

Town of Mashpee

208 COMPLIANCE REPORT | 2020

CUMULATIVE TOWN SNAPSHOT SINCE 208 PLAN APPROVAL



TEAM

Team members engaged in water quality planning efforts.

Town Team:

- Sewer Commissioners
- Natural Resources Director
- Town Planner
- GHD, Inc.

Collaborations:

- Joint Base Cape Cod
- Town of Barnstable
- Town of Bourne
- Town of Falmouth
- Town of Sandwich

MS4 COMPLIANCE

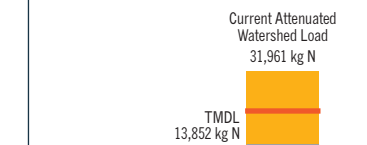
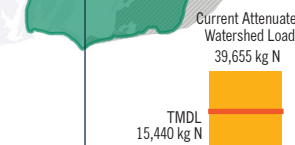
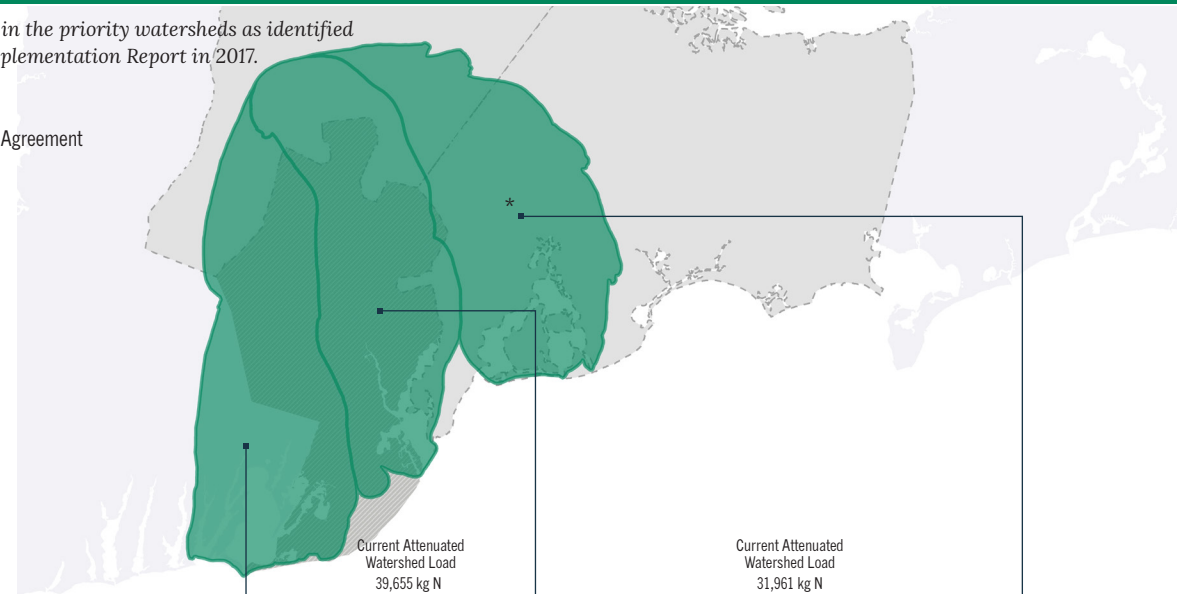
12 Cape Cod towns are required to address stormwater discharge under the MS4 Permit. Towns with nitrogen impaired waters must meet additional permit requirements.

- Subject to MS4 Permit
- Additional nitrogen related requirements
- In partial compliance with MS4 Permit requirements

PRIORITY WATERSHED PROGRESS

Plans and permits in the priority watersheds as identified by the 208 Plan Implementation Report in 2017.

- Town of Mashpee
- Town(s) with Joint Agreement or Plan in Place
- Priority Watershed
- Watershed



Waquoit Bay

- Plan In Place
Mashpee CWMP (2014)
- Agreement In Place
- Consistency Determination
208 Consistency Determination - Phase 1 (2017)
- Permits Issued

Popponesset Bay

- Plan In Place
Mashpee CWMP (2014)
- Agreement In Place
Popponesset Bay IMA (2017)
- Consistency Determination
208 Consistency Determination - Phase 1 (2017)
- Permits Issued

*Three Bays watershed, <1% nitrogen allocation for Mashpee

- SYMBOL LEGEND
- Complete or Approved
 - Partial
 - Not Shared or Not Approved
 - Not Available

OTHER LEGEND

Progress shown is for the period from June 2019 through November 2020

The Cumulative Town Snapshot section summarizes the snapshot categories since 2015

*Flow collected from Mashpee Commons

IMPLEMENTATION

Actions taken relative to plan and project implementation and regulatory and town meeting actions.

PROJECT STATUS

- Reduction Project
- Remediation Project
- Restoration Project
- Pilot Project

Project Stage

Wastewater Treatment Improvements	FEASIBILITY
Popponeset Bay Aquaculture	IMPLEMENTATION
Mashpee River Aquaculture	IMPLEMENTATION
Quashnet/Moonakis River Aquaculture Feasibility Study (determined not feasible)	FEASIBILITY

LOCAL REGULATORY ACTIONS

Fertilizer By-Law in Place

Zoning Changes

- None in reporting period

Adoption of Regulations

- None in reporting period

TOWN IMPLEMENTATION ACTIONS

Implementation Actions reflect unfunded municipal actions such as, inter-municipal agreements, procedural approvals, and committee actions.

- 2020 Continue participation in the Community Septic Management Program and the Massachusetts Water Pollution Abatement Trust (MWPAT) (Approved)
- 2020 Update site plan review for compliance with MS4 General Permit (Approved)
- 2020 Update to stormwater management bylaw (Approved)

FUNDING

Actions taken during the reporting period to secure funding for water quality improvement plans and projects.

Cape Cod and Islands Water Protection Fund Member Community

Town Funding Actions

- 2020 Waterways Extension Project (\$144,000 Approved)
- 2020 Wetland Restoration of Abandoned Cranberry Bog Project in the Santuit Pond Preserve (\$23,500 Approved)
- 2020 Allocate funds for purchase Chopchaque Bog (\$675,000 Approved)
- 2020 Article 7: \$2,480,000 by borrowing for the planning and design of wastewater collection, treatment and disposal initiatives in the Town of Mashpee (\$2,480,000 Approved)
- 2020 Establish 2% Surcharge for Municipal Water Infrastructure Investment Fund (Surcharge on Real Property Taxes-2% Approved)
- 2020 Route 151 corridor wastewater and stormwater collection system design (\$490,200 Approved)

Grant Funding

- 2019 District Local Technical Assistance: Regional Stormwater Management (\$26,905 Awarded - Partner)
- 2020 District Local Technical Assistance: Regional High Resolution Orthoimagery (\$85,555 Awarded - Partner)

SYMBOL LEGEND

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OTHER LEGEND

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- Text color indicates that data made available is 5 years or older