

Onondaga Lake NRD Settlement Restoration Projects

Group 1

Natalia Cagide, Mark Arrigo (Parsons) | Kerry Dziubek, Brian Israel (Arnold & Porter) | Tony Eallonardo (OBG) | Betsy Henry, Ryan Davis (Anchor QEA) | Nicholas Gard (Exponent) | Doug MacNair (ERM) | John McAuliffe, William Hague (Honeywell)

Overview

NRD Process

- Process overseen by Trustees
 - US Dept. of Interior
 - New York State Dept. of Environmental Conservation
- Science based, but complex: lots of uncertainty
 - Ex. "How many fish habitat rock piles = X% degradation of bird population?" or "How many miles of recreation trail = X lost fishing days?"
- Cooperative Agreement key to success
 - Trust and relationships
 - But, significant difference remained between Trustee and Honeywell assessments
- In the end, it came down to **projects**

Focus On Projects Accelerated Settlement

- Preassessment Screen: 1994
- Cooperative Agreement: 2009
- Focus on Projects: 2016**
- Restoration Plan: 2017
- Settlement: March 2018
- Implementation: 2018 - 2022

Rapid progress

NRD Focus on Projects

Community Support

Public Meetings, Suggestion Forms, and Reports



Community Ideas

Fish habitat
Nearshore deep water fishing
Fishing piers
Invasive species control
West shore habitat
Aquatic native vegetation
Gere Lock
Wetland restoration
Shoreline restoration
Public access
Educational facilities
Loop the Lake Trail
Connect bikeways
Tully Valley access
Stream restoration
Public access to Honeywell property
Native plant restoration
Shoreline parking
Nine Mile Creek public access
Boat launches
Biopreserve
Fishing access

Honeywell's Demonstration of Commitment to Restoration During Remediation Was Key



Projects Overview – 10 Ecological, 9 Recreation

Focus in and Around the Lake



Wetland/Eco Enhancement and Conservation

- Conserve 609 acres
- Enhance 105 acres
 - Phrag. removal and seeding
 - Vernal pools
 - Forest & floodplain enhancement
- Five-year Monitoring & Maintenance



Native Grassland Creation



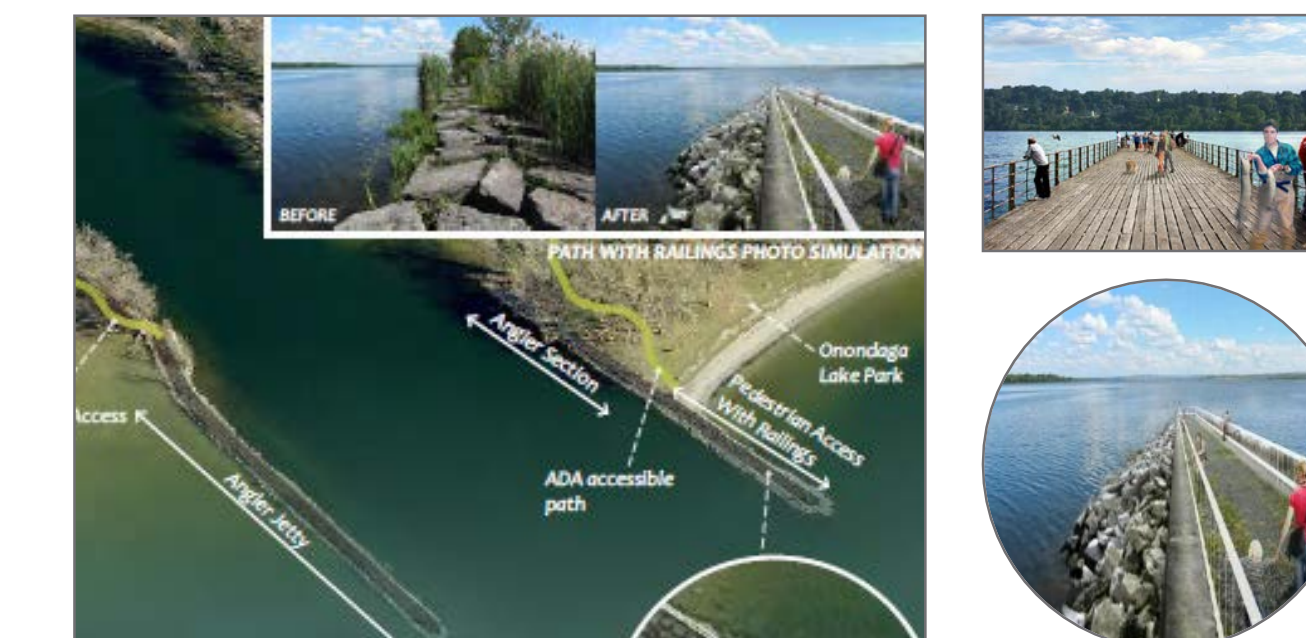
- 50 acres on Sediment Consolidation Area cap
- 50 acres on adjacent C&D Landfill cap

Recreation Trails – Part of NY Empire Trail Network



- Part of Governor's Initiative
- Strong community support
- Highly valued

Angler Pier and Jetty Improvements



Tully Valley Nature Preserve

- 1023-acre of Honeywell property turned into a nature preserve
- 6 new parking lots with access to streams and hiking
- Public fishing access along 10 miles of streambank



Settlement

Key Terms

- Full release of all NRD claims for all Onondaga Lake Superfund Site
- Honeywell will implement most projects with Trustee oversight
- Onondaga County is also a signatory

Implementation

- Projects must be implemented within five years
- Work has already been completed on some components

50 acres of Native Grasslands Completed (SCA)



In-Lake Habitat Structures Completed

