

The background image shows a calm pond with tall reeds in the foreground. In the distance, there are several houses with brown roofs and walls, surrounded by trees with autumn-colored foliage. The sky is a pale, overcast blue.

**Hempstead Harbor Protection Committee
and Village of Sea Cliff**

**Scudder's Pond
Watershed
Improvements**

Third Public Meeting

May 26, 2010



AGENDA

Welcome by Sea Cliff Mayor Bruce Kennedy

Introduction by HHPC Chair Bill Clemency

Overview of HHPC & Scudder's Pond Project by HHPC Director Eric Swenson

Summary of Scudder's Pond Watershed Recommendations by Cashin Associates

Questions, Answers, Comments & Suggestions

Adjourn

Hempstead Harbor Protection Committee

MEMBERS:

- **County of Nassau**
- **Town of North Hempstead**
- **Town of Oyster Bay**
- **City of Glen Cove**
- **Village of Sea Cliff**
- **Village of Roslyn Harbor**
- **Village of Roslyn**
- **Village of Flower Hill**
- **Village of Sands Point**

TECHNICAL ADVISORS:

**NYS Department of State
Division of Coastal Resources**

**NYS Department. of
Environmental Conservation**

New York Sea Grant / NEMO

**Coalition to Save Hempstead
Harbor**

**Glenwood / Glen Head Civic
Assoc.**

**United Civic Council of Glen
Head and Glenwood Landing**

**Nassau County Soil & Water
Conservation District**

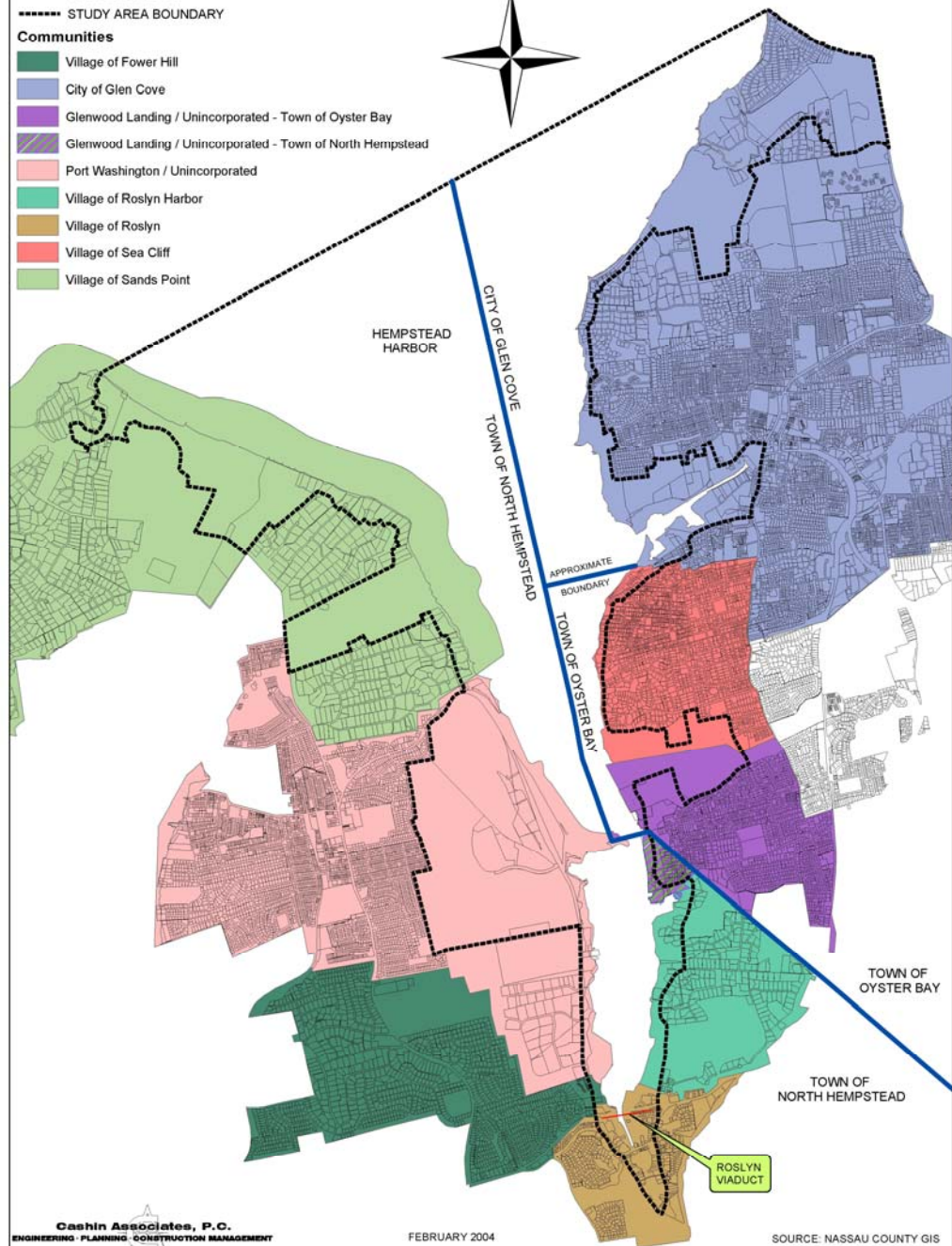
**U.S. EPA / L.I. Sound Study
Office**

**5 Grants so far totaling over
\$2.53 million for Scudder's
Improvements**

- Legend**
- TOWN BOUNDARY
 - - - - STUDY AREA BOUNDARY

Communities

- Village of Fower Hill
- City of Glen Cove
- Glenwood Landing / Unincorporated - Town of Oyster Bay
- Glenwood Landing / Unincorporated - Town of North Hempstead
- Port Washington / Unincorporated
- Village of Roslyn Harbor
- Village of Roslyn
- Village of Sea Cliff
- Village of Sands Point

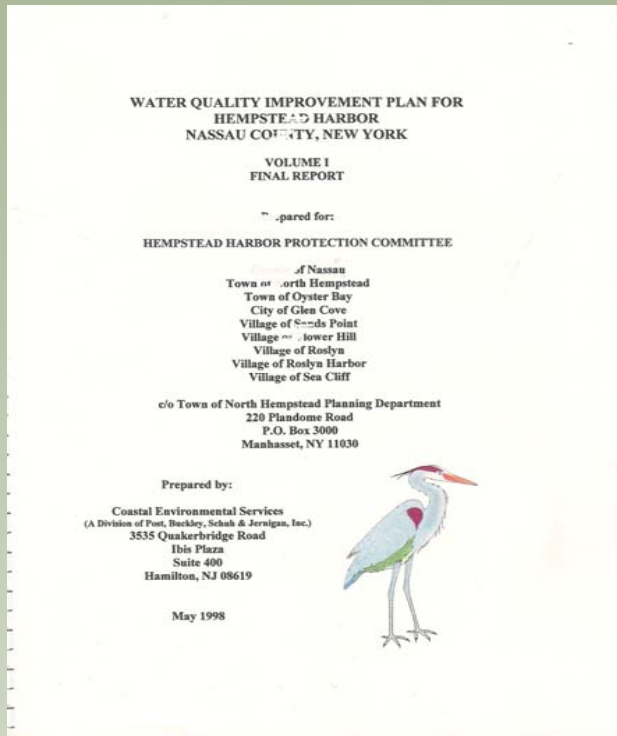




Hempstead Harbor is...

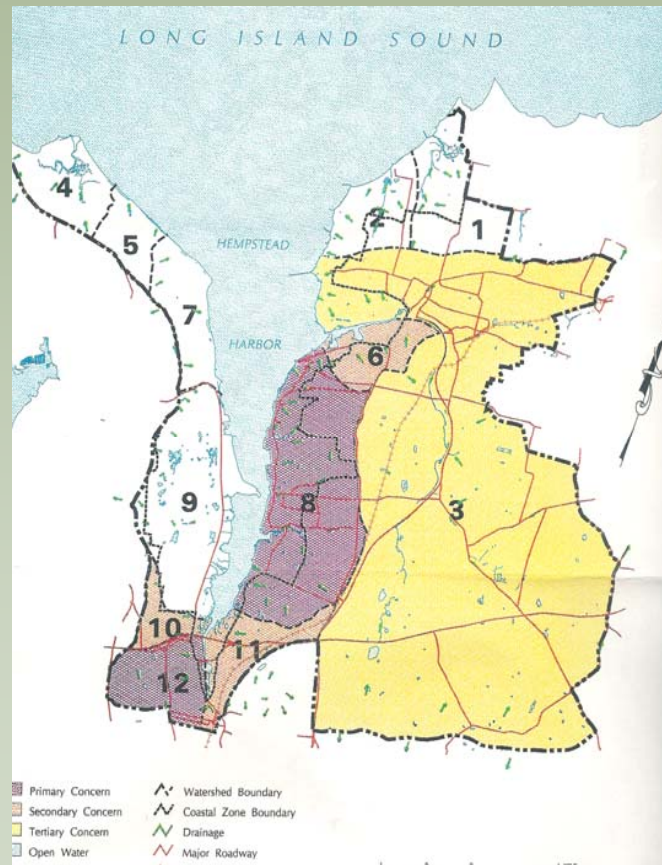
- NYS Significant Coastal Fish and Wildlife Habitat Area
- Audubon Society Important Bird Area of NYS
- Long Island Sound Inaugural Stewardship Site

Water Quality Improvement Plan For Hempstead Harbor



**Hempstead Harbor
April 2000**

Water Quality Improvement Plan Recommendations



- ◆ Sub-watershed 8 (Sea Cliff) is the top priority
- ◆ “Storm water drainage problems of significant magnitude are impacting Scudder’s pond”
- ◆ Restoring Scudder’s Pond “should be one of HHPC’s priority activities”



**Overflow
Weir**





Outfall

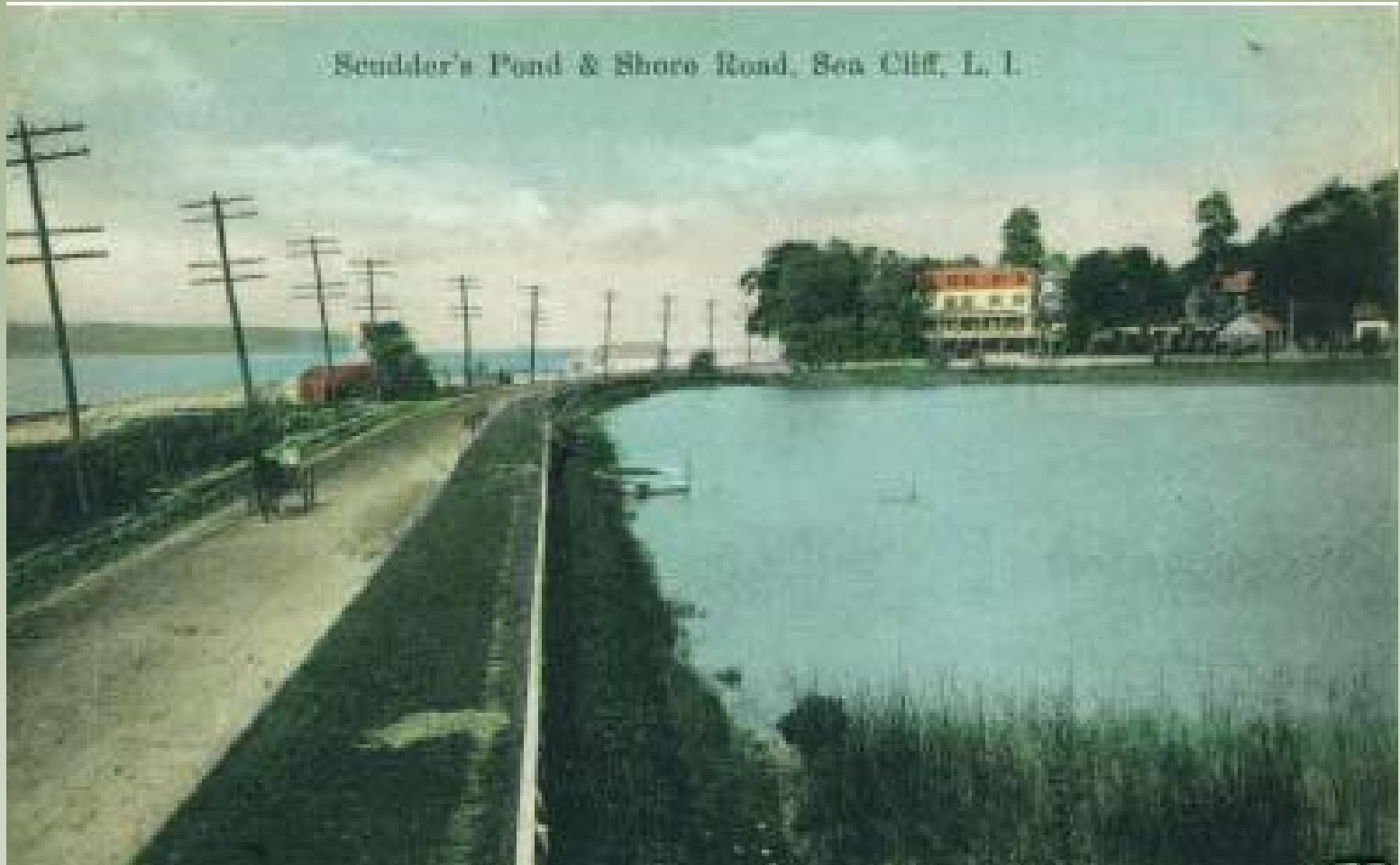


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SCUDDER'S POND, SEA CLIFF, L. I.

DEC Officials on Their Field Investigation of Scudder's Pond

Scudder's Pond & Shore Road, Sea Cliff, L. I.



OTHER CURRENT HHPC PROJECTS

- ◆ Water Quality Monitoring
- ◆ Shellfish Re-Opening Project
- ◆ Federal No Discharge Zone Implementation
- ◆ Maintain Website (www.HempsteadHarbor.org)
- ◆ Powerhouse Drain Subwatershed Study
- ◆ Coastal Signage Program
- ◆ Habitat Restoration
- ◆ Blueways Trails
- ◆ Public Education

Scudder's Pond in Fall



PROJECT AREA



PROJECT COMPONENTS

- Stormwater Filter at Littleworth Lane
- Stream channel stabilization from Littleworth outfall to Scudder's Pond
- Provide stream channel wetland for water quality treatment
- South slope stabilization
- Replace weir between Upper Pond and Scudder's Pond
- Remove phragmites and establish native vegetative buffers
- Scudder's Pond dredging and disposal
- Invasive species removal
- Shoreline stabilization
- Geese deterrence
- Removal of water quality storm direct discharges
- Shore Road weir replacement
- Cap Upper Pond south shoreline outfalls
- Development of an Invasive Species Management Plan

WORK COMPLETED

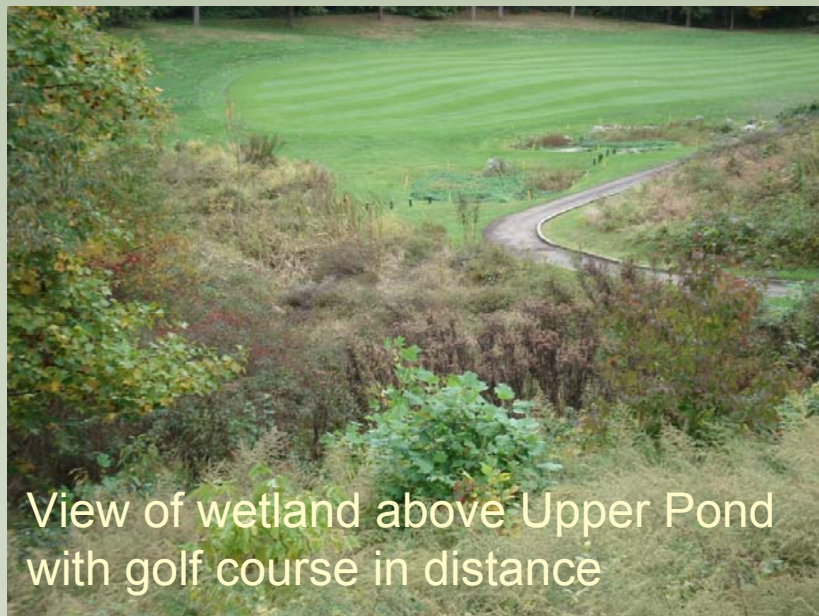
- Topographical survey
- Boundary/ easement review
- Bathymetric survey
- Sediment and water quality sampling plan submitted to NYSDEC
- Wetland Delineation
- Existing condition site reconnaissance and field investigation
- Assessment of Scudder's Pond Subwatershed Plan conceptual design – August 2006
- Schematic design alternatives development
- Meeting with major property owner - North Shore Country Club
- Meeting with NYSDEC Freshwater and Tidal wetlands Groups
- Development of a Preferred Alternative
- Public Meeting for all stakeholders with design presentation



Scudder's Pond



Upper Pond



View of wetland above Upper Pond
with golf course in distance



Slope along south side of Upper
Pond



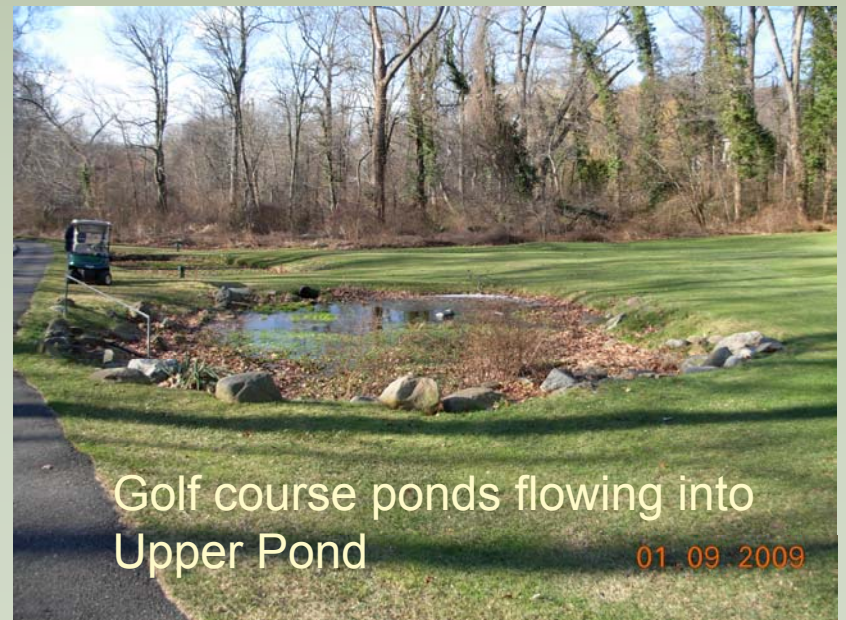
Cottage Area drainage to pond 01.09.2009



Ponds that flow into Upper Pond 01.09.2009



Upper pond weir

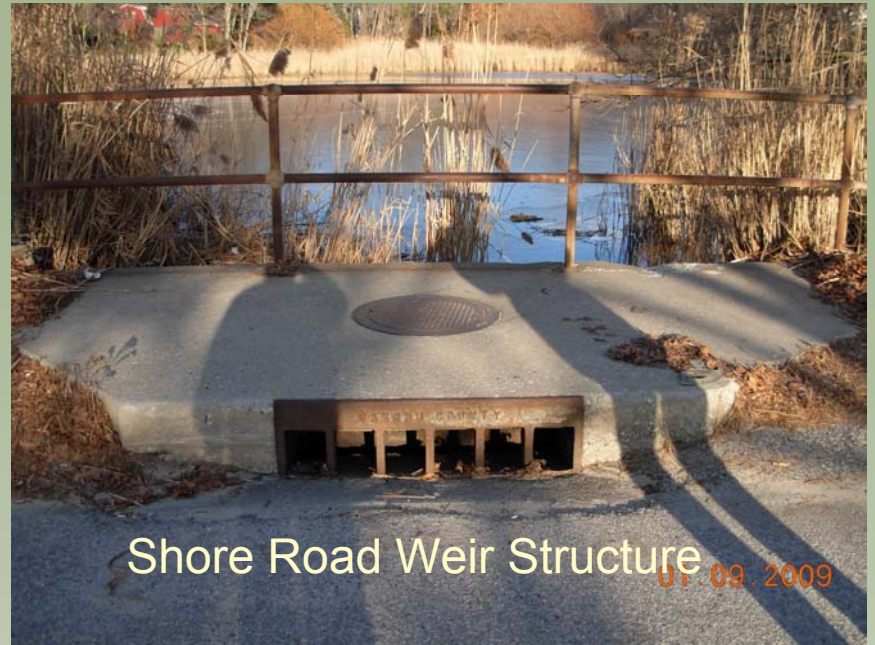


Golf course ponds flowing into Upper Pond 01.09.2009



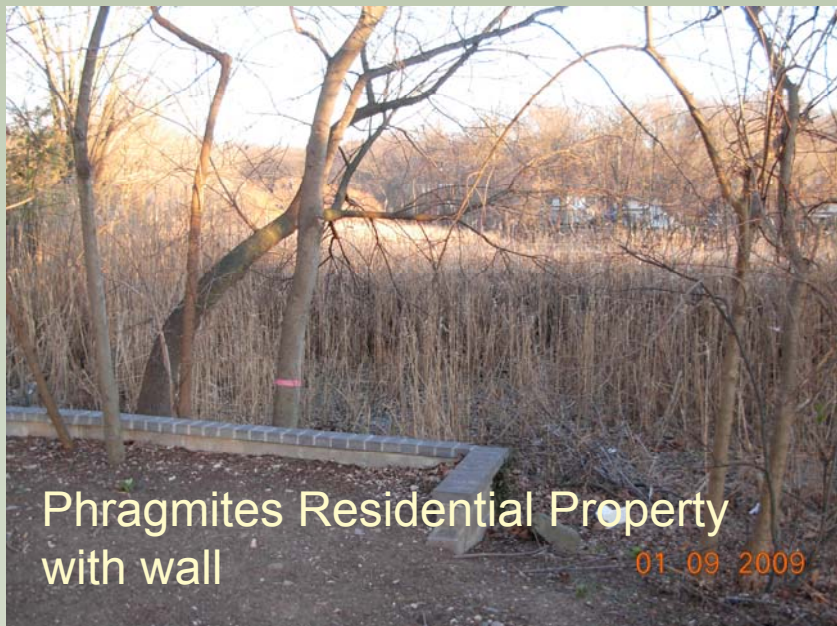
Phragmites at Scudder's Pond shoreline

01.09.2009



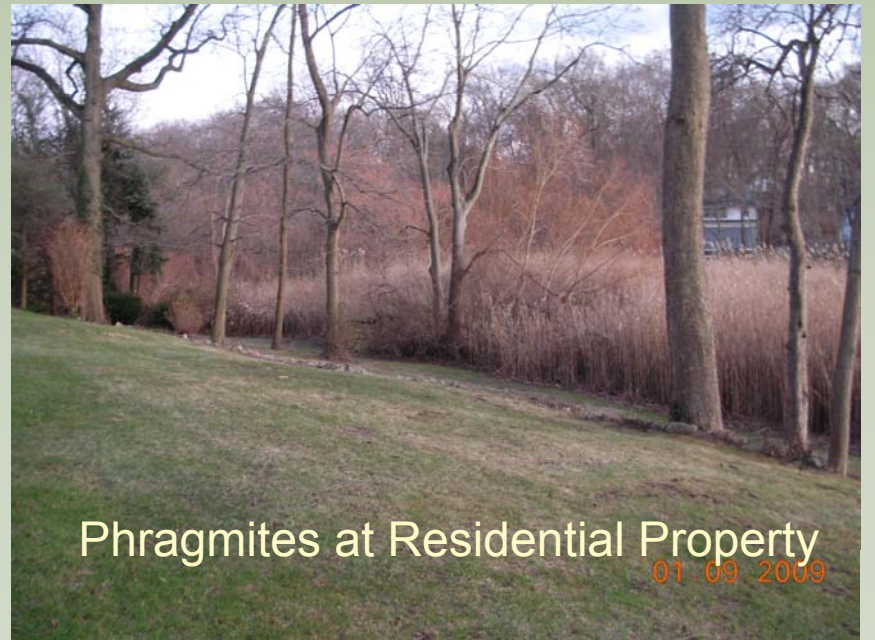
Shore Road Weir Structure

01.09.2009



Phragmites Residential Property with wall

01.09.2009



Phragmites at Residential Property

01.09.2009



Littleworth Lane drainage toward Scudder's Pond



Steep slope at beginning of Scudders Pond near cottages



Littleworth Lane outfall (right) with steep slope



Stream channel between ponds



Village of Sea Cliff / Hempstead Harbor Protection Committee
 Scudder's Pond Improvements
 Existing Conditions and No Build Alternate 1

WORK GOING FORWARD

- FINALIZE DESIGN PLANS BASED ON PUBLIC COMMENTS
- UNDERTAKE ENVIRONMENTAL REVIEW
- APPLY FOR NECESSARY PERMITS
- PREPARE AND RELEASE BID DOCUMENTS
- BID REVIEW AND CONTRACT AWARD
- UNDERTAKE CONSTRUCTION AND SITE INSPECTIONS
- PROJECT COMPLETION

QUESTIONS & COMMENTS

ADDITIONAL WRITTEN OR EMAILED COMMENTS WILL
BE ACCEPTED UNTIL JUNE 9, 2010

ADDITIONAL COMMENTS AND INPUT MAY BE
SUBMITTED TO:

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