Agenda

• Peconic River Supplemental Cleanup
• Deer Management
Peconic River Area WC-06 - Sediment Cleanup Status

• Contract awarded to LAND Remediation Inc. (near Albany) – April 2017

• Equivalency permit application for working in the River submitted to NYSDEC mid-April for review and approval

• Contractor preparing the Work Plan and Quality Assurance Project Plan for regulator review

• Potential for surface water diversion and groundwater dewatering depending on flow
Peconic River Area WC-06 - Sediment Cleanup Status

• Field work anticipated to start in late June/early July
• Will excavate 2600 sq. ft. contaminated area
  • Remove approximately 145 cu. yds. of material
• Meet ROD cleanup goal for mercury (average of less than 1.0 mg/kg, and all samples less than 2.0 mg/kg)
  • Verify with confirmatory sampling, 1 sample every 100 sq. ft.
  • Approximately 26 samples
• Restoration and monitoring (up to five years) to demonstrate re-establishment of wetland plants, and control of invasive species
May 3, 2017 Photos

Area WC-06 – Looking Downstream

Area WC-06- Looking Upstream
Deer Management - objectives

• Safer Lab site
  • Reduce accidents
  • Reduce tick numbers, less chance of tick-borne disease (4-Poster permit requires deer management)

• Improved deer health

• Improved ecosystem health
  • Forest regeneration, recovery of rare plants, improved bird populations

• Reduced costs
  • Fewer landscape plants replaced
  • Less corn and permethrin required for 4-Poster devices
Deer Management – population reduction

• Goal – 10-30 deer/sq. mi. (80 – 250 deer total)

• This action - removal of 200 – 250 deer
  • Starting population 400 – 500 deer
  • Removed 202 deer – remaining population 200 – 300 deer

• How long did it take? – 6 days not counting prep and baiting
  • 3 days prep, 10 days of baiting

• 5,732 lbs. of meat donated
  • Cs-137 values < 0.49 pCi/g wet weight
  • 28.4 lbs./deer
Deer Density Prior to Start of Cull
Location of Bait Stations Established for Cull
Locations of where deer were taken. Larger dots = more deer taken. Range 1-10 deer.
Future actions

• Population now at ~250; to maintain will require take of ~100 animals/year.
  • Population Growth – Fall 2017 Pop. = ~350, Fall 2018 Pop. = ~500.

• Reconsider cost effective alternatives
  • Establish hunting in outer areas using BNL employees who are hunters – minimal cost
  • Use of USDA-Wildlife Services