No Name Pond Conservation Project, Phase I

#2005R-15

Waterbody Name: No-Name Pond

Location: Lewiston and Greene – Androscoggin County

Waterbody Status: NPS Priority Watershed, Most at Risk

Project Grantee: Androscoggin Valley SWCD

Project Duration: March 2005 – December 2007

319 Grant Amount: \$40,300

Local Match: \$51,681



PROBLEM:

No Name Pond has a surface area of 145 acres and a watershed covering 2.11 square miles. No Name Pond is Lewiston's only great pond and provides all-season recreation for local residents. The pond is managed as a warm-water fishery with occasional stocking of trout and salmon.

No Name Pond's water quality has been monitored since 1975, and data indicate that the pond is slightly below average. There is a high risk of nuisance algal blooms, moderate to high oxygen depletion and moderate to high risk of internal loading problems. The City of Lewiston developed the *No Name Pond Watershed Management Plan* in 2001. The public outreach component of this project led to the formation of the No Name Pond Watershed Management Association (NNPWMA), which is now actively involved in water quality monitoring and invasive plant patrols. The City of Lewiston and NNPWMA have worked together to accomplish goals laid out in the Watershed Management Plan.

PROJECT DESCRIPTION:

The purpose of this project was to significantly reduce erosion and export of sediment and phosphorus into No Name Pond. Conservation practices were installed at 27 priority NPS sites in the watershed. The availability of technical assistance was offered to all watershed residents, and staff met with and provided assistance to 26 landowners.

Education and outreach activities included the distribution of a brochure at the beginning of the project, printing articles in the association newsletter and local papers, buffer and homeowner workshops and a tour of selected sites at the end of the project.



PROJECT OUTCOMES

- Conservation practices were installed on 27 priority sites, including public roads (using city funds), private roads, driveways and private properties. This work reduced pollutant loading to the pond by an estimated 20.3 tons of sediment and 17 pounds of phosphorus per year (US EPA Region 5 Method and WEPP Method).
- Three buffer workshops and one residential workshop were held during the project. As a result of this outreach, a local resident donated \$500 toward future buffer plantings around the lake. These funds will be used to carry out two large-scale buffer plantings that were designed by project staff but were unable to be completed during the grant project.
- Project staff provided technical assistance to 26 landowners during the project period far exceeding the goal of 12 written into the original workplan. Staff made follow-up visits to 11 of the sites to further assist landowners with their erosion problems.
- Vegetated buffers were planted at seven locations around the pond either as stand alone projects or combined with other construction sites. The plantings extended along 115 feet of lake shoreline and 70 feet of streambank.
- Jeanne Raymond, the president of the NNPWMA, received a Community Service award from the City of Lewiston for her commitment to the environment and her work as a steward of the pond.



Two rain barrels and a rain garden were installed to intercept and infiltrate roof runoff, thereby reducing the amount of runoff crossing the road and washing into the pond.

PROJECT PARTNERS:

No-Name Pond Watershed Management Association City of Lewiston

CONTACT INFORMATION:

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