

Nonpoint Source Management

Nonpoint Source (NPS) Management Section

Watershed Planning Program

Division of Watershed Management

Bureau of Water Resources



Clean Water Act (CWA)
Sections (§§)
604(b) and 319
Grants



Pre-RFP Discussion
July 23, 2026

Watershed Planning Program



The mission of the Watershed Planning Program (WPP) in the Massachusetts Department of Environmental Protection is to protect, enhance, and restore the quality and value of the waters of the Commonwealth. Guided by the federal Clean Water Act, WPP implements this mission statewide through five Sections that each have a different technical focus. Together with other MassDEP programs and state environmental agencies, WPP shares in the duty and responsibility to secure the environmental, recreational, and public health benefits of clean water for all people of the Commonwealth.

Director, Watershed Planning Program

**Surface
Water Quality
Standards
Section**

**Water Quality
Monitoring
Section**

**Data
Management
and
Water Quality
Assessment
Section**

**Total
Maximum
Daily Load
Section**

**Nonpoint
Source
Management
Section**

Watershed Planning Program (continued)



Develop and implement the Massachusetts Surface Water Quality Standards (314 CMR 4.00)



Monitor the physical, chemical, and biological characteristics of surface waters in the Commonwealth of Massachusetts



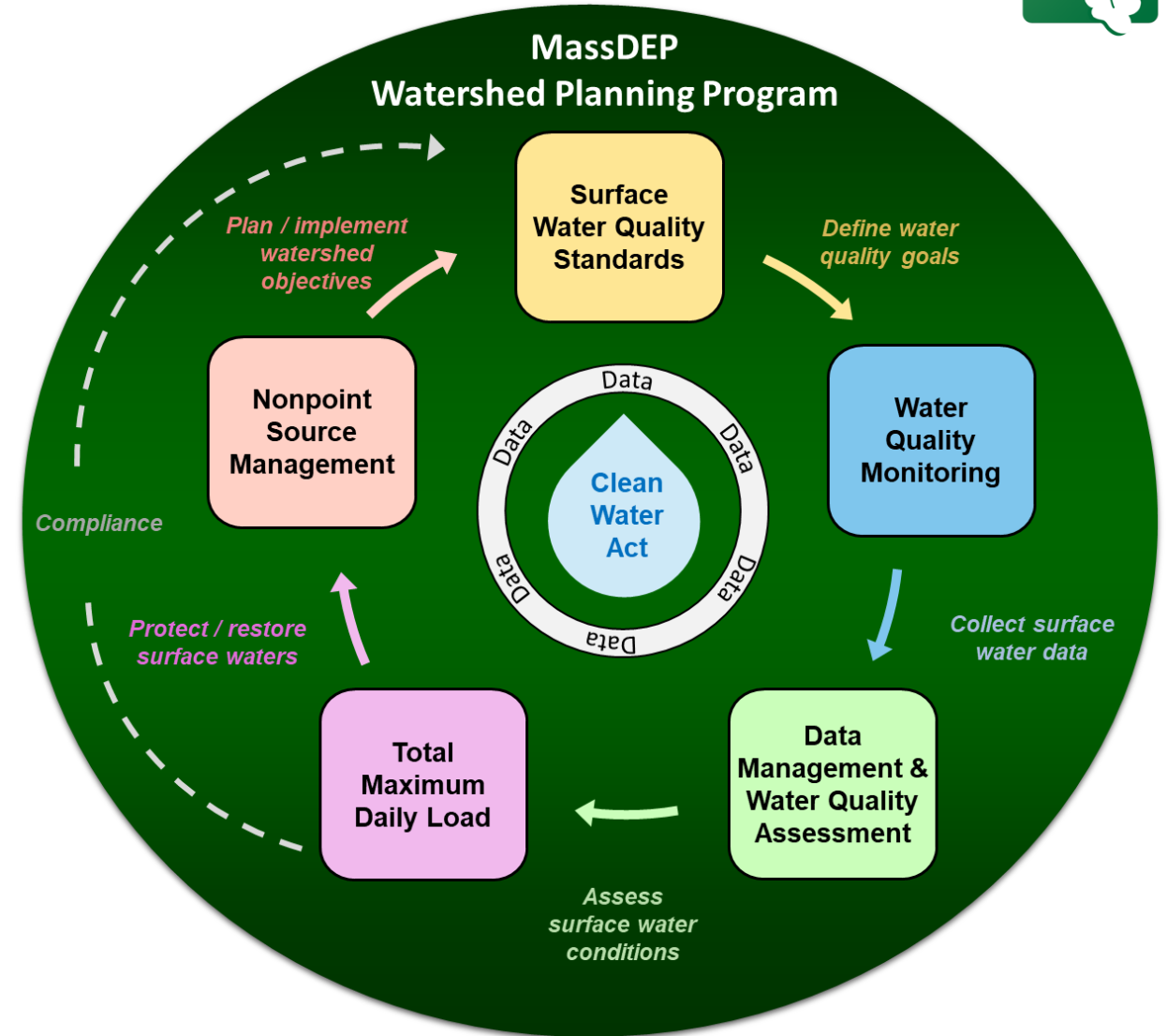
Manage data and report the results of monitoring. Assess surface water quality conditions and attainment of existing and designated uses as defined in the MA Surface Water Quality Standards



Develop TMDLs and other plans to restore impaired surface waters and to protect high quality waters



Protect healthy waters and restore impaired waters through Nonpoint Source Management grants (CWA s.604(b) and s.319)



Who We Are



Dr. Richard Carey
Director
Watershed Planning
Program



Dr. Robert Smith
Water Quality
Monitoring
Grant
Coordinator



Dr. Padmini Das
Chief
Nonpoint Source
(NPS)
Management Section



Meghan Selby
604(b)
Grant Coordinator



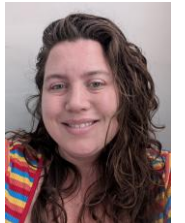
Judy Rondeau
NPS
Outreach
Coordinator



Malcolm Harper
319
Grant Coordinator



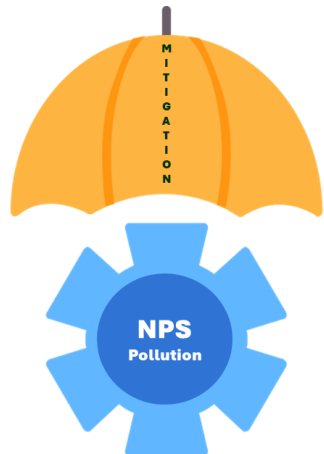
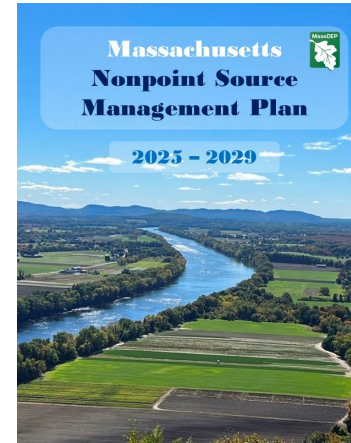
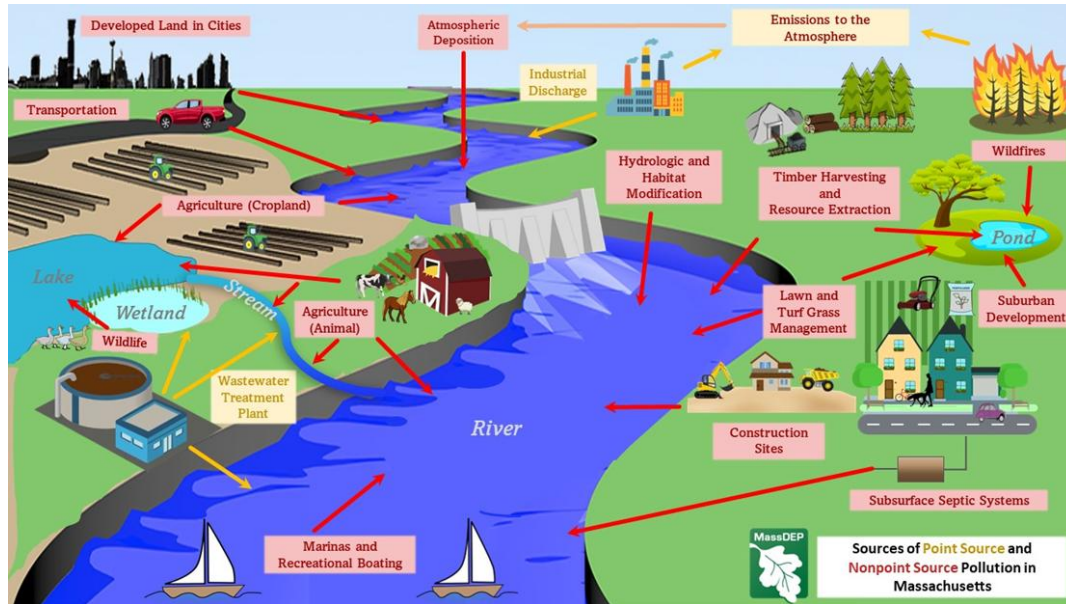
Annika Lackner
2026 Intern



Elise Nicole Scholl
2026 Seasonal Staff

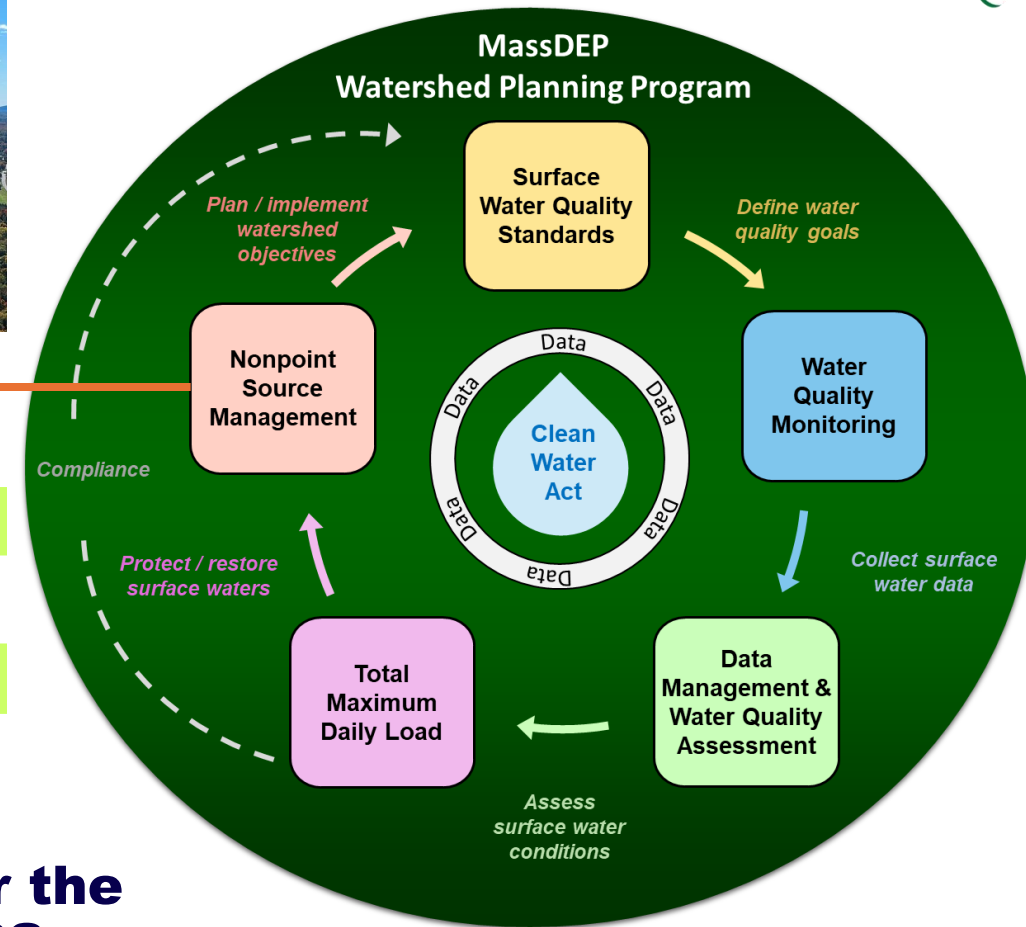


WPP's Functional Role in NPS Management



**Mitigation
of NPS
Pollution**

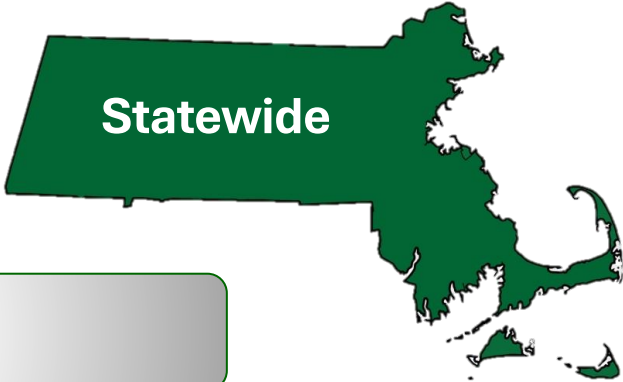
**First RFPs under the
2025-2029 NPS
Management Plan**



What We Do



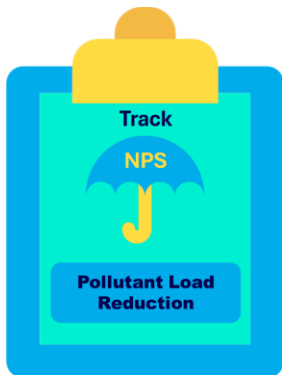
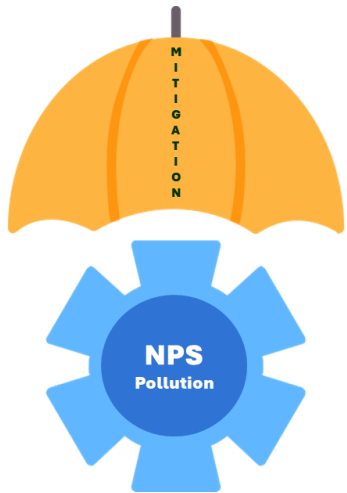
Nonpoint Source Management



NPS Outreach

NPS Management Grants

Long-term Goal



CWA §604(b) Water Quality Management Planning Grant Program

CWA §319 Nonpoint Source Implementation Grant Program



Statewide NPS Projects and
Pollutant Load Reduction

Inspire Communities
for NPS Mitigation

Provide Technical and Financial
Resources for NPS Mitigation

Overview of CWA §604(b) and §319 Grants (2026 RFP)

MassDEP



Nonpoint Source (NPS) Management

§604(b) RFP (FFY 2024 - 2025)

Water Quality Management Planning Grant Program

- Eligible Entities:** Municipalities, Regional Planning Agencies, Tribes, Conservation Districts, Councils of Government, Counties, Interstate Agencies.



Program Fund

Program fund

BASE

IIJA

FFY 2022 to 2026



FFY24



FFY25



FFY24



FFY25

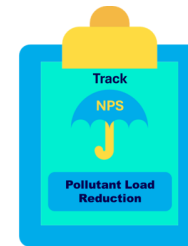
Agricultural NPS Coordination

Eligible Entities: Organizations with Statewide Agricultural Capacity Building Experience

No Match

§319 RFP (FFY 2025-2026)

Nonpoint Source Implementation Grant Program



Implementation Projects (319-I)

- Eligible Entities:** Any Public or Private organization and Interstate Agencies.

Implementation of a MassDEP Approved

9-Element Watershed Based Plan



Restoration of Impaired Waters



Protection of Healthy Waters



Restoration of Nitrogen-Impacted Coastal Waters



Project Fund

2025 - 2026

40% Non-Federal Match



Non-Federal Match for §319 Grant Program



**FFY 2025-
2026 RFP**



As a core capacity-building initiative,

MassDEP's NPS Management Section in the WPP has gathered the 40% non-federal match for the FFY 2025-2026 §319 project funds at the state level and therefore will

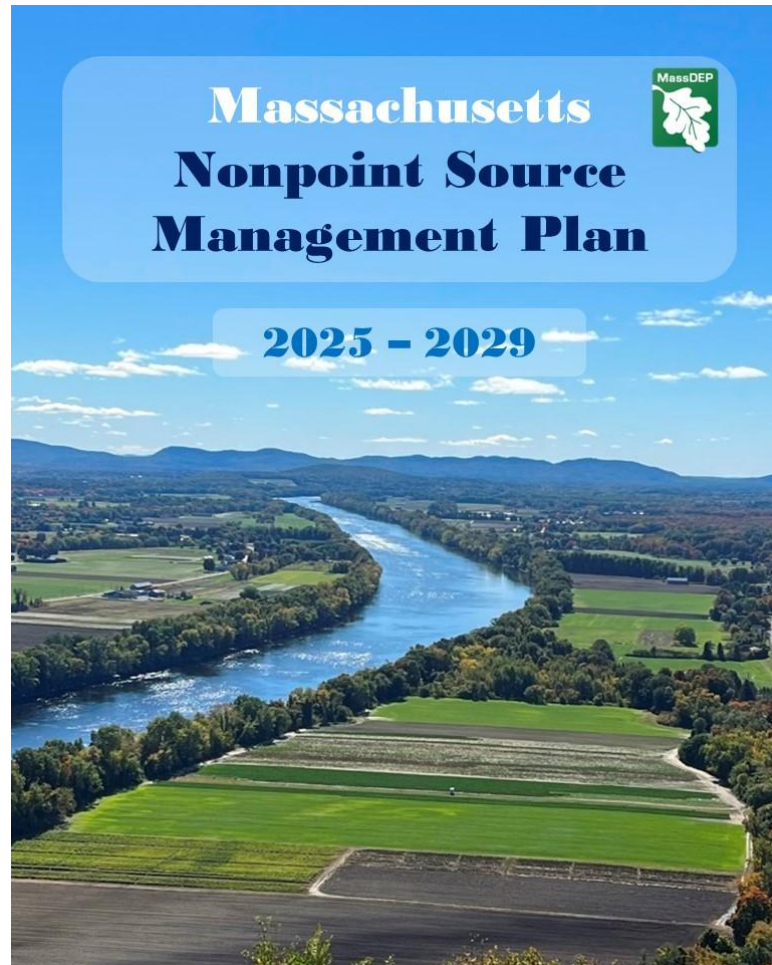
WAIVE the match requirements for ALL awardees in this funding cycle.

- 💧 Please note that any reduction or waiver of match requirement is restricted to this funding cycle.
- 💧 Continuation of this initiative in future funding cycles will be at MassDEP's discretion and will depend on the availability of eligible projects and funds.
- 💧 Proposals under this RFP will not be required to provide match, but voluntary inclusion of match with cash or in-kind services will provide applicants a competitive advantage in the selection process.

I just need
the main ideas



An Overview



Massachusetts NPS Management Plan 2025 - 2029



Theme

Meeting Communities Where They Are

Goals

Restore
impaired
waters.

Protect
healthy
waters.

Build
community
capacity.

Identify impaired
and healthy
waters.

Identify and
leverage
partnerships

Focus

#1

Developed
Land



#2

Septic
Systems



#3

Agriculture

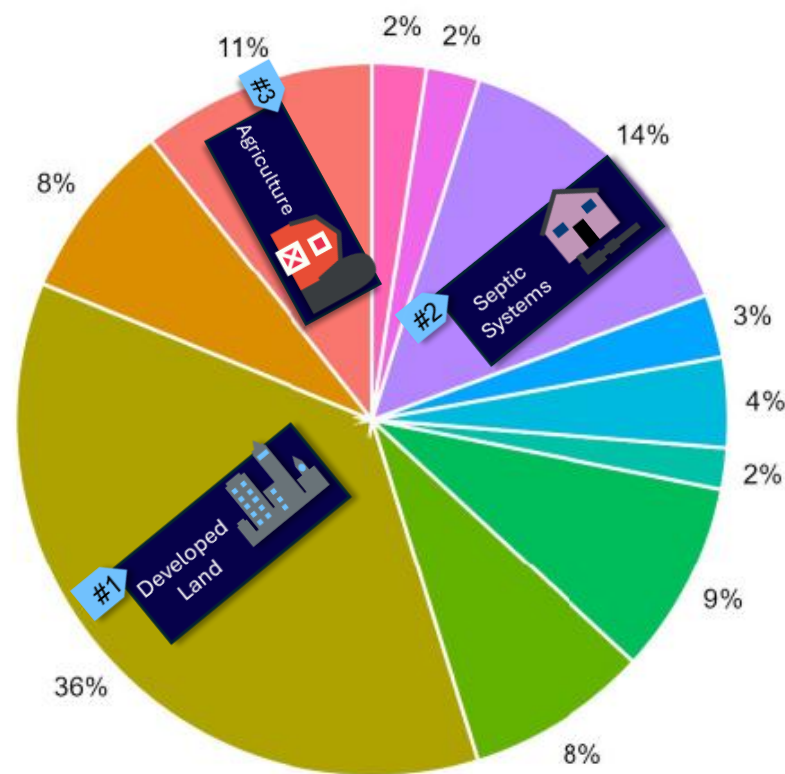


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NPS Categorization and Subcategorization based on 2022 IR Data



Massachusetts NPS Primary Categories

NPS Category



(n = 2042)

n = number of
ATTAINS
assessment
records

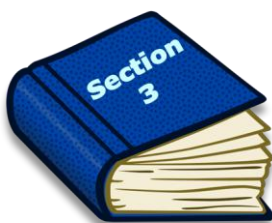
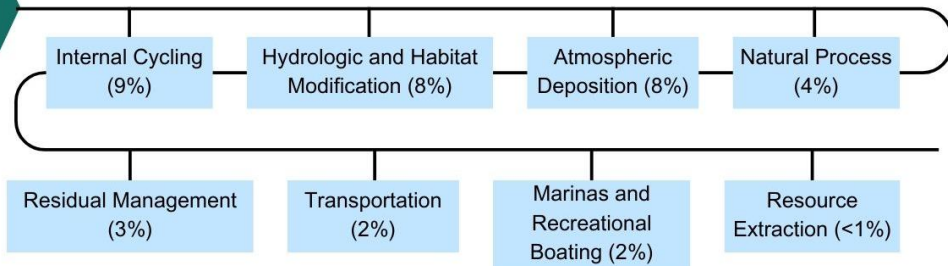
- Specific Objectives with Actions and Measurable Milestones
- Partnership Goals beyond 604(b) and 319 Grant Programs
- Virtual Annual NPS Roundtable to facilitate intra- and inter-agency collaboration.
- In person Annual NPS Symposium dedicated to each focus category for first three years and combined for the last two.

Three Focus Categories

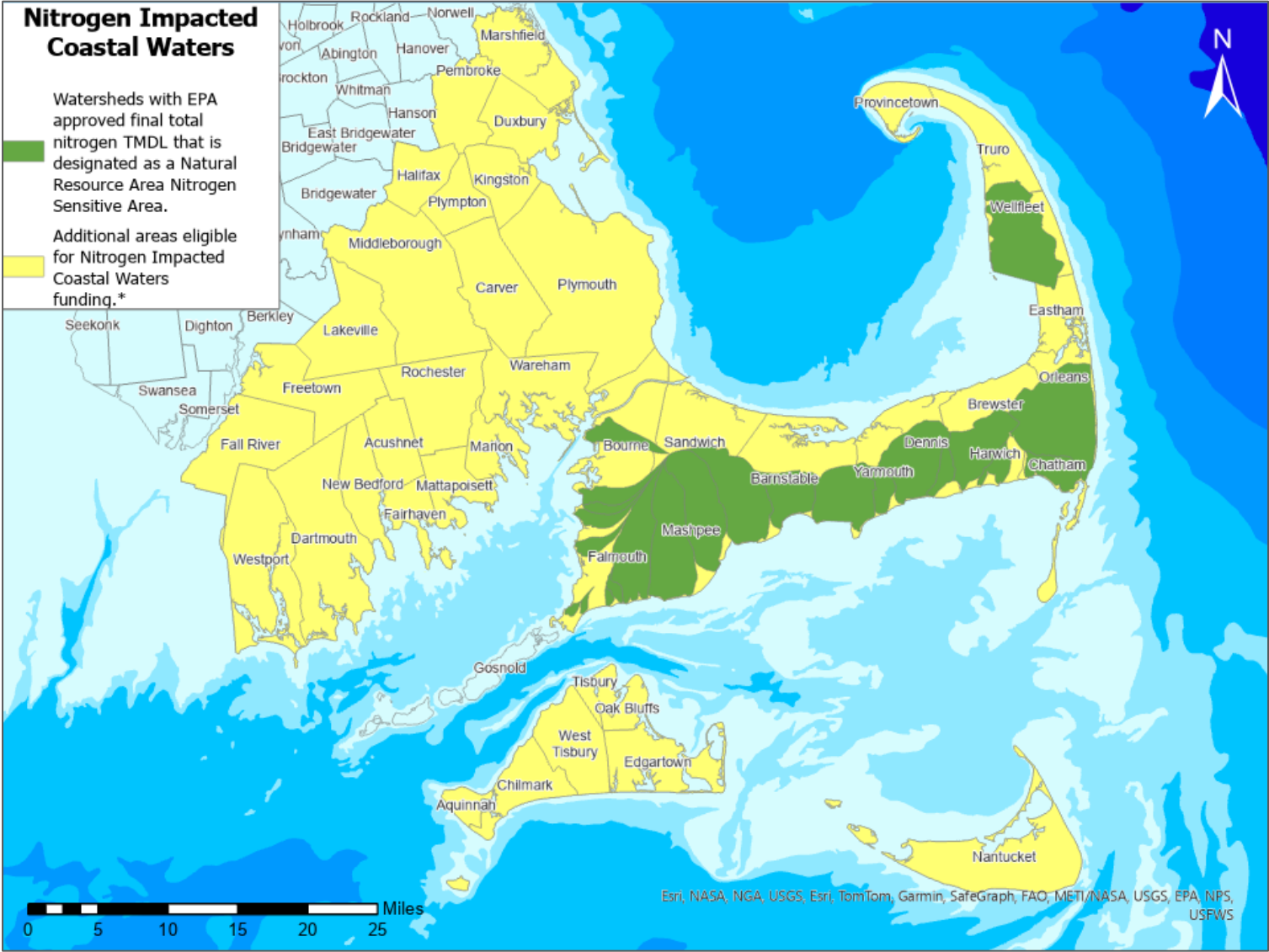
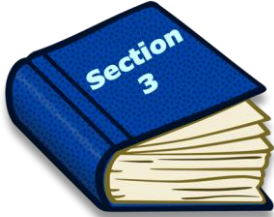


Major Primary Categories

Minor Primary Categories



Nitrogen-Impacted Coastal Waters



Geographical Focus Area

Nitrogen Impacted Coastal Waters

- 💧 **Natural Resources Nitrogen Sensitive Area (NRNSA)**
- 💧 **Additional Area Eligible for NPS Funding**



What are the highlights

\$604(b) RFP (FFY 2023) **Water Quality Management** **Planning Grant Program**

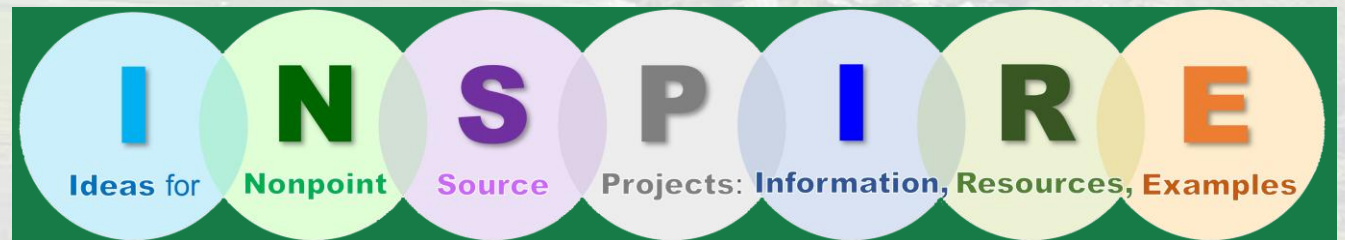
- Base and IIJA Funds
- Development of MassDEP-approved watershed-based plans including
 - Impaired or Healthy Waters
 - Regional or State NPS Coordinators Program
 - Nitrogen-Impacted Coastal Waters
 - National Water Quality Initiative (NWQI) Waters
- Active and Comprehensive Community Engagement

MassDEP's Capacity Building
Tool For Nonpoint Source
Management



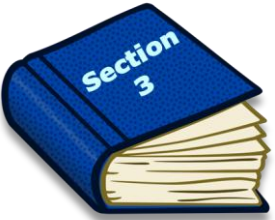
\$319 RFP (FFY 2025-2026) **Nonpoint Source Implementation** **Grant Program**

- Multi-Year RFP
- Match for FFY 2025-2026 Grant Cycle
- **All implementation projects**
- Active and Comprehensive Community Engagement
- Build America Buy America Requirement
- Streamlined RFP
- Eligibility Form



NPS Pollutants

NPS Pollutants in Massachusetts



**Traditional NPS
Pollutants**

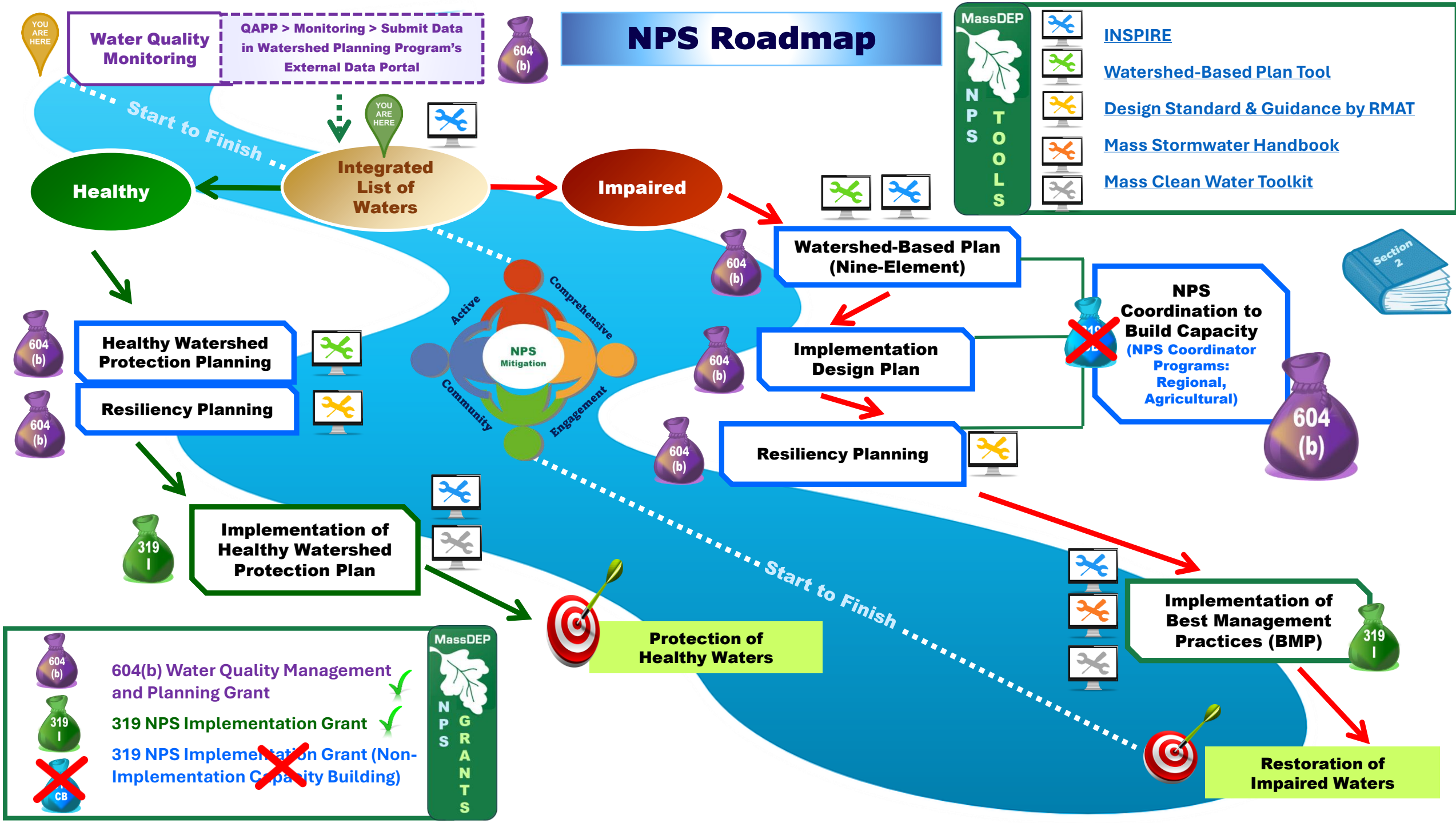
**Newly Added
or
Reorganized
NPS Pollutants**

**Massachusetts
NPS Primary
Categories**

Legend

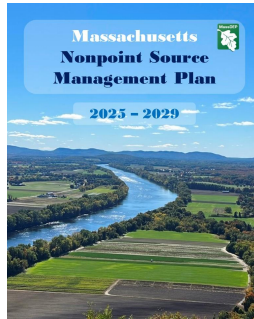
-  New to the FY25-FY29 Plan
-  Pollutant
-  Pollutant Sub-category
-  NPS Categories
-  Linked Pollutants





Watershed-Based Plan

Nine Elements



Alternative

Tribal Implementation Plan (EPA-Approved)

Nine Element Watershed-Based Plan



1 What

What is the problem?
Where is the pollution coming from?

2 How Much

How much pollution is in the watershed? How much pollution must you reduce to meet SWQS?

4 Assistance

What technical and financial assistance is needed? Who needs to be involved?

3 How

How will you reduce pollution? Where will you implement your BMP? What BMP will you use?

5 Who

How will you engage the community?

6 When

What's the timeline?

7 Milestones

What are the measurable milestones?

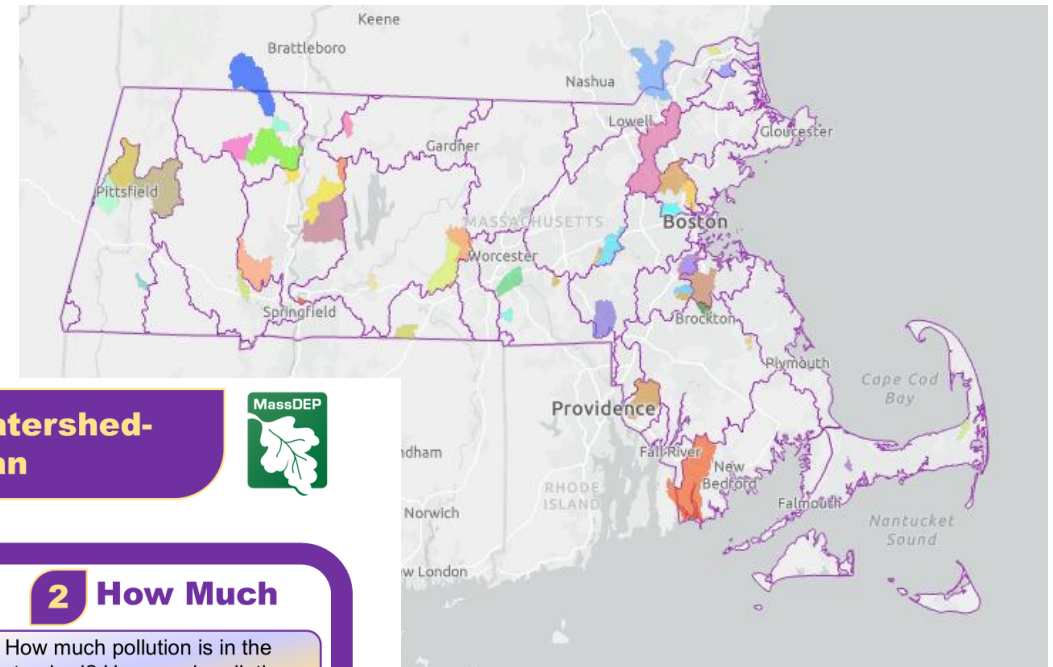
9 Evaluate

How will you monitor the progress of your plan execution?

8 Indicators

What are the water quality interim targets?

SWQS:
Massachusetts
Surface Water
Quality
Standards





Restoration of Nitrogen Impacted Coastal Waters

**s.208 Plan
and/or other
watershed
plan at the
regional
scale**

- Approved
- Ongoing?

**What can be funded by
the 604(b) Grant Program?**

- Ambient water quality sampling,
- Monitoring data analysis,
- Modeling of nitrogen reduction scenarios,
- Development of Comprehensive Watershed Management Plans (CWMP),
- Development of Targeted Watershed Management Plans (TWMP),
- Updating CWMPs or TWMPs to nine-element WBP,
- Development of climate resilient implementation plans

**What can be
funded by the
319 Grant
Program?**

- Eligible project components **must result in nitrogen load reductions** and can include:
 - i. Installation of enhanced innovative/alternative (I/A) nitrogen reducing septic systems
 - ii. Installation of permeable Reactive Barriers (PRBs)
 - iii. Restoration of wetland areas

Restoration

Active & Comprehensive Community Engagement



Youth Engagement

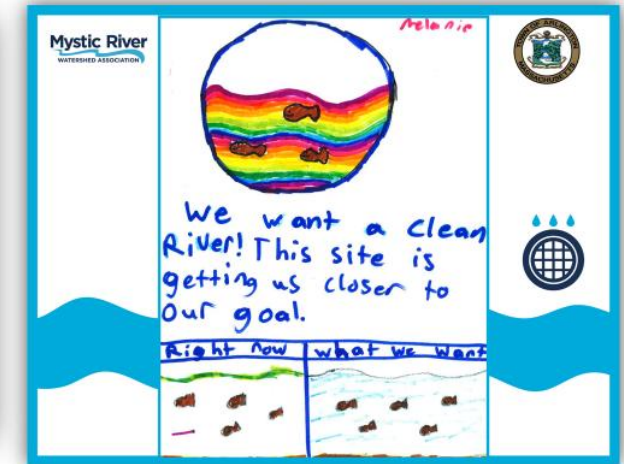


Citizen Science

**NPS
Mitigation
for All**



**Facilitating
Participation
of All**



Youth Engagement by Mystic River Watershed Association

More Active & Comprehensive Community Engagement



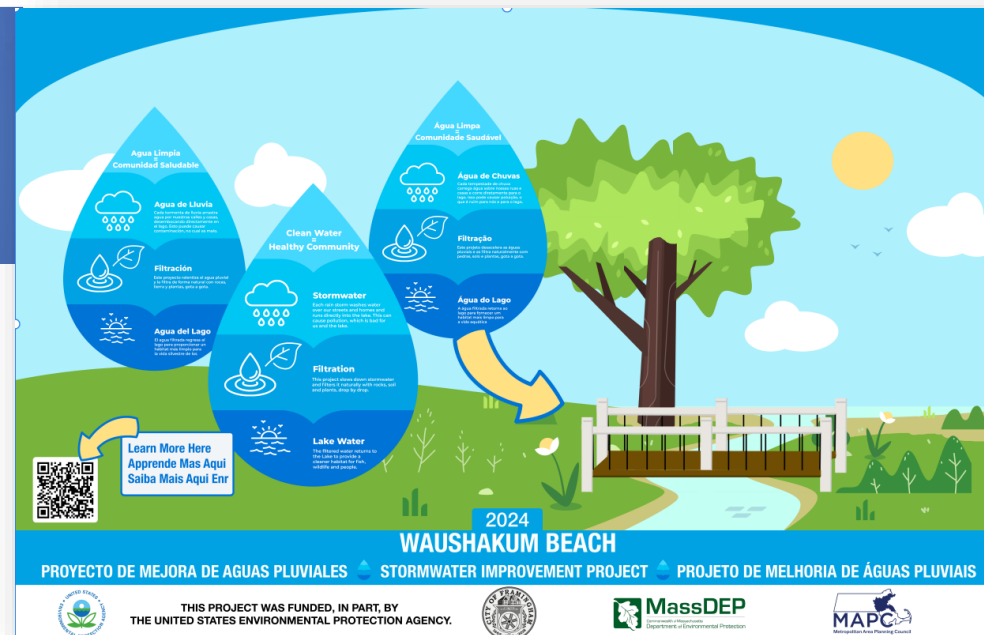
Signages for All



Signages Relevant to Your Community



**NPS
Mitigation
for All**



City of Framingham.

Lake Waushakum's Nature-based Stormwater Improvement.



Town of Braintree.

Stormwater Infiltration System before reaching the Monaquot River.

Thank

You !

