

# Town of Orleans

## 208 COMPLIANCE REPORT | 2020

### CUMULATIVE TOWN SNAPSHOT SINCE 208 PLAN APPROVAL

\$76.9M	\$422K	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
- SNEP Network

### MS4 COMPLIANCE

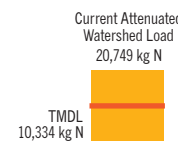
12 Cape Cod towns are required to address stormwater discharge under the MS4 Permit. Towns with nitrogen impaired waters must meet additional permit requirements.

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

### PRIORITY WATERSHED PROGRESS

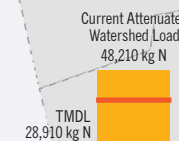
Plans and permits in the priority watersheds as identified by the 208 Plan Implementation Report in 2017.

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



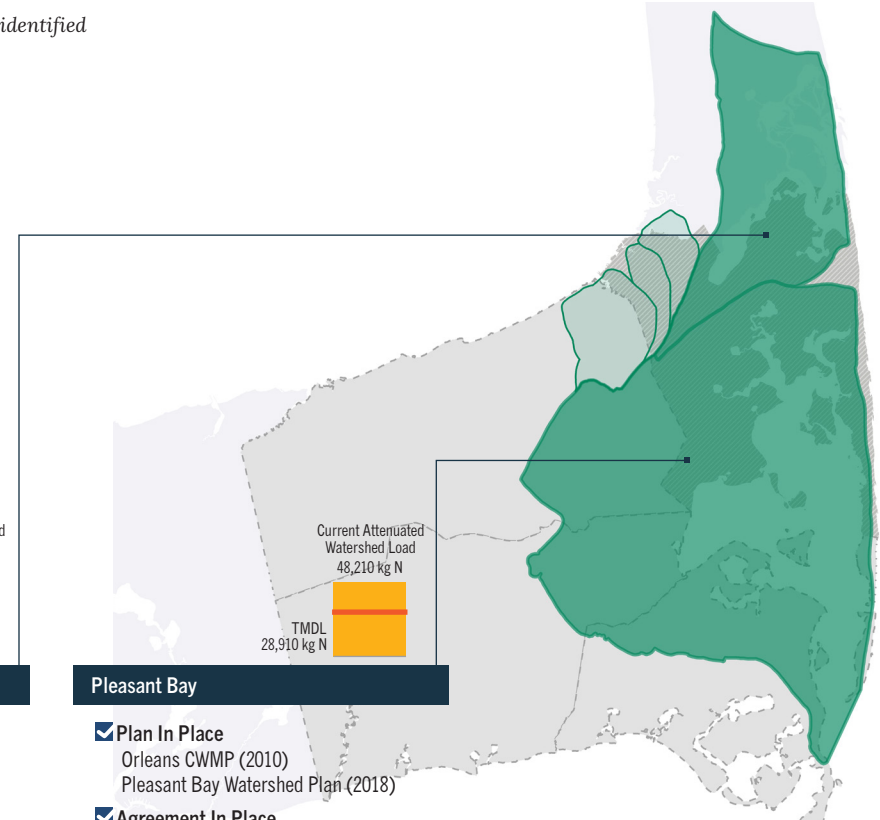
#### Nauset Marsh

- 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 June 2019 through November 2020

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
 ■ P Pilot project

### Project Stage

Downtown Sewer	IMPLEMENTATION
Eldredge Park Permeable Reactive Barrier Pilot <span style="color: orange;">P</span>	IMPLEMENTATION
Lonnies Pond Aquaculture Pilot <span style="color: orange;">P</span>	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

- 2019 Installed one mile of sewer in the downtown area in preparation for Phase I of the public sewer installation (to begin June 2020)
- 2020 Authorize special act for sewer betterment allocation method and rescind Ch. 381 of the Acts of 2008 (Approved)
- 2020 Permit and dredge freshwater lakes and ponds (Approved)
- 2020 MOA for SNEP Network Technical Assistance (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 Fund Comprehensive Water Resources Management Plan Implementation (\$1,700,500 Approved)
- 2020 Fund Brewster Cross Road and Locust Road Water Quality Projects (\$45,000 Approved)
- 2020 Fund Replacement of Water Services In Sewer Area (\$125,000 Approved)
- 2020 Fund Water Quality Drainage Improvements (\$187,313 Approved)
- 2020 Fund Additional Cost for Downtown Sewer Project (\$12,218,000 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

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

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