



Lowell FY21 MVP Action Grant

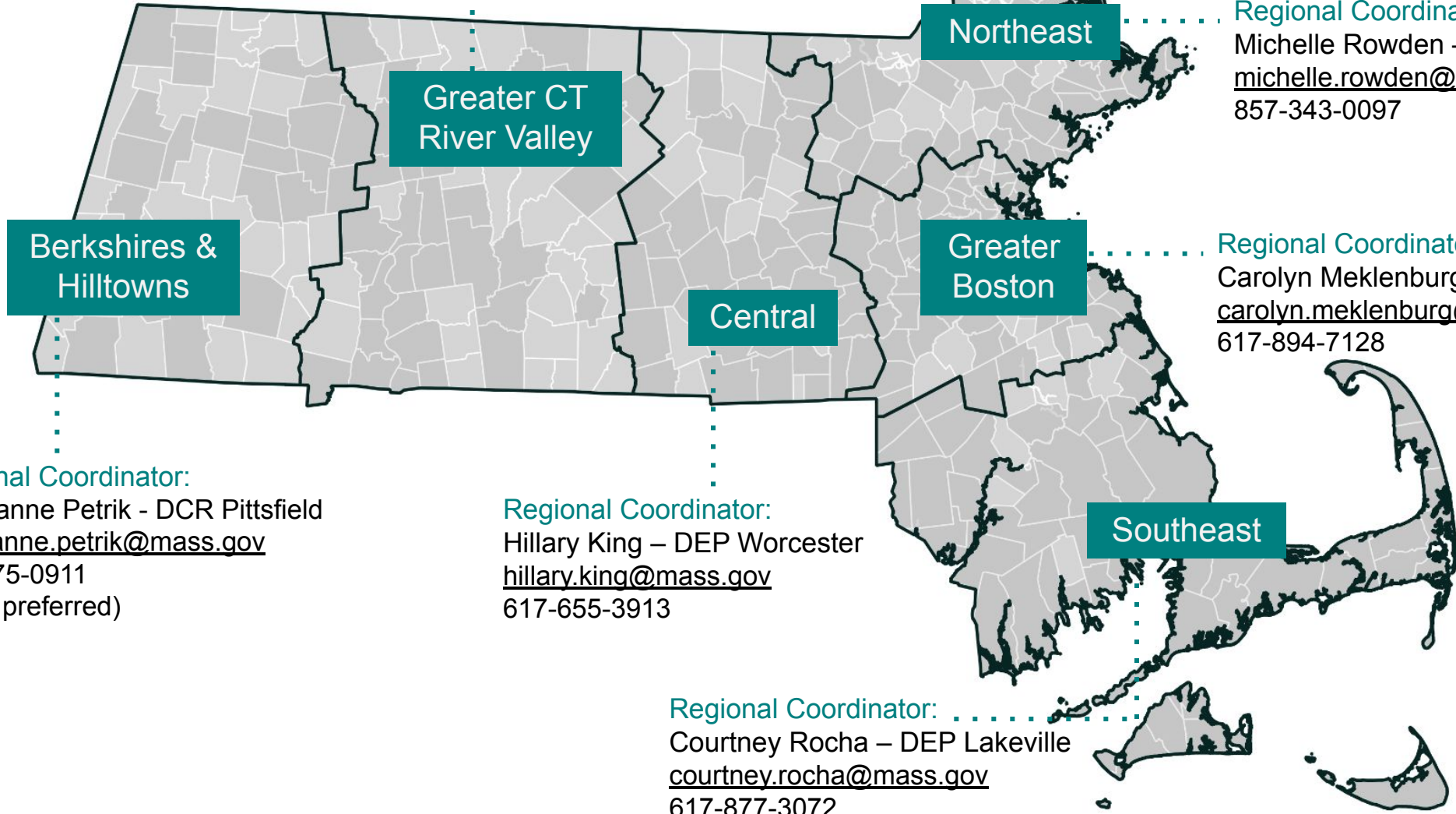
Municipal Vulnerability Preparedness (MVP) Grant Program



Courtney Rocha, Southeast Regional Coordinator
MA Executive Office of Energy and Environmental Affairs
Courtney.rocha@mass.gov

MVP Regions

Regional Coordinator:
Andrew Smith – DEP Springfield
andrew.b.smith@mass.gov
617-655-3874



Regional Coordinator:
Carrienne Petrik - DCR Pittsfield
carrienne.petrik@mass.gov
617-875-0911
(email preferred)

Regional Coordinator:
Hillary King – DEP Worcester
hillary.king@mass.gov
617-655-3913

Regional Coordinator:
Courtney Rocha – DEP Lakeville
courtney.rocha@mass.gov
617-877-3072

Regional Coordinator:
Michelle Rowden – DEP Lawrence
michelle.rowden@mass.gov
857-343-0097

Regional Coordinator:
Carolyn Meklenburg – 100 Cambridge St.
carolyn.meklenburg@mass.gov
617-894-7128

Agenda

- Overview of MVP Program
- Becoming MVP Certified
- Stormwater projects funded through MVP
- Successful components of an MVP Action Grant

Planning GRANT

RFR open mid-March 2023; Closes
June 2023

Open to municipalities new to MVP
~\$15,000-\$30,000 per plan completed
by 6/30/2025



Action GRANT

RFR open mid-March 2023; Closes
May 2023

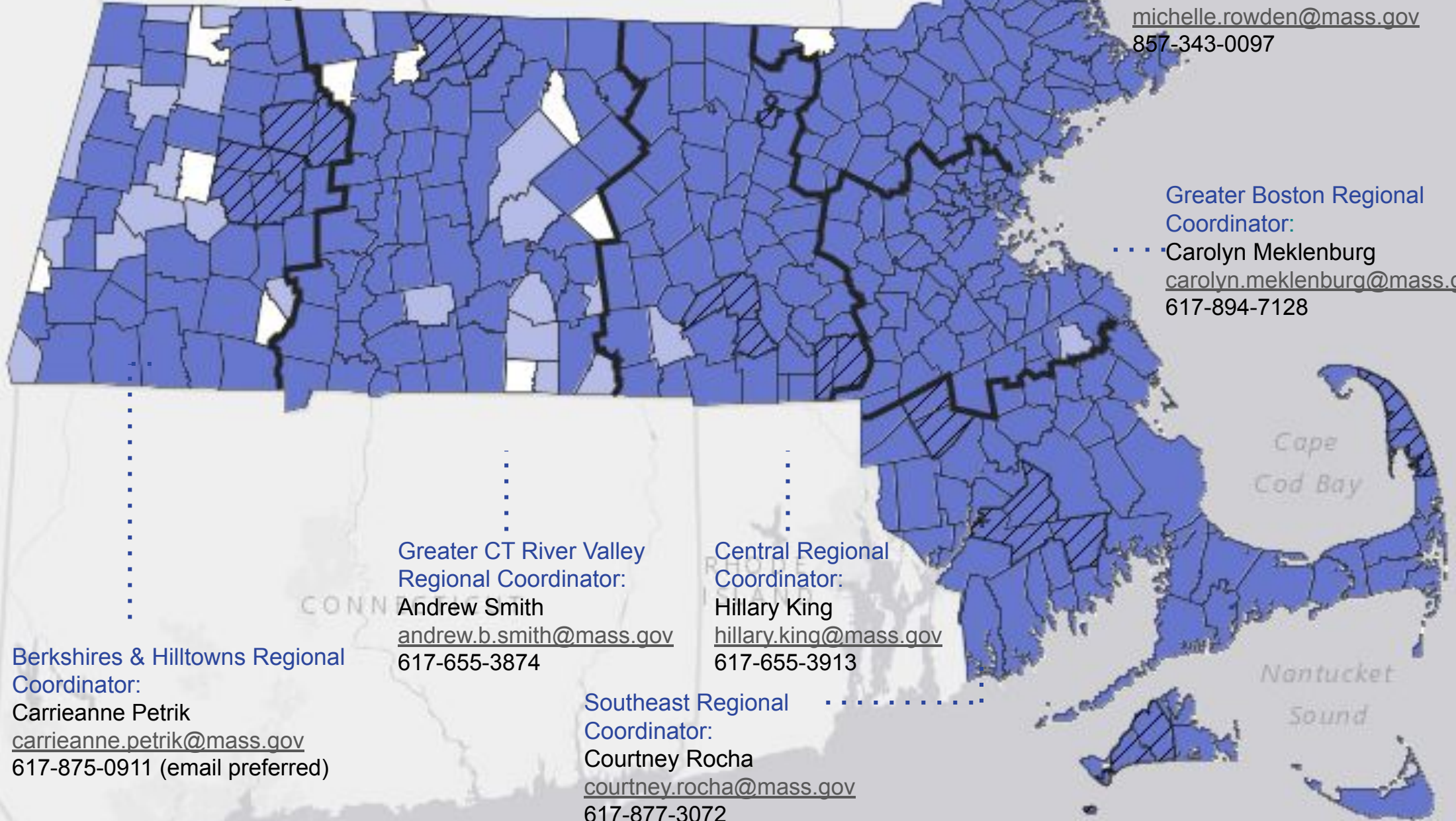
Open to MVP communities

Up to \$3M per project, completed by
6/30/2024 or 6/30/2025

At least \$20M available



MVP Program Status



◆ Northeast Regional Coordinator:
Michelle Rowden
michelle.rowden@mass.gov
857-343-0097

Greater Boston Regional Coordinator:
◆◆ Carolyn Meklenburg
carolyn.meklenburg@mass.gov
617-894-7128

◆ Berkshires & Hilltowns Regional Coordinator:
Carrieanne Petrik
carrieanne.petrik@mass.gov
617-875-0911 (email preferred)

◆ Greater CT River Valley Regional Coordinator:
Andrew Smith
andrew.b.smith@mass.gov
617-655-3874

◆ Central Regional Coordinator:
Hillary King
hillary.king@mass.gov
617-655-3913

◆ Southeast Regional Coordinator:
Courtney Rocha
courtney.rocha@mass.gov
617-877-3072

Action Grants

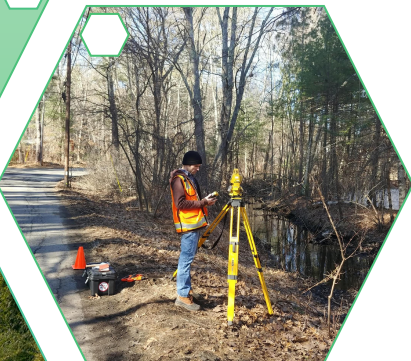
MVP CORE PRINCIPLES

Multiple benefits to a broad cross-section of the community



Proactive solutions supported by climate data

Prioritize Nature-based Solutions



Address community identified climate change priorities

Robust community engagement

Improve outcomes for Environmental Justice (EJ) Communities



Think beyond borders

Monitoring & maintenance

Innovative & transferable



Project Types



Planning, Assessments, Capacity Building, and Regulatory Updates



Design and Permitting



Construction and On-the-Ground Implementation

Note: Demonstrate necessary permits & permissions have been secured

What's NEW in MVP?

1. Increased maximum grant funding request from \$2 million to \$3 million for individual projects. Regional projects remain capped at \$5 million
2. Allow for lower match (10% of total project cost instead of 25% of total project cost) for communities meeting definition of “Massachusetts economically disadvantaged rural communities.” Eligible communities will be listed in Attachment N.

Statistics From Last Round

135 applications

Over \$55.5 million requested

74 funded projects

Total funding \$32.6 million

Average grant size: ~\$447,000

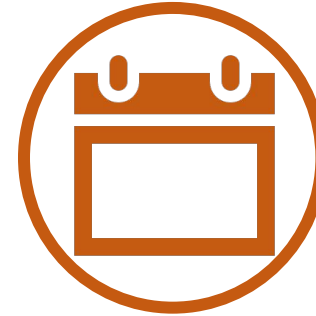
Details and Timeline



- At least \$20 million available
- 25% match required, with exceptions
- Reimbursement



**Submit applications by
online form**



RFR release: Mid-March 2023

RFR Q&A period ~2 weeks

Applications due: ~8 weeks after release
(see RFR for details)

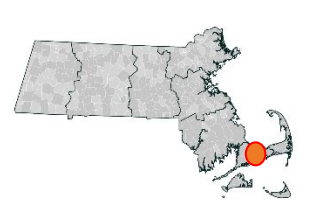
Award announcement: August 2023

Projects start: Anticipated September 2023

Projects end: June 30, 2024 OR June 30,
2025

Action Grant Examples

Increasing Resilience to Harmful Algal Blooms in Santuit Pond Stormwater Retrofit Implementation



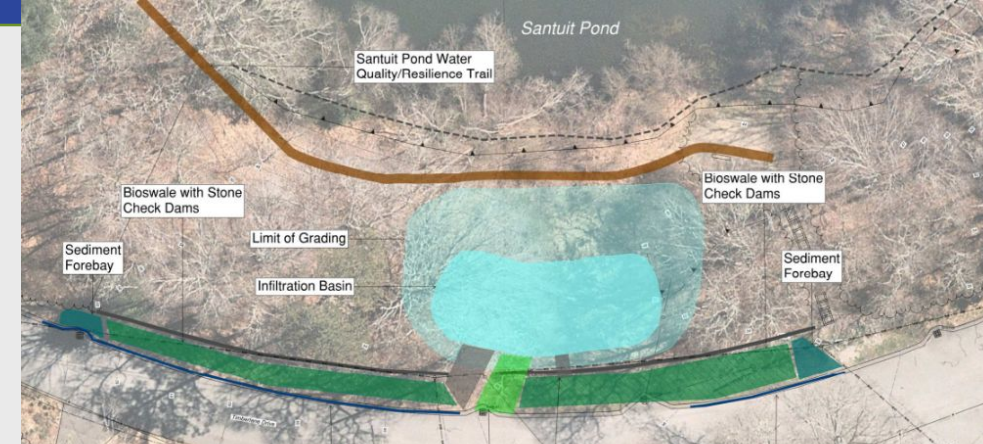
Mashpee FY22 & FY23 Town of Mashpee and Mashpee Wampanoag Tribe

AWARD FY22 – \$131,691 FY23 – \$469,037

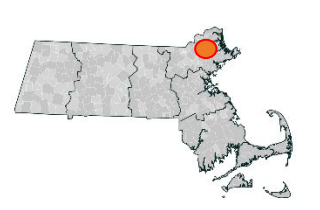
MATCH \$211,817

DESCRIPTION

- Stormwater retrofits and other water quality improvements to improve stormwater management and repurpose the site to promote fishing, walking, canoeing, and educational activities
- partnership between the Town of Mashpee and the Mashpee Wampanoag Tribe that examines how traditional land and resource management techniques can intersect with the latest approaches in green infrastructure and nature-based solutions



Maillet, Sommes, Morgan Constructed Stormwater Wetland



Reading FY23

Reading & Mystic River Watershed Communities

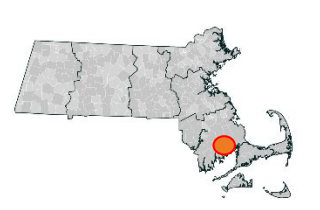
AWARD FY23 - \$2,116,578

MATCH \$729,637

- DESCRIPTION
- construction of the stormwater wetland system at Maillet, Sommes, and Morgan which will help create additional offline stormwater storage
 - improve stream bank stabilization and ecological stability while improving open space development and trail connectivity



Kempton Street Corridor Green Infrastructure



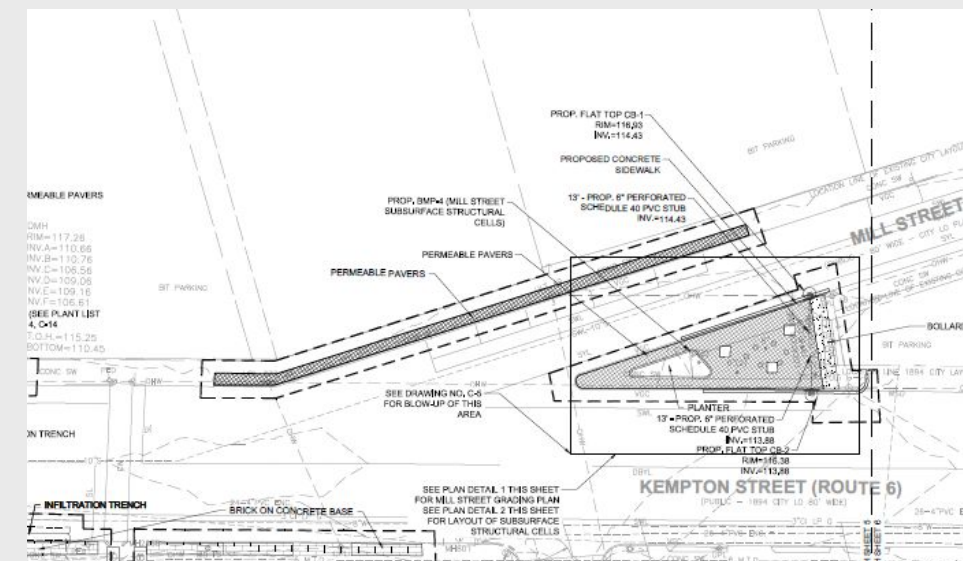
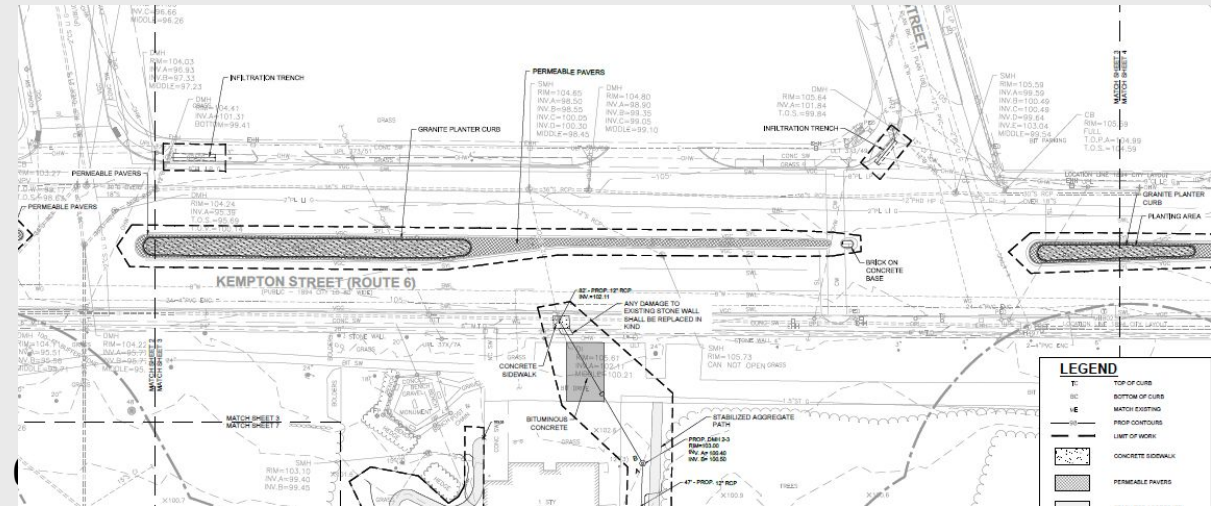
New Bedford FY23

City of New Bedford

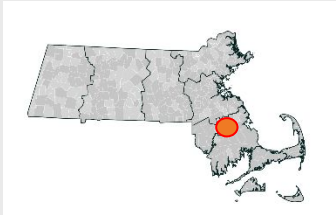
AWARD \$161,800

MATCH \$53,975

- DESCRIPTION
- design and permit a green infrastructure project along Kempton Street (State Route 6) from the City's border with the Town of Dartmouth eastward to Rockdale Avenue.
 - includes an existing conditions survey, and design and permitting of the project with a robust public participation component



Preserving Turkey Swamp: A Keystone Goal



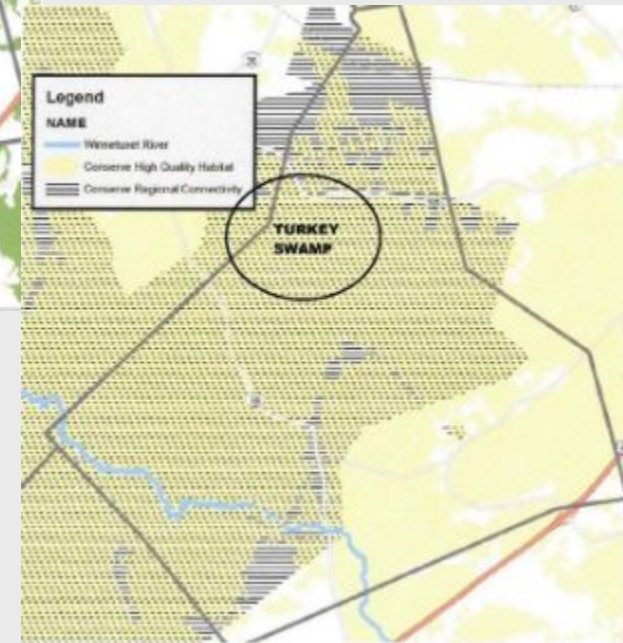
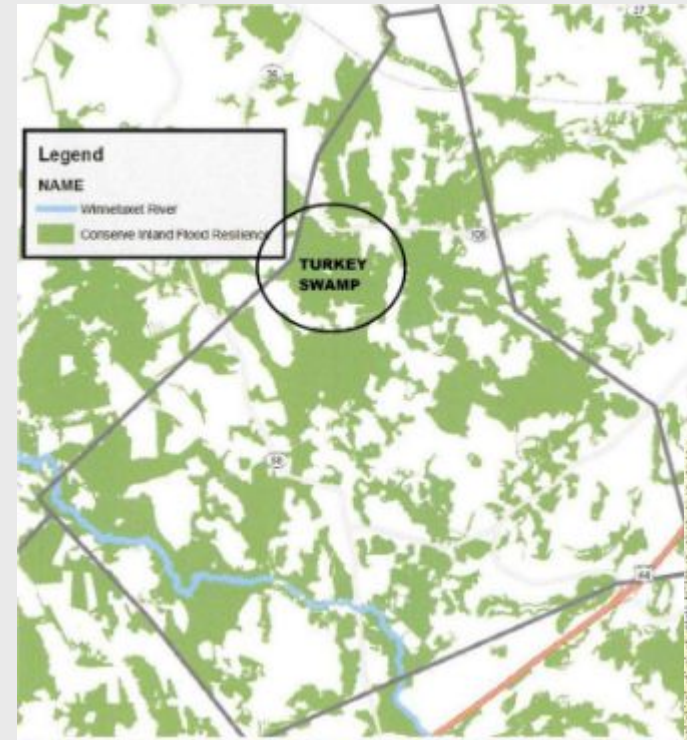
Plympton FY23

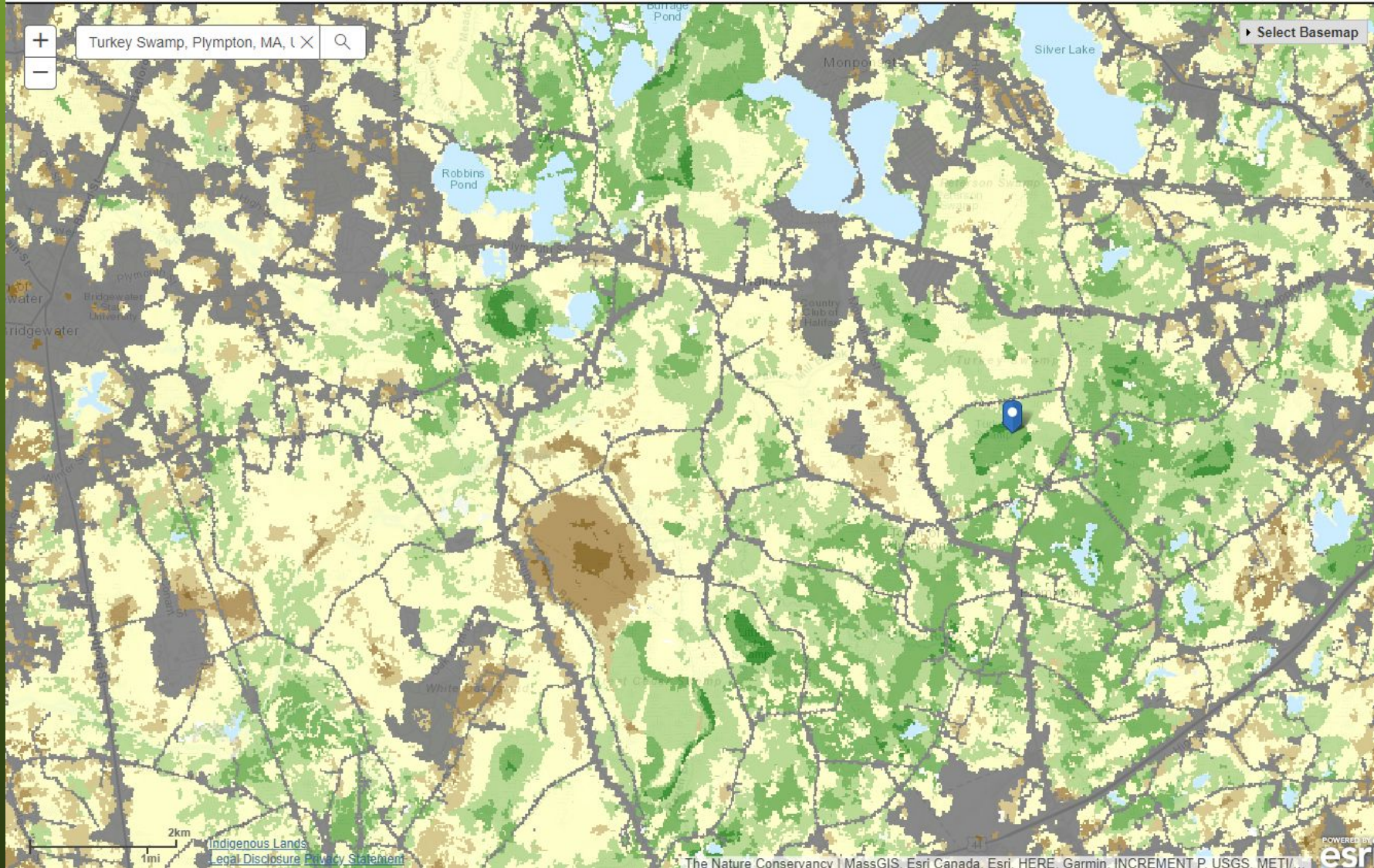
Town of Plympton

AWARD \$502,500

MATCH \$289,475

- DESCRIPTION**
- at the junction of two watersheds and is at the center of one of the largest natural areas in southeastern MA and the state
 - preserving almost 300 acres, Turkey Swamp will maintain critical ecosystem connections, reduce vulnerability to floods, stormwater, and droughts





Connectivity and Climate Flow (Categorical)
 Recognized Biodiversity Value
 Resilient and Connected Network (Simple)

Explore Component Data

Resilient & Connected Network+
Resilient Sites+
Recognized Biodiversity Value+
Carbon Estimates+
Landcover and Ecosystems+

Reference Layers

Study Regions
 Basemap
 Ecoregions
 States
 Secured Areas

Set Transparency

Download Data

Indigenous lands

Resilient Sites (Customized)

- Most resilient
- More resilient
- Slightly more resilient
- Average or Median Resilience
- Slightly Less Resilient
- Less Resilient
- Least Resilient
- Developed
- Migration Space for Tidal Habitat
- Resilient Tidal Habitat
- Vulnerable Tidal Habitat
- Sea Level Rise Area

Enter a URL for an ArcGIS Map Service

Add Map Service Remove Map Service

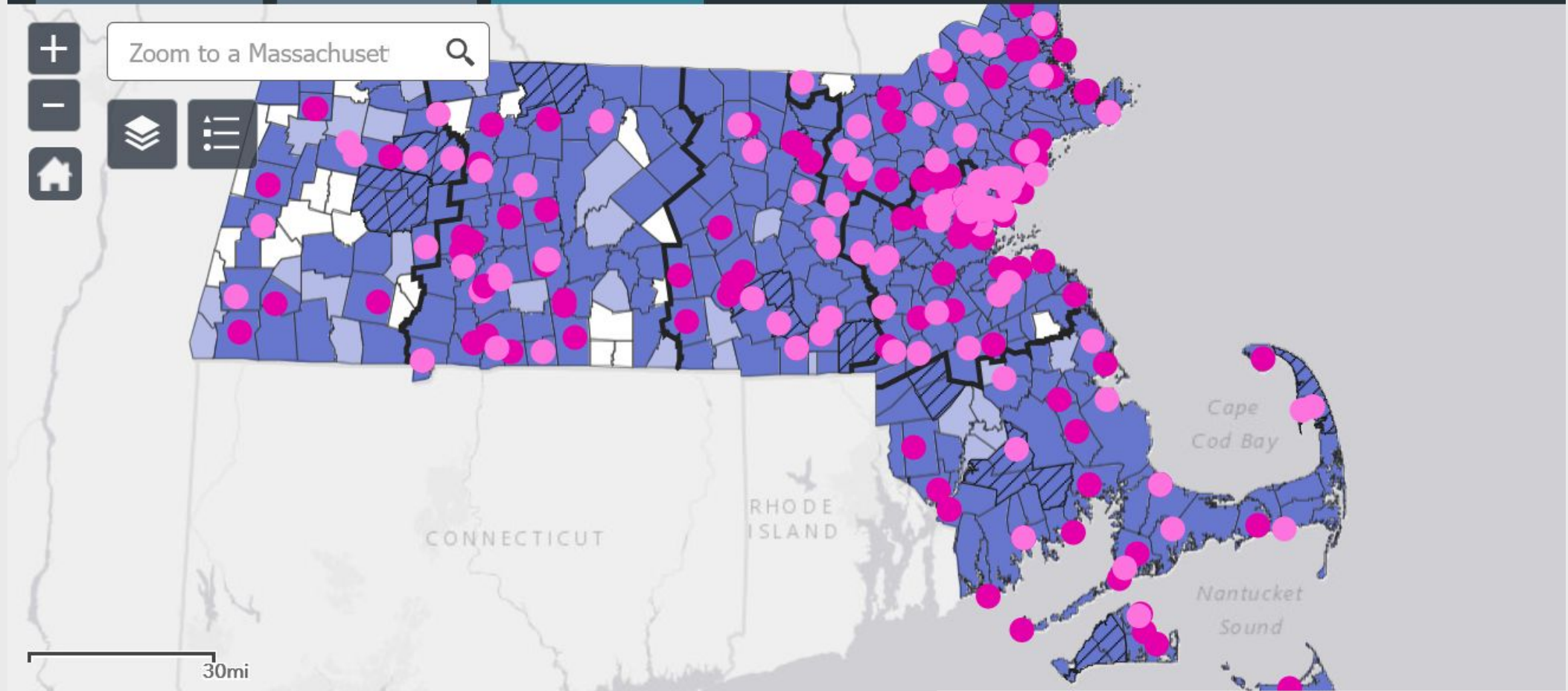
View the MVP grants in the tabs below:

Municipal Vulnerability Preparedness Program

Planning Grants

Action Grants

All MVP Grants



To view more examples of MVP Action Grant Projects:

<https://www.mass.gov/info-details/municipal-vulnerability-preparedness-program-action-grant-projects>
or check out our interactive grant viewer at www.resilientma.org/mvp

Competitive Evaluation Criteria

- **Project Description, Rationale, and Climate Data**
 - What climate change impacts the project will address, what the objectives are, why the project was chosen, how it reflects priorities in MVP plan
 - Project includes use of RMAT Climate Resilience Design Standards Tool, if applicable
 - Incorporates up-to-date climate science and data on future conditions
 - Includes yearly progress report if required
- **Timeline, Scope, and Budget** (including 25% match of total project cost, 10% if community listed in Attachment N)
 - Project scope—detail the steps of the project in the application and the summary in the scope/budget attachment
 - Project budget (delineated by fiscal year if applying for FY24 funding)
 - Clear project timeline with capability to be completed in the contract period
 - Identification of regulatory components (including attachment for design, permitting, and construction projects)

Competitive Evaluation Criteria

- **Nature-Based Solutions and Environmental Benefits**
 - How ecological systems are incorporated into the overall vision of project
 - Identification and description of environmental co-benefits of project
 - Hard infrastructure can get partial points
- **Environmental Justice and Public/Regional Benefits**
 - Project located in and positive impacts to Environmental Justice Population– should also have demonstrated support from that community (community liaison model and/or letters of support), can get partial points for projects benefitting a Climate Vulnerable Population
 - Project benefits a large area and number of people and has many co-benefits
 - Whether the project is regional

Competitive Evaluation Criteria

- **Public Involvement and Community Engagement**
 - Follow guidance to complete a **Public Involvement and Community Engagement Plan** (matrix and narrative) consisting of print, digital, and in-person equitable outreach
 - Degree to which feedback will be incorporated into process and mechanism to share results
 - Tasks identified in plan should be incorporated into scope/budget
 - If a construction/implementation project- can get points for robust past engagement strategies, just be clear about what is in this scope and what has already occurred

Competitive Evaluation Criteria

- **Need for Financial Assistance**
 - Narrative of why funding is needed (to be combined with an assessment by EEA)
- **Project Feasibility & Management**
 - Technical, financial, and management capacity to take on project
 - If ongoing MVP grant, note capacity to take on a new one
 - Landowner, public, and/or partner support
 - Good standing in MVP program, to be completed by MVP team
- **Overall Project Quality**
 - Determined by reviewers

An aerial photograph of a lush green landscape. A winding stream flows through a grassy area, leading to a larger pond on the right. The surrounding area is densely forested with green trees. A dirt road or path runs through the middle of the scene. The overall scene is bright and clear, suggesting a sunny day.

Thank you!

Courtney Rocha
Courtney.rocha@mass.gov

