

NONPOINT SOURCE WATER POLLUTION CONTROL PROJECTS
NPS Grant Awards, Outcome of the FFY 2005 Request For Proposals
 Maine Department of Environmental Protection
 March 14, 2005

Below is a summary of the 18 NPS Water Pollution Control Projects scheduled to receive NPS grant awards in spring, 2005. MDEP issued the Request For Proposals for projects on March 29, 2004. NPS projects help local communities recognize water pollution sources in watersheds and take action to protect or restore clean water. Grants are funded with monies provided to Maine by the U.S. Environmental Protection Agency under Sections 319(h) and 604(b) of the Federal Clean Water Act.

Project ID#	Term	Title / Grantee / Purpose	Grant	Match	Total
2005R-01	12 mos.	<p>Spruce Creek Watershed Survey, 2005 Wells National Estuarine Research Reserve The primary purpose of this project is to identify, document and prioritize all sources of non-point source pollution within the estuary and main tributaries; provide baseline information of the permanent protection of riparian and watershed lands; educate municipal officials in non-point source pollution issues (causes and prevention); educate watershed landowners with an emphasis on shoreline property owners on non-point source pollution issues (causes and prevention); involve a cross-section of interests in the restoration and protection of Spruce Creek for the long term; and evaluate progress/success in achieving these objectives.</p>	10,400	13,325	23,725
2005R-02	12 mos.	<p>Wilson, Dexter and Berry Ponds Watershed Survey Cobbossee Watershed District The primary purpose of this project is to conduct a survey of the collective watershed of Wilson, Dexter and Berry ponds to identify NPS problem sites, to develop general BMPs for common problems and to provide specific recommendations for high priority sites. The survey will provide support for future development of an overall watershed management plan.</p>	7,518	5,088	12,606
2005R-03	12 mos.	<p>Moose Brook Watershed Survey Friends of the Royal River The primary purpose of this project is to survey, identify and prioritize existing and potential sources of nonpoint source pollution entering Moose Brook stream; provide the planning necessary for the implementation of BMP's to prevent or greatly reduce existing NPS sources in the watershed; provide residents of the area an opportunity to become more aware of the specific challenges to stream water quality as related to non-point source stormwater pollution through a training/seminar; and complement the city of Auburn's stormwater education efforts.</p>	11,350	10,566	21,916
2005R-04	12 mos.	<p>West Branch Piscataqua River Watershed Survey Presumpscot River Watch The primary purpose of the project is to utilize volunteers and professional staff to conduct a survey to find and prioritize nonpoint source pollution sites in the watershed. The project coordinator will produce a Watershed Survey Report of nonpoint sources to identify and prioritize specific problem sites and to promote adoption of BMPs on these sites to achieve significant reductions of nonpoint source loads to the watershed.</p>	13,520	9,650	23,170

2005P-05	12 mos.	<p>Megunticook Watershed NPS Watershed Survey Megunticook Watershed Association</p> <p>The purpose of this project is to assess and prioritize NPS pollution problems within the 32-square-mile Megunticook Watershed by assessing current land-use activities, locating nonpoint source problem areas, and preparing for future BMP implementation. The survey and assessment will identify, evaluate and prioritize erosion problems and help prepare for a future repairs by completing preliminary landowner agreements and BMP designs for up to 10 of the highest priority NPS sites identified as a result of the survey, and by increasing community and business awareness through watershed-wide mailings, newsletters, articles, continual information, updates on MWA's website and public presentations.</p>	15,415	12,876	28,291
2005R-06	12 mos.	<p>Unity Pond and Sandy Stream Watershed Survey II Waldo County Soil and Water Conservation District</p> <p>The purpose of the project is to improve water quality within the Unity Pond watershed through a survey of the lower Sandy Stream drainage and the downtown Unity area, to identify and assess NPS sites and to prepare for a <i>Unity Pond Watershed Restoration Project: Phase II</i>. The survey and assessment will identify, evaluate and prioritize NPS sites in the watershed with specific attention to residential and commercial development in the lower Sandy Stream drainage. The survey will be conducted according to methods detailed in the MDEP publication <i>A Citizen's Guide to Lake Watershed Surveys: How to Conduct a Nonpoint Source Phosphorus Survey, 1997</i>.</p>	10,800	7,200	18,000
2005R-07	12 mos.	<p>Taylor Pond Watershed Survey Androscoggin Valley Soil and Water Conservation District</p> <p>The primary purpose of this project is to identify, document and prioritize soil erosion and phosphorus pollution sites in the Taylor Pond Watershed and to recommend Best Management Practices (BMPs) that can be installed to mitigate problems at each of these sites. The long-term goal is to reduce watershed pollutant loading to help protect and improve the water quality of Taylor Pond.</p>	12,368	8,982	21,350
2005P-08	12 mos.	<p>Hancock and Sand Ponds Watershed Survey Cumberland County Soil and Water Conservation District</p> <p>The purpose of the project is to identify, document and prioritize soil erosion and phosphorus pollution sites in the Hancock and Sand Ponds Watershed and to recommend Best Management Practices (BMPs) that can be installed to mitigate problems at each of these sites. It is anticipated that implementation efforts will follow the survey. The long-term goal is to reduce watershed pollutant loading to help preserve the water quality of Hancock and Sand Ponds.</p>	12,755	9,040	21,795
2005R-09	24 mos.	<p>Webber Pond Phosphorus Reduction Project Kennebec County Soil and Water Conservation District</p> <p>This project is designed to reduce the amount of phosphorus entering the Webber Pond watershed through implementing actions proposed in the county Action Plan. These actions include outreach to landowners, identification of NPS pollution sites, implementation of conservation practices on those sites, technical assistance, and information management. Existing data on NPS sites will be compiled into a database with water quality data to 1) improve project management capacity, 3) target sites for implementation and 3) identify exactly where the gaps are for the survey work. Targeted outreach on shoreline/riparian protection and gravel road maintenance will be conducted through one-on-one technical assistance, workshops, press releases and presentations.</p>	77,362	55,442	132,804

2005R-10	24 mos.	<p>Highland Lake Watershed Improvement Project, Bridgton Cumberland County Soil and Water Conservation District</p> <p>The purpose of this project is to significantly reduce erosion and export of sediment and phosphorus into Highland Lake. Conservation practices that reduce erosion and polluted runoff will be installed at 46 sites throughout the watershed to include 15 road sites, 1 boat launch and 30 residential fixes such as vegetated buffers, roofline drip trenches and waterbar diverters. In addition, the project will raise awareness about watershed problems and work to foster watershed stewardship.</p>	98,008	65,529	163,537
2005R-11	24 mos.	<p>Libby Brook Conservation Project Cumberland County Soil and Water Conservation District</p> <p>This project will significantly reduce erosion and export of sediment and nutrients into Libby Brook. Conservation practices that reduce erosion and polluted runoff will be installed at 28 sites throughout the watershed. In addition, the project will raise awareness of watershed issues and work to promote long-term stream watershed protection.</p>	53,252	45,165	98,417
2005R-12	24 mos.	<p>New Meadows River Watershed Project Town of Brunswick</p> <p>This project is designed to follow-up on the success of OBD removal in the upper New Meadows River watershed by addressing on-going dissolved oxygen issues that continue to affect priority flats and threaten long-term water quality. Although known sources of fecal contamination have been or are currently being addressed, the cumulative impact of land-based non-point source pollution has largely been ignored. Conservation practices that reduce erosion and polluted runoff will be installed at priority land-based sites previously identified within the “lake” watershed and immediately downstream of the causeway.</p>	38,500	37,799	76,299
2005R-13	24 mos.	<p>Salmon-McGrath Load Abatement Project, Phase 3 Kennebec County Soil and Water Conservation District</p> <p>This project is designed to reduce the amount of runoff pollution reaching the Salmon-McGrath watershed. Sediment and phosphorus in the sediment are the target sources. This project will implement BMPs on 20 identified medium and high priority sites NPS sites, with cost share and technical assistance. Landowner contacts and technical assistance will be used to achieve voluntary remediation on as many low priority sites as possible. Reduction of sediment entering Salmon Lake and McGrath Pond will be assessed by estimating erosion reductions from as many medium and high priority repair sites as feasible.</p>	49,360	34,004	83,364
2005R-14	24 mos.	<p>Echo Lake Watershed NPS Remediation Project Kennebec County Soil and Water Conservation District</p> <p>This project is designed to reduce the amount of sediment and phosphorus pollutants reaching Echo Lake; foster intensive implementation of BMPs on 21 medium and high priority sites identified NPS sites; provide cost sharing and technical assistance; and achieve voluntary remediation on as many of the numerous low priority sites as possible. Technical Assistance will be provided to a minimum of 30 landowners, contractors or businesses. Sediment reductions from as many medium and high priority implementation sites as are feasible will also be conducted.</p>	44,522	36,604	81,126
2005R-15	24 mos.	<p>No Name Pond Conservation Project – Phase I Androscoggin Valley Soil and Water Conservation District</p> <p>This project will significantly reduce erosion and export of sediment and phosphorus into No Name Pond. Conservation practices that reduce erosion and polluted runoff will be installed at 18 sites throughout the watershed, and 12 additional sites may be completed through technical assistance to watershed landowners. The project will raise awareness about watershed problems and reinforce long-term watershed stewardship.</p>	40,360	28,437	68,797

2005R-16	24 mos.	<p>Lake Auburn NPS Improvement Project Lake Auburn Watershed Protection Commission</p> <p>The purpose of this project is to significantly reduce the export of sediment and associated nonpoint source pollutants into Lake Auburn. The proposed project will focus on 45 of the 53 sites identified as watershed threats. This will include the installation of structural Best Management Practices (BMPs) at 6 locations to reduce pollutant loads and increase groundwater infiltration and includes shoreline improvements to address sediment erosion and export issues. Technical assistance will be provided at 39 specific sites to help reduce nonpoint source pollution and promote voluntary remediation and restoration.</p>	53,770	47,938	101,708
2005R-17	24 mos.	<p>Panther Pond Conservation Project – Phase I Town of Raymond</p> <p>The purpose of this project is to significantly reduce erosion and export of sediment and phosphorus into Panther Pond. Conservation practices that reduce erosion and polluted runoff will be installed at 42 of the 84 identified erosion sites in the watershed reducing the lake’s pollutant load by 33.75 tons of soil. In addition, the project will raise awareness about watershed problems and work to foster long-term watershed stewardship. The remaining erosion sites would be addressed in a future Phase II of the project.</p>	43,945	39,825	83,770
2005R-18	12 mos.	<p>Dexter Lakes NPS Watershed Survey Penobscot County Soil and Water Conservation District</p> <p>The purpose of this project is to identify and prioritize existing sources of NPS pollution in the watershed of the Dexter Lakes, raise public awareness throughout the watershed on NPS issues, and to identify actions and sources of funding to carry out remedial actions to maintain or enhance the quality of the Dexter Lakes.</p>	17,540	11,790	29,330
Totals			610,745	479,260	1,090,005