

Coastal Habitat and Water Quality Grants Program Information Session

Massachusetts Office of Coastal Zone Management

Introductions

Please type your name and affiliation into the chat as you enter the session.

Questions

Type questions in the chat or save them for the Q&A at the end of the presentation.

Recording and Slides

The webinar will be recorded, and the presentation will be available on the website.

<https://www.mass.gov/info-details/coastal-habitat-and-water-quality-grants>





Coastal Habitat and Water Quality Grants Program

Massachusetts Office of Coastal Zone Management

Kathleen Mason, *Coastal Habitat and Water Quality Specialist*

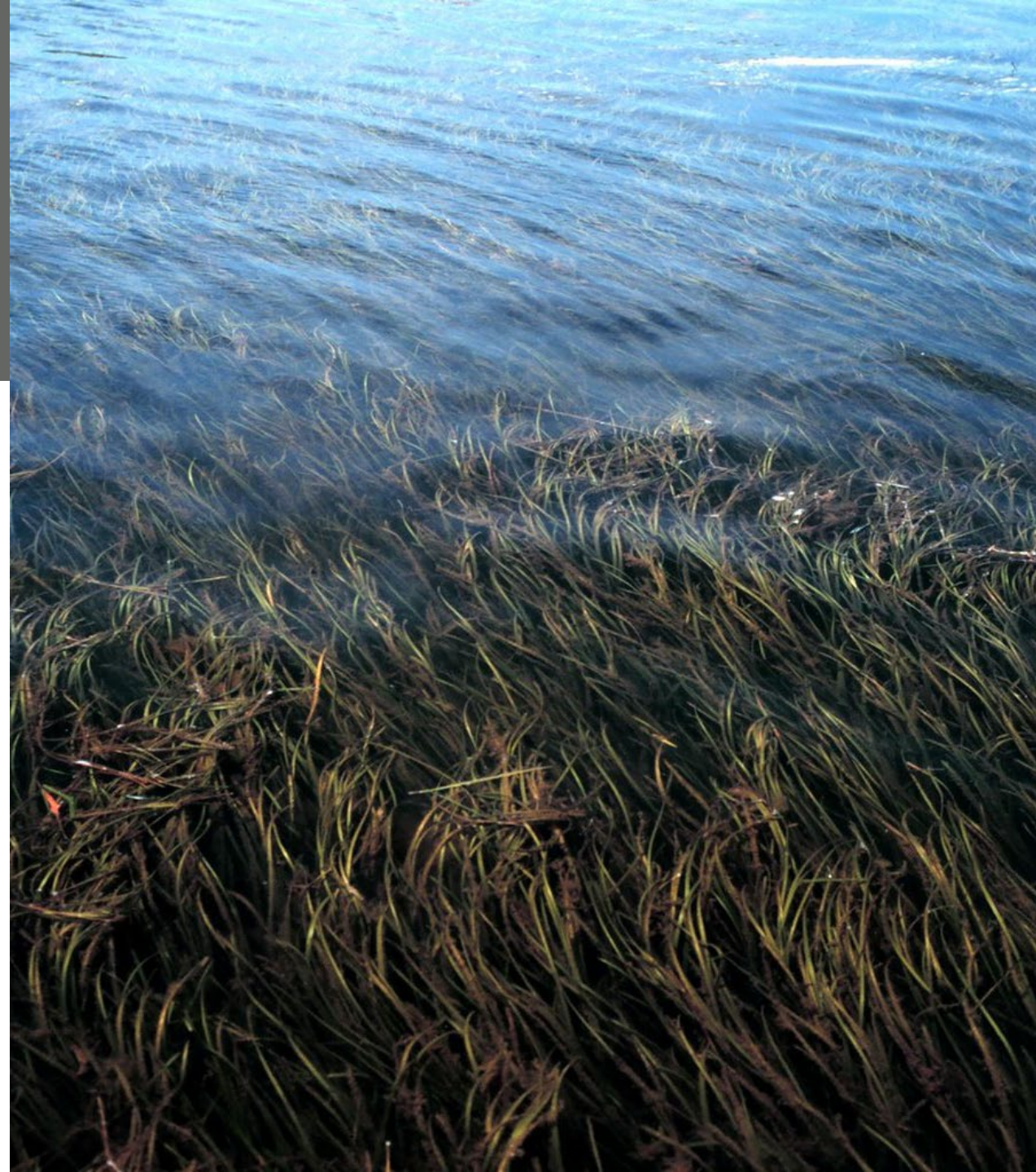
Adrienne Pappal, *Coastal Habitat and Water Quality Program Manager*

Alexis Neffinger, *Coastal Habitat and Water Quality Specialist*

Objectives

Coastal Habitat and Water Quality Grants

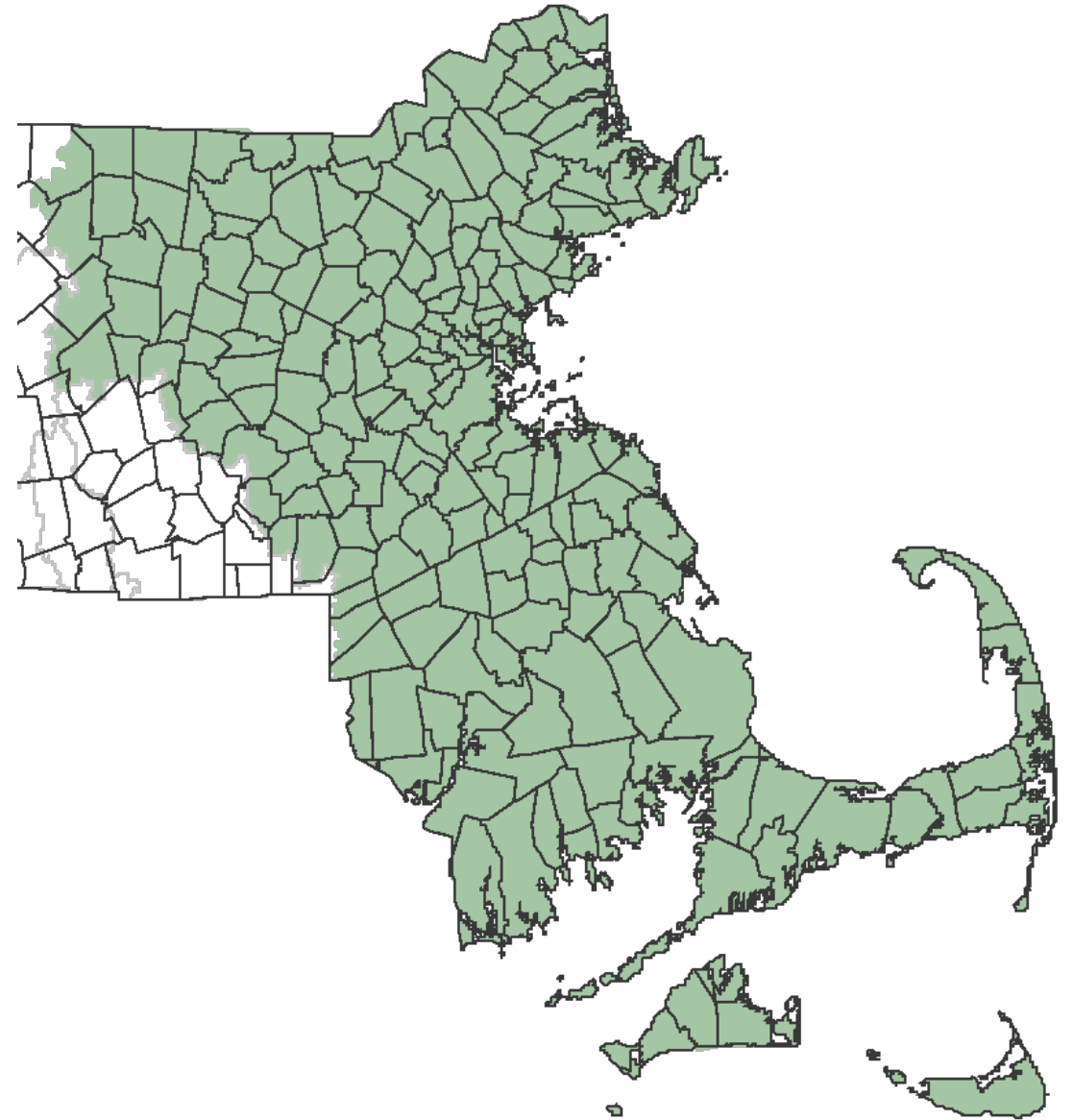
- Remediation of impaired waterbodies
- Improvement and protection of water quality
- Implementation of green stormwater infrastructure
- Building capacity of Massachusetts communities within the coastal watershed
- Development of comprehensive restoration plans
- Protection of associated benefits and uses



Eligible Applicants

Coastal Habitat and Water Quality Grants

- Municipalities in the coastal watershed (>200)
- Federally recognized and State acknowledged Tribes
- Certified 501(c)(3) non-profit organizations, regional planning agencies, and stormwater collaboratives in partnership with an eligible municipality
- Projects that benefit Environmental Justice populations are strongly encouraged to apply



Eligible Projects

Coastal Habitat and
Water Quality Grants



Assessment, identification, and characterization of stormwater pollution sources



Design, permitting, implementation, and/or retrofits of structural stormwater Best Management Practices (BMPs)



Capacity-building activities to support implementation of green stormwater infrastructure



Comprehensive habitat restoration planning



Advancement of priority land acquisition planning activities



Stormwater Assessment

Assessment, identification, and characterization of stormwater

- Focus on **nonpoint source (NPS) pollution**, specifically stormwater discharges, to eligible waterbodies within the coastal watershed
- Outline existing data and knowledge to demonstrate a clear basis for further work
- Assessment, identification, and characterization of stormwater:
 - physical evaluation of drainage areas
 - land-use characterization
 - water quality testing at instream and outfall locations to identify remediation actions
 - investigation of the appropriate type and placement of stormwater best management practices (BMPs)

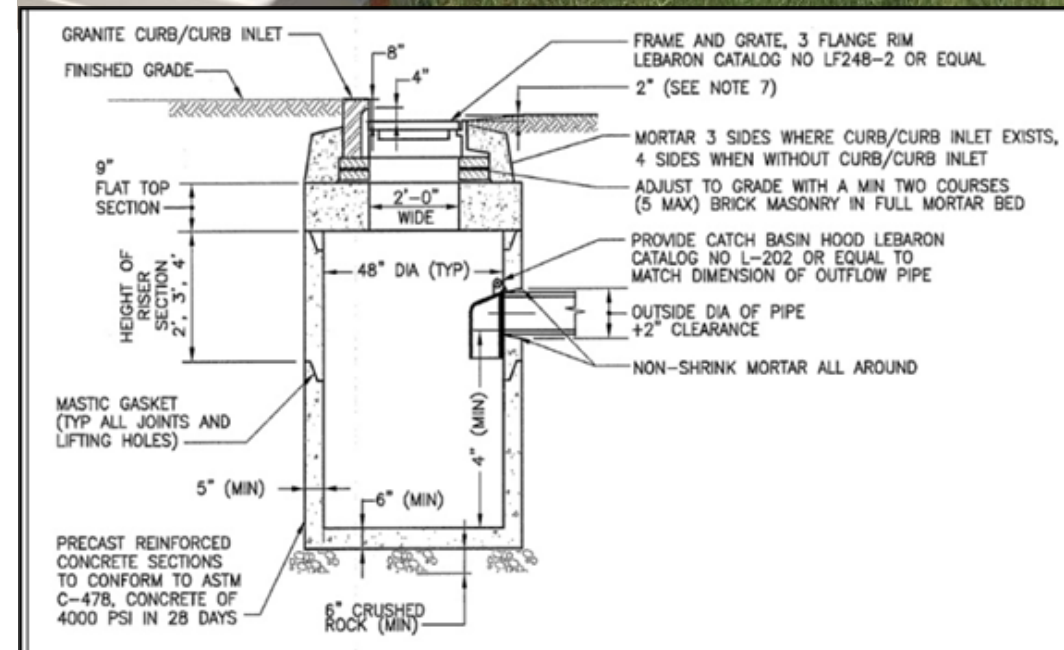




BMP Implementation

Design, permitting, retrofits, and implementation of structural stormwater BMPs

- Target **treatment of containments of concern** impairing water quality in receiving waters
- BMPs to **remediate stormwater runoff** from paved or unpaved roads, bridges, and parking lots
- **Retrofits** to increase the ability of existing infrastructure to improve or protect water quality, remediate contaminants of concern, and support resiliency over the design life of the structure.
- Required Operation and Maintenance (O&M) plan for implementation projects
- Must be located on municipally owned land, or receive an access easement



adapted from the University of New Hampshire



Capacity Building

Activities to support implementation of green stormwater infrastructure

- **Promote implementation of green stormwater infrastructure & ensure long-term maintenance and function**
- Development, amendment, or implementation of local stormwater bylaws, ordinances, standards, or other management measures.
- Green infrastructure operations & maintenance trainings for municipal staff
- Guidance documents or case studies of successful projects
- Development of tools or resources that support municipal assessment, planning, design, implementation, and operation and maintenance activities for green stormwater infrastructure.





Comprehensive Habitat Restoration Planning

Evaluation, identification of restoration alternatives, and creation of a comprehensive plan

- Detail existing conditions and **define and evaluate natural resources and stressors** within a specific project area
- Analyze, assess, and **prioritize ecosystem restoration opportunities** and goals for the project area
- Design aspects of specific restoration and/or protection projects
- Development of a restoration plan with concrete and **feasible short-term and long-term actions** leading to restoration of coastal habitat





Priority Land Acquisition Planning

Advancing planning and evaluation of potential lands for acquisition

- Open to eligible applicants with a current comprehensive Habitat Restoration Plan completed under previous CHWQ funding
- Advancing planning and evaluation of potential lands for acquisition for the purposes of restoration, buffer protection, and/or future marsh migration
- Planning may include legal analysis, assessment of ownership, prioritization of lands, etc.





Assessment, identification, and characterization of stormwater pollution sources



Design, permitting, implementation, and/or retrofits of structural stormwater Best Management Practices (BMPs)



Capacity-building activities to support implementation of green stormwater infrastructure



Comprehensive habitat restoration planning



Advancement of priority land acquisition planning activities*

Public Engagement,
Education, & Outreach

Climate Resiliency

Public Engagement, Education, & Outreach

- Increase participatory decision-making within the selected project categories
- Describe community participation and engagement completed or to be completed
- Public education and outreach activities as a component of the broader project are allowable costs



Climate Resiliency

The image shows the front cover of a report. At the top is a photograph of a lush green wetland area with a small pond, framed by tree branches. Below the photo is the title 'Assessment of Climate Change Impacts on Stormwater BMPs and Recommended BMP Design Considerations in Coastal Communities' in bold black text. To the right of the title is the date 'December 2015'. Below the title is a horizontal strip of three small photographs showing different stormwater management features: a grassy slope, a paved area with a stormwater inlet, and a wetland area. At the bottom is a large photograph of a stormwater pond with a circular grate and surrounding vegetation. The text 'Prepared for: Massachusetts Office of Coastal Zone Management' and other details are on the right side. At the bottom right are logos for C7M and Woods Hole Group.

Assessment of Climate Change Impacts on Stormwater BMPs and Recommended BMP Design Considerations in Coastal Communities

December 2015

- Consideration of the impacts of climate change for the resource area and/or over the design life of an implementation project
- Reference existing, best-available data tools to characterize and assess current and future climate change impacts
 - MA Ocean Resource Information Systems
 - Climate Resilient Design Standards Tool
 - Sea Level Affecting Marshes Model
 - MA Sea Level Rise and Coastal Flooding Viewer
- Incorporation of recommendations from relevant reports

Prepared for:
Massachusetts Office of Coastal Zone Management
Attn: Adrienne Pappal
251 Causeway Street, Suite 800
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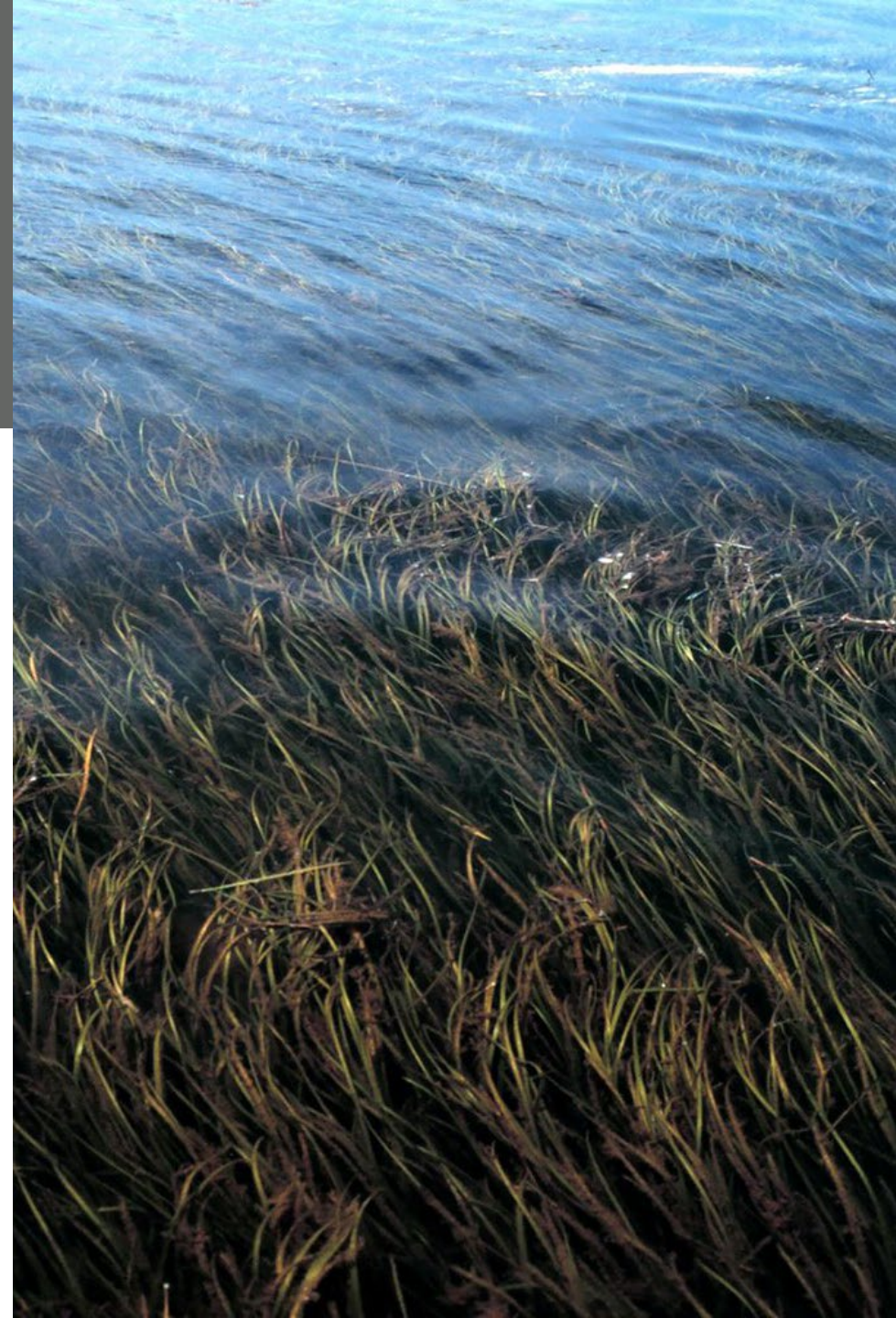
Submitted by:
Horsley Witten Group, Inc.
Teaming with:
Woods Hole Group



Program Priorities

Coastal Habitat and Water Quality Grants

- Implementation of a structural stormwater BMP selected or designed through a previous CZM grant.
- Advanced planning and evaluation of potential lands for acquisition as identified in a CHWQ funded approved comprehensive restoration plan.
- Projects providing benefits to Environmental Justice (EJ) communities or projects significant to Federally recognized and State acknowledged Tribal interests.
- Activities that protect or improve habitat and water quality in waterbodies that support current or historic diadromous fish runs.



Strong Applications

- Clearly stated, detailed, and measurable goals
- Link to coastal watershed water quality, habitat (including current or historic diadromous fish runs), uses, or listed impairments
- Demonstrated tangible benefits to water quality, habitat, and/or uses within the coastal watershed
- Logical steps from problem definition to solution
- Inclusion of the identification of stressors and solutions
- Use of baseline information and optimize existing data tools
- Demonstrated priority with support of partners
- Identified community engagement
- Consideration climate change impacts

Ineligible Activities

- Remediation of non-stormwater discharges or focus on groundwater sources of NPS
- Projects which focus solely on erosion, flooding, or coastal shoreline protection.
- Any activity associated with septic systems.
- Acquisition of lands.
- Implementation projects constructed on non-public lands that do not have an access easement
- Development of a water quality monitoring program solely for the purpose of ongoing monitoring, research, and/or education
- Scientific/academic studies or development of new tools/models that are redundant to existing available resources.
- Project elements that are inconsistent with local, state, and federal regulations and policies.

Logistics

Coastal Habitat and Water Quality Grants

Match: Optional, but recommended

Total Available Funding: ~\$2 million

Average Individual Project Costs: \$50,000 - \$850,000

Project Timelines: One year (July 1, 2024 – June 30, 2025) OR two year (July 1, 2024 – June 30, 2026)

RFR: Access RFR on COMMBUYS and CHWQ website, email notification of release

Questions: (Pre RFR release) Email

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*To receive an email notification of the release of the RFR, and updates about the grant, please fill out this form:
<https://forms.office.com/g/qYuKE8nnEx>

Estimated Timeline

Coastal Habitat and Water Quality Grants

RFR Release: Spring 2024

Q&A Period: 2 weeks following the RFR release

Applications Due: 5 weeks following RFR release

Awards: ~ August 2024

Contracting: Mid August – September 2024

Project Completion: June 30, 2025 or June 30, 2026

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Massachusetts Office of Coastal Zone Management



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