



**Florida Department of Environmental Protection**  
**Division of Water Resource Management**

# **Palm Beach Island Pilot Beach Management Agreement (BMA)**

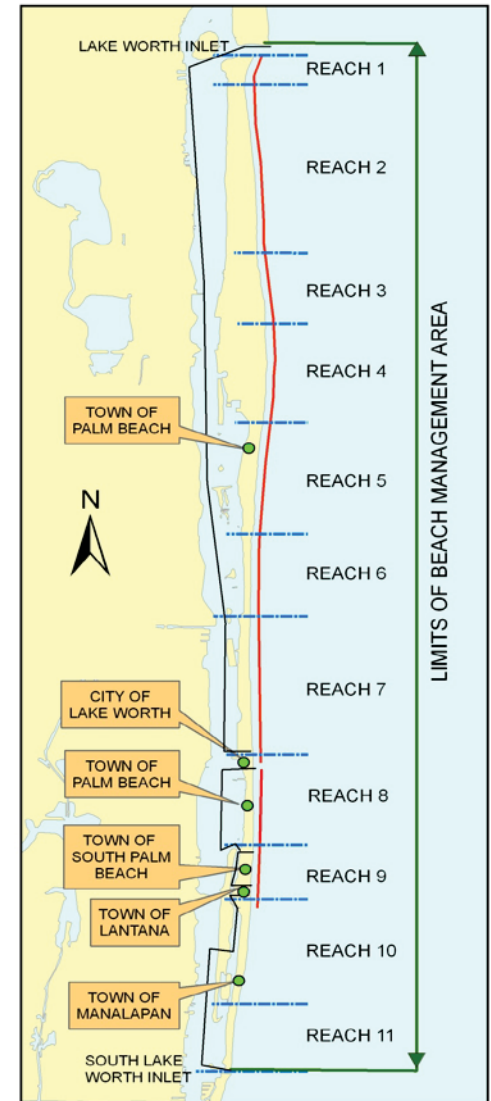
**Beaches, Inlets and Ports Program**  
**December 7, 2016**





# What is the BMA?

- Section 403.0752, Florida Statutes
- BMA Stakeholder Process
- Regional Permit Document
  - Better method of beach management
  - Regulatory requirements must be met
  - Streamlined
  - Perpetual, adaptable, amendable
  - Increased coordination
- Net Ecosystem Benefits Required





# BMA Approved Projects



1. Lake Worth Inlet (LWI) Maintenance Dredging
2. Sand Transfer Plant (STP) 2<sup>nd</sup> Discharge
3. Mid-Town Nourishment
4. Phipps Ocean Park Nourishment
5. Groin Rehabilitations
6. Dune Restorations

**\*\* Future Projects Anticipated \*\***



# Net Ecosystem Benefits

- Inlet Management Improvements
- Outfall Retrofits
- Cell-Wide Turtle / Shorebird Monitoring
- Cell-Wide Hardbottom and Physical Monitoring



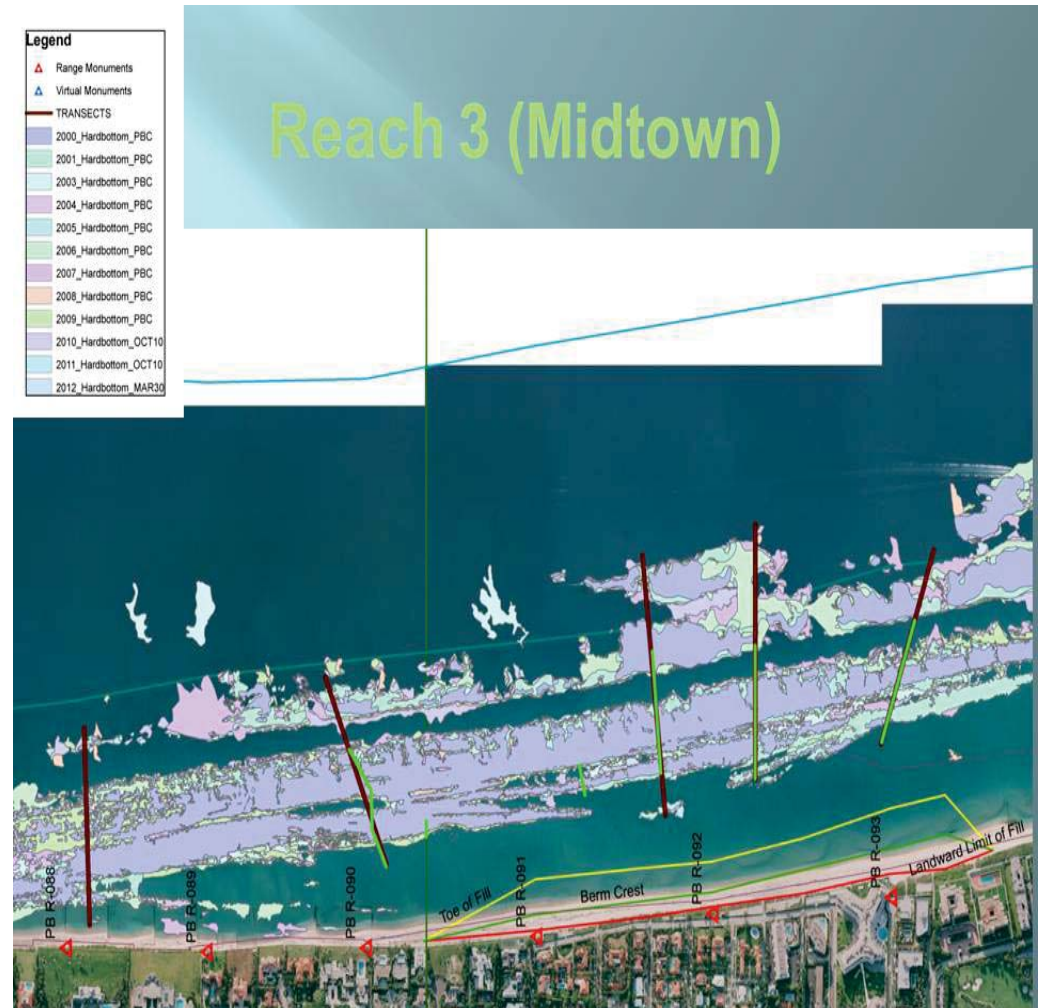
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# Cell-Wide Hardbottom Monitoring

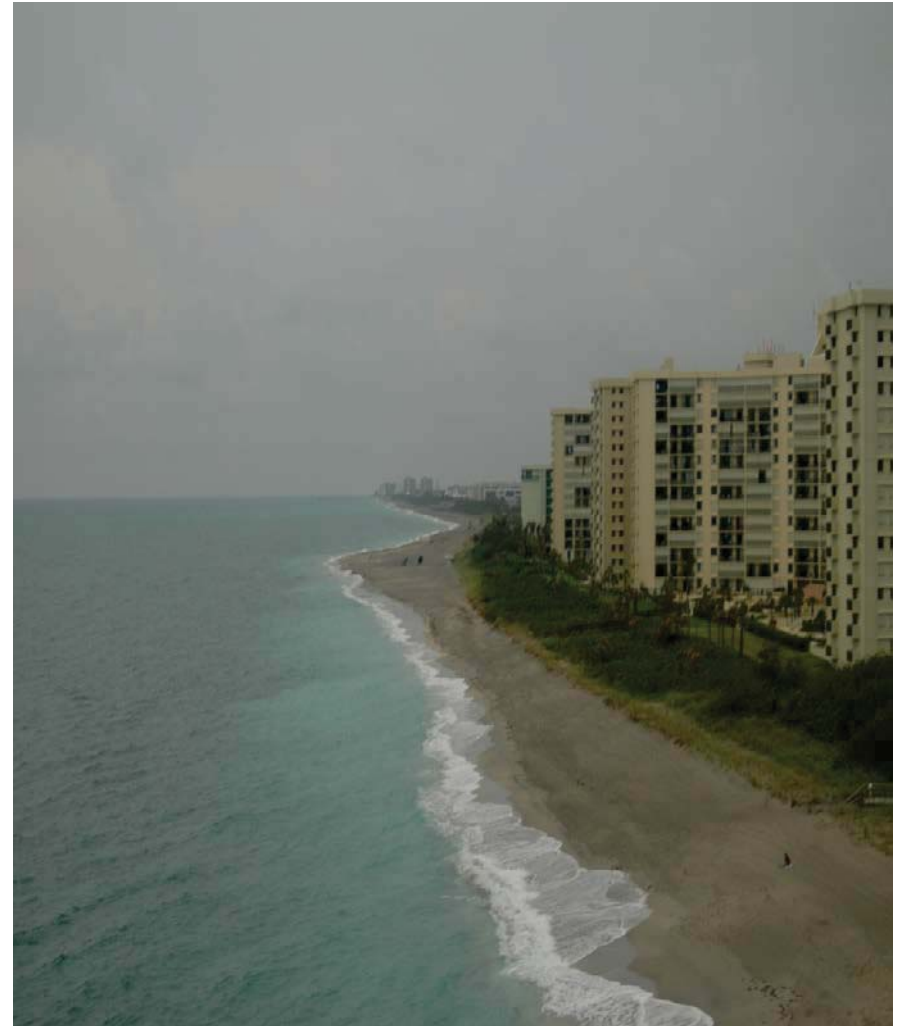
- Two Goals:
  - 1) Satisfy regulatory requirements
  - 2) Understand sand cover variability and resulting habitat shifts
- Reviewed with agencies and academia
- Annual report, 5-year review
- Separate from project impact analysis





# BMA Year 3 Updates

1. BMA executed  
September 26, 2013
2. HB mapping / monitoring
3. Turtle monitoring
4. Physical monitoring
5. Projects
  - Mid-Town
  - Phipps Beach / Dune
  - Reach 8 Dune
  - 2016 Phipps Ocean Park





# Acknowledgements

- Town of Palm Beach
- Palm Beach County
- Coastal Ecogroup, ATM, Tetra Tech, Coastal Tech, CBI, Nova SEU (Southeastern University)
- DEP BMA Team
- FWC
- Stakeholders
  - Agencies
  - Municipalities
  - Interested Parties





# Contact Information

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