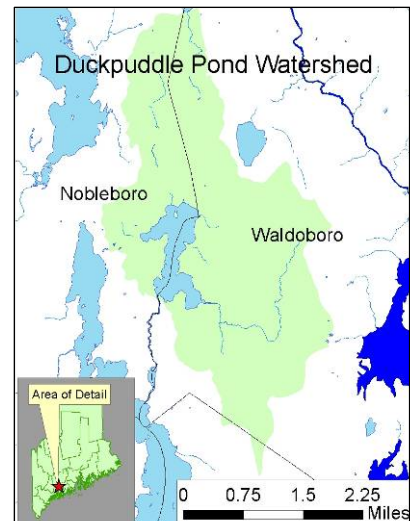


# Duckpuddle Pond Watershed Survey

#2006RR32

Waterbody Name:	Duckpuddle Pond
Location:	Nobleboro, Waldoboro – Lincoln County
Waterbody Status:	Impaired, NPS Priority Watershed, Most at Risk
Project Grantee:	Knox - Lincoln SWCD
Project Duration:	May 2008 – December 2008
319 Grant Amount:	\$1,575
Local Match:	Undetermined, but high given volunteer time on steering committee and during survey



## PROBLEM:

Duckpuddle Pond is a 242-acre waterbody with a watershed of 8.5 square miles. The pond, which flows into Pemaquid Pond, has below average water quality and had prevalent algal blooms in the early to mid 1990's. While the water quality improved in the early 2000's, blooms recurred in 2005, 2006 and 2007. With high dissolved oxygen depletion in deep areas of the pond, the potential for internal loading is high.

Unlike most lakes in mid-coast Maine, existing development on the immediate shoreline is not intense. A 1995 watershed survey indicated that phosphorus-laden runoff was entering the pond and its tributaries from several land uses, including state and town roads. Several farms in the upper watershed seemed to be major sources as well. A TMDL report for the pond was approved in 2005.

## PROJECT DESCRIPTION:

The Duckpuddle Pond watershed survey was administered by Knox Lincoln SWCD with strong support from the Pemaquid Watershed Association (PWA) and the Maine DEP. The purpose of the survey was to identify, document, and prioritize soil erosion sites in the Duckpuddle Pond watershed and to recommend conservation practices for each of those sites.

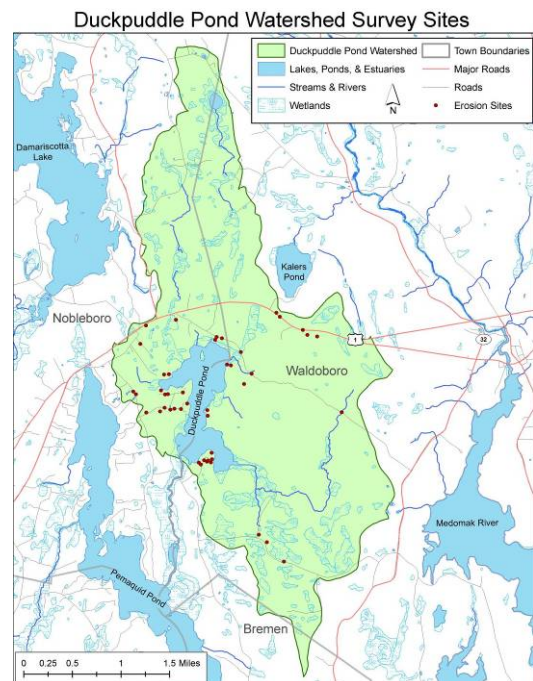
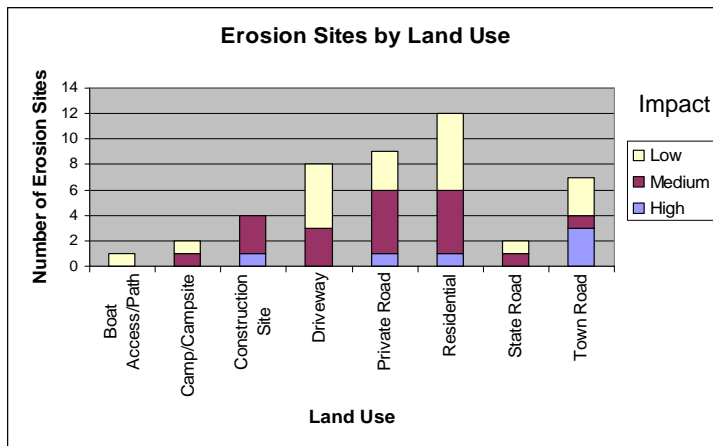
Survey methods were based on those outlined in the DEP publication, *Citizen's Guide to Lake Watershed Surveys*. The steering committee, which included members of the PWA Duckpuddle Ponders, planned the survey, coordinated a watershed-wide mailing, and reviewed the survey results and report. The survey and volunteer training were conducted on April 19, 2008. Fourteen volunteers and six technical leaders surveyed the majority of the developed areas in the watershed that day, and follow-up was completed during the summer and fall. Larger agricultural operations were not included in the survey area because the Knox - Lincoln SWCD was already working with local farms to reduce nonpoint source pollution as part of a separate project.



Duckpuddle Watershed Survey Volunteers

## PROJECT OUTCOMES:

- Technical staff and 14 local volunteers surveyed the developed sections of the entire Duckpuddle Pond watershed and documented 45 erosion sites.
- Survey findings and general site descriptions and recommendations were summarized in the *Duckpuddle Pond Watershed Survey Summary Fact Sheet* and the *Duckpuddle Pond Watershed Survey Report* (December 2008).
- The Steering Committee plans to conduct outreach by hand-delivering or mailing a summary letter to landowners with identified high and medium sites. General outreach will also occur through a final press release and posting of the survey report on the PWA website.



## PROJECT PARTNERS:

Pemaquid Watershed Association  
 Town of Nobleboro  
 Town of Waldoboro

## CONTACT INFORMATION:

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Suggested Citation:

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