

# Florida Department of Environmental Protection



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

*December 4, 2014*

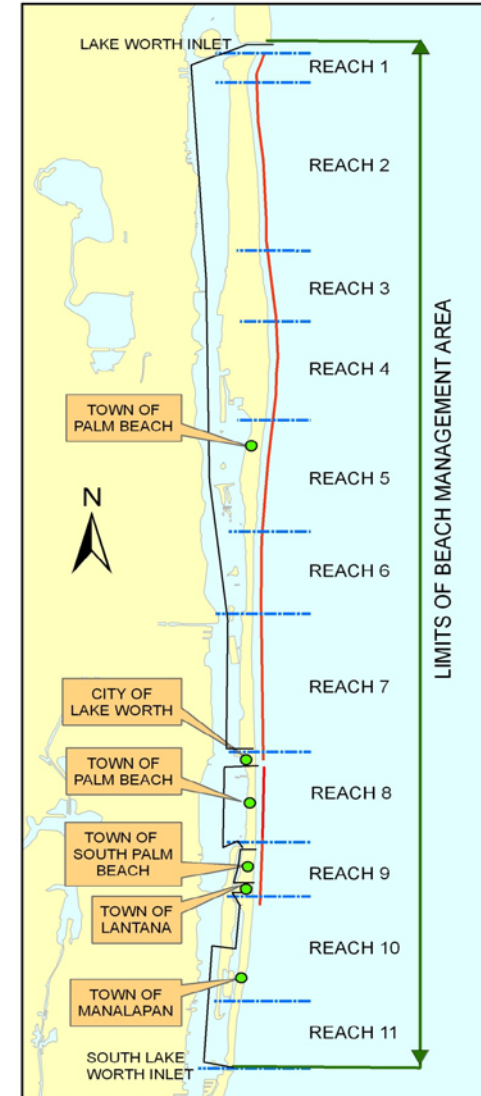
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# What is the BMA?

- 403.0752, F.S.
- 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. LWI Maint. Dredging
2. 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 Monitoring
- Cell- Wide Hardbottom & Physical Monitoring

**\*\* Healthier Beaches, Better Resource Mgmt \*\***





# Cell - Wide Hardbottom Monitoring

- 2 Goals:
  - Satisfy regulatory requirements
  - Understand sand cover variability & resulting habitat shifts
- Vetted with agencies & academia
- Annual report / 5 yr review
- Separate from project impact analysis





# BMA Year 1 Updates

1. BMA executed  
September 26, 2013
2. HB mapping /  
monitoring
3. Turtle Monitoring
4. Physical Monitoring
5. Project initiation
  1. Mid-Town
  2. Phipps Beach / Dune
  3. Reach 8 Dune





# Acknowledgements

- Town of Palm Beach
- Palm Beach County
- Coastal Ecogroup, ATM, Tetra Tech,
- DEP BMA Team
- Stakeholders
  - Agencies
  - Municipalities
  - Interested Parties

