

Town of Orleans

208 COMPLIANCE REPORT | 2021

CUMULATIVE TOWN SNAPSHOT SINCE 208 PLAN APPROVAL

\$79.3M

TOWN
APPROVED
FUNDING

\$15.3M

GRANT
FUNDING
RECEIVED

2

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
- SNEP Network

MS4 COMPLIANCE

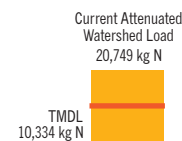
12 Cape Cod towns are required to address stormwater discharge under the MS4 Permit. Towns with nitrogen impaired waters must meet additional permit requirements.

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

PRIORITY WATERSHED PROGRESS

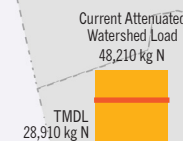
Plans and permits in the priority watersheds as identified by the 208 Plan Implementation Report in 2017.

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



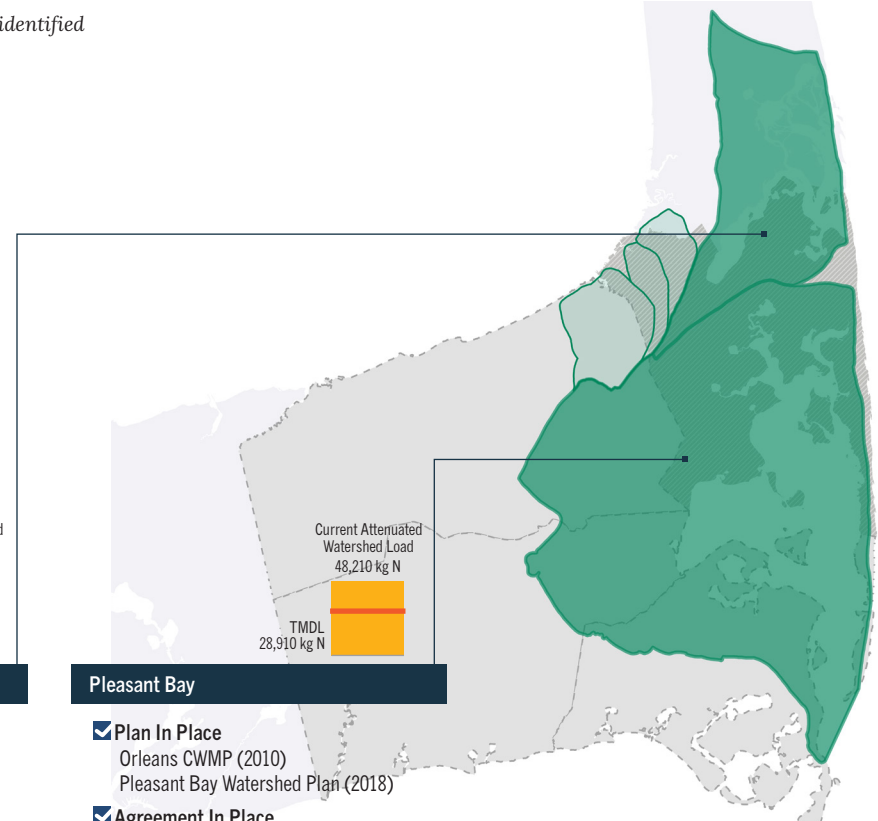
Nauset Marsh

- 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 November 2020 through November 2021

The Cumulative Town Snapshot section summarizes the funding 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
 P Pilot project

Project Stage

Downtown Sewer	IMPLEMENTATION
Meetinghouse Pond Sewer	DESIGN
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 IMPLEMENTATION ACTIONS

2021 Adopt Sewer Assessment General Bylaw (Pending approval by the Massachusetts Attorney General's Office)

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 Orleans QUESTIONS 4 & 5. Fund feasibility of dredging a navigational channel from Mill Pond to Nauset Estuary (\$910,000 Approved)
- 2021 Continued funding for Fresh & Saltwater Ponds Adaptive Management Plans (\$156,400 Approved)
- 2021 Fund Final Design of the Meetinghouse Pond Area Collection System and Pumping Station Project (\$658,300 Approved, ratified by voters May 25, 2021)
- 2021 Fund Water Quality Drainage Improvements (\$191,996 Approved)
- 2021 Creation of new position of Sewer Coordinator and the Sewer Operations Contractor (\$200,000 Approved)
- 2021 Fund Wastewater Master Plan for Freshwater Ponds and Tonset Road and Rock Harbor Watershed Areas (\$250,000 Approved)


Grant Funding


- 2021 District Local Technical Assistance : Pond and Lake Atlas Update (\$40,000 Awarded - Applicant)
- 2021 Cape Cod and Islands Water Protection Fund: Downtown Area Collection System and WWTF (2019 IUP) (\$14,852,300 Awarded - Applicant)

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