Port of San Diego
Restoration & Enhancement Project
South San Diego Bay

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South San Diego Bay
Restoration & Enhancement Project

- Chula Vista Wildlife Reserve
- Emory Cove
- A-8 Anchorage
- USFWS restoration
  - Ponds 10, 10A & 11
Restoration & Enhancement
Chula Vista Wildlife Reserve

Grant funding provided by
- US Environmental Protection Agency –
  - West Coast Estuaries Initiative
- Port Environmental Fund
- California Coastal Conservancy
- US Fish & Wildlife Service
- NOAA – stimulus funding

Assistance provided by
- Volunteer Organizations
  - SD Audubon Society
  - SD Oceans Foundation
  - Ocean Discovery Institute
  - Coronado Rotary Club
Restoration & Enhancement Project
South San Diego Bay

- Restoration of 280 acres in South San Diego Bay in conjunction with the USFWS

- Port’s portion:
  - 55 acres at Chula Vista Wildlife Reserve
  - 12 acres at Emory Cove
  - Excavated material to lower the marsh plain & create tidal channels
  - Dredged & pumped material for beneficial reuse
Pre-construction Site Conditions
Pre-construction Site Conditions
Salt Marsh Design – West Basin
Salt Marsh Design – East Basin
Salt Marsh Design
Permit - Silt Curtains and Turtle Screen
Chula Vista Wildlife Reserve Excavation
CVWR – Excavation & Stockpiling
Dredging & Pumping
Pipeline from CVWR to Pond 11
Pond 11 Discharge
Photo Documentation
West Basin
Post-Construction East & West Basins
Excavation Around Nesting Site
West Basin – High & Low Tide
Pond 11 – Pre-construction

- An estimated 61,000 cubic yards of material
- Hydraulically dredged
- To create nesting beach
Pond 11
Pond 11

- 19 least tern
- 1 snowy plover nested at the new beach
Volunteers Planting CVWR
Emory Cove Restoration
Emory Cove
Emory Cove Ice Plant Removal
Volunteers
A-8 Anchorage Debris Removal
Questions