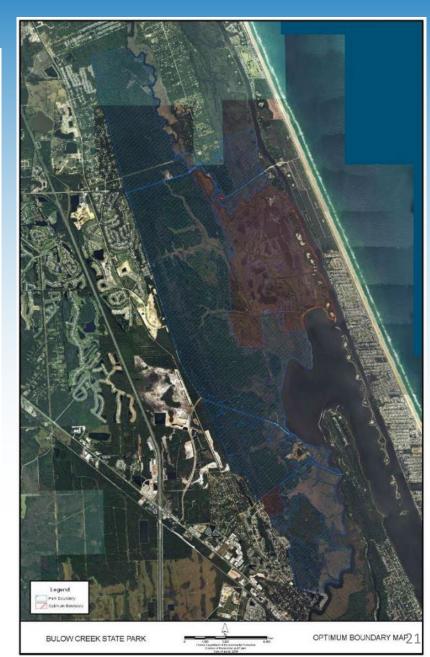


### Tomoka Impoundment Area Restoration

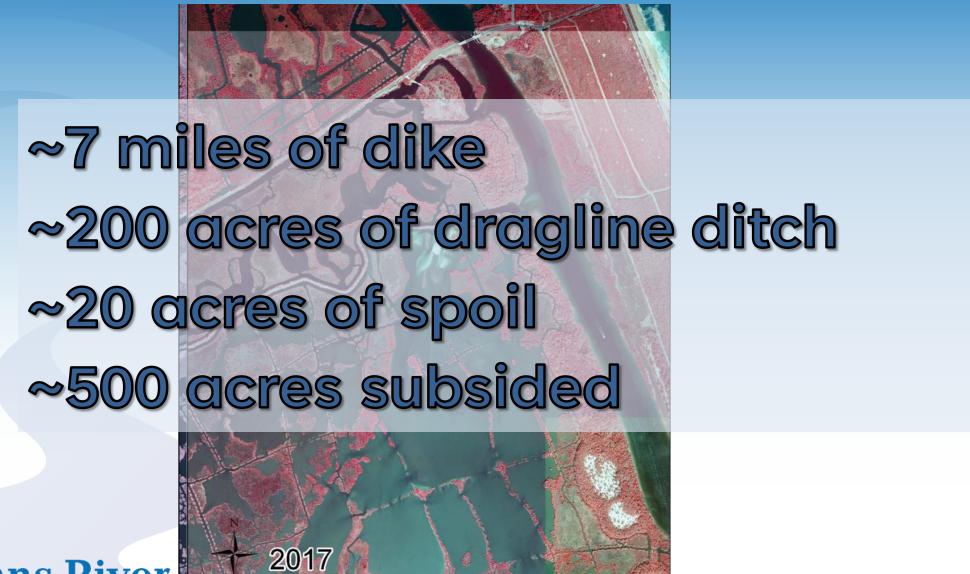








### Tomoka Impoundment Area Restoration



#### Questions?

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Bringing Back our Coastal Wetlands <a href="https://storymaps.arcgis.com/stories/e4d0f606c20240999f92fa76fe9e6e86">https://storymaps.arcgis.com/stories/e4d0f606c20240999f92fa76fe9e6e86</a>

