



Increasing State Dredging Capacity through the Beneficial Re-use of Dredged Material

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Sea Isle City Council Meeting
September 14, 2010



Project Description

- Use Dredged Material from Site 90 for Official Closure of the Sea Isle City Landfill

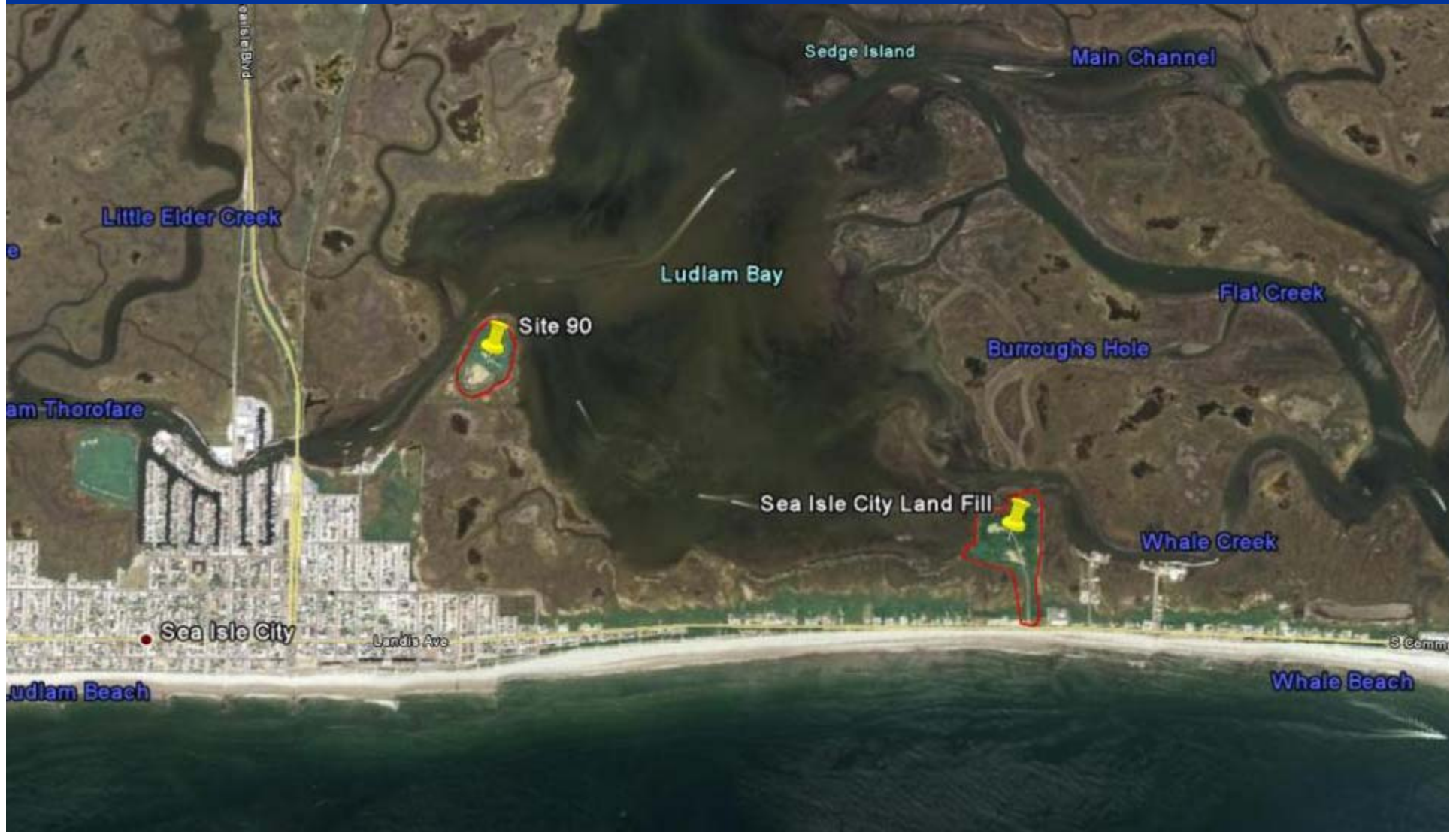
Project Goals

- Increase State Dredging Capacity
- Official Closure of Sea Isle City's 5th St Landfill
 - Erosion Control
 - Preliminary Landfill Development Plan



Who is Involved?

- Sea Isle City
- NJDOT
- NJDEP
- Ocean and Coastal Consultants, Inc.
- Amy S. Greene Environmental Consultants, Inc.
- Golder Associates, Inc.





Sea Isle City 5th Street Landfill

- Municipal Facility*
- Area - 20 Acres*
- Closed 1980*
- No Official Closure*
- 2007 NJDEP Site Visit Issues
 - Site Access
 - Site Use
 - Erosion





Site 90 - CDF

- NJDEP Owned
- Area - 12 acres
- 1963-2009
- ~375,000 cy
- Limited Capacity





Project Schedule

- Completed Tasks
 - Planning Meetings
 - Landfill Investigation
 - Environmental Investigations
 - Wetland Delineation
 - CDF Investigation
 - Site Survey
 - Wetland Delineation
 - SAP Submittal





OCEAN AND COASTAL CONSULTANTS INC.

Environmental Investigation





OCEAN AND COASTAL CONSULTANTS INC.

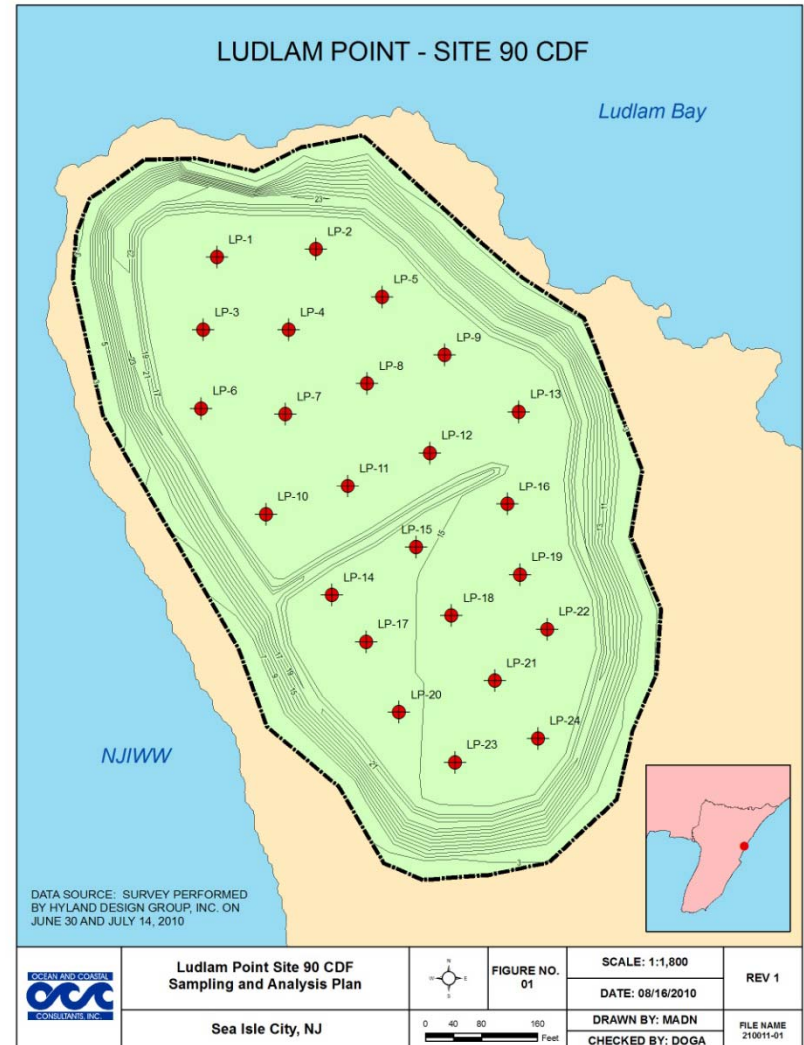
Wetland Delineation and Survey





Sampling and Analysis Plan (SAP)

- Submitted July 16
- Revised August 16
- Awaiting Approval





Project Schedule (start date)

- CDF Investigation
 - SAP Approval – September 2010
 - CDF Sampling and Testing – October 2010
 - CDF Material Characterization – November 2010
- Landfill Investigation
 - Landfill Disruption Permit – January/March 2011
 - Waste Delineation – April 2011
 - Seep Investigation – April 2011
 - Gas Migration Investigation – April 2011
- JPP Meeting – May 2011





Project Schedule* (completion date)

- Engineering and Design – September 2011
 - Official Landfill Closure Plan
 - Permanent Shoreline Protection
 - Preliminary Landfill Development Plan (Passive Park)
- Permit Submittals – November 2011



* Pending JPP Meeting



Project Schedule

Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
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CDF
Investigation

Landfill Investigation

Engineering and Design

Permitting



Budget

- Total - \$432,578
 - SIC - \$ 244,196
 - NJDOT - \$188,382
- Invoiced to date - \$ 60,042