



Nutrient Management Grants for the Greater Narragansett Bay Watershed 2014 Recipients



The Narragansett Bay Estuary Program and New England Interstate Water Pollution Control Commission are pleased to announce grant awards for the following six projects, totaling \$723,869 in funding:

The City of Newport's Source Water Phosphorus Reduction Feasibility Plan **\$111,585**

The City of Newport will complete a feasibility study to find ways to control nutrient loadings to two drinking water sources, St. Mary's Pond and Watson Reservoir. The goals are to restore degraded water quality, protect watershed health, assess pollutant sources, and help to identify and prioritize management efforts. Newport will work with Middletown and Portsmouth to better understand the problems at the sources and coordinate control efforts. The outcome of this project will be a phosphorus reduction plan to improve water quality in the two impaired drinking water sources.

Mass Audubon's Nutrient Reduction through Innovative Land Use Techniques **\$49,000**

Mass Audubon's project will help municipalities adopt innovative techniques to reduce and remediate nutrient pollution from stormwater. Mass Audubon will increase awareness among community leaders and officials throughout the Massachusetts portion of the Narragansett Bay watershed about the value and cost-effectiveness of low-impact development techniques. The project will focus on communities in the Blackstone River watershed.

Northern Rhode Island Conservation District's Moswansicut Reservoir Phosphorus Project **\$40,008**

The Moswansicut Reservoir is a drinking water source at risk from phosphorus pollution. The Northern Rhode Island Conservation District will address this issue in the Moswansicut River watershed by implementing targeted outreach programs, controlling Canada Geese populations, creating a volunteer water quality monitoring program, and creating an in-water nutrient activation treatment plan for the reservoir.

Save The Bay's Ribbed Mussel Nutrient Bioextraction Pilot Project **\$48,179**

Save The Bay's project will examine how ribbed mussels remove nutrient pollution in Narragansett Bay. Using three different techniques for growing ribbed mussels, Save The Bay will analyze the mussels' efficiency in removing nutrients. Through analysis of water samples, the project will measure the rates of nutrient bioextraction.

The University of Rhode Island's Optimizing Performance of Existing Onsite Wastewater Treatment **\$238,097**

URI's project goal is to optimize the performance of existing onsite wastewater treatment systems within the greater Narragansett Bay watershed to reduce nitrogen inputs. To achieve this goal, URI will collect data on effluent nitrogen levels and develop a statistical model to help service providers optimize nitrogen removal.

West Warwick's Stormwater Utility Implementation and Hardig Brook Restoration **\$237,000**

The Town of West Warwick's project aims to improve water quality by preparing up to five best management practice (BMP) designs to budget-level design phase, selecting a BMP for construction, and measuring the water quality benefits. West Warwick will also develop and implement a stormwater utility for the town.