

WATER RESOURCES **Management Update**

Barnstable Town Council
July 17, 2025

Town of Barnstable
Department of Public Works



BARNSTABLE
Water Resources



CWMP Sewer Connections

as of July 14, 2025

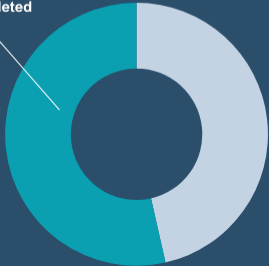
Sewer Connections have become available in 'rounds' and were staggered as a result of specific properties relying on the Phinney's Lane Pump Station to convey wastewater to the Water Pollution Control Facility. This chart shows connection totals by both the project in which properties are associated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

53%

To date, 174 parcels have
connected to the newly expanded
municipal sewer system.

174
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		101	3	26	130
Route 28 East		---	---	32	32
Hyannis Ave (Private Sewer Extension)*	11	---	---	---	11
Maywood Ave (Private Sewer Extension)*	1	---	---	---	1
PERCENT COMPLETE		69%	60%	38%	53% (174)

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



Phase 1 Sewer Expansion Project Updates

ACTIVE CONSTRUCTION

Centerville Village - North Phase

- Substantial Completion: Spring 2027
- Work has paused for the summer season
- Construction anticipated to resume after Labor Day
- Overnight work on Route 28 anticipated in the Fall

PROCUREMENT & CONTRACTING

Route 28 West

- Anticipated Construction: Fall 2025
- Preparing to award construction contract
- Property owner communications in development, including: USPS Certified Mail Project Notification, Sewer Connection Form, and scheduling of Construction Kick-off Public Meeting

ADVANCED DESIGN

Centerville Village - South Phase

- 90% design completion anticipated in July/August
- \$16M construction appropriation approved
- Contract must be awarded by June 30, 2026, to remain eligible for principal subsidy
- Anticipated Construction: Fall 2026

Phinney's Lane Neighborhoods

- 75% design completion anticipated in August
- Next round of private road utility easements to be presented to Town Council this Fall
- Anticipated Construction: Fall 2026

PRELIMINARY DESIGN & SURVEY ON-GOING

Long Beach Area Project (2027)

Long Pond Area Project (2027)

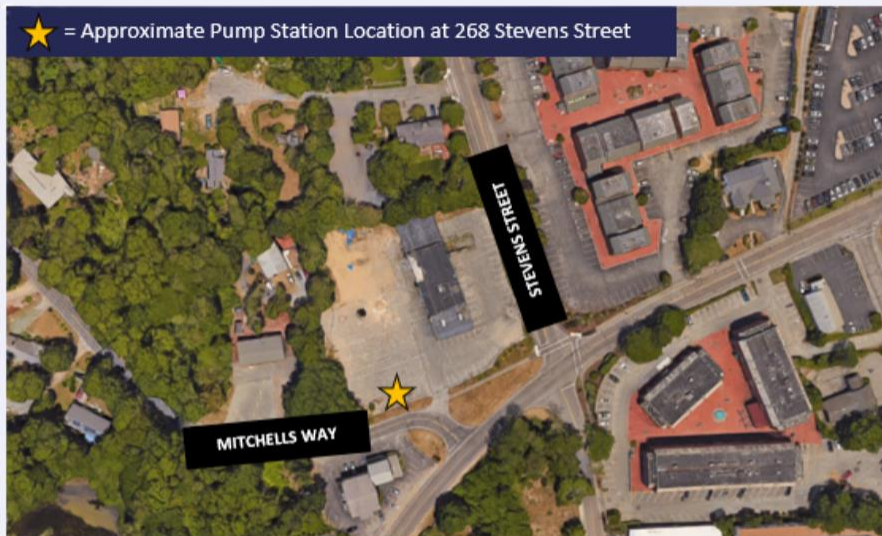
Great Marsh Rd/Shootflying Hill Rd Neighborhoods (2028)

Old Yarmouth Road (2028)

Old Craigville Road (2030)



268 Stevens Street Pump Station



Status: Construction

Anticipated Completion: 2026

- Contract awarded to C.C. Construction, Inc.
- Contractor has mobilized and commenced dewatering activities
- Water level monitoring on-going in collaboration with Conservation
- Anticipate commencing excavation this week
- Construction notifications and in-person outreach completed for adjacent residential and commercial properties

Background & Project Objectives

- 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: With Procurement

- Bid submissions currently under review
- SRF Loan Application submitted
- Targeting construction bid award for late Summer
- #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
- Continued monthly meetings with MassDEP

Bearses Way Sewer Extension and Vacuum Sewer Removal Project

Status: Construction

- 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
- Work has paused for the summer season; anticipate remobilization this Fall, following the Labor Day holiday



Water Supply Division

Straightway Water Treatment Facility Project

Status: Preparing to Award Construction Contract

Anticipated Construction: Fall 2025

- Supplemental appropriation order request for \$11.5 million in additional funds to complete construction (Agenda Item 2025-194)
- Project proposes the construction of a new Straightway Water Treatment Facility, which will replace the existing Straightway and Hyannisport water treatment plants, upon completion
- 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

Lead Service Line Inventory and Replacement

Status: Phase II Report recieved and in review

- To date, Hyannis Water System (HWS) is unaware of any lead water service lines within its system; historically HWS has removed and replaced any lead service lines upon discovery within the public right-of-way
- Program includes creating an inventory of all water service lines within the HWS distribution system as required by MassDEP/US EPA
- If any portion (private or publicly owned) are identified as lead, or potentially containing lead, a plan for their replacement must be developed
- HWS and its consultant have completed customer outreach, education, and when necessary in-person site visits to assist property owners; project updates and communications, including translations, available on Water Supply Division Projects Page via Town of Barnstable website
- Findings from the Phase II Report are scheduled to be presented to the Barnstable Municipal Water Board on July 22, 2025

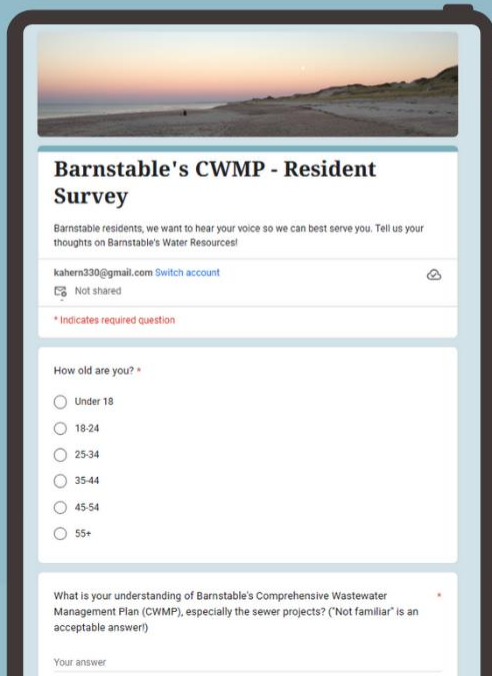


Communications & Outreach

NEW

CWMP Communications Resident Survey

BARNSTABLEWATERRESOURCES.COM/SURVEY



Barnstable's CWMP - Resident Survey

Barnstable residents, we want to hear your voice so we can best serve you. Tell us your thoughts on Barnstable's Water Resources!

kahern330@gmail.com [Switch account](#)

Not shared

* Indicates required question

How old are you? *

☐ Under 18

☐ 18-24

☐ 25-34

☐ 35-44

☐ 45-54

☐ 55+

What is your understanding of Barnstable's Comprehensive Wastewater Management Plan (CWMP), especially the sewer projects? ('Not familiar' is an acceptable answer!)

Your answer

Upcoming Events & Outreach Initiatives

CWMP Resident Survey & Youth Engagement

- Targeted outreach to youth-centered groups, events, and initiatives across Town
- Promotion of CWMP Survey through Young Adult local library programs
- On-going engagement with Youth Commission; discussing opportunity to collaborate with Recreation/HYCC Summer Program

Sewer Connection Workshop

- Wednesday, July 16, 2025 at 6:00PM
- Continuation of our educational programming hosted in collaboration with the Barnstable Adult Community Center
- Homeowner's Sewer Connection Guide & NEW promotional items for all attendees!
- Presentation summary and recording to be posted on BarnstableWaterResources.com

BWR at the Beach

- Promotional tables Craigville, Covell's, Dowses and Kalmus beaches, mid-July and August
- Goal = increase awareness of BarnstableWaterResources.com, newsletter & app subscriptions
- Educational materials and branded Barnstable Water Resources swag

Association Annual Meetings

- Presenting at a number of annual homeowner's association and civic association meetings throughout July and August





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