

Save Our Indian River Lagoon Project Plan



Funded by a Voter-Approved ½ cent Sales Tax

Save Our Indian River Lagoon Trust Fund Accountability

- Fiscal Controls and Annual Audits
- Project Selections Based on Science
- Citizen Oversight Committee
- Good Governance & Transparency
- Community Partnerships & Engagement

HOW DO WE GET TO A HEALTHY LAGOON?

REDUCE Excess Nitrogen and Phosphorus Inputs

- Fertilizer Management
- Wastewater Upgrades
- Septic to Sewer Conversion
- Septic Upgrades
- Stormwater Treatment

RESTORE Nature's Living Filtration Services

- Oyster Bars, Clams
- Planted Shorelines
- Seagrass Beds

REMOVE Accumulations of Decomposing Muck

- Environmental Dredging
- Interstitial Treatment
- Surface Water Remediation

RESPOND to New Information

- Measure Progress
- Update Costs
- Evaluate New Technology
- Consider Substitute Projects
- Update the Plan Annually

Palm Bay North Area Wastewater Reuse Facility Upgrade



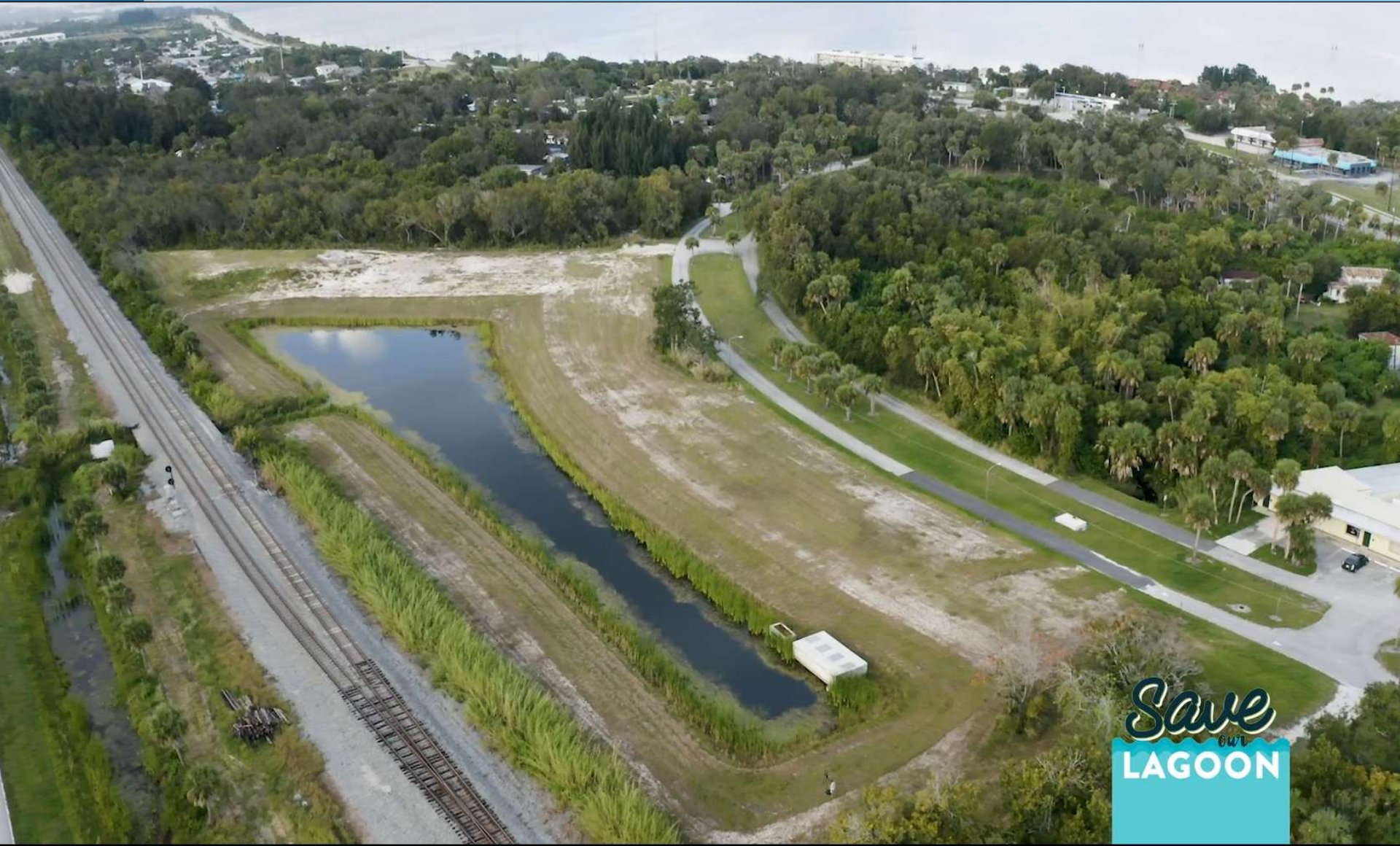
Wastewater Treatment Upgrades

Groundwater Nitrogen Concentrations (June 2018 – August 2019, mg/L TN)



Preliminary results from MRC/Applied Ecology Groundwater Quality Monitoring

Bayfront Stormwater Pond



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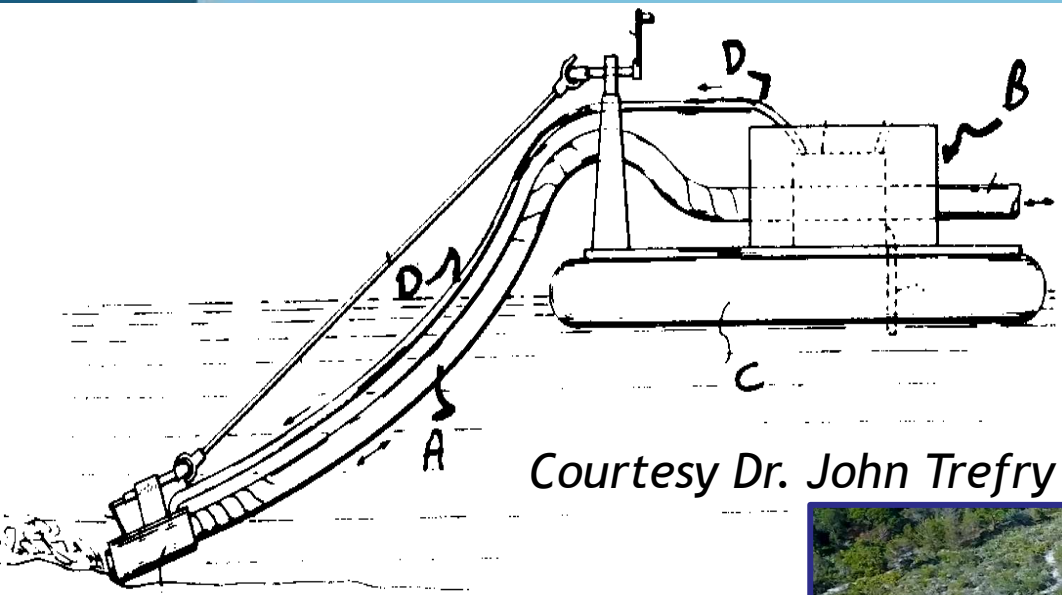
Vegetative Harvesting

Melbourne Tillman Water Control District



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Turkey Creek Muck Removal



Courtesy Dr. John Trefry



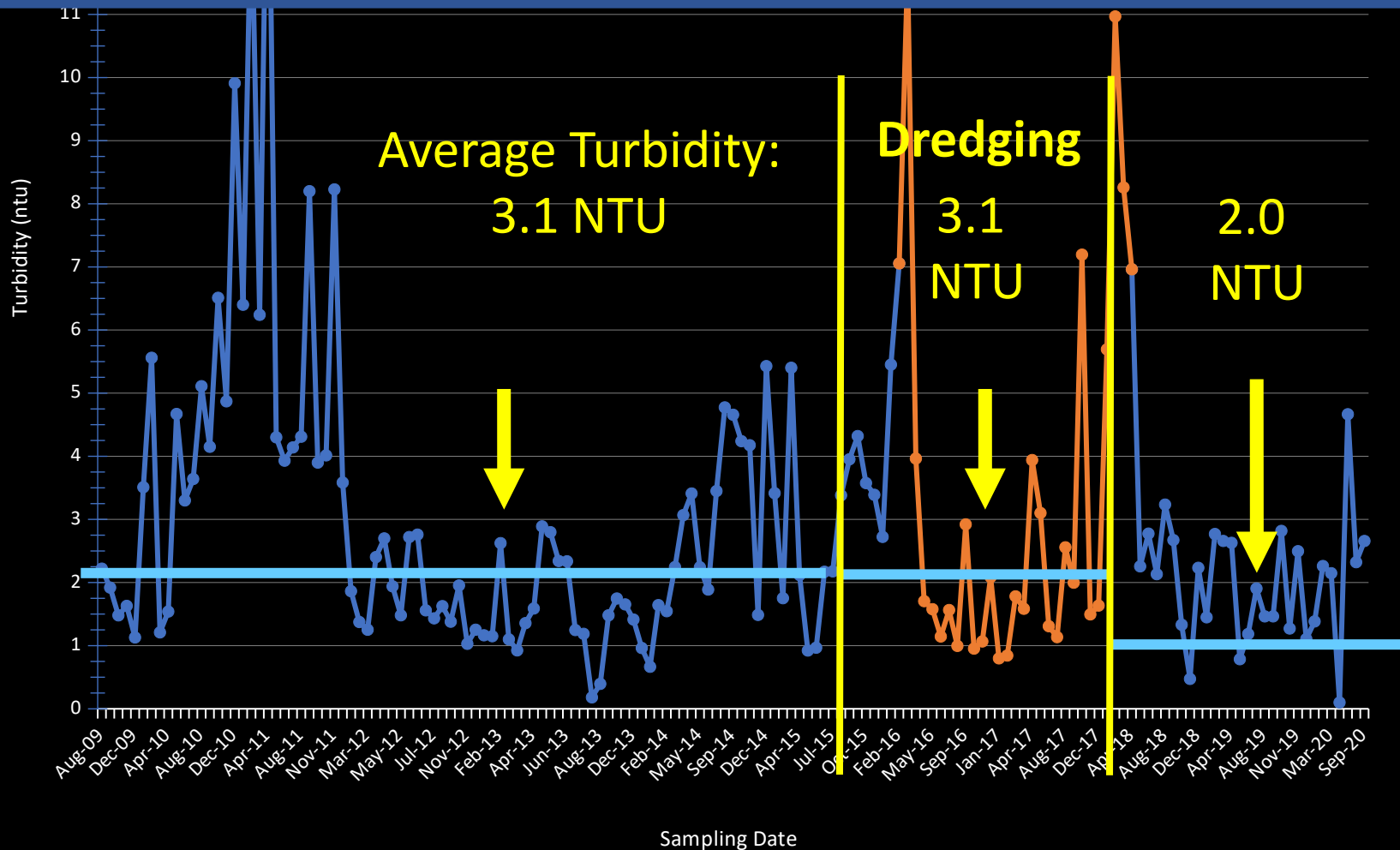
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PERFORMANCE RESULTS FOR MUCK REMOVAL

TURBIDITY - EAST OF TURKEY CREEK





Palm Bay Area Projects

Completed

- Bayfront Stormwater Pond
- Turkey Creek Hurricane Dredge
- Riverview Senior Resort Oyster Bar

Underway

- Vegetation Harvesting
- Palm Bay North Area Reclaimed Water Upgrade

Future

- Septic to Sewer Neighborhood Conversions
- Septic to Sewer Quick Connects
- Septic Upgrades to Advanced Septic
- Stormwater Treatment Projects
- Oyster Bar Projects
- Living Shoreline Plantings

Countywide

- 39 completed, 56 more contracted, 48 to begin construction this year



Project Story Map

brevardfl.gov/SaveOurLagoon



Project Plan



Citizen Oversight
Committee



Meeting Videos



Project Videos



Maps



Septic

Featured Applications



The Save Our Indian River Lagoon Plan Project Map

Save Our Indian River Lagoon projects broken down by project types.

Explore



Brevard County Shoreline Public Map

Story Map providing information on the various types of living shorelines and benefits, plus interactive maps of shoreline data along the Indian River.

Explore



Brevard County Septic Ordinance Tool

The Septic Overlay Map tool provides information on whether a property may fall within the area requiring advanced septic system for new...

Explore

A scenic photograph of a sunset over a body of water. Several palm trees are silhouetted against the sky, which is filled with soft, colorful clouds. A wooden pier or dock extends into the water in the foreground. The overall mood is peaceful and serene.

Questions?

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PHOTOGRAPHY