

Nonpoint Source Management Grants



Watershed Planning Program (WPP)

Division of Watershed Management (DWM)

Bureau of Water Resources (BWR)

**Clean Water Act
(CWA) Sections (§)**

604(b)

319

Grants

Dr. Padmini Das & Judy Rondeau

Watershed Planning Program



We are stewards of the water resources of Massachusetts. Together with other state environmental agencies, we share in the duty and responsibility to protect, enhance, and restore the quality and value of the waters of the Commonwealth. We are guided by the federal Clean Water Act and work to secure the environmental, recreational, and public health benefits of clean water for the residents of Massachusetts.

Director, Watershed Planning Program

**Surface
Water Quality
Standards
Section**

**Water Quality
Monitoring
Section**

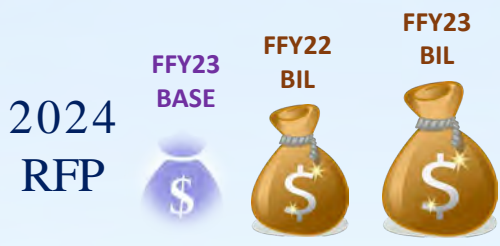
**Data
Management
and
Water Quality
Assessment
Section**

**Total
Maximum
Daily Load
Section**

**Nonpoint
Source
Management
Section**



604(b) and 319 Grant Overview

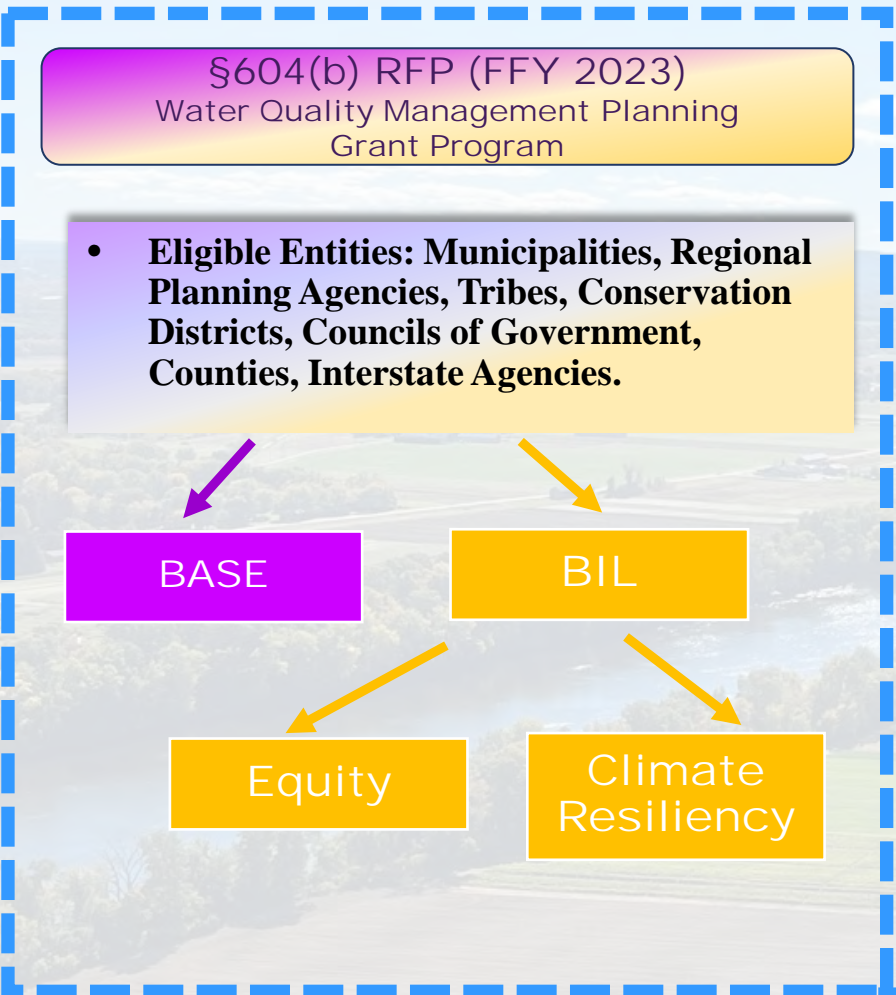


Nonpoint Source (NPS) Management

2024 RFP

Project Fund

\$319 RFP (FFY 2023-2024)
Nonpoint Source Implementation Grant Program



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

Implementation Projects (319-I)

Non-Implementation Projects (319-NI)

Implementation of a
MassDEP Accepted
9-Element Watershed Based Plan



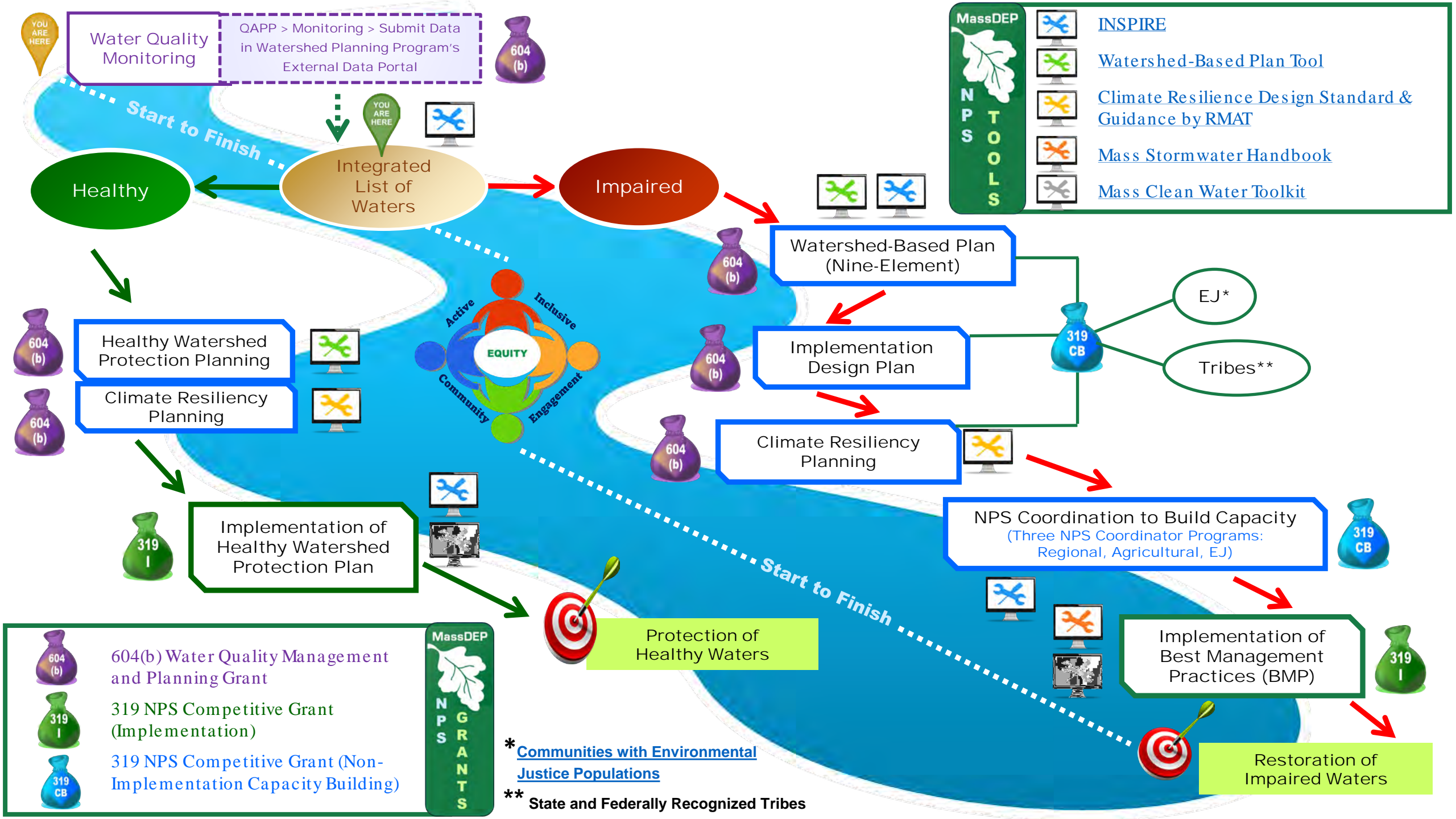


The Theme:



Meeting Communities Where They Are

- The NPS Roadmap shows that the Massachusetts Communities of **any capacity** can start the abatement of NPS pollution from their waterbodies.
- MassDEP has available grants and tools to support **all activities** from **start to finish**.





Restoration of Nitrogen Impacted Areas



Restore waterbodies in nitrogen impacted areas

a. Support the implementation of the Cape Cod s.208 Plan

b. Support the development of a Martha's Vineyard s.208 Equivalency Plan and/or other watershed plan at the regional scale and its potential implementation

c. Support the development of a s.208 Plan and/or other watershed plan at the regional scale for Nantucket and its potential implementation

d. Support the development of a s.208 Plan and/or other watershed plan at the regional scale for Plymouth County and its potential implementation

e. Support the development of a s.208 Plan and/or other watershed plan at the regional scale for Bristol County and its potential implementation

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

- Approved
- Ongoing?

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

What can be funded by the 319 Grant Program?

Restoration



Restoration of Nitrogen Impacted Areas

Eligible Projects

604(b) RFP (FFY 2023)

Eligible project components include:

- **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**

319 RFP (FFY 2023-2024)

Eligible project components include:

- **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**

Additional Flexibilities for Massachusetts' EJ Communities

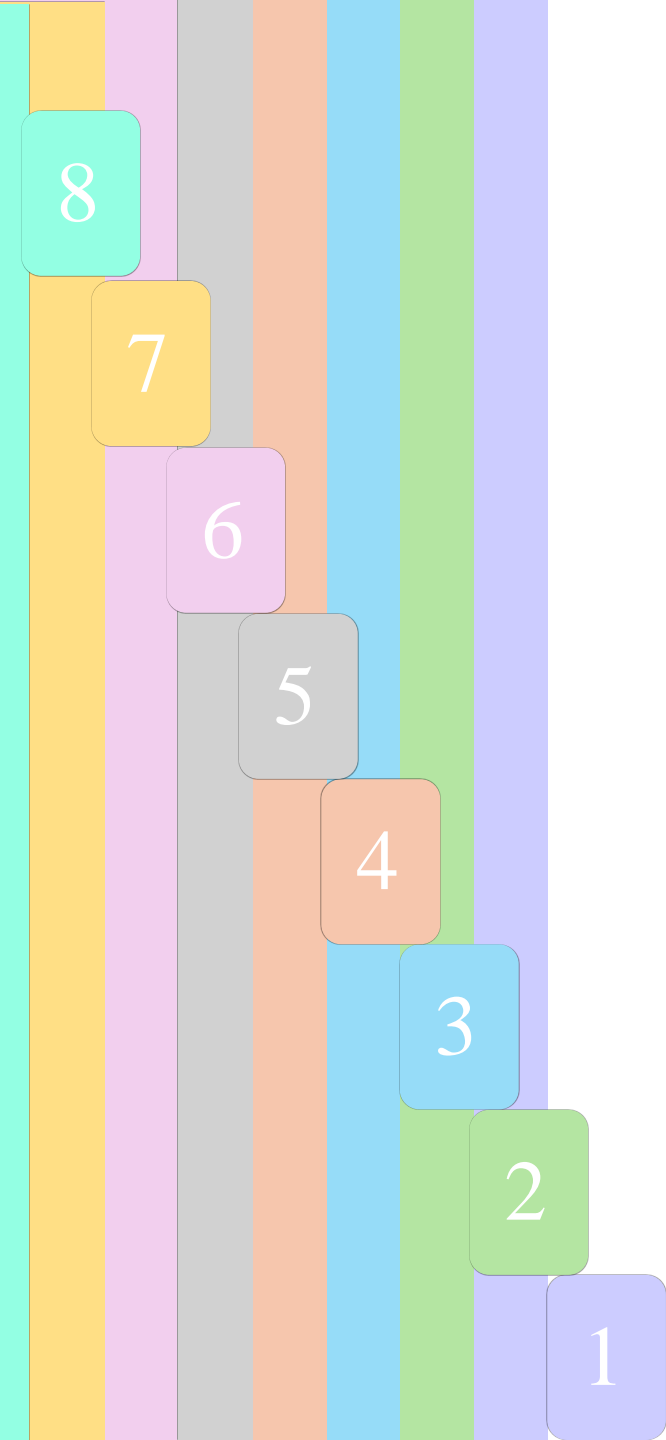
- **Additional eligible project components for **MA EJ communities** can include:**
 - iv. Development of Comprehensive Watershed Management Plans (CWMP) for MA EJ communities**
 - v. Development of Targeted Watershed Management Plans (TWMP) for MA EJ communities**
 - vi. Updating CWMPs or TWMPs to nine-element WBP,**
 - vii. Development of climate-resilient implementation plans**

Ineligibility

Connections to a centralized wastewater collection system or extension of a centralized wastewater collection system.

Grants Summary

Division of
Watershed
Management



8

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Eligible Entities

Regional planning agencies, councils of government, counties, conservation districts, interstate agencies, tribes, and cities and towns.

PROJECT TYPES



- Water quality monitoring & assessment
- Development of 9-element or Alternative Watershed-Based Plans
- Climate resiliency water quality planning
- Implementation planning & design
- 604(b) Environmental Justice NPS Coordinator Program
- Regional-scale watershed planning for nitrogen impacted areas
- Updating CWMP/TWMP to 9-element or Alternative Watershed-Based Plans



Website

1

CWA Section 604(b) Water Quality Management Planning Grant

Grant Coordinator:
Meghan Selby
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NPS Management Section
Watershed Planning Program
Division of Watershed Management

Eligible Entities

Any Massachusetts public or private organization and interstate agencies.

PROJECT TYPES

Non-Implementation (Capacity Building) Projects

1. Environmental Justice NPS Coordinator
2. Regional NPS Implementation Project Development
3. Agriculture Regional NPS Implementation Project Development
4. NPS Capacity Building & Technology Transfer
5. Municipal/Regional Stormwater Collaborative & Funding Mechanisms

Implementation Projects

1. Restore impaired waters
2. Protect healthy waters
3. Restore nitrogen impacted areas



Website

CWA Section 319 Nonpoint Source Implementation Grant

Grant Coordinator:
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Outreach Coordinator:
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NPS Management Section
Watershed Planning Program
Division of Watershed Management

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Eligible Entities

Federally recognized Tribal Nations within the Commonwealth of Massachusetts and non-profit organizations with the ability to conduct monitoring activities using technically sound, approvable methodologies.

PROJECT TYPES

- **Direct monitoring of rivers, streams, lakes, ponds, and estuaries (surface waters) through field and laboratory work;**
- **Build capacity for direct monitoring (including, but not limited to, training and outreach) that improves the organization's ability to monitor surface waters through field and laboratory work; and**
- **Develop regional and long-term monitoring programs and networks.**

 [Website](#)

Water Quality Monitoring Grant

Grant Coordinator:
Dr. Robert Smith
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Data Management & Assessment Section
Watershed Planning Program
Division of Watershed Management

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Eligible Entities

Proposals must come from groups of municipalities (two or more), regional planning agencies, or stormwater coalitions and aid in MS4 compliance.

PROJECT TYPES

- **Projects that meet MS4 permit requirements**
 - **Planning**
 - **Resource sharing**
 - **Education/outreach**
 - **Implementation**
- **All project stages are eligible for funding**
- **Projects must benefit multiple municipalities (Preference is given to projects that directly assist the greatest number of municipalities).**



[Website](#)

MS4 Municipal Assistance Program

Grant Coordinator:
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NPDES Section
Division of Watershed
Management

Eligible Entities

Municipalities on Cape Cod within a NRNSA watershed

Eligible Activities

Planning activities that contribute to, or come from a:

- **Watershed Management Plan (WMP)**
- **Comprehensive Wastewater Management Plan (CWMP)**
- **Comprehensive Water Resource Management Plan (CWRMP)**
- **Targeted Watershed Plan (TWMP)**
- **Watershed Permit application or De Minimis Load Application**

Common Projects

1. **Permit applications & nitrogen load assessments and reduction modeling**
2. **Data analysis of ambient water quality monitoring results.**
3. **Permeable reactive barrier design**
4. **Review of ambient water quality monitoring, modeling, and/or other measures for the purpose of demonstrating de minimis load within a watershed**



NRNSA Grants

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NPDES Section
Division of Watershed
Management

PROJECT
TYPES

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Eligible Entities

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Public Water Suppliers with a WMA permit, permit application, or registration.

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PROJECT TYPES

- **Planning – Drought & Resiliency Plans, Firm Yield Studies (some restrictions), Rate Studies, PFAS**
- **Implementation – Demand management/minimization/mitigation**

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Water Management Act

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NPDES Section
Division of Watershed
Management

 [Website](#)

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Eligible Entities

Public Water Suppliers with a valid WMA permit or registration.

PROJECT TYPES

- "Top down" and limited "bottom up" leak and loss detection audits for public water supply systems.



[Website](#)

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M36

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NPDES Section
Division of Watershed
Management

Eligible Entities

Public Water Suppliers in the Ipswich River Basin with a WMA permit, a permit application filed, or WMA registration.

PROJECT TYPES

- **Planning and implementation projects that identify or construct water supply solutions for the Ipswich River Basin:**
 - a) **Reduce demand on the Ipswich River Basin, particularly on sources impacted by PFAS,**
 - and/or**
 - a) **Provide a connection to more sustainable water supply source(s).**



[Website](#)



Ipswich River Basin

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NPDES Section
Division of Watershed
Management

Thank

You!