

WATER RESOURCES Management Update

Barnstable Town Council
November 20, 2025

Town of Barnstable
Department of Public Works



BARNSTABLE
Water Resources



CWMP Sewer Connections

as of November 17, 2025

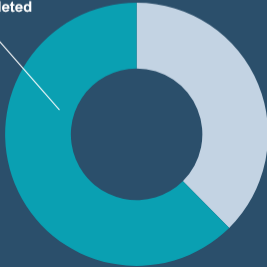
Sewer Connections have become available in ‘rounds’ and were staggered as a result of specific properties relying on the Phinney’s Lane Pump Station to convey wastewater to the Water Pollution Control Facility. This chart shows connection totals by both the project in which properties are associated 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

67%

As of this report, 217 parcels have connected to the newly expanded municipal sewer system.

217
connections
completed

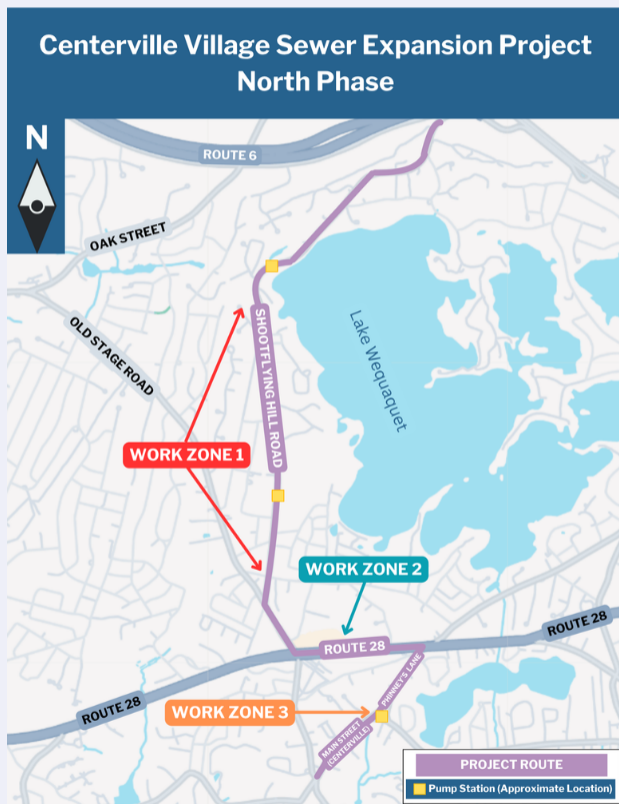


Project	Pre-CWMP 20 Parcels	Round 1 (Summer 2024) 146 Parcels	Round 2 (Fall 2024) 5 Parcels	Round 3 (Winter 2025) 153 Parcels	TOTAL 324 Parcels
Strawberry Hill Road		108	3	44	155
Route 28 East		---	---	50	50
Hyannis Ave (Private Sewer Extension)*	11	---	---	---	11
Maywood Ave (Private Sewer Extension)*	1	---	---	---	1
PERCENT COMPLETE		74%	60%	61%	67% (217)

*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 - 5:00PM
- Requires Shootflying Hill Road, from Service Road to Great Marsh Road, to be closed.

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

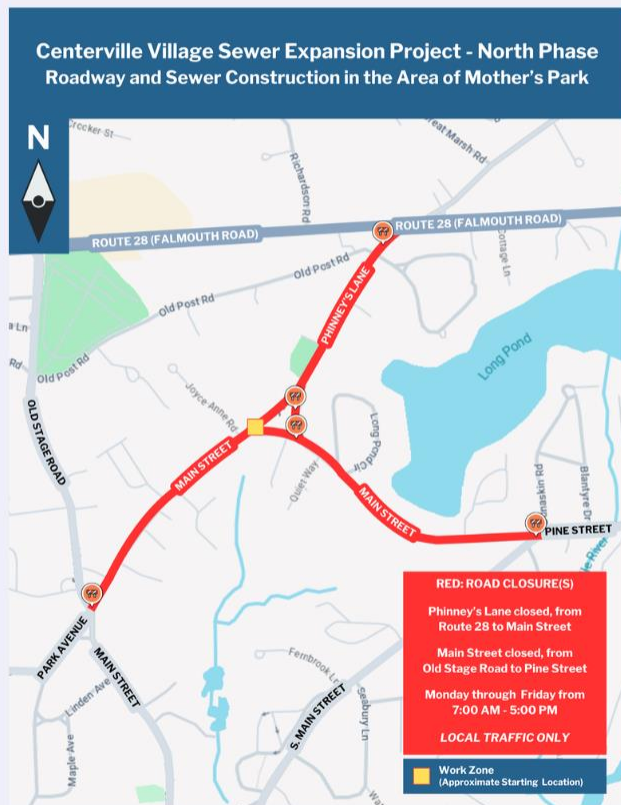
- Work hours: Monday - Thursday evenings, from 7:00PM - 6:00AM
- Requires Route 28, from Phinney's Lane to Old Stage road, to be closed.
- Business access maintained; ongoing outreach and coordination with businesses.

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

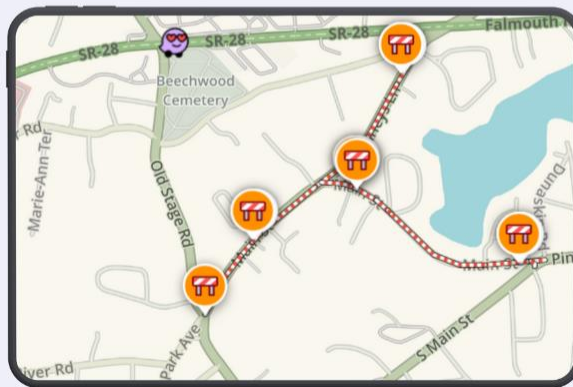
- Mother's Park Pump Station construction includes the realignment of the intersection, discontinuation of Mother's Park Road, and extension of park's green space.
- Construction will occur in phases:
 - Phase 1: Construct new Main Street alignment, associated sewer, and drainage.
 - Anticipated work hours: Monday - Friday, 7:00AM - 5:00PM
 - Requires adjacent road closures:
 - A portion of Phinney's Lane, from Route 28 to Main Street
 - A portion of Main Street, Centerville, from Old Stage Road to Pine Street



Mother's Park Area: Public Outreach



- Placement of variable messaging boards with road closure messaging
- Traditional media release, social media, and MyBarnstable mobile app notification
- Updates via BarnstableWaterResources.com
- Direct mail to all property owners living within the road closures
- Discussions with property owners, area businesses, and the Centerville Civic Association
- Continued coordination with BPD, Barnstable Public Schools, COMM Water, USPS and other key stakeholders via weekly traffic management meetings



Continued use of Waze/Google Maps to communicate road closures



Route 28 West Sewer Expansion



Status: Pre-Construction

Anticipated Start: Early 2026

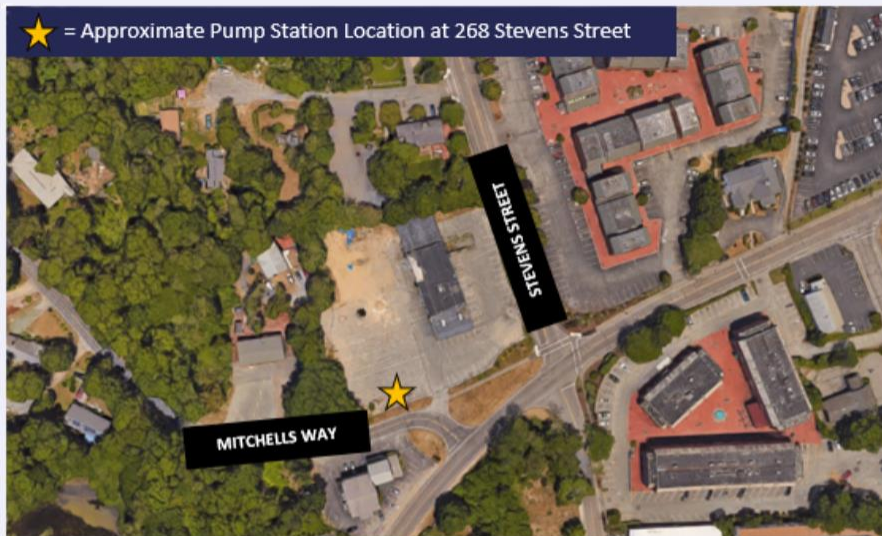
- Identified as a key goal within Phase 1 of the Town's CWMP.
- Will act as the backbone for westward expansion of the municipal sewer system, providing the infrastructure needed to reach the most critically impaired Three Bays.
- Construction contract awarded to Robert B. Our Compny, Inc.
- Construction schedule in development.

Communications & Outreach

- Public Information Meeting held on Wednesday, October 29 at 6:00PM
 - Welcomed 60+ attendees who were provided a Homeowner's Sewer Connection Guide, Project-at-a-Glance info sheet, communications survey, and more.
 - Meeting was recorded; summary is posted on Barnstable Water Resources: barnstablewaterresources.com/route-28-west-sewer-expansion-project-public-information-meeting-recap/
- Property Owner Project Notification distributed via Certified Mail
 - Included Sewer Connection Form
 - 25% of forms have already been completed and processed to-date
- Will continue public education via Barnstable Water Resources email newsletter and social media accounts.



268 Stevens Street Pump Station



Status: Pending Schedule Update

Anticipated Completion: TBD

- Construction contract awarded to C.C. Construction, Inc.
- Order of Conditions issued on October 16, 2025, for dewatering.
- Pending contractor's updated construction schedule.

Background & Project Objectives

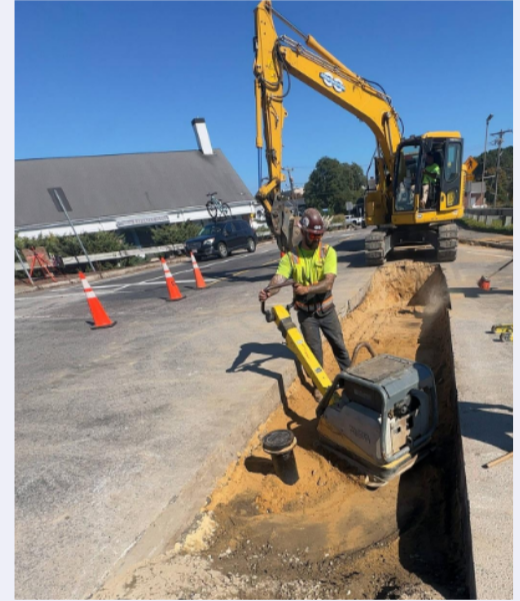
- Grant-funded project.
- Notice of Project Change (NPC) filed with MEPA in July 2024 (EEA File Number 16148).
- Proposes adding 57 parcels that are adjacent to the existing collection system; specifically in densely developed sections of downtown Hyannis.
- In 2023, Barnstable Planning and Development 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.



Bearses Way Sewer Extension and Vacuum Sewer Removal Project

Status: Sewer Construction Complete

- Coordinated in collaboration with MassDOT Bearses Way Shared Use Path Project.
- Sewer construction and sewer service tie-ins are complete; new sewer system is functional.
- Associated utility relocations and upgrades are complete.
- Initial paving of Shared Use Path complete. Final paving and restoration anticipated this Spring.
- Formal communications and in-person outreach on-going; traffic impacts have varied, dependent on the nature of the work.



Water main installation was completed earlier this month.



Water Pollution Control Facility

Nitrogen Removal and Headworks Improvements Project

Status: Pre-Construction

- #1 ranked project in 2024 State Revolving Fund Clean Water Intended Use Plan (IUP).
- Contractor anticipates mobilizing to begin construction mid-November.

Project Overview

- Includes the construction of a new headworks facility, nitrogen removal improvements – which consists of the installation of a four stage Bardenpho process and Membrane Bioreactors (MBR) – upgrades to the effluent pumping systems, associated piping/conveyance structures, upgrades identified in the prior facility study, and installing infrastructure needed to facilitate potential future work.
- This work will reduce the average effluent concentration of nitrogen from the facility's current 6 milligrams per liter +/- to an average concentration of 3 milligrams per liter or less.
- This reduction of nitrogen concentration in plant effluent will reduce the total nitrogen load to the Lewis Bay Watershed.
- Additionally, the four stage Bardenpho process, followed by the Membrane Bioreactor being installed, will result in a very high-quality treated effluent, which enables opportunities for additional treatment processes to be considered as part of future work.





**TOWN OF BARNSTABLE
WATER POLLUTION
CONTROL FACILITY
NITROGEN REMOVAL AND
HEADWORKS UPGRADE**



Water Pollution Control Facility

Effluent Disposal Evaluation

Status: Analysis On-going

- Town continues discussions with the State regarding a phased approach to Water Reuse and Disposal Alternatives.
 - Short-term; actively working with MassDEP to expand the WPCF's current permit to support flows through early Phase 2 of the CMWP.
 - Medium-term alternatives have been identified to support through Phase 2; being discussed with Town leadership and DEP.
 - Concurrently, long-term options are under evaluation to ensure flexibility as regulations evolve.



Water Supply Division

Straightway Water Treatment Facility Project

Status: Active Construction

- Construction contract awarded to Daniel O'Connell's Sons (D.O.C.)
- Contractor has commenced installation of erosion controls, tree clearing, and temporary fence installation.
- Increased construction vehicle traffic to be expected within the vicinity.
- Initial pre-construction in-person neighborhood outreach completed; outreach efforts will be on-going as construction progresses.
- Ground breaking held on October 28, attended by State and local officials.

Project Background

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.

Project page available on Town of Barnstable website and Barnstable Water

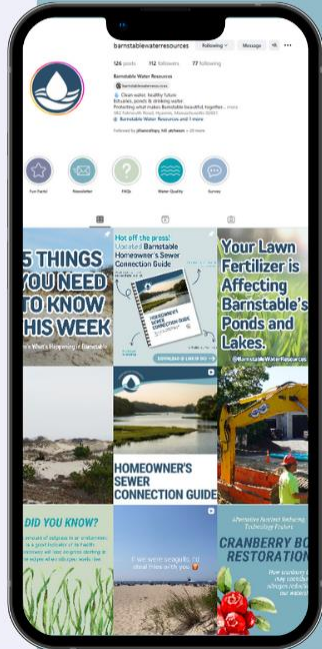
Resources: barnstablewaterresources.com/drinking-water-supply/



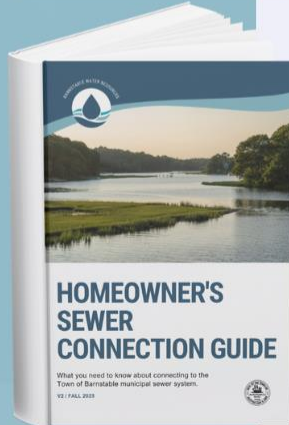
Recent Communications Efforts

Barnstable Water Resources

CONNECT WITH US ON SOCIAL MEDIA +
SUBSCRIBE TO OUR NEWSLETTER



Fall 2025
Reprint of Homeowner's
Sewer Connection Guide



BARNSTABLE WATER RESOURCES NEWSLETTER - NOVEMBER 4, 2025

The latest on the Route 28 West Sewer Expansion Project

From a project overview to the anticipated construction schedule, here's what you missed from our recent public informational meeting.

[MEETING RECAP →](#)

Route 28 West Sewer
Expansion Project public
meeting summary

BARNSTABLE WATER RESOURCES NEWSLETTER - OCTOBER 16, 2025

Don't Let Leaves Clog The Flow This Fall

Help Keep Fallen Leaves Out of the Streets and Storm Drains

[LEARN MORE →](#)

Stormwater education with
actionable leaf care tips
for property owners

5 THINGS YOU NEED TO KNOW THIS WEEK

Here's What's Happening in Barnstable

Quick hit, need-to-know
info related to Town-wide
water quality initiatives





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