

Coastal Pollutant Remediation Grant Program Awards FY20

Municipality	Project Title	Award
Town of Arlington	Implementation of Bioretention and Multiple Gravel Infiltration Trenches to Address Nutrient Impairment Negatively Impacting Anadromous Fish	\$135,000
Town of Barnstable	Three Bays Stormwater BMP Construction	\$155,538
Town of Kingston	Delano Avenue BMP Retrofit Design and Implementation	\$44,083
Town of Sandwich	Sandwich Harbor Stormwater Mitigation Phase 3B	\$92,000
Town of Yarmouth	Yarmouth Impaired Waters, Stormwater BMP Construction and Design	\$73,380
		\$500,000

Town of Arlington

Implementation of Bioretention and Multiple Gravel Infiltration Trenches to Address Nutrient Impairment Negatively Impacting Anadromous Fish

Award: \$135,000

The Town of Arlington, in partnership with the Mystic River Watershed Association, will finalize designs and construct two bioretention basins and multiple infiltration trenches to treat stormwater runoff entering Alewife Brook, part of the Mystic River Watershed. The Mystic River is critical spawning and nursery habitat for migratory river herring (Alewife and Blueback herring). The lower portion of the River is currently listed as impaired for phosphorus, leading to eutrophication, low oxygen conditions and reduced habitat quality. Intercepting and treating stormwater runoff will reduce non-point source pollution to the Mystic River, ultimately improving water quality and habitat.

Town of Barnstable

Three Bays Stormwater BMP Construction

Award: \$155,538

The Town of Barnstable, in partnership with the Association to Preserve Cape Cod and the Barnstable Clean Water Coalition, will complete final designs previously funded by CZM and implement green infrastructure to treat nitrogen, bacteria and other pollutants in stormwater runoff at a priority location. This project builds on assessment, design, and construction work in the Three Bays watershed funded by CZM and EPA to treat contaminated runoff, protect coastal habitat, and improve opportunities for swimming and shellfishing.

Town of Kingston

Delano Avenue BMP Retrofit Design and Implementation

Award: \$44,083

The Town of Kingston will finalize plans and complete permitting for construction to retrofit existing stormwater green infrastructure to improve function and resiliency to climate change impacts. This project is the sixth phase of Kingston's long-term work to remediate bacterial pollution, improve water quality and expand opportunities for shellfish harvesting in the Jones River Estuary and Kingston Bay.

Town of Sandwich**Sandwich Harbor Stormwater Mitigation Phase 3B**

Award: \$92,000

The Town of Sandwich, building on design and construction work funded by CZM, will construct porous pavement and sand filters to treat bacteria and nutrients in stormwater entering Sandwich Harbor. This project is part of a large, multi-year Cape Cod Water Resources Restoration effort funded by the United States Department of Agriculture's Natural Resource Conservation Service (NRCS). The constructed BMPs will capture the first flush of stormwater runoff from impervious surfaces and target bacteria and nutrient inputs to Sandwich Harbor. Completion of this project will help to achieve water quality improvement, with the ultimate goal to reclassify Sandwich Harbor as fully approved for shellfishing.

Town of Yarmouth**Yarmouth Impaired Waters, Stormwater BMP Construction and Design**

Award: \$73,380

The Town of Yarmouth will build on assessment, design, and construction work funded by previous CPR grants to construct stormwater green infrastructure at a high priority location and develop final designs for a second site. The structures, designed to be resilient to climate change impacts, will treat nitrogen and bacteria from contaminated stormwater runoff. This project is part of a multi-year effort by the Town to improve water quality, protect coastal habitat, and reopen shellfish beds to harvesting on Yarmouth's southern coast.