

Lincoln Lakes NPS Watershed Survey

#2007PP10

Waterbody Name: Little Round Pond, Folsom Pond, Upper Pond and Crooked Pond

Location: Lincoln – Penobscot County

Waterbody Status: NPS Priority Watersheds (all four)

Project Grantee: Penobscot County SWCD

Project Duration: May 2007 – December 2008

604b Grant Amount: \$16,576

Local Match: \$14,078



PROBLEM:

Little Round, Folsom, Upper and Crooked Ponds are part of a chain of 14 lakes and ponds in the Town of Lincoln. All four ponds are listed as NPS Priority Watersheds. There is limited water quality data on any of these waterbodies. However, data collected in 2001 indicates that Upper Pond and Folsom Pond have moderate to high algal bloom potentials.

Due to the proximity to Bangor, there has been an increase in development within these watersheds over the last several years. A 30-lot subdivision was approved on Folsom Pond in 2002, and another 30 lots were approved the following year. The University of Maine Cooperative Extension conducted a Watershed Stewards program and coordinated a volunteer watershed survey for Upper Cold Stream Ponds (also called Big and Little Narrows) in 2006.

PROJECT DESCRIPTION:

The purpose of this project was to identify sources of NPS pollution in the Folsom, Upper, Little Round and Crook Pond watersheds. Due to lower than expected volunteer involvement, the surveys were completed by an AmeriCorps volunteer in the summer of 2007. Project staff decided not to survey Little Round Pond since the pond's small watershed (less than one acre) is protected by the Town of Lincoln.

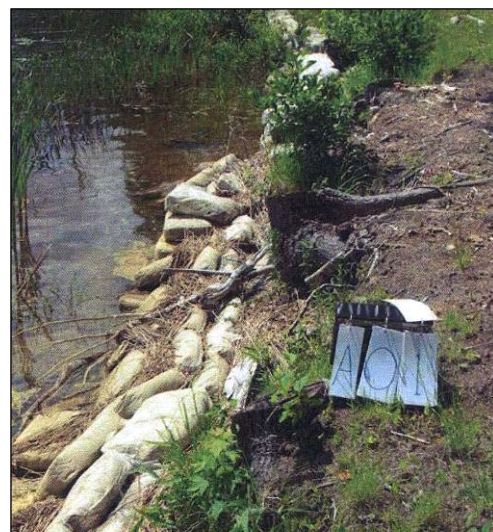
The project also aimed to raise public awareness of NPS issues through town-wide outreach, press releases, classroom visits and the installation of demonstration practices on a highly visible property. The project provided technical assistance to four landowners and completed a buffer design for another property. To achieve long term lake stewardship, the project encouraged the formation of lake associations and a Lincoln Lakes Alliance.



Students plant a buffer on Mattanawcook Lake

PROJECT OUTCOMES:

- NPS watershed surveys were completed by the project's AmeriCorps volunteer on Folsom, Crooked and Upper Ponds in the summer of 2007.
- The *Lincoln Lakes NPS Watershed Survey* report documents survey findings. 47 NPS sites were identified including 47% residential, 34% on private roads and 15% driveways.
- Mattanawcook Junior High School students volunteered over 90 hours to install a demonstration Lakeside Landscape along 134 feet of shoreline on Mattanawcook Lake at the school.
- With help from the University of Maine Cooperative Extension, Maine Congress of Lake Associations and the Town of Lincoln, the property owners of Upper Cold Stream Ponds formed Lincoln's first lake association. 95 individuals attended the introductory meeting.



Failed retaining wall identified in the Upper Pond watershed survey

PROJECT PARTNERS:

University of Maine Cooperative Extension
USDA Natural Resources Conservation Service
AmeriCorps, Maine Conservation Corps
Town of Lincoln
Maine Congress of Lake Associations
Upper Coldstream Ponds Association

CONTACT INFORMATION:

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Suggested Citation:

Maine Department of Environmental Protection (2010) "Nonpoint Source Management Program 2009 Annual Report," Document# DEPLW-1159 2010. Augusta: MDEP.