

WATER RESOURCES Management Update

**Barnstable Town Council
December 11, 2025**

Town of Barnstable
Department of Public Works



BARNSTABLE
Water Resources



CWMP Sewer Connections

as of December 8, 2025

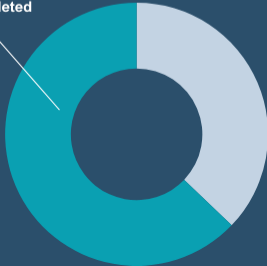
Sewer Connections have become available in ‘rounds’ and were staggered as a result of specific properties relying on the Phinney’s Lane Pump Station to convey wastewater to the Water Pollution Control Facility. This chart shows connection totals by both the project in which properties are associated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

68%

As of this report, 220 parcels have connected to the newly expanded municipal sewer system.

220
connections
completed

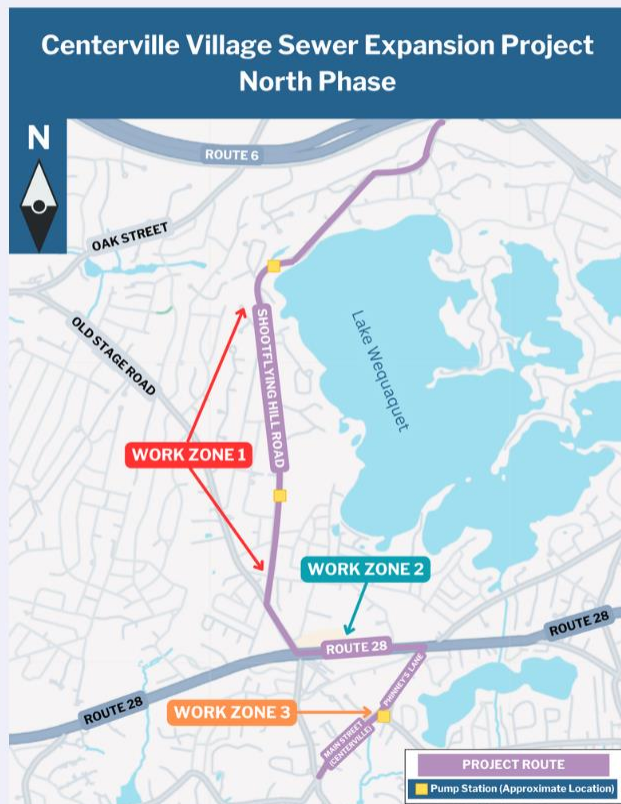


Project	Pre-CWMP 20 Parcels	Round 1 (Summer 2024) 146 Parcels	Round 2 (Fall 2024) 5 Parcels	Round 3 (Winter 2025) 153 Parcels	TOTAL 324 Parcels
Strawberry Hill Road		108	3	44	155
Route 28 East		---	---	53	53
Hyannis Ave (Private Sewer Extension)*	11	---	---	---	11
Maywood Ave (Private Sewer Extension)*	1	---	---	---	1
PERCENT COMPLETE		74%	60%	63%	68% (220)

*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.
- Crew currently installing sewer between Wequaquet Lake Boat Ramp and Tern Lane.

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.
- Night operations will demobilize for the winter season, by the end of month.

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.
 - 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



Route 28 West Sewer Expansion



Status: Pre-Construction

Anticipated Start: Early 2026

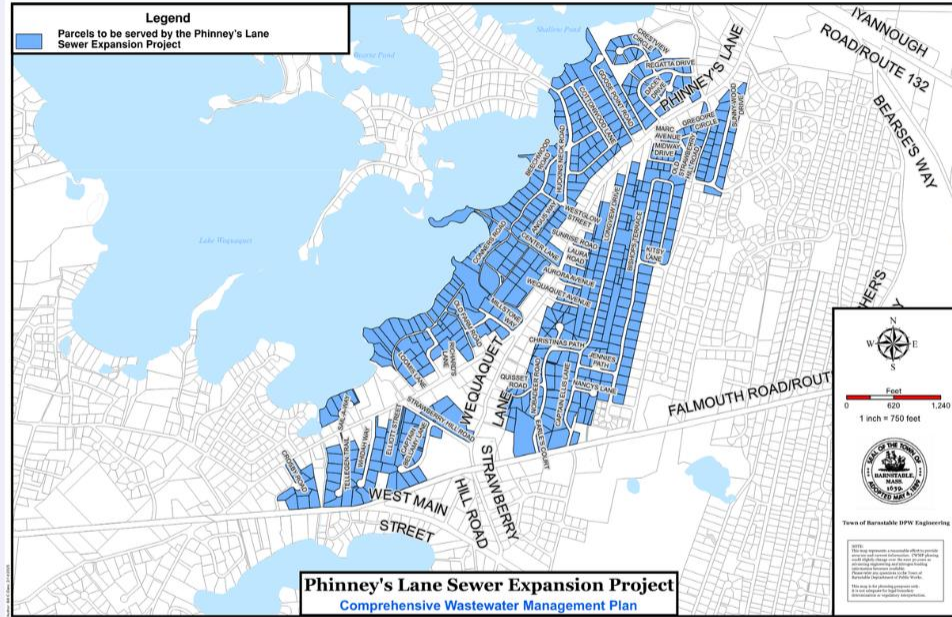
- Identified as a key goal within Phase 1 of the Town's CWMP.
- Will act as the backbone for westward expansion of the municipal sewer system, providing the infrastructure needed to reach the most critically impaired Three Bays.
- Construction contract awarded to Robert B. Our Compny, Inc.
- Construction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



Phinney's Lane Neighborhoods Sewer Expansion



Status: Final Design

Anticipated Start: Fall 2026

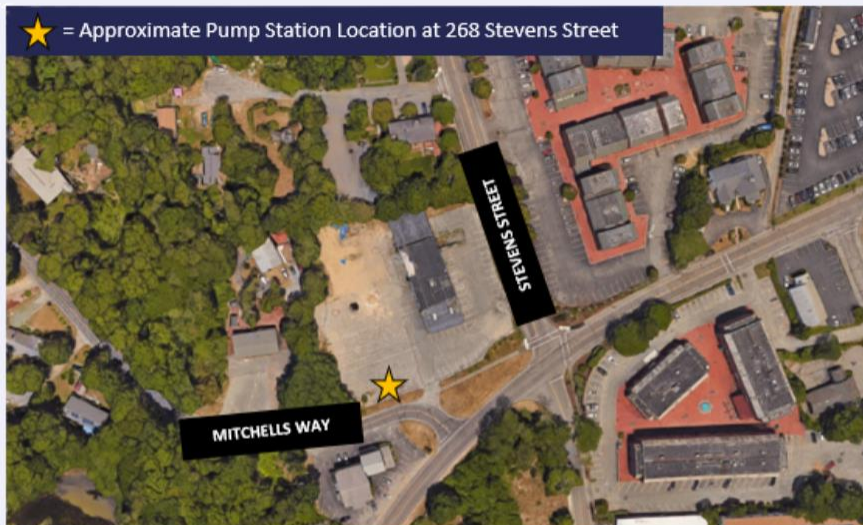
- Will expand sewer into the residential neighborhoods on the east and west side of Phinney's Lane, which will tie into the sewer infrastructure constructed along Phinney's Lane as part of the Strawberry Hill Road and Route 28 East projects.
- Anticipated to sewer +/- 580 properties.
- Final design contract awarded to Weston & Sampson.
- 90% design plans anticipated by end of year.

Next Steps

- Finalize design and host public informational meeting
 - Targeting late Winter 2026.
 - Will include public meeting notice and formal communication to all property owners identified to receive sewer as part of this project.
- Prepare project for public bid
 - Anticipate advertising construction contract in Spring 2026.



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.
- Request for superseding Order of Conditions was filed with MassDEP.
- Site walk held on December 4, 2025.

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: Pre-Construction

- #1 ranked project in 2024 State Revolving Fund Clean Water Intended Use Plan (IUP).
- Contractor has mobilized to site; pre-construction prep has commenced.

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.



Aerial rendering video available at:
<https://bit.ly/WPCFRendering>



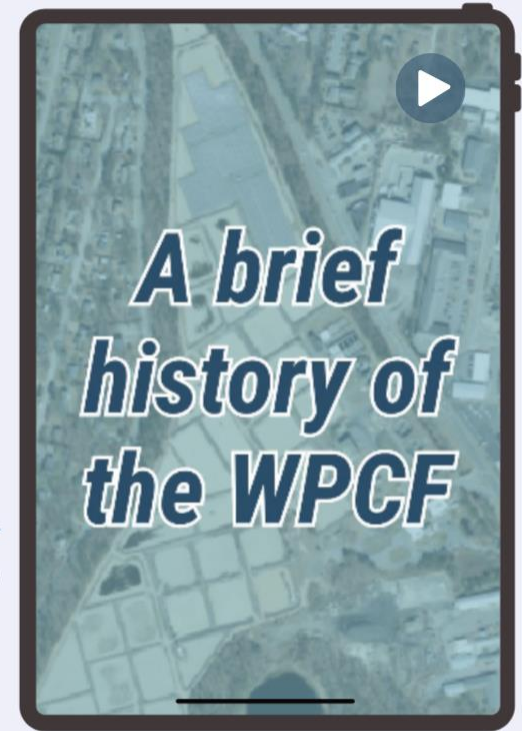
Water Pollution Control Facility

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.

Watch our aerial time lapse featuring changes to the WPCF over the years via Facebook & Instagram: [@BarnstableWaterResources](#)



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 construction.
- Increased construction vehicle traffic to be expected within the vicinity.
- Continued, on-going neighborhood outreach as construction progresses.

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/

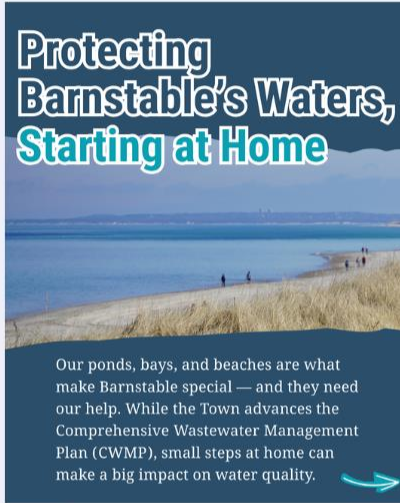


Recent Communications Efforts

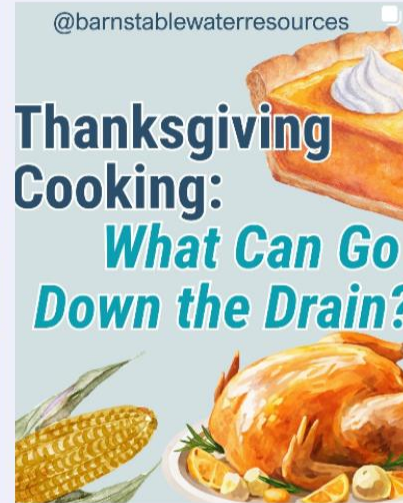
Sewer Connection Workshop

THE DPW & BARNSTABLE ADULT COMMUNITY CENTER (BACC) HAVE PARTNERED TO OFFER QUARTERLY SEWER CONNECTION WORKSHOPS.

WATCH OUR DECEMBER 3RD MEETING:



Actions for homeowners to take when considering water quality at home



Seasonal tips related to septic and sewer system best practices



Continued education around the need for the CWMP





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