

Coastal Pollutant Remediation Grant Program Awards FY18

| Municipality | Project Title | Award |
|--------------------|---|------------------|
| Town of Barnstable | Three Bays Stormwater BMP Design | \$59,014 |
| City of Everett | Improve Anadromous Fish Habitat in Malden and Mystic Rivers through Identification of BMP Locations | \$43,496 |
| Town of Kingston | Jones River Estuary BMP Design & Implementation Project - Phase V | \$161,288 |
| City of Melrose | Orient Avenue Rain Garden Site 1 and Site 2 Construction | \$50,669 |
| Town of Plymouth | Implementation of Stormwater Remediation at Eagle Hill Drive for Water Quality Improvements at Great Herring Pond | \$175,000 |
| Town of Yarmouth | Yarmouth Impaired Waters, Stormwater BMP Design | \$10,533 |
| | | \$500,000 |

Town of Barnstable

Three Bays Stormwater BMP Design

Award: \$59,014

The Town of Barnstable, in partnership with the Association to Preserve Cape Cod and the Barnstable Clean Water Coalition, will identify opportunities to improve water quality within the Three Bays watershed through a watershed assessment. Assessment results will then be used to identify priority locations for stormwater treatment. Stormwater Best Management Practices (BMPs) to reduce nitrogen, bacteria and other pollutants will be designed and permitted at a number of these locations. When constructed, the BMPs will lead to the restoration of coastal habitat and reduce closures of shellfish beds and swimming beaches.

City of Everett

Improve Anadromous Fish Habitat in Malden and Mystic Rivers through Identification of BMP Locations

Award: \$43,496

The City of Everett, in partnership with the Mystic River Watershed Association, will perform an assessment to locate and prioritize areas suitable for future construction of stormwater BMPs to remediate contaminated runoff from highly urbanized land surrounding the Malden and Mystic Rivers. These rivers are valued areas for recreation as well provide as critical passage and spawning habitat for river herring. Currently, water quality is impaired by high levels of nutrients from untreated stormwater runoff. This project is part of a larger effort to improve river herring habitat, increase water quality, and enhance recreational opportunities.

Town of Kingston

Jones River Estuary BMP Design & Implementation Project - Phase V

Award: \$161,288

The Town of Kingston will finalize engineering plans, complete permitting, and construct subsurface infiltration BMP's at priority outfalls that currently contribute significant levels of bacteria and sediment to Second and Third Brook, the Jones River, and ultimately Kingston Bay. This project builds on previously funded work through the CPR Program and is the fifth phase of a long-term effort to remediate bacterial pollution, improve water quality and expand opportunities for shellfish harvesting in the Jones River Estuary and Kingston Bay.

City of Melrose**Orient Avenue Rain Garden Site 1 and Site 2 Construction**

Award: \$50,669

The City of Melrose will construct four raingardens to treat contaminated runoff currently impacting the water quality of Ell Pond, part of the Mystic River watershed. This work builds on assessment and preliminary design work funded by MassDEP and CZM. When constructed, the raingardens will capture and treat the first flush of stormwater runoff, reducing the amount of pollutants entering Ell Pond, which has impaired water quality from pathogens, sediments, and phosphorus. The raingardens have been designed to handle additional runoff in anticipation of more intense and frequent rainfall due to climate change, extending the resiliency of stormwater treatment in the area. The overall goal of this project is to restore Ell Pond to a fishable and swimmable waterbody.

Town of Plymouth**Implementation of Stormwater Remediation at Eagle Hill Drive for Water Quality Improvements at Great Herring Pond**

Award: \$175,000

The Town of Plymouth, in partnership with the Herring Ponds Watershed Association, will construct infiltration BMPs located at two priority outfalls that currently discharge untreated stormwater to Great Herring Pond. The project builds on design work funded through a previous CPR Grant and will help prevent sediment, nutrients, and bacteria from reaching Great Herring Pond—improving water quality and protecting critical habitat for river herring.

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

Award: \$10,533

The Town of Yarmouth will finalize the design of a green infrastructure stormwater BMP to treat bacteria and nitrogen contaminated runoff on Yarmouth's southern coast, building on site assessment and conceptual design work funded through a previous CPR grant. The proposed BMP is a gravel wetland combined with a surface bioretention area that will be designed to treat sediment, bacteria, and nitrogen in stormwater runoff at a high priority location. This project will contribute to Yarmouth's long term goal to remediate impaired waters, improve coastal habitat, and reduce the frequency of shellfish bed and beach closures.