

# Long Island Sound Dredged Material Management Plan



# What is a DMMP?

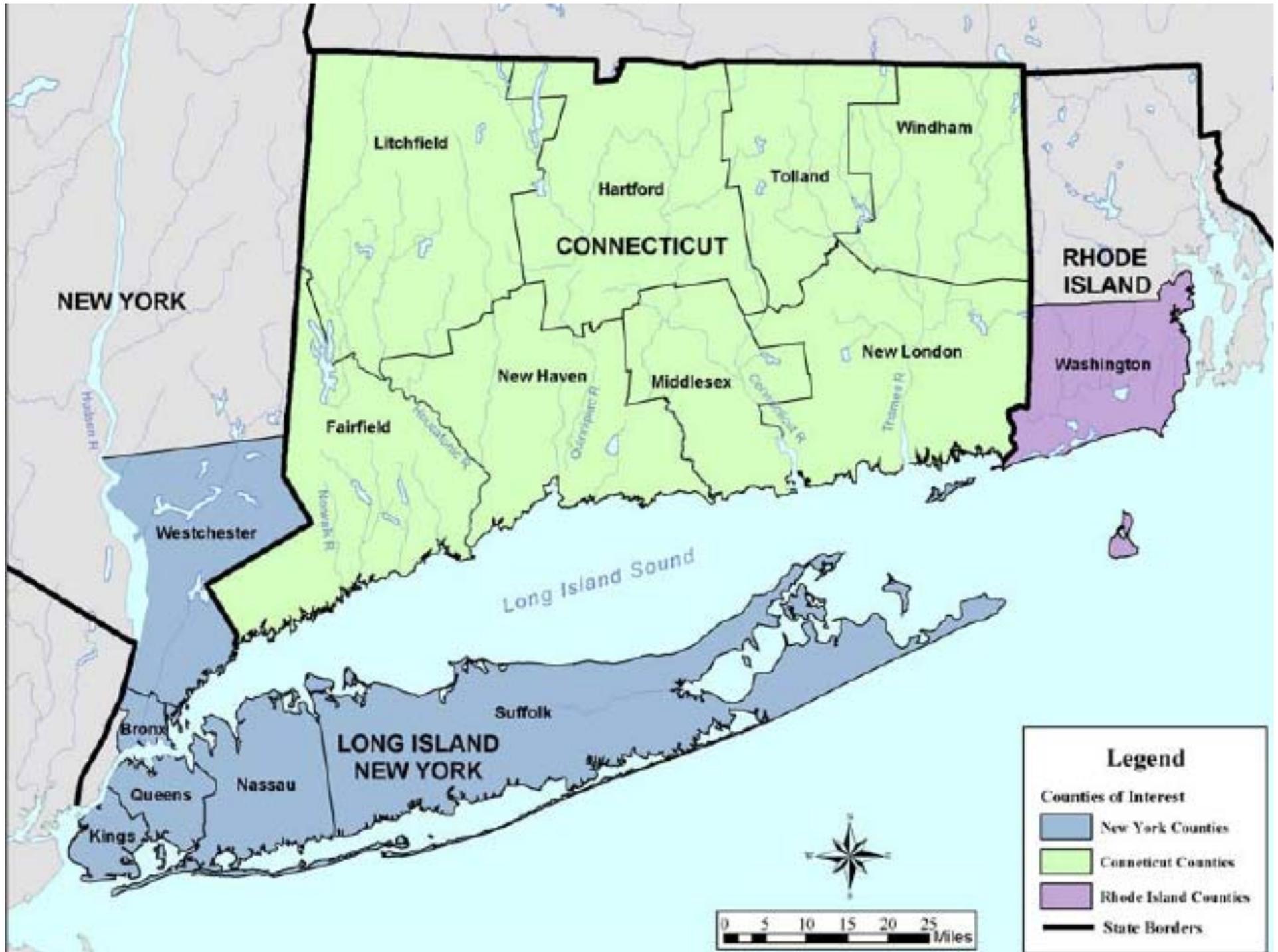
- A Corps-led comprehensive planning process and decision-making tool to address the management of dredged material for a specific harbor or navigation project, a group of related projects, or a specific geographic area.
- Involves a comprehensive review of dredging needs for both maintenance and planned improvement activities and material management options for a specific harbor or region over a minimum 20-Year planning horizon
- Investigates and evaluates various dredging and placement methods, sites and impacts
- Recommends a practicable methods to meet Federal navigation needs and avoid or minimizes impacts.

# DMMP Project Goal

- The overall goal of the LIS DMMP is to develop a comprehensive dredged material management plan that recommends practicable, implementable solutions to manage dredged material in an economically sound and environmentally acceptable manner in Long Island Sound.
- The DMMP should identify a management plan using a broad based public process that protects the environment based on best scientific data and analysis, while meeting society's need for safe and economically viable navigation for water based commerce, transportation, national security, and other public purposes.

# LIS DMMP

- DMMP Addresses:
  - Future Dredging Needs (Maintenance & Planned Improvements) – Both Federal and Non-Federal
  - Disposal Capabilities
  - Capacities of Various Placement Sites
  - Environmental Compliance Requirements
  - Potential for Beneficial Use of Dredged Material
  - Develops Indicators of Continued Economic Justification
  - Contains Integrated NEPA Document
  - Justifies Follow-on, Site Specific Feasibility Studies



# DMMP Process

- Preliminary Assessment – Reviews Current Management Options and Determines Whether a More In-Depth DMMP is Warranted.
- LIS Regional DMMP PA Approved June 2006
- Conduct DMMP Study
  - Phase I - Evaluate and Quantify Placement Needs and Existing Management Options
  - Phase II - Identify Alternative Placement Options with Special Emphasis on Beneficial Uses;
  - Phase III - Evaluate, Analyze, Compare, and Screen Alternatives;
  - Phase IV - Recommend Management Plans;
  - Phase V - When necessary periodically update the LIS DMMP.

# Management Alternatives To Be Considered

- *Open and closed landfills*
- *Upland & aquatic dredged material placement sites.*
- *Current or proposed transportation improvement projects*
- *Dredged material transfer facility*
- *Asphalt, cement and other aggregate processors*
- *Large scale development sites*
- *Brownfield/other redevelopment sites*
- *Closed mines and quarries*
- *Beach and dune nourishment*
- *Agricultural uses*
- *Habitat restoration, creation or enhancement*
- *Confined Disposal Facilities*

# DMMP Document

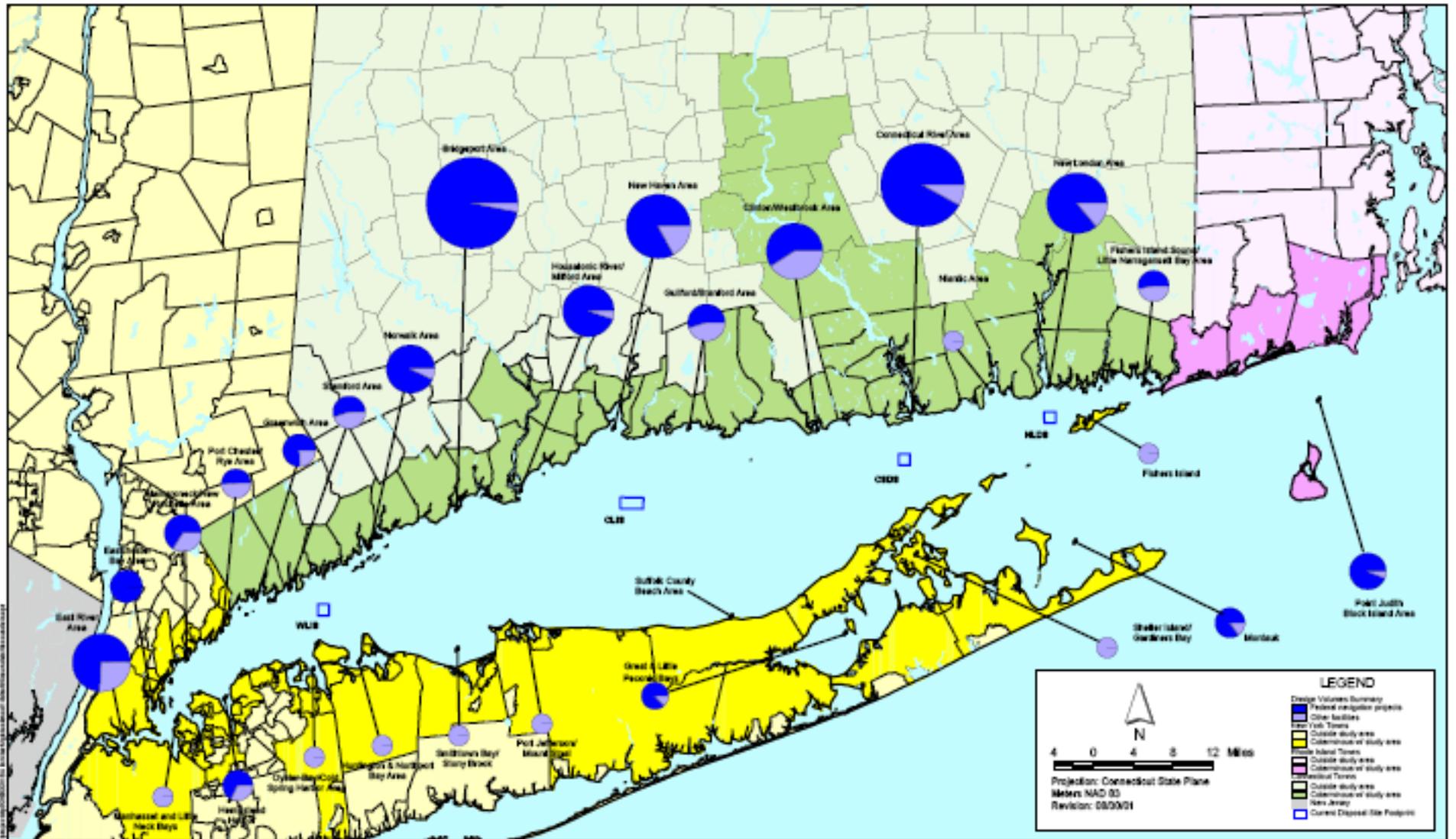
- Identify baseline & recommended management options for all Federal navigation projects in LIS
- Identify an array of suitable/feasible, environmentally acceptable, practicable management plans that will meet or exceed non-Federal dredging needs which can be utilized by various dredging proponents in their analysis of options to manage their dredging projects.

# DMMP Initial Efforts - 2008

- Initiate Public Outreach and Communication
  - Scoping Meetings
  - Update mailing lists
  - Establishment of project web page ([www.nae.usace.army.mil](http://www.nae.usace.army.mil))
  - Establishment of project mailbox ([LISDMMP@usace.army.mil](mailto:LISDMMP@usace.army.mil))
- Update and Revise Future Dredging Needs and Maritime Industry Economics from LIS EIS Studies.
  - Develop questionnaire to collect maintenance information from dredging proponents
  - Determine potential Improvement efforts and timeframes of implementation.
  - Collect information & conduct interviews
  - Identify Federal maintenance requirements
  - Review regulatory permits issued

# DMMP Initial Efforts - 2008

- Update and Revise Upland and Beneficial Use Placement Opportunities from LIS EIS.
  - Review current environmental regulations for land, water, and air protection to determine if they limit or prevent use of potential management alternatives.
  - Identify recommendations for proposed revisions to regulatory statutes or State And Federal legislative actions to provide consistency between the States & allow favorable alternatives to be implemented, especially beneficial uses.
- Expand Inventories to Include New Placement Sites and New Technologies for Processing and Use of Dredged Materials



Long Island Sound Dredged Material Disposal EIS  
 Figure 2: Maintenance Dredging Needs - Dredging Center Statistics





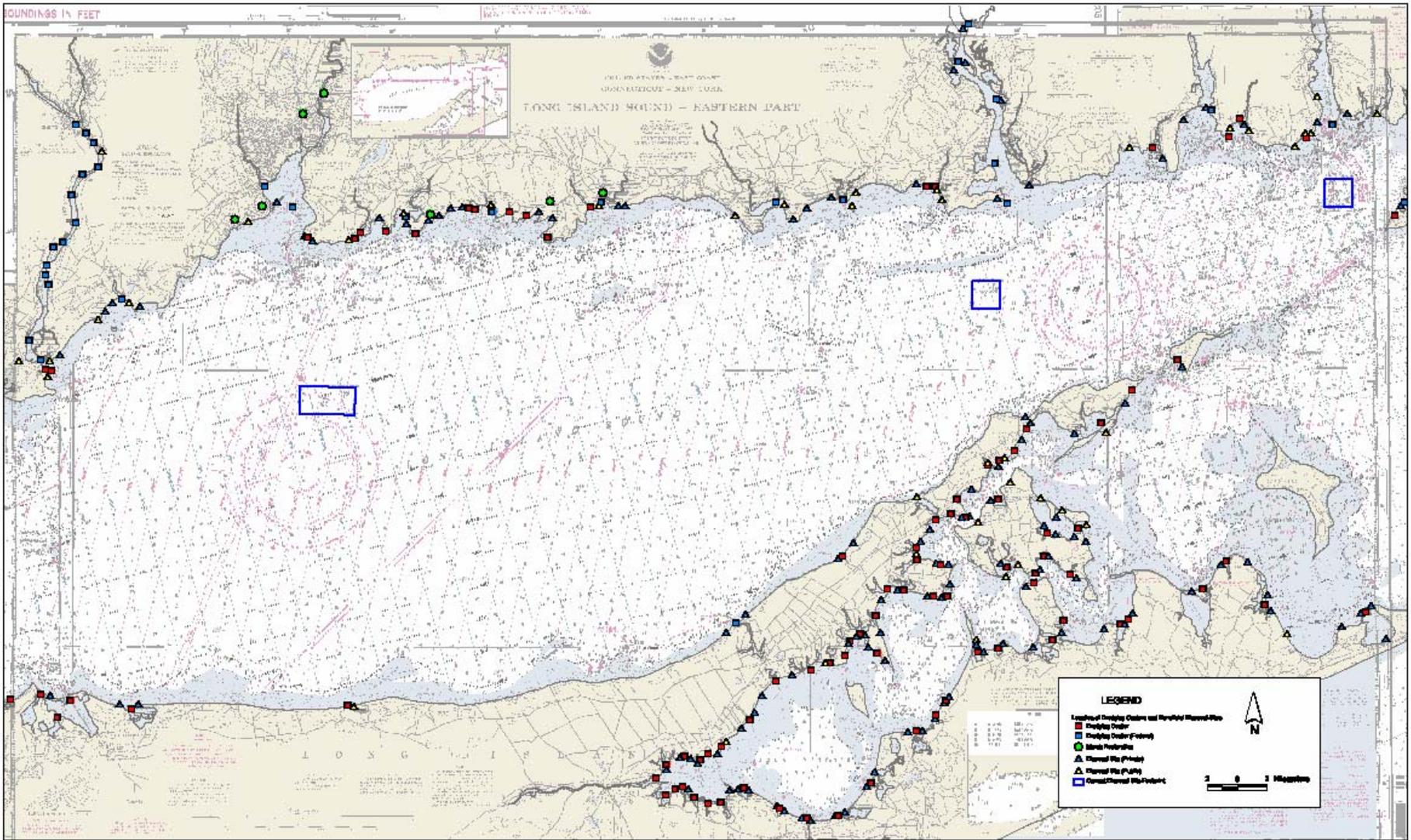
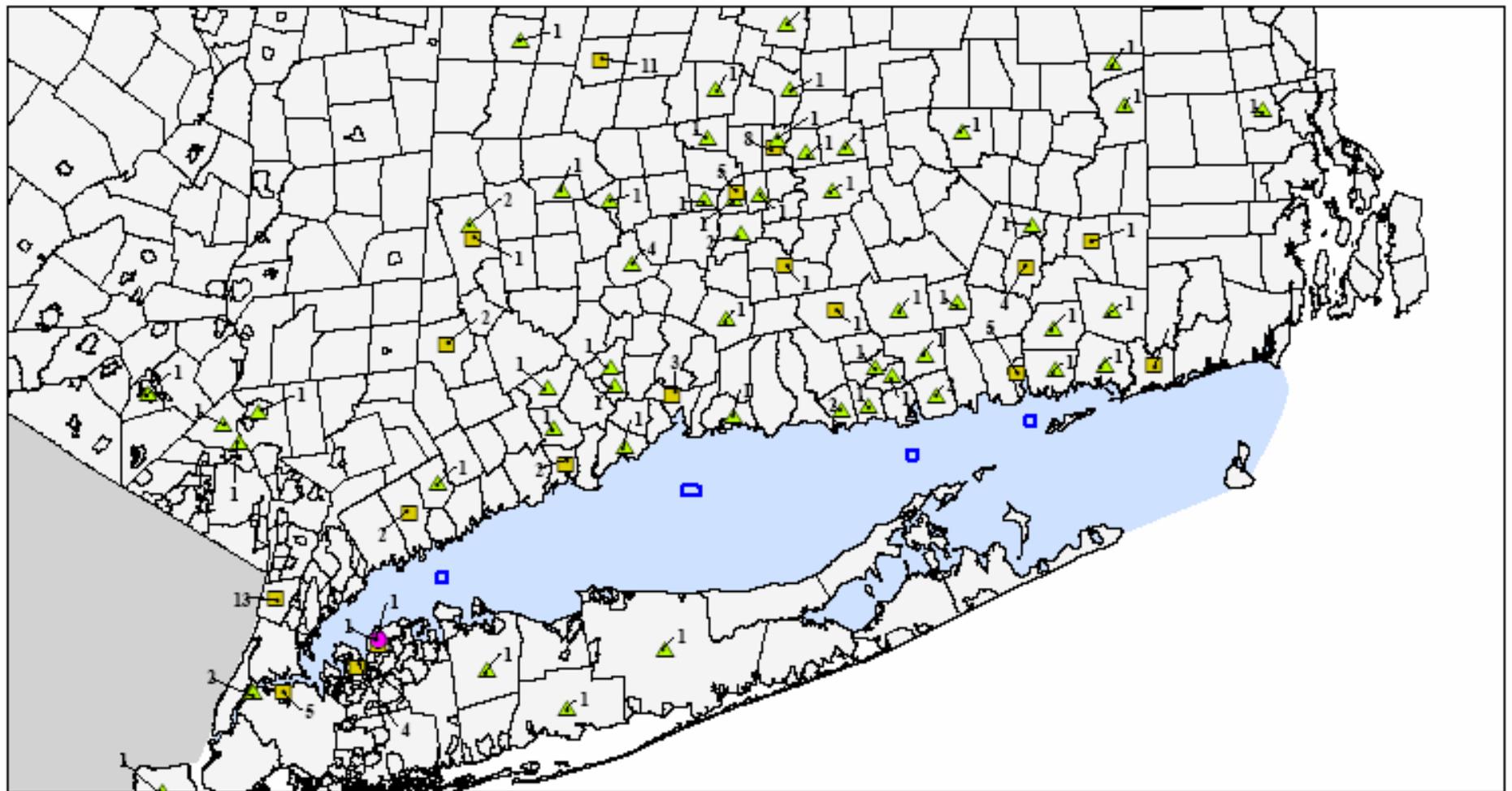


Figure 2: Potential Dredging Center and Near-Shore Disposal Areas  
Central Long Island Sound





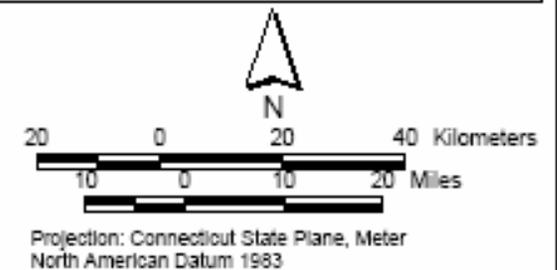
**Notes:**

- Location of Upland Alternative Disposal Sites is shown near center of town and does not represent actual location of sites.
- Number associated with Brownfield symbol indicates number of sites in city/town with the highest use potential.
- Number associated with landfill symbol indicates number of facilities in the city/town.

**LEGEND**

**Upland Reuse Type**

- Asphalt Batching Plant (Glen Cove, NY)
- Brownfield Redevelopment
- ▲ Landfill
- Existing Open Water Disposal Site



**Figure 5: Dredging and Disposal Activities: Upland Alternative Disposal**



# Who Needs to Participate?

- Dredging Needs Survey
  - County and Municipal Public Works Offices
  - Harbormasters
  - Marinas
  - Yacht Clubs
  - Boat Yards
  - Cargo Terminals
  - Power Plants
  - Military Facilities
  - State Piers
  - Ferry Terminals,
  - Dredgers, etc

# Who Needs to Participate?

- Upland Disposal or Beneficial Use Opportunities
  - State Agencies
  - Counties and Municipalities
- DMMP Process
  - Federal Agencies
  - State Agencies
  - Counties and Municipalities
  - LIS Public



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