

Town of Orleans

208 COMPLIANCE REPORT | 2019

CUMULATIVE TOWN SNAPSHOT SINCE 208 PLAN APPROVAL

\$62.6M	\$310K	2	-	-
TOWN MEETING APPROVED FUNDING	GRANT FUNDING RECEIVED	NON-TRADITIONAL PROJECTS UNDERWAY	TOTAL FLOW COLLECTED BY CENTRALIZED SYSTEMS	ALL PROPERTIES SERVED BY CENTRALIZED SYSTEMS

TEAM

Team members engaged in water quality planning efforts.

Town Team:

- Water Quality Advisory Panel
- Board of Water and Sewer Commissioners
- Town Planner
- AECOM

Collaborations:

- Pleasant Bay Alliance
- Town of Brewster
- Town of Chatham
- Town of Harwich
- MassDEP
- Cape Cod Commission

MS4 COMPLIANCE

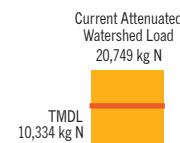
12 Cape Cod towns are required to address stormwater discharge under the MS4 Permit. Towns with nitrogen impaired waters must meet additional permit requirements.

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

PRIORITY WATERSHED PROGRESS

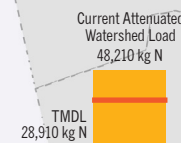
Plans and permits in the priority watersheds as identified by the 208 Plan Implementation Report in 2017.

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



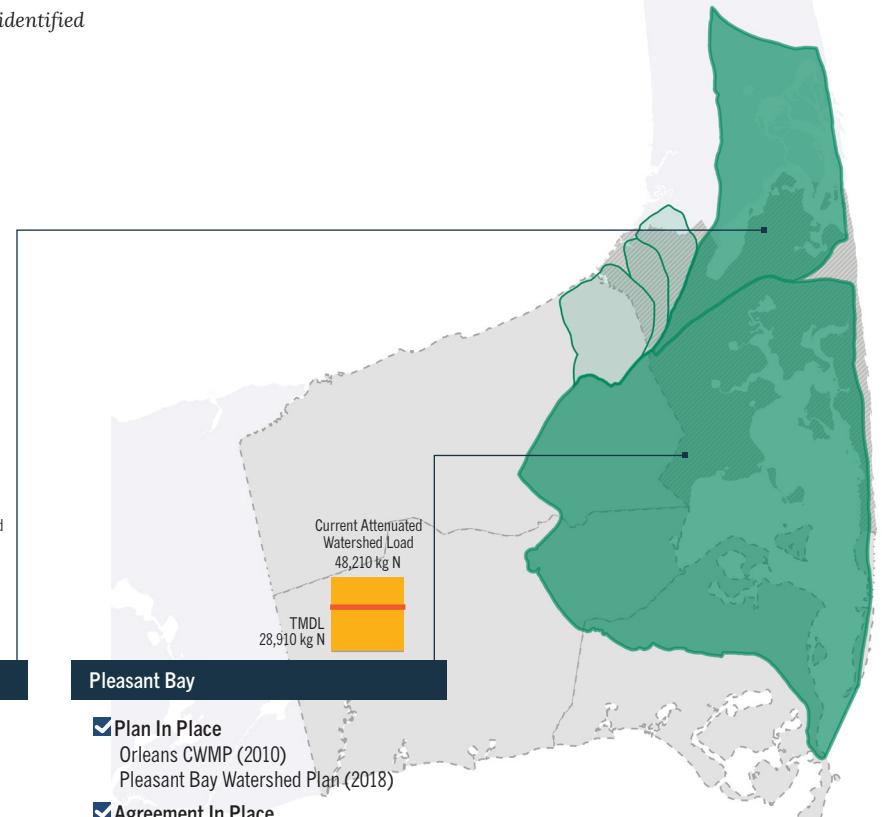
Nauset Marsh

- Plan In Place
 - Orleans CWMP (2010)
- Agreement In Place
- Consistency Determination
 - DRI Approval (2011)
- Permits Issued



Pleasant Bay

- Plan In Place
 - Orleans CWMP (2010)
 - Pleasant Bay Watershed Plan (2018)
- Agreement In Place
 - Pleasant Bay IMA
- Consistency Determination
 - DRI Approval (2011)
 - 208 Consistency Determination (2018)
- Permits Issued
 - Watershed Permit (2018)



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

OTHER LEGEND | Progress shown is for the period from Oct. 2017 through June 1, 2019 | The Cumulative Town Snapshot section summarizes the snapshot categories since 2015

IMPLEMENTATION

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

PROJECT STATUS

█ Reduction Project █ Remediation Project █ Restoration Project [] Start Date P Pilot project

Project Stage

Downtown Sewer	IMPLEMENTATION
Eldredge Park Permeable Reactive Barrier Pilot P	IMPLEMENTATION
Lonnies Pond Aquaculture Pilot P	IMPLEMENTATION

LOCAL REGULATORY ACTIONS

Fertilizer By-Law in Place

Zoning Changes

None in reporting period

Adoption of Regulations

None in reporting period

TOWN MEETING IMPLEMENTATION ACTIONS

- 2017 Negotiate for cloverleaf discharge area (Approved)
- 2017 Amend Orleans Marine and Fresh Water Quality Task Force charge (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 Meeting Funding Actions

- 2017 Independent Review of Sewer Designs (\$75,000 Approved)
- 2017 Aquaculture Pilot (\$94,000 Approved)
- 2017 Planning, Engineering and Adaptive Management Activities (\$2,900,000 Approved)
- 2017 Downtown Sewer (\$3,680,000 Approved)
- 2018 Planning, Engineering and Adaptive Management Activities (\$4,223,600 Approved)
- 2019 Water Quality Drainage Improvements (\$182,745 Approved)
- 2019 CWRMP Implementation Planning, Engineering and Adaptive Management Activities - Downtown Sewer (\$47,382,000 Approved)

Grant Funding

- 2017 District Local Technical Assistance: Cape Cod Stormwater Coalition (\$24,965 Awarded - Partner)
- 2017 District Local Technical Assistance: Pleasant Bay Nutrient Trading Program (\$45,000 Not Awarded - Partner)
- 2018 District Local Technical Assistance: MS4 Stormwater Permit Compliance (\$35,000 Awarded - Partner)
- 2018 SNEP Watershed Grant: Regional Watershed Permit Implementation for Nitrogen Management in Pleasant Bay, Cape Cod (\$250,000 Awarded - Partner)

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OTHER LEGEND

- Progress shown is for the period from Oct. 2017 through Sept. 1, 2019
- Text color indicates that data made available is 5 years or older