



SPRUCE CREEK ASSOCIATION

TIDAL RESTRICTION MEETING:

Notes

September 28, 2005, Kittery Town Hall

Attendees:

- Don Card, Southern Maine Regional Office, Maine Department of Marine Resources
- Jonathan Carter, Town Manager, Town of Kittery
- Daniel Clapp, Chair, Shellfish Conservation Commission, Town of Kittery
- Shari Goupil, Abutter, Bob's Clam Hut
- Steve Hall, Conservation Commission, Town of Kittery
- Carolyn Hanson, Steering Committee, Spruce Creek Association
- Jon Kachmar, Habitat Restoration Coordinator / Gulf of Maine Program, Maine Coastal Program/Maine State Planning Office
- Ray Konisky, Ph.D., Research Associate, Wells National Estuarine Research Reserve
- Paula Ledgett, Steering Committee, Spruce Creek Association
- Ronald Ledgett, Planning Board, Town of Kittery
- John Mason, Abutter
- Sean McDermott, Fisheries Biologist, National Marine Fisheries Service, National Oceanic and Atmospheric Administration (NOAA)
- Phyllis Merikallio, Steering Committee, Spruce Creek Association
- Martha E. Rea, Abutter
- Rick Rossiter, Commissioner of Public Works, Town of Kittery
- Sara Watts, Senior Environmental Scientist, Northern Ecological Associates

Spruce Creek Habitat Restoration Inventory

- Presented by Sarah Watts, Senior Environmental Scientist, Northern Ecological Associates, Inc.
- Primary Objectives:
 - Identify potential restoration sites
 - Screen and prioritize restoration sites
 - Organize restoration information into a database of potential restoration sites
- Secondary Objective:
 - Inventory all docks and piers in the Spruce Creek system, regardless of restoration need
- Overall Results for Spruce Creek
 - 18.7 miles of shoreline
 - 92 sites identified
 - 157 sources of degradation
 - 242 examples of degraded conditions
 - 87% of sites had >1 source of degradation
 - Scores ranged from 0.20 to 4.10
 - 9 sites had scores ≥ 2.0
 - Worst site "score": Tidal restriction at Route 1



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- Recommendations
 - Address dock issues
 - Restore vegetated buffer
 - Educate public and land owners
 - Improve road crossings
 - Address invasive species issues

Tidal Restriction Dive Inspection Report

- Maine DOT Divers performed inspection
- Structure is in good condition
- Indicated that removal of gates/planks would not harm steel structure
- If all gates were removed, an 18" to 24" upstream head would still exist

Summer 2005 Water Quality Monitoring

- Percent Dissolved Oxygen Saturation - weekly
- Fecal Coliform Monitoring - monthly
- Enterococcus - weekly

Action Plan

- Discussed hydrological studies and modeling, their values and their accuracy
- Discussed benchmarking current conditions in the area
- Discussed funding and grant options
- Decision was made to go forward with proposing a demonstration for one year and to remove the flash boards, have replacement ones created, and to monitor the general impacts of the removal
- Spruce Creek Association to draft proposal for Jon Carter to present to Town Council on 10/12/05 for scheduling public hearing on 10/24/05