

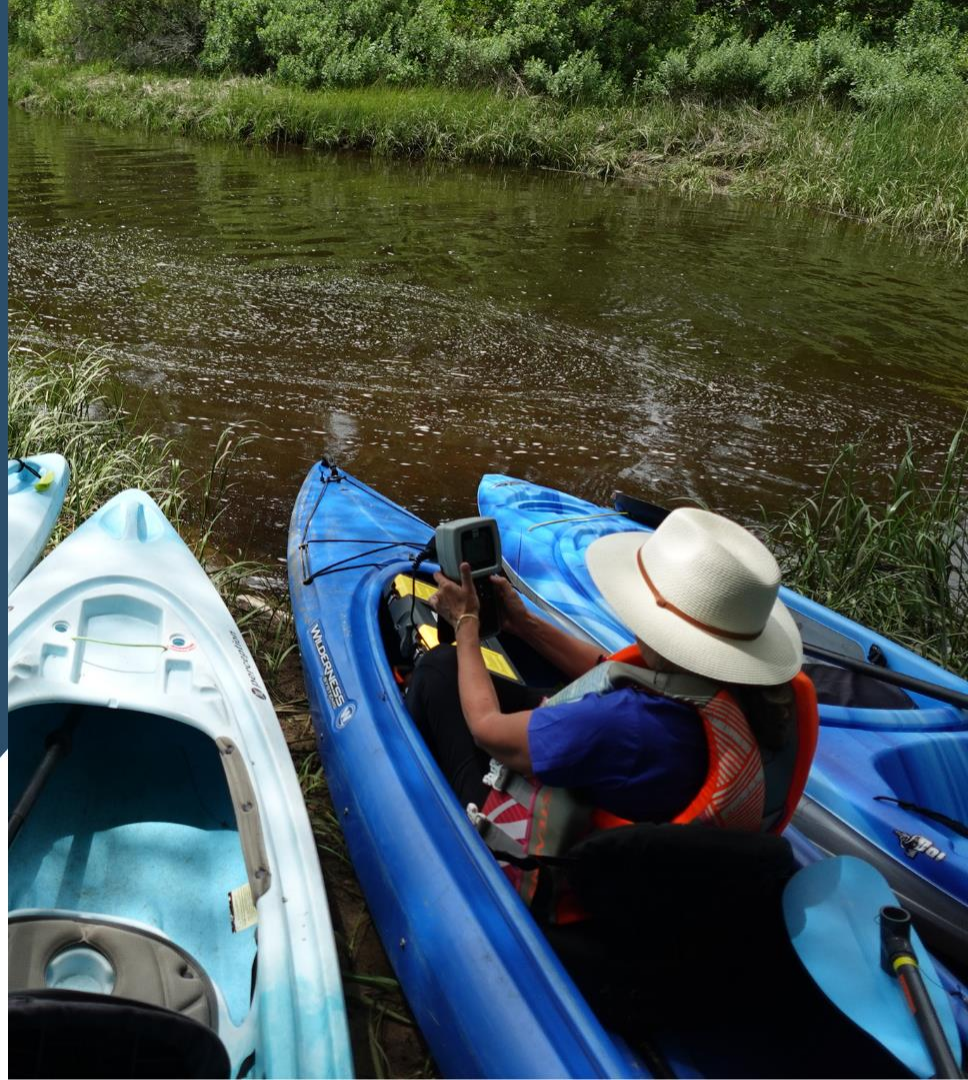
WATER RESOURCES Management Update

**Barnstable Town Council
September 18, 2025**

Town of Barnstable
Department of Public Works



BARNSTABLE
Water Resources



CWMP Sewer Connections

as of September 15, 2025

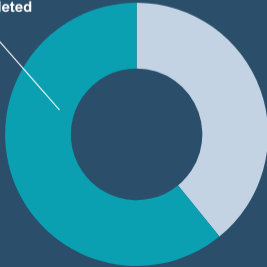
Sewer Connections have become available in 'rounds' and were staggered as a result of specific properties relying on the Phinney's Lane Pump Station to convey wastewater to the Water Pollution Control Facility. This chart shows connection totals by both the project in which properties are associated with, as well as the 'round' in which property owners were notified of their connection eligibility and deadline. Compliance is managed by the Barnstable Health Division and Board of Health.

Total Completed Sewer Connections

62%

To date, 202 parcels have
connected to the newly expanded
municipal sewer system.

202
connections
completed

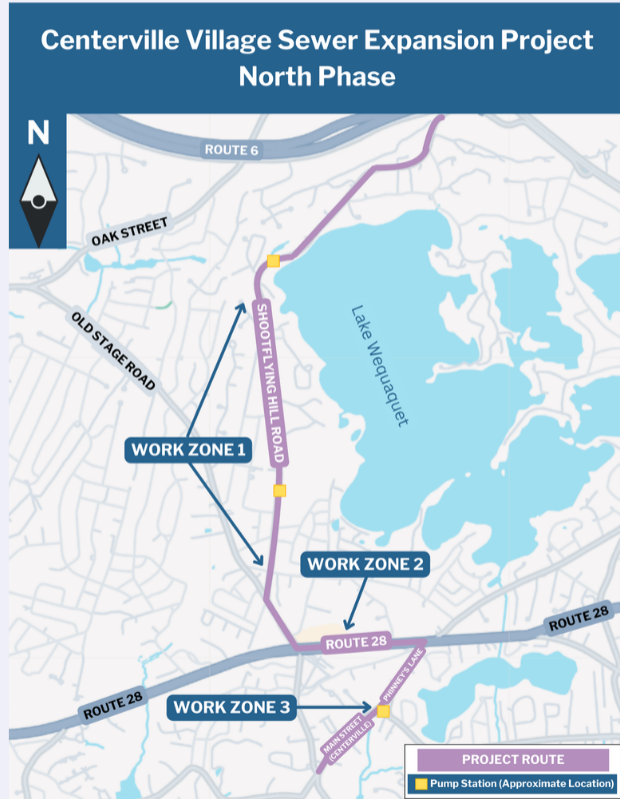


Project	Pre-CWMP 20 Parcels	Round 1 (Summer 2024) 146 Parcels	Round 2 (Fall 2024) 5 Parcels	Round 3 (Winter 2025) 153 Parcels	TOTAL 324 Parcels
Strawberry Hill Road		107	3	40	150
Route 28 East		---	---	40	40
Hyannis Ave (Private Sewer Extension)*	11	---	---	---	11
Maywood Ave (Private Sewer Extension)*	1	---	---	---	1
PERCENT COMPLETE		73%	60%	52%	62% (202)

*Privately funded & constructed sewer extension projects; do not have 6-mo connection deadlines.



Centerville Village Sewer Expansion - North Phase



Status: Active Construction

Anticipated Completion: Spring 2027

Work Zone 1: Shootflying Hill Road

- Work hours: Monday - Friday, 7:00AM - 4:30PM
- Requires Shootflying Hill Road, from Service Road to Great Marsh Road, to be closed. Same detour and traffic pattern employed last season.
- In-person outreach occurring regularly, as the crew advances, to provide property owners with a final opportunity to complete their Sewer Connection Form prior to service lateral installation.

Work Zone 2: Route 28, from Phinney's Lane to Old Stage Road

- Construction will occur overnight, to lessen traffic impacts.
- Anticipated work hours: Monday - Thursday evenings, 7:00PM - 6:00AM.
- Anticipated start date: 9/22/25, pending MassDOT traffic plan approval.
- Initial business outreach completed.

Work Zone 3: Mother's Park & Phinney's Lane, from Route 28 to Main Street

- Mother's Park Pump Station construction includes the realignment of the intersection and discontinuation of Mother's Park Road.
- Schedule and traffic management plan in development.
- Work must be completed within the terms of the contract (by Spring 2027).



Route 28 West Sewer Expansion



Status: Pre-Construction

Anticipated Start: Late Fall/Early Winter 2025

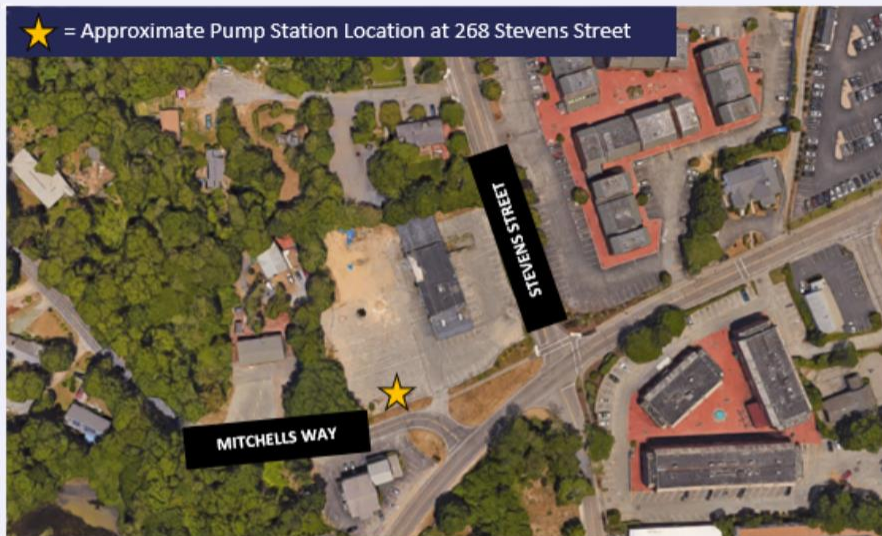
- Construction contract awarded to Robert B. Our Compny, Inc.
- Coordinating pre-construction meeting.
- Construction schedule in development.

Communications & Outreach

- Coordinating Public Information Meeting for mid-late October
 - Meeting will be recorded
- Finalizing Property Owner Project Notification to be sent via USPS Certified Mail:
 - Project Letter with meeting date information
 - Sewer Connection Form (feedback used to finalize service lateral location)
 - FAQs and related sewer connection resources
- Communications will include: formal press release, Barnstable e-News, Barnstable Water Resource email, social media, and MyBarnstable mobile app notifications.
- In-person residential and business outreach to occur prior to construction start-up.



268 Stevens Street Pump Station



Status: On Hold

Anticipated Completion: TBD

- Construction contract awarded to C.C. Construction, Inc.
- Construction is currently **on hold** while permitting of the contractor's dewatering plan is completed.
- Meeting with neighborhood and Town staff held on 8/28/25.
- Conservation Commission Hearing scheduled for 9/23/25.

Background & Project Objectives

- Grant-funded project.
- Notice of Project Change (NPC) filed with MEPA in July 2024 (EEA File Number 16148).
- Proposes adding 57 parcels that are adjacent to the existing collection system; specifically in densely developed sections of downtown Hyannis.
- In 2023, Barnstable Planning and Development applied for and received a state grant to fund the installation of this pump station.
- Pump station is necessary for the proposed Housing Assistance Corporation (HAC) housing project at 268 Stevens Street.



Water Pollution Control Facility

Nitrogen Removal and Headworks Improvements Project

Status: Bids In Review

- General Contractor bids have been received and are in review; bids received are within project budget.
- SRF Loan Application submitted.
- #1 ranked project in 2024 State Revolving Fund Clean Water Intended Use Plan (IUP).

Effluent Disposal Evaluation

Status: Analysis On-going

- Water Reuse and Disposal Alternatives analysis continues with consultant, CDM Smith.

Bearses Way Sewer Extension and Vacuum Sewer Removal Project

Status: Construction Resumes 9/16/25

- Coordinated in collaboration with MassDOT Bearses Way Shared Use Path Project.
- Remaining in-road sewer work includes final tie-in to newly constructed sewer main, service tie-ins, and abandonment of vacuum sewer.
- Remainder of construction anticipated to be completed by the end of October.
- Formal press release distributed, initial business outreach complete.



Water Supply Division

Straightway Water Treatment Facility Project

Status: Pre-Construction

Anticipated Start: October 2025

- Construction contract awarded to Daniel O'Connell's Sons (D.O.C.)
- Coordinating pre-construction kick-off meeting.
- Project objectives include: ability to maximize the permitted capacity of the Hyannis Water System, restore the amount of water that the wells can supply to permitted capacity, allow the water treatment facility to operate year-round, improve the water treatment process to further improve water quality, protect the wells and buildings from flooding, and improve overall system resiliency.

REMINDER: Cape Cod Remains in Level 2 - Significant Drought

- As of 8/20/25, Hyannis Water System, by way of the Barnstable Municipal Water Board, has issued mandatory restrictions around non-essential outdoor water use:
 - Outdoor Watering (by hand only) Restricted to Two Days or Fewer per Week
 - Outdoor Watering Hours (permitted from 5:00 PM to 9:00 AM)
 - Washing of Vehicles prohibited (with exceptions, i.e. commercial car wash, for operator safety, etc.)
 - Washing of Exterior surfaces prohibited (with exceptions, i.e. when applying paint, stucco, cement, etc.)
 - Filling of Swimming Pools prohibited
- State of Water Conservation notice available on the Town website and Barnstable Water Resources.
- Distributed in the Cape Cod Times, via Barnstable e-News, Barnstable Water Resources, social media, and MyBarnstable mobile app.



LEVEL 2 - SIGNIFICANT DROUGHT

LEVEL 1 Mild Drought **LEVEL 2 Significant Drought** LEVEL 3 Critical Drought LEVEL 4 Emergency Drought

What does this mean?

- Rain below normal for over 2 months
- Streams and ground water low, nearing very low flows in some areas
- Fire danger steadily increasing
- Strain on some water supplies

Act Now!

RESIDENTS AND BUSINESSES:

- Minimize overall water use.
- Limit outdoor watering to hoses/watering cans and only after 5pm and before 9am.
- Limit installation of new landscapes.

GET A DROUGHT UPDATE AT

[MASS.GOV/MA-DROUGHT-MANAGEMENT](https://mass.gov/ma-drought-management)

MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS



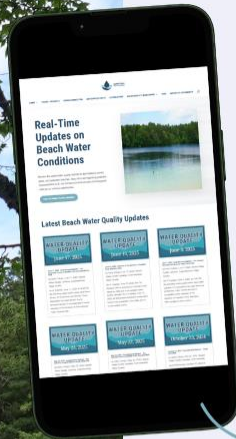
Ponds & Lakes

Cyanobacteria Monitoring Status: Continues through Fall

- 38 sites covering 28 ponds, including all freshwater public and semi-public beaches
- Collaborative effort between Town of Barnstable staff (Department of Public Works and Health Department) and the Association to Preserve Cape Cod (APCC)
- Sampling will continue with the goal for waterbodies to reach 'acceptable' conditions
- An advisory posting may remain into next season if acceptable levels are not reached
- REMINDER: Water Quality Reports are posted to Barnstable Water Resources, the MyBarnstable app, and via social media

Fertilizer Use Ordinance

- Enhanced education regarding the Town's Fertilizer Use Ordinance
- Dedicated email via Barnstable Water Resources, social media series, and collaboration with Barnstable e-News
- Additional Town communications anticipated



How lawn fertilizer is effecting Barnstable's ponds and lakes

and your responsibility as a property owner.



The Problem:

Barnstable's sandy glacial soils make our groundwater and surface water especially vulnerable to nutrient leaching. When nitrogen and phosphorus from improperly applied fertilizers enter our waters, they can accelerate nutrient enrichment (eutrophication), harming aquatic life, limiting recreational use, and posing serious risks to drinking water through increased nitrate levels.



The Solution:

The Town of Barnstable enacted **Barnstable's Fertilizer Use Ordinance** (Chapter 78) to protect the health of our environment, drinking water, and natural resources.

You can help by maintaining a minimum setback of 100 feet from all water bodies, not using fertilizers between November 12 and March 31, or before or during heavy rain, and limiting your fertilizer use in general.





BARNSTABLE
Water Resources