

AN INVENTORY OF
RESTORATION OPPORTUNITIES
IN
DELAWARE BAY



*Funded, in part,
by the*
National Partnership
between
Restore America's Estuaries
and
NOAA Fisheries' Community-based
Restoration Program

WE NEED YOUR INPUT TO

Restore
the **Bay's**
Habitats!



Image source:
The Academy of Natural Sciences

NY-NJ HARBOR ESTUARY

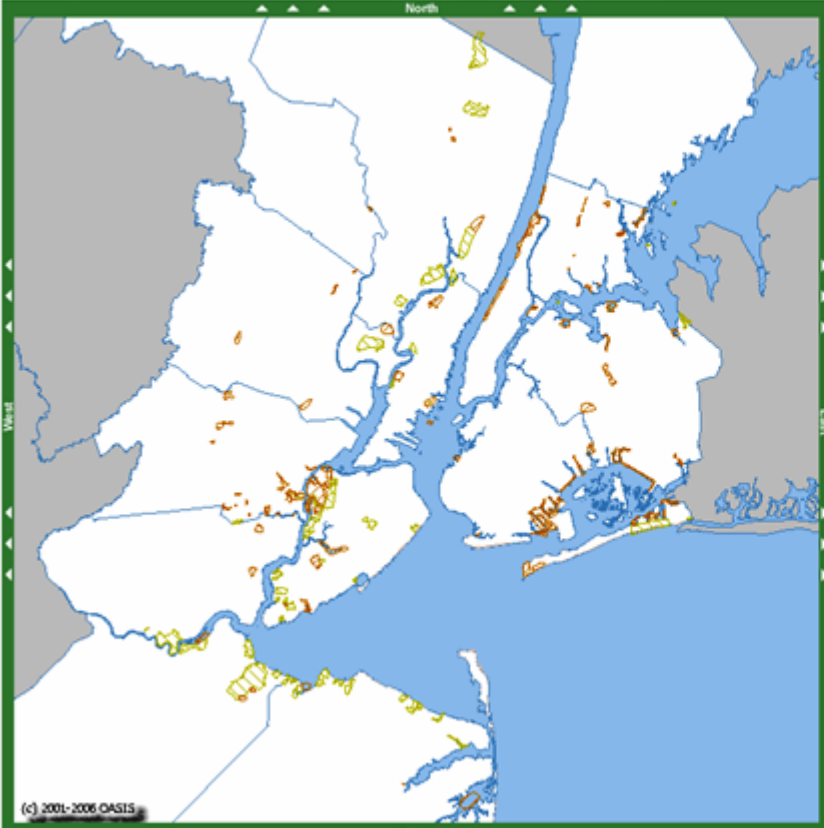
nyc **oasis**

Search By: Address: Borough:

Redraw Map - zoom to selected area / show new data **Help** **Select all layers** **Unselect all layers** **Garden Search** **Estuary Search**

Select a tool (click on the icon) & click on the map:
Identify **Zoom In** **Zoom Out** **Recenter** **Tag map** **Help** **Support OASIS!**

Turn map layers on and off by clicking in the check boxes and then clicking on the Refresh Map button.



New Layers

- Green Markets

Photos & Imagery (view 1 at a time)

- Aerial Photo (2004) **New** [\(more info\)](#)
- Aerial Photo (1995)
- Infrared Aerial Photo (2001)
- Classified Landcover (2001)
 - Tree/Forest
 - Grassland
 - Impervious/Other
 - Water

Boundaries & Labels

- Town/Neighborhood
- County / Borough
- 5** Community Districts
- 10** City Council Districts

Transportation

- Streets
- Bridges/Overpasses
- Highways / Major Roads
- Subway Stations
- Subway Routes
- Ferry Stops
- Ferry Routes

Parks, Playgrounds, & Open Space

- NYC Parks (Dept. of Parks & Rec.)
- New Jersey State Parks & Public Land
- New York State Parks & Public Land
- Open Space (Dept. of City Planning)
- Community Gardens
- Playgrounds
- Green Spaces Along Streets
- Golf Courses
- Baseball/Soccer Fields
- Tennis/Basketball Courts & Tracks
- Cemeteries

Property & Land Use

- Block/Lot Boundaries

(c) 2001-2006 OASIS

Internet 100%



**New York - New Jersey
Harbor Estuary Program**
Habitat Workgroup

Priority Acquisition and Restoration Sites
(Revised February 8, 2006)

JAMAICA BAY WATERSHED

JB1	Bayswater Park (NY) ⁽⁴⁾	Salt Marsh Restoration
JB2	Bergen Basin (NY) ^(2, 4)	Salt Marsh Restoration
JB3	Brant Point (NY) ^{(*) (4)}	Marsh & Meadow Enhancement
JB4	Breezy Point (NY)	Dune Enhancement
JB5	Canarsie Beach (NY)	Salt Marsh Restoration
JB6	Conch Basin (NY)	Salt Marsh Restoration
JB7	Dubos Point (NY) ⁽⁴⁾	Salt Marsh Restoration
JB8	Four Sparrow Marsh (NY) ^{(*) (1)}	Salt Marsh Restoration/Wading Bird Restoration
JB9	Gerritsen Inlet (NY) ^{(*) (2, 4)}	Salt Marsh Restoration
JB10	Hawtree Basin (NY) ⁽⁴⁾	Salt Marsh Restoration
JB11	Healy Avenue (NY) ⁽³⁾	Salt Marsh Restoration
JB12	JFK Shoreline (NY)	Salt Marsh Restoration
JB13	Marine Park (NY) ^(*)	Salt Marsh Restoration

Utility

- Collective voice
- Funding - regional plan
- Agency buy-in
- Legitimacy
- Measure progress, once restored



HABITAT RESTORATION INVENTORY
Empowering People to Care for the Coast

Thank you for participating in this Habitat Restoration Inventory. Please complete one form for each site and mail to: Bill Shadel, American Littoral Society, Sandy Hook, Highlands, NJ 07732. To complete electronically using MS Word, download forms from www.littoralsociety.org.

(To complete on your PC, enter data in the expandable gray fields and click on the boxes beside your responses; to complete as hard copy, hand write responses in spaces provided and check appropriate boxes)

Complete as much information as you are able; we will do the rest.

Information Submitted by

Name:
 Organization:
 Address:
 Phone: Email:

- Active restoration project site
 Identified but unfunded restoration project
 Unidentified potential restoration site

Primary Project/Site Contact

Name:
 Organization:
 Address:
 Phone: Email:

Name of Project/Name of Document

Location

Type of Restoration Project

- Wetland Sediment and Water Quality Enhancement
 In-stream Bottom Habitat Migratory Fish Passage

Approximate Size of Project

Bonus information: The following information is very helpful, but not necessary to submit this form to us.

General Project Category Criteria

(To complete on your PC, type information in the expandable gray fields; for hard copy, write answers beneath printed text.)

- Land Ownership - public, private, blood/tit owners, appraised values
- Current Land Use - commercial, residential, active/passive recreation, open space, industrial
- Current Habitat Type - estuarine, lacustrine, palustrine, riverine
- Functional Habitat Value - proportion of quality of usable habitat for target species
- Contaminants - known and likely
- Geo-physical Soil Properties - soil profile, grain size, pH, organic content, bulk density, porosity
- Socio-Cultural/Historic Values - current and historic human use
- Threatened or Endangered Species/Habitat Present - Natural History Database, field verification
- Site History - former habitat types pre-disturbance
- Site Access - access agreements, staging areas, stabilized road, adjacent transportation infrastructure
- Land Cover Type - forest, woodland, shrub, grassland, marsh, swamp, open water, paved/debris, d
- Topography - elevation, geologic formation, waterways, swales, anthropogenic features
- Geological - depth to bedrock, bedrock type
- Hydrology - watercourse, depth to groundwater, flow direction, current speed, volume, tidal range
- Water Quality - physical/chemical parameters, biological monitoring parameters, water clarity, toxic
- Sediment Transport - sediment pathways, deposition/erosion areas

- Plant Species Inventory - species, vegetative zone changes
- Animal Species Inventory - fish, birds, mammals, reptiles, amphibians, invertebrates
- Disposal Opportunities - on-site, beneficial use
- Economic Impacts - property value, economic impacts of project
- Identified in Regional Planning Initiatives - local, county or state planning efforts

Identification of Coastal Restoration Projects by Project Categories and Task

(To complete on your PC, click on the box beside your responses; for hard copy, check the right box.)

Project Category:

- Wetland restoration (tidal, non-tidal; saline, brackish, fresh)

- Culvert, causeway and bridge repair or replacement
 Fill removal, re-establishment of elevation
 Shoreline softening
 Hydrological Reconnection
 Invasive Species Removal/Native Species Establishment

- In-Stream Bottom Habitat Restoration (and Construction in Tidal and Non-Tidal waterways)

- Sub-aquatic removal
 Removal of flow restriction
 Submerged aquatic vegetation re-establishment
 Shellfish/horseshoe crab habitat enhancement
 Channel manipulation
 Daylighting
 Shallow water enhancement

- Migratory Fish Passage to Coastal Lakes and Streams

- Fishway (a.k.a. fish ladder), rock ramp, natural bypass
 Dam removal, partial dam removal
 Reopening blocked passage way to inland lakes and streams

- Sediment and Water Quality Enhancements

- Riparian buffer expansion and streambank restoration
 Storm water retention/facility upgrade
 Contaminant removal

To complete inventory form:

- 1) Download from www.littoralsociety.org
- 2) Enter information
 - print and complete by hand
 - or type into form
- 3) E-mail, mail, or fax to me
- 4) Feedback
 - Useful?
 - Content?