

# Environmental Compliance History

**AAPA QPI Project Managers Workshop** 

December 2008

# Agenda

- Project Definition
- Potential Impacts
- Permit History
- Mitigation Activities
- Discussion

# Project Definition

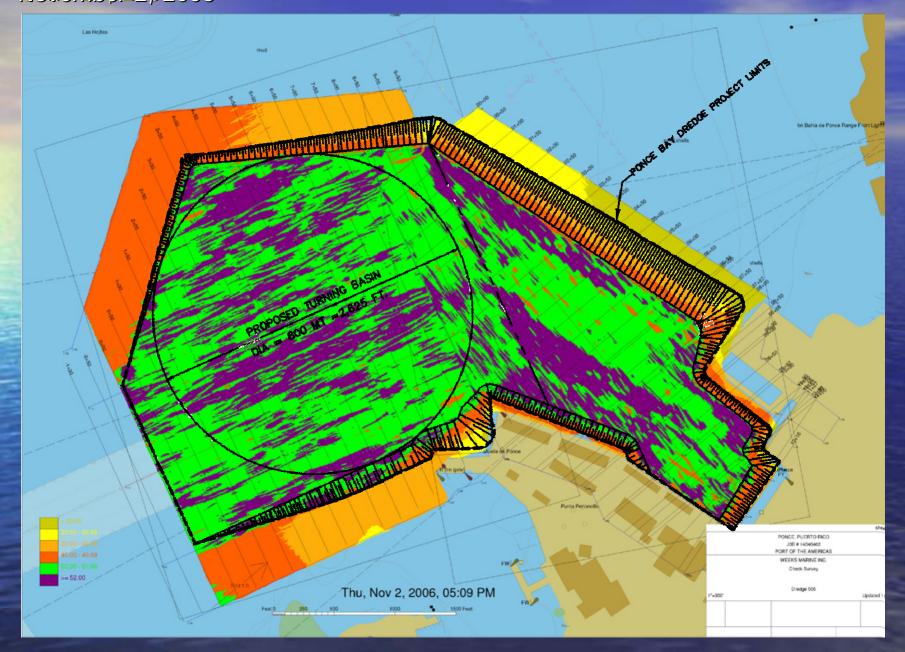
- Dredging 248 acres of submarine bottoms to 50 ft bmsl (~ 5.5 MM m³) to be discharged at ODMDS.
- Fill 59 acres of wetlands adjacent to the Port of Ponce.
- Development 132 acres of a previously undeveloped upland adjacent to the port for value-added activities.
- Inland navigation channel length of 3,000 feet, average width of 800 ft, and a navigation depth of 50 feet below mean sea level (bmsl) (3.4 MM m<sup>3</sup>).

# Permit History

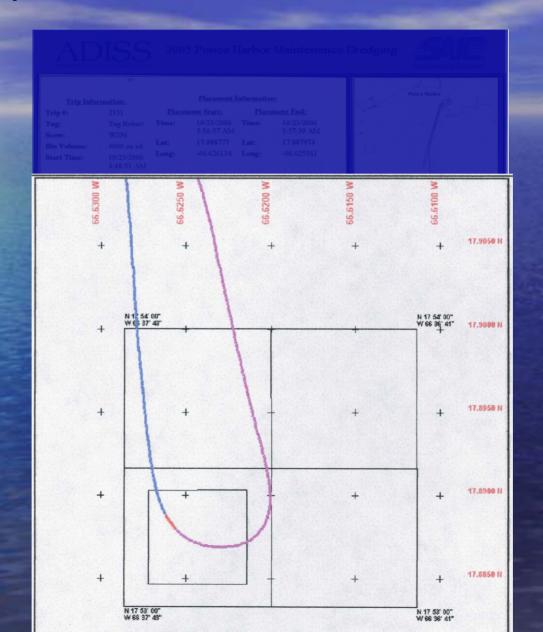
Local EIS (JCA)	✓May 22, 2004
Coastal Zone Management Program (JP)	✓May 28, 2004
Water Quality Certificate (JCA)	✓August 26, 2004
Site Location Approval (JP)	✓August 27, 2004
US ARMY Corps of Engineers Permit	✓ February 5, 2005
✓ Section 10 Rivers & Harbors Act	
✓ Section 103 Marine Protection,	
Research and Sanctuaries Act	
✓ Section 404 Clean Water Act	



# Aetual Bathyraethymetry November2202006



#### **ADISS Report**



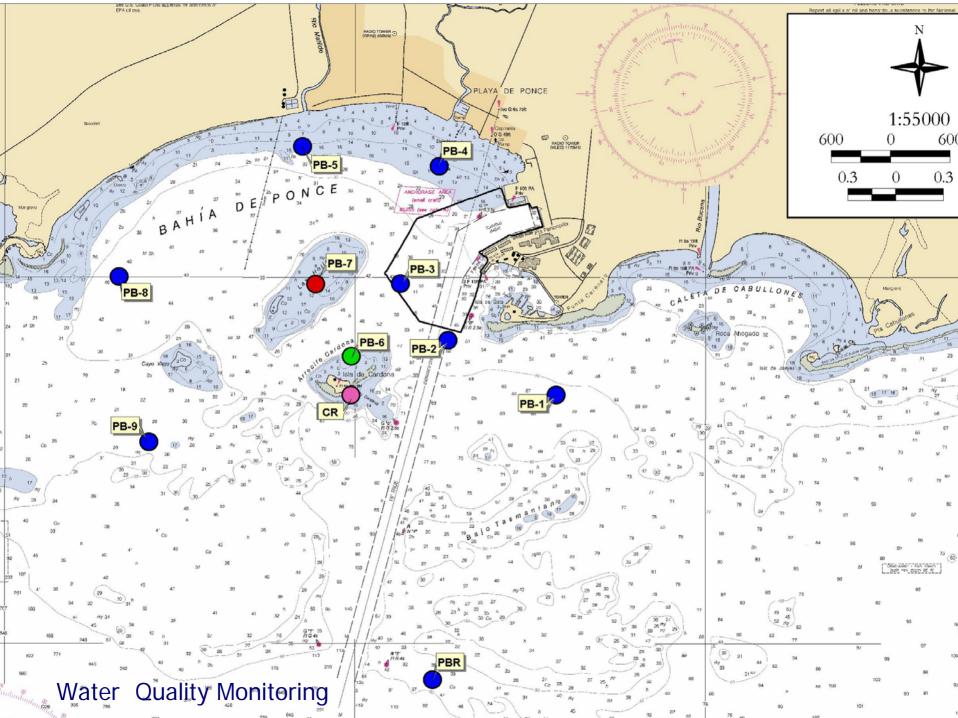
# Dredging Facts/ Accomplishments

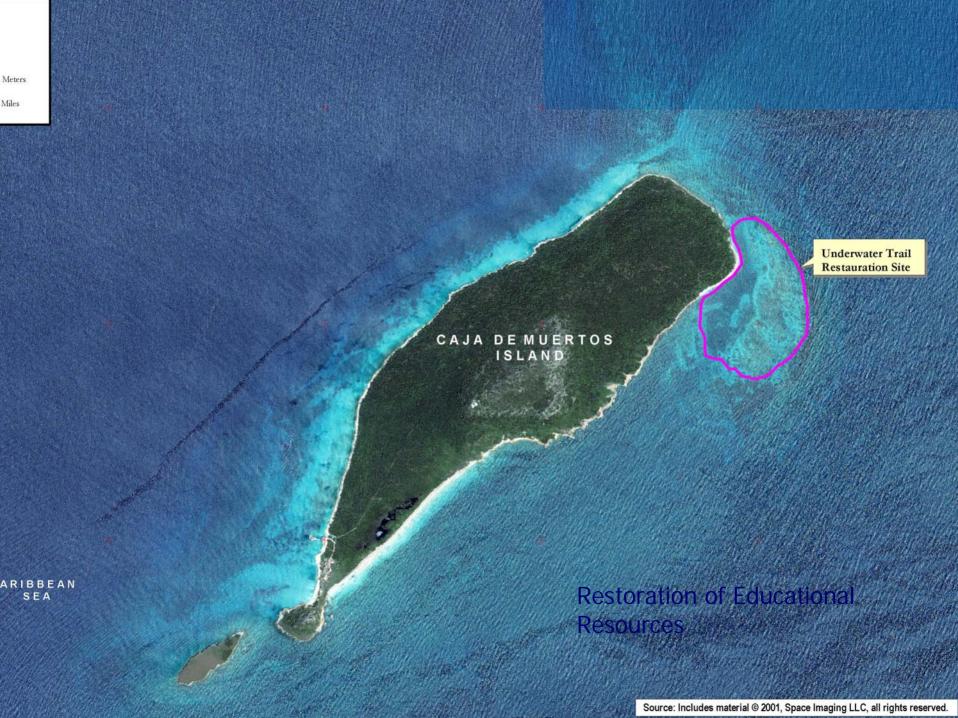
- 2007 Outstanding Engineering Project Award— PR Board of Engineers and Surveyors
- USGS Provided support through joint agreement with POA
- ADDISS Resulted in successful monitoring and mitigation tool for contractor performance



**Navigation Channel: Benthic Habitats** 

- Submerged Habitat Conservation Program
  - Monitoring during dredging
    - Manatee Watch Program
    - Sediment & Turbidity Monitoring
    - Physicochemical Water Quality
    - Benthic Habitats
  - Mooring buoy installation
  - Underwater Trail at Isla Caja de Muerto
  - Public Education and Outreach

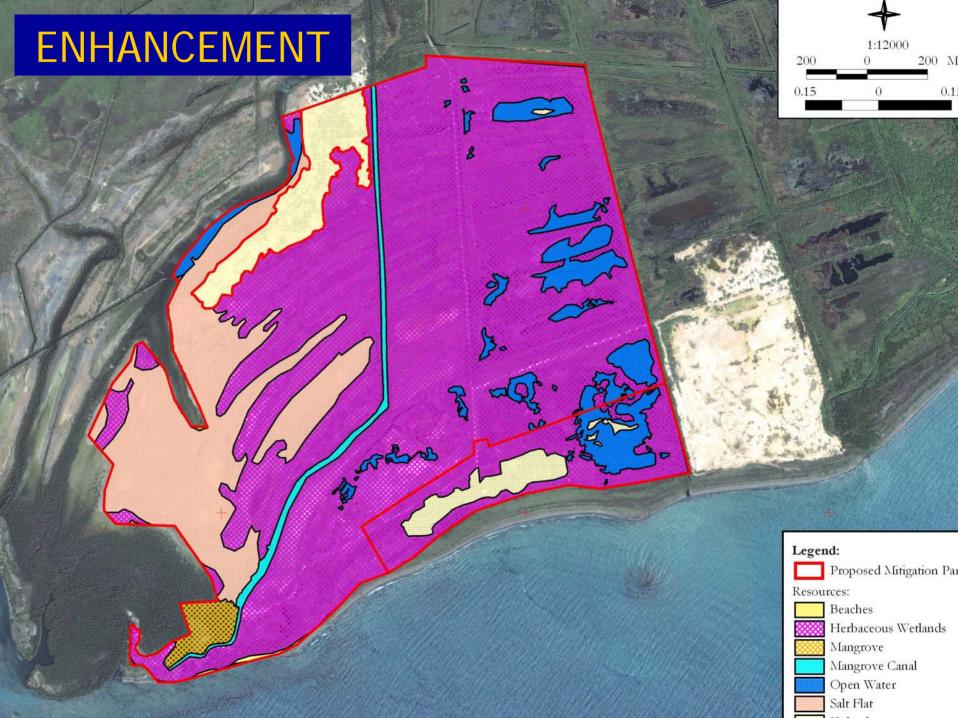




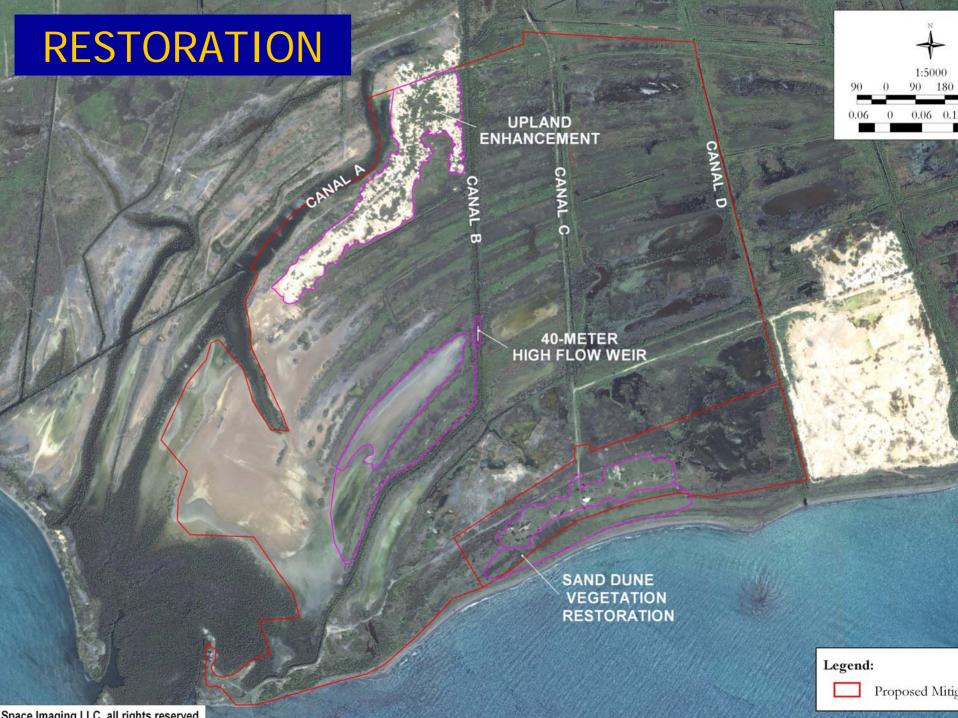
- La Esperanza Farm
  - Preservation of mitigation site
  - Enhancement of upland areas
  - Sand dune vegetation restoration
  - Habitat Conservation



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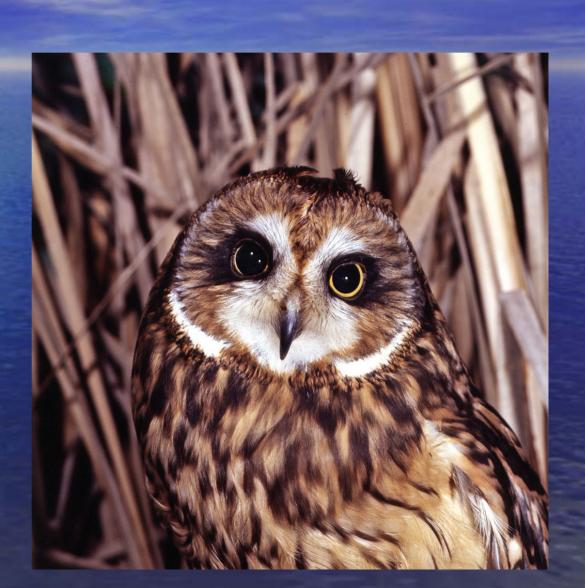
Gorrión chicharra
 Ammodramus savanarum
 borinquensis



Playero aliblanco Tringa semipalmata



• Múcaro real Asio flammeus



OstreroHaematopus palliatus



 Chorlo marítimo Charadrius wilsonii



Lagartijo ponceño Anolis poncensis



Cobana Negra Stahlia monosperma



Uva Playera Coccoloba uvifera



