



Southeast New England Program (SNEP) 2018 Watershed Grants Summary of Awards

Grants by State

STATE	SNEP GRANT AWARD	NON-FEDERAL MATCH	TOTAL PROJECT COST
Rhode Island	\$2,033,461	\$744,801	\$2,778,262
Mass.	\$2,119,004	\$949,499	\$3,068,503
Interstate Projects	\$350,000	\$116,842	\$466,842
TOTAL	\$4,502,465	\$1,811,142	\$6,313,607

Rhode Island Awards

Project Name: Silver Creek Restoration / Bristol Golf Course Water Quality Improvements

Grant Recipient: Town of Bristol, RI

Partners: Save Bristol Harbor, Save The Bay, Bristol Conservation Commission

SNEP Watershed Grant: \$300,000

Project Summary: The Town of Bristol will restore freshwater wetlands adjacent to the Bristol municipal golf course in order to improve coastal habitat while reducing pollution to fresh and salt waters, Bristol Harbor and Narragansett Bay.

Project Name: Evaluation of Nutrient Loadings to the Pawcatuck River Estuary and Little Narragansett Bay

Grant Recipient: CT Dept. of Energy & Environmental Protection (CTDEEP)

Partners: R.I. Dept. of Environmental Management (RIDEM), Save The Bay

SNEP Watershed Grant: \$450,000

Project Summary: CTDEEP will develop and apply an innovative, science-based approach to reducing nutrient pollution to Southern Rhode Island's largest watershed, in order to restore clean water, fisheries and public recreation to coastal waters shared by Rhode Island and Connecticut.

Project Name: Green Infrastructure in Transit Oriented District

Grant Recipient: City of Pawtucket, RI

Partners: Narragansett Bay Commission (NBC)

SNEP Watershed Grant: \$376,490

Project Summary: The City of Pawtucket will plan, design and build a "green and complete streets" project coordinated with construction of a new rail station and development of a

new transit-oriented urban district. The project will help restore water quality to the Blackstone River and Narragansett Bay while fostering downtown economic development and improving safety for pedestrians and cyclists.

Project Name: Upgrade Monitoring of Narragansett Bay

Grant Recipient: R.I. Dept. of Environmental Management (RIDEM)

Partners: University of Rhode Island, Narragansett Bay Estuarine Research Reserve, NBC, Narragansett Bay Estuary Program (NBEP), Northeastern Regional Assn. of Coastal Ocean Observing Systems

SNEP Watershed Grant: \$300,000

Project Summary: RIDEM will upgrade and replace equipment in its fixed-site monitoring network, which provides real-time water quality data on Narragansett Bay for use by environmental managers, scientists and fishermen. The project will increase the capacity of the network while improving stakeholders' access to environmental information.

Project Name: Comprehensive Plan to Restore Water Quality in Hundred Acre Cove

Grant Recipient: Save The Bay

Partners: RIDEM, NBEP, City of East Providence, Town of Barrington, Town of Seekonk

SNEP Watershed Grant: \$132,338

Project Summary: Save The Bay will bring together stakeholders in order to develop a comprehensive, interstate management plan for Hundred Acre Cove in Upper Narragansett Bay. The plan will enable the restoration of clean water and healthy coastal habitats, while fostering interstate cooperation that can be applied elsewhere in the Narragansett Bay watershed.

Project Name: Estimating Groundwater Contributions to Narragansett Bay and Southern R.I. Coastal Lagoons

Grant Recipient: University of Rhode Island (URI)

Partners: Coastal Carolina University, Natural Resources Conservation Service, R.I. Coastal Resources Management Council, Town of Charlestown, National Science Foundation

SNEP Watershed Grant: \$474,633

Project Summary: URI will study the flow of groundwater into Narragansett Bay and Rhode Island's South Shore salt ponds. Better understanding of groundwater flows is critical to managing coastal water quality and protecting coastal drinking water supplies.

Massachusetts Awards

Project Name: Three Bays Stormwater Reduction and Fertilizer Management

Grant Recipient: Association to Preserve Cape Cod (APCC)

Partners: Town of Barnstable, Barnstable Clean Water Coalition, Horsley Witten Group

SNEP Watershed Grant: \$350,000

Project Summary: The goals of this project are to improve water quality, reduce shellfish and beach closures, and restore habitat for fish, shellfish and other wildlife in the Three Bays area of Cape Cod. To achieve them, APCC will take an integrated approach, installing green infrastructure (GI) to reduce stormwater, and using education and outreach to encourage stakeholders to reduce lawn chemicals and fertilizers.

Project Name: Multi-Community Collaboration to Reduce Nitrogen in Upper Buzzards Bay
Grant Recipient: Buzzards Bay Coalition (BBC)

Partners: Mass. Maritime Academy, Mass. Div. of Marine Fisheries, Towns of Wareham, Bourne, Plymouth and Marion

SNEP Watershed Grant: \$419,006

Project Summary: BBC and its partners will complete engineering, environmental and fiscal studies needed to evaluate potential improvements to the Wareham wastewater treatment facility. If implemented, these improvements will lead to very substantial reductions in nitrogen pollution to Buzzards Bay, restoring estuarine ecosystems. Increased plant capacity will foster economic development by allowing towns to better address housing needs, while facilitating the growth of Mass. Maritime Academy.

Project Name: Regional Collection & Analysis of Cape Cod Water Resources Data

Grant Recipient: Cape Cod Commission (CCC)

Partners: APCC, Center for Coastal Studies, University of Massachusetts (UMass), Waquoit Bay National Estuarine Research Reserve (WBNERR), Woods Hole Oceanographic Institution

SNEP Watershed Grant: \$399,998

Project Summary: CCC will complete the development of a comprehensive, regional database for Cape Cod water quality information. The project will foster more efficient and effective water quality management by state, local and federal agencies; improve information for citizens and stakeholders; and provide a model for regional data management that can be applied throughout Southeast New England and beyond.

Project Name: Childs River Restoration

Grant Recipient: Falmouth Rod & Gun Club (FRGC)

Partners: US Fish & Wildlife Service; Town of Falmouth; Town of Mashpee; WBNERR, Mass. Div. of Ecological Restoration; APCC

SNEP Watershed Grant: \$450,000

Project Summary: FRGC will restore an abandoned cranberry bog back into its original condition as a natural wetland by removing a dam, restoring wetland topography and hydrology, and establishing native plants. In addition to restoring water quality and habitat, this innovative project will enhance public recreation by providing walking trails through this newly conserved natural area.

Project Name: Permeable Reactive Barrier (PRB) for Lagoon Pond on Martha's Vineyard

Grant Recipient: Martha's Vineyard Commission (MVC)

Partners: Towns of Tisbury and Oak Bluffs, UMass,

SNEP Watershed Grant: \$250,000

Project Summary: MVC will install and test an innovative new technology for reducing pollution from septic systems. PRBs are low-cost bioengineered systems that remove nutrients from groundwater as it flows from upland areas to coastal waters. The project will foster clean water and healthy shellfish habitat in Lagoon Pond on Martha's Vineyard,

while piloting a technology with the potential to provide significant benefits throughout Southeast New England.

Project Name: Regional Watershed Permit Implementation for Nitrogen Management in Pleasant Bay, Cape Cod

Grant Recipient: Pleasant Bay Alliance

Partners: Towns of Brewster, Chatham, Harwich and Orleans; Barnstable County; and Mass. Dept. of Environmental Protection (MADEP)

SNEP Watershed Grant: \$250,000

Project Summary: The Pleasant Bay Alliance is restoring water quality in Cape Cod's largest estuary by coordinating action among four municipalities under an integrated scientific and regulatory framework – the first such inter-municipal, watershed-based water quality permit in Southeast New England. Together, the partners are undertaking a number of actions to reduce or mitigate nitrogen pollution to Pleasant Bay, including stormwater management, shellfish restoration, and public education.

Interstate Project Awards

Project Name: Low-Gradient Coastal Index of Biotic Integrity (IBI) for Wadeable Waters in Southern New England

Grant Recipient: New England Interstate Water Pollution Control Commission (NEIWPC)

Partners: RIDEM, MADEP, and TetraTech Inc.

SNEP Watershed Grant: \$250,000

Project Summary: NEIWPC is developing a new methodology for use by Rhode Island and Massachusetts in assessing water quality, using invertebrates in the environment as an indicator of ecosystem health. The methodology will provide state agencies, municipalities and scientists with a powerful new tool for understanding pollution impacts and restoring clean coastal waters.

Project Name: Catalyzing Transformative Change: Planning Together for Resilient Communities through Nature-based Solutions

Grant Recipient: Southeast Regional Planning & Economic Development District (SRPEDD)

Partners: MassAudubon, Manomet, The Nature Conservancy

SNEP Watershed Grant: \$100,000

Project Summary: SRPEDD is leading the Resilient Taunton Watershed Network (RTWN), a collaboration among communities working to preserve and restore the Taunton River watershed. With this grant, RTWN will continue its work of building municipal and citizen capacity to protect clean water through such actions as municipal training and ordinance review; citizen education, and communication of RTWN methods and results throughout the Southeast New England region.