



**Florida Department of Environmental Protection**

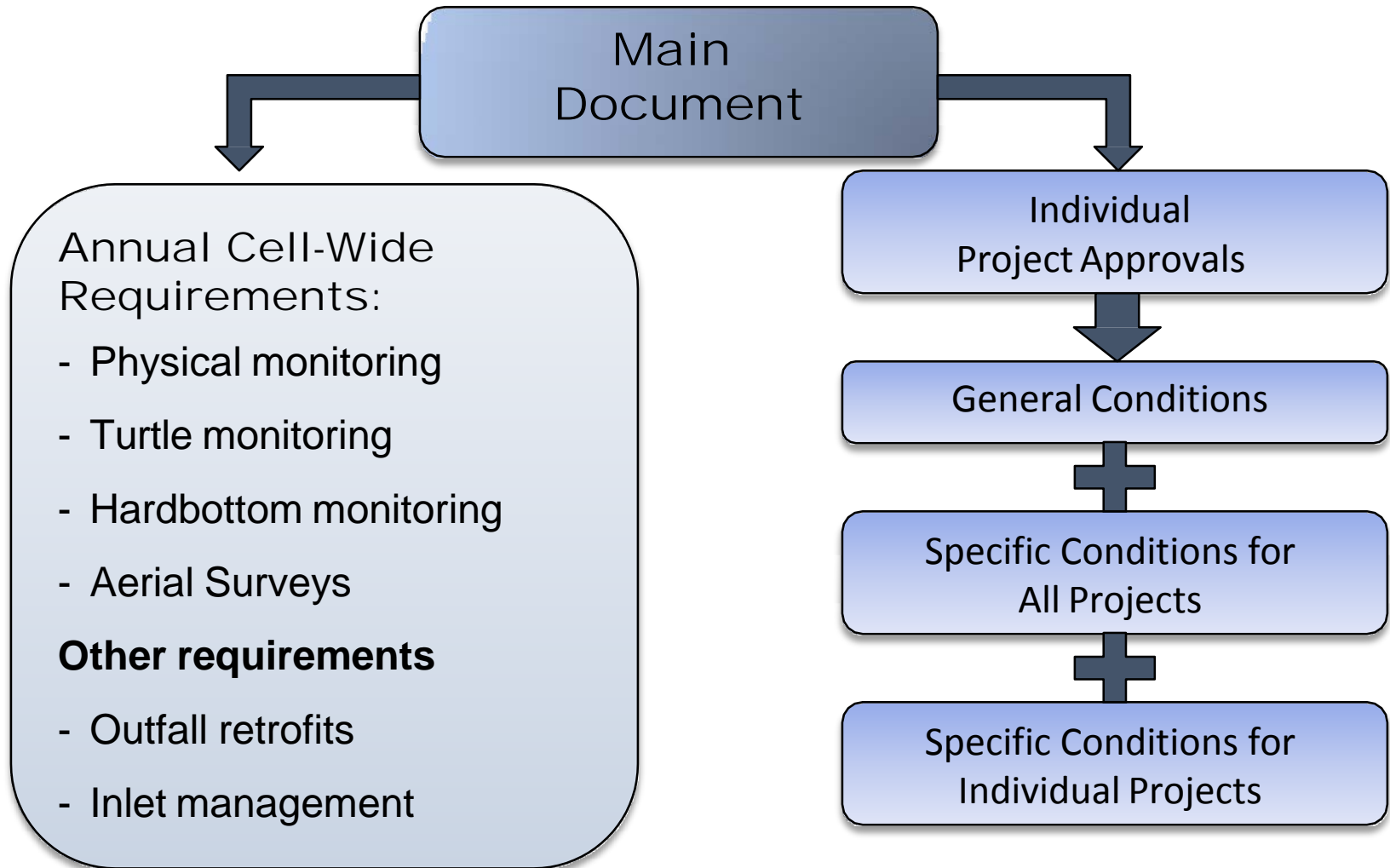
# **BMA Process Review**

*December 4, 2015*  
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# BMA Processes at Work





# IPA Process

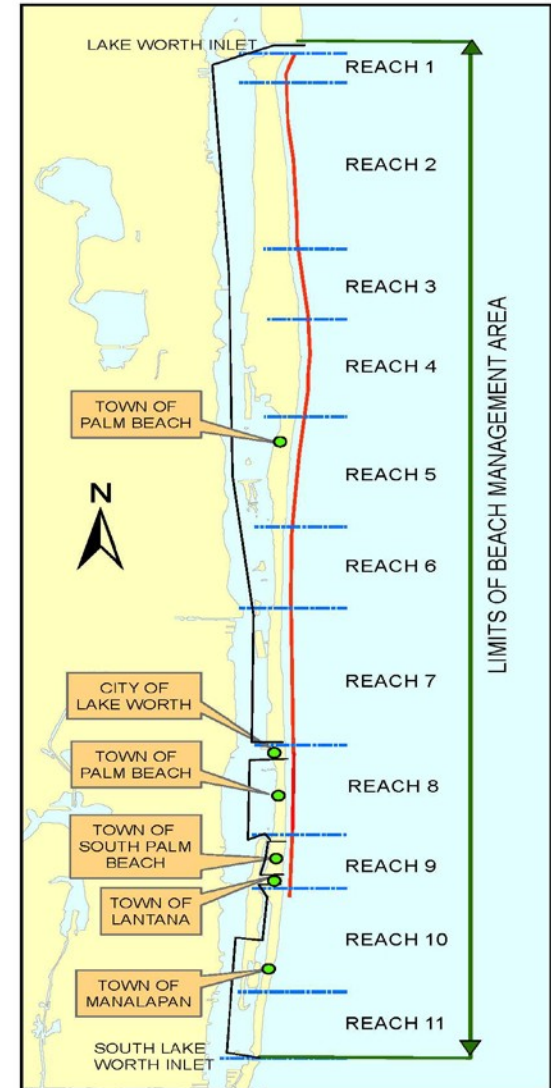
- Individual Project Approval (IPA)
  - Check List
    - Appendix F of BMA
    - In-Water Projects
    - Dune Restoration
  - RAI Cycle
  - Sufficiency Letter
  - IPA Issuance





# IPA – Projects 2015

- Phipps Ocean Park Restoration
  - Two offshore BA
  - Nourishment of 1.2 miles shoreline
  - Optional dune feature
  - Optional stockpile
- Groin Rehabilitation
  - Multiple groins throughout island
  - Phases of work
  - Large scope
  - Undergoing required regulatory review





# IPA – Checklist

## APPENDIX F-2 In-Water Activities IPA Checklist

### IN-WATER ACTIVITIES (NOURISHMENTS, SAND TRANSFER, GROINS)

1.	The Signature page from the JCP application, filled out with Participant and agent.	
2.	Updated addresses, including email address of participant and agents.	
3.	Fee (includes regulatory and proprietary)	
4.	A current BO from the USFWS or NMFS, when the FWCC has determined that the proposed project will result in a take of marine turtles, which could not be authorized without an incidental take determination under federal law. Nourishment Projects are covered under the Statewide Programmatic Biological Opinion.	
5.	A proposed construction schedule.	
6.	Construction plans and specification for the proposed activity, certified by an engineer duly registered pursuant to Chapter 471, FS. Plans shall distinguish between existing (survey) and proposed structures (site plan) and grades, and include the following: <ul style="list-style-type: none"> <li>a. Plan review of the proposed activity depicting the mean high-water line, any easement boundary and the erosion control line (if applicable) within the area of influence of the proposed activity. Include a north arrow and a scale bar on each drawing.</li> <li>b. A sufficient number of cross-section views of the proposed activity depicting the slopes, the MHWL, any easement boundary and the ECL (if applicable) within the area of influence of the proposed activity. Elevations indicated on the cross-sections shall be referenced to the NAVD of 1988 (NAVD88).</li> <li>c. A survey depicting current conditions of the project area in accordance with 62B- 41.008)1)h.</li> <li>d. Computations of volume and composite fill material characteristics of that portion of the borrow area or upland sand source to be used for the individual project.</li> </ul>	
7.	Proof of ECL establishment in project area, if required	
8.	Turbidity monitoring qualifications: construction at the project site shall be monitored closely by an experienced, independent third party to assure that turbidity levels do not exceed the compliance standards established in this BMA. Also, an individual familiar with beach construction techniques and turbidity monitoring shall be present at all times when fill material is discharged on the beach nourishment sites (this does not apply to the discharge from the sand transfer plant). This individual shall have authority to alter construction techniques or shut down the dredging or beach construction operations if turbidity levels exceed the compliance standards established in this BMA. The names and qualifications of those individuals performing these functions, along with 24-hour contact information, shall be submitted for approval.	
9.	Turbidity Scope of Work (SOW) for the turbidity monitoring that confirms the availability of the equipment necessary to carry out the monitoring. The SOW shall list the equipment that would be used to reach the monitoring sites in the surf zone sites, nearshore sites, and offshore sites, e.g., the type of boat, a jet ski, a surf board. Etc. The SOW shall also list the type of equipment that will be used to collect samples and/or measure turbidity levels.	
10.	For any groin or bypassing structures: a legal property description and acreage of any sovereign submerged land that would be encompassed by the requested lease or easement, plus one (1) print of a survey prepared, signed and sealed by a person properly licensed by the Florida State Board of Land Surveyors.	
11.	For any groin or bypassing structures: A list of the names and addresses of owners of all riparian property within 1,000 ft. (and within a 500 ft. radius) of the proposed SSL easement or lease site from the latest county tax roll. If property is under cooperative or condominium ownership, the name and mailing address of the cooperative or condominium association will be adequate. Alternately, you the BMA participant, can notice these individuals of the pending easement. This would not apply to off-shore leases or easements that are not located within 1,000 feet of the shoreline.	
12.	Letter of Approval from the Department of State, Division of Historical Resources.	



# IPA timeline - PHIPPS

Submittal of IPA materials –  
8/7/2015  
Distribute

IPA Meeting  
(8/20/2015)

DEP issues Sufficiency  
letter (10/27/2015)

IPA issued (10/29/2015)

Total Time =  
83 days



# Annual Monitoring

- Second cycle completed
  - Physical Monitoring
  - Hardbottom monitoring
  - Turtle Monitoring







# Better Inlet Management

- Working with USACE to modify LWI maintenance dredging permit
- Increase beach sand placement template to the south
- Will work to incorporate monitoring requirements into BMA







# Stormwater Outfall Removal





# BMA Processes at Work

- IPA Process
  - *Better interagency coordination*
  - *Permitting process flexibility*
  - *Expedited permitting*
  - *Alternative monitoring and reporting requirements*
  - *Coordinated permitting and inspections*
  - *Informal resolution of compliance issues*
- Annual Requirements / NEB
  - *Annual Monitoring*
  - *Stormwater retrofitting*
  - *Better inlet management*





# Questions / Updates

BMA Website (FL DEP):

<http://www.dep.state.fl.us/beaches/pb-bma/index.htm>

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