



NJDEP Course of Action

- Better Control of Access to the Landfill
- Better Control of Public Works Activity
- Remove all Surface Debris from the Landfill
- Stabilize the Eroded Bank and Eliminate Discharge of Leachate from the Landfill

From April 2007 letter from Michael Hansen (NJDEP)

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Stabilize the Erosion

- SIC Hired ASG to Investigate the Erosion of the Western Bank of the Landfill
 - ASG Assessed Erosion (loss of ~2.6 acres)
 - Developed a Temporary and Long Term **Erosion Solution**
- SIC Proceeding with Temporary Erosion Control
- Long Term Solution Must be Implemented







Landfill Closure

Purpose of Proper Closure

- Physical Barrier
- Pollution Control
- Necessary for End Use
- Closure Regulations (NJDEP)
 - Erosion Control
 - Final Soil Cover

Material is Needed for Closure ~75,000 cy

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Material Options

- Material Quality is Regulated by NJDEP
- Material Needs to be Suitable for Plant Growth
- Typical Material Options
- Alternative Material Options

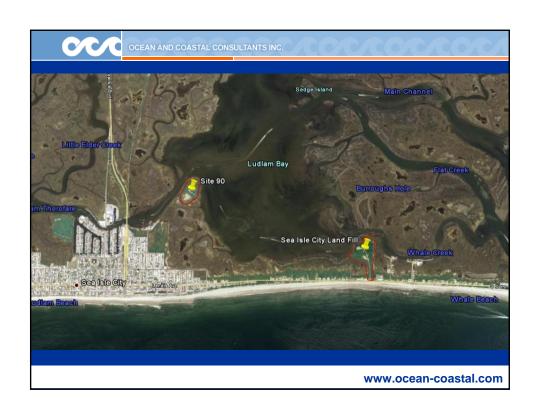


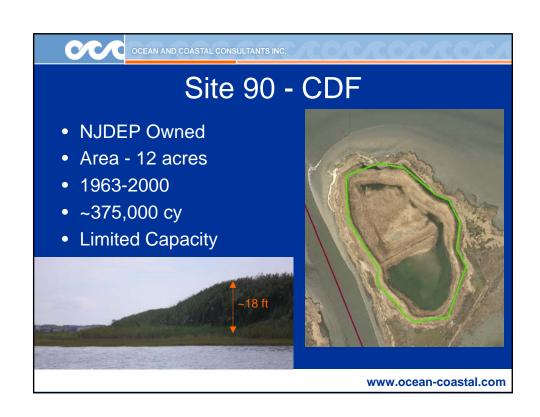


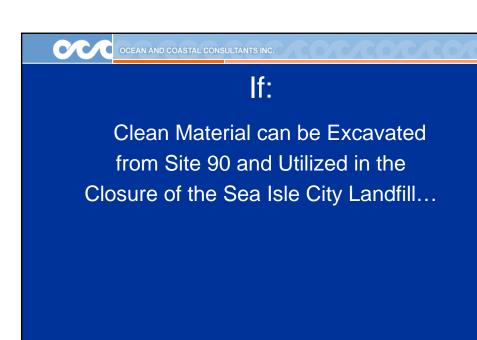


State Dredging

- Dredging is Needed for Navigation Channels
- State is Responsible for Providing Capacity for NJICWW Dredging
- Dredged Material Placement Options
 - Confined Disposal Facility (CDF)
 - Beneficial Re-Use



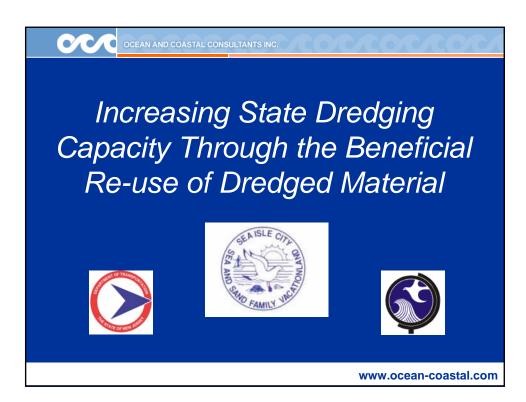


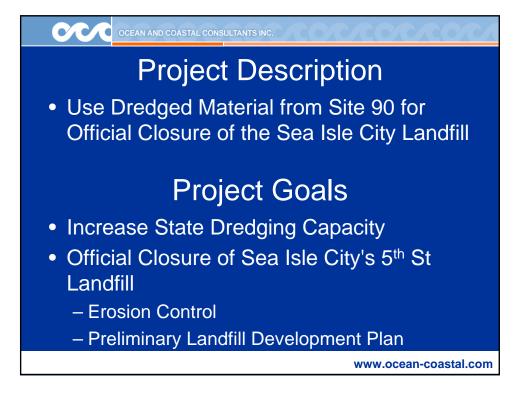


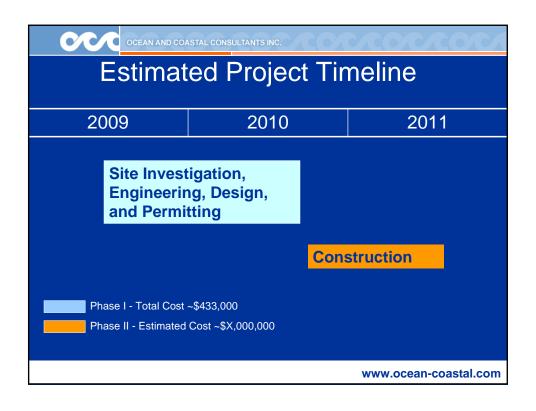


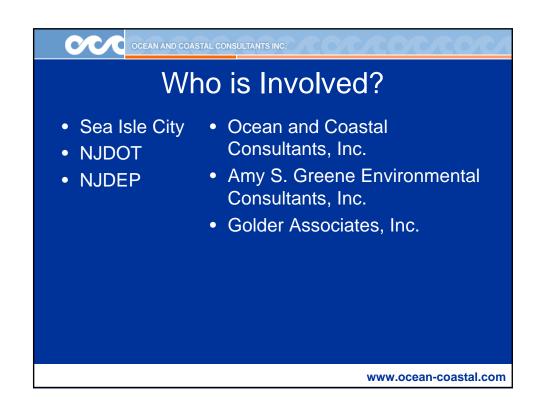














Project Outline

- Pre-Planning*
- Site Investigation
- Engineering and Design
- Permitting
- Preliminary Landfill Development Plan
- Wetlands Mitigation (if necessary)

*Initiated June 2008

Gas Migration Investigation www.ocean-coastal.com







