

Avon Water Pollution Control Authority
September 15, 2022 – 7:00 p.m.
Via GoToMeeting

I. CALL TO ORDER

The Avon Water Pollution Control Authority meeting was called to order at 7:06pm via GoToMeeting by Vice-Chairperson Armstrong.

AWPCA – Roll Call:

Present: Eric Johansen, Chairperson (arrived at 7:15pm)
Tom Armstrong, Vice-Chairperson
Chris Roy
Micah Rousey
Lawrence Baril, Town Engineer

Absent: Keith Jones

II. MINUTES OF PRECEDING MEETING

July 14, 2022

On a motion made by Mr. Rousey and seconded by Mr. Roy it was voted:

RESOLVED: That the Authority approves the minutes of the July 14, 2022, Meeting as drafted.
Messrs.: Armstrong, Rousey, and Roy voted in favor.

III. COMMUNICATION FROM AUDIENCE –None

IV. NEW BUSINESS -None

V. OLD BUSINESS

2021 – 7 Benefit Assessments – Sub-dividable lots

The Authority agreed to continue discussion on this item to the October meeting.

2021 – 8 Timber Lane – Sewers

Mr. Baril provided planning and work completed to date of Timber Lane sewer installation. Mr. Baril made a presentation (which is attached and made part of these minutes). Mr. Armstrong clarified a vote was not required at this meeting; purpose is for information on the continuation of administrative process.

Charles Herbert, 10 Timber Lane, questioned what happens if homeowners decide they do not want to move forward? Mr. Baril responded that project could be significantly delayed. Mr. Herbert posed second question with comment that his personal septic field will have failed by then. Mr. Herbert asked

if garbage or delivery trucks will be able to access the road while under construction. Mr. Baril responded all delivery or emergency vehicles, and residents will continue to have access to the road, and any direct disturbance to residents will have advance notice. Mr. Herbert thanked Mr. Baril for the work to-date.

Mr. Armstrong asked Mr. Herbert to meet with neighbors to discuss project plan. Mr. Herbert agreed. Mr. Armstrong posed Oct. 6th as the deadline for feedback from residents to Mr. Baril. Mr. Herbert concurred.

The Authority gave consensus to continue with the planning of the Timber Lane sewer installation.

2022 – 5 Towpath Sewers

Mr. Baril reported that CT DEEP issued administrative order mandating remediation plan for septic tank failure; an Engineering firm has been engaged for Towpath; and if Towpath cannot properly remediate, AWPCA may be obligated to extend sewer and assess accordingly.

2022 – 7 Route 44 Pump Station Upgrade

Mr. Baril reported that the contract has been signed and kick-off meeting is scheduled for next week.

VI. PLANNING & ZONING MATTERS-None

VII. COMMUNICATION FROM STAFF - None

VIII. COMMUNICATION FROM MEMBERS - None

IX. OTHER BUSINESS – AWPCA 2023 Meeting schedule to be added to October agenda for approval.

X. ADJOURNMENT

On a motion made by Mr. Johansen seconded by Mr. Roy, it was voted:

RESOLVED: That the Authority adjourn the meeting at 8:11p.m.

Messrs.: Armstrong, Johansen, Rousey, and Roy voted in favor.

Attest: Nicole Chambers, AWPCA Clerk

Timber Lane Sewers Informational Meeting



September 15, 2022

Primary Drivers for Project

- **High need area as evaluated within the Sewer Facilities Plan**
- **Petition from Area Homeowners**
- **Age of Septic Systems**
- **Area within a reasonable distance to existing public sewer (Brookmoor) making connection to existing sewers feasible**

Primary Drivers for Project

Sewer Facilities Plan Priorities



FUSS & O'NEILL

Table VI-1: Wastewater Management Plan Needs Matrix

Identified as
high need
within Sewer
Facilities Plan
in 2007

Location	Small Lot Size (1)	Large Number of Repairs (2)	Septic Systems Old (3)	Sanitarian Recommended (4)	Identified in 1977 Facilities Plan (5)	Steep Terrain (6)	Poor Soil Suitability (7)	Shallow Groundwater (8)	Area Served by Private Wells (9)	Future Sewershed (10)	Priority (11)
	3	3	1	5	1	2	4	3	2	Priority Weight	
Haynes Area		■	■	■	■		■	■		Yes	17
Woodhaven Dr. & Bronson Road Area		■	■	■	■		■	■		Yes	17
School Street/Verville Area	■	■	■	■	■		■			Yes	17
Cider Brook Area		■	■	■			■	■		Yes	16
Deepwood Drive Area		■	■	■			■	■		Yes	16
Stony Corners Area			■	■	■		■	■		Yes	14
Lower Waterville Area		■				■	■	■	■	No	14
Carriage Drive Area			■	■	■		■	■		Yes	14
Arch Road Area	■	■	■		■			■	■	Yes	13
Wright Drive Area				■		■	■		■	Yes	13
Oak Bluff Area				■		■	■		■	Yes	13
Brookmoor Area	■		■		■		■	■		Yes	12
Paper Chase Area	■		■	■				■		Yes	12
Tamara Circle Area		■	■	■	■				■	Yes	12
Lower Huckleberry Hill Area	■	■	■				■			Yes	11
Woodford Hills Area						■	■	■	■	No	11
Sunnyridge Area			■	■	■				■	Yes	9
Upper Huckleberry Hill Area		■	■				■			No	8
West Ridge Area		■	■				■			Yes	8
Jackson Inc. Area						■	■		■	Yes	8
Delbon Lane Area	■						■			Yes	7
Old Farms Area			■				■		■	Yes	7
Sassacus Drive Area	■		■						■	Yes	6
Huckleberry Hill Open Space							■		■	No	6
Juniper Drive Area			■		■		■			Yes	6
Country Club Golf Course							■		■	No	6
New Road Area			■			■			■	Yes	5
Avonwood Area			■				■			Yes	5
Brentwood/Craigemore Area		■	■							No	4
Scarborough Drive Area							■			No	4

Project goals:

- 1. Provide gravity sanitary sewer service to first-floor connections at every residence (basement service if possible)**
- 2. Provide the best Cost $\leftarrow \rightarrow$ Benefit**
- 3. Minimize disturbance to environment**
- 4. Minimize disturbance to pavement since the roadway is not considered a high priority for resurfacing through pavement management program**
- 5. Locate manholes to minimize driver impediments**

Work completed to date:

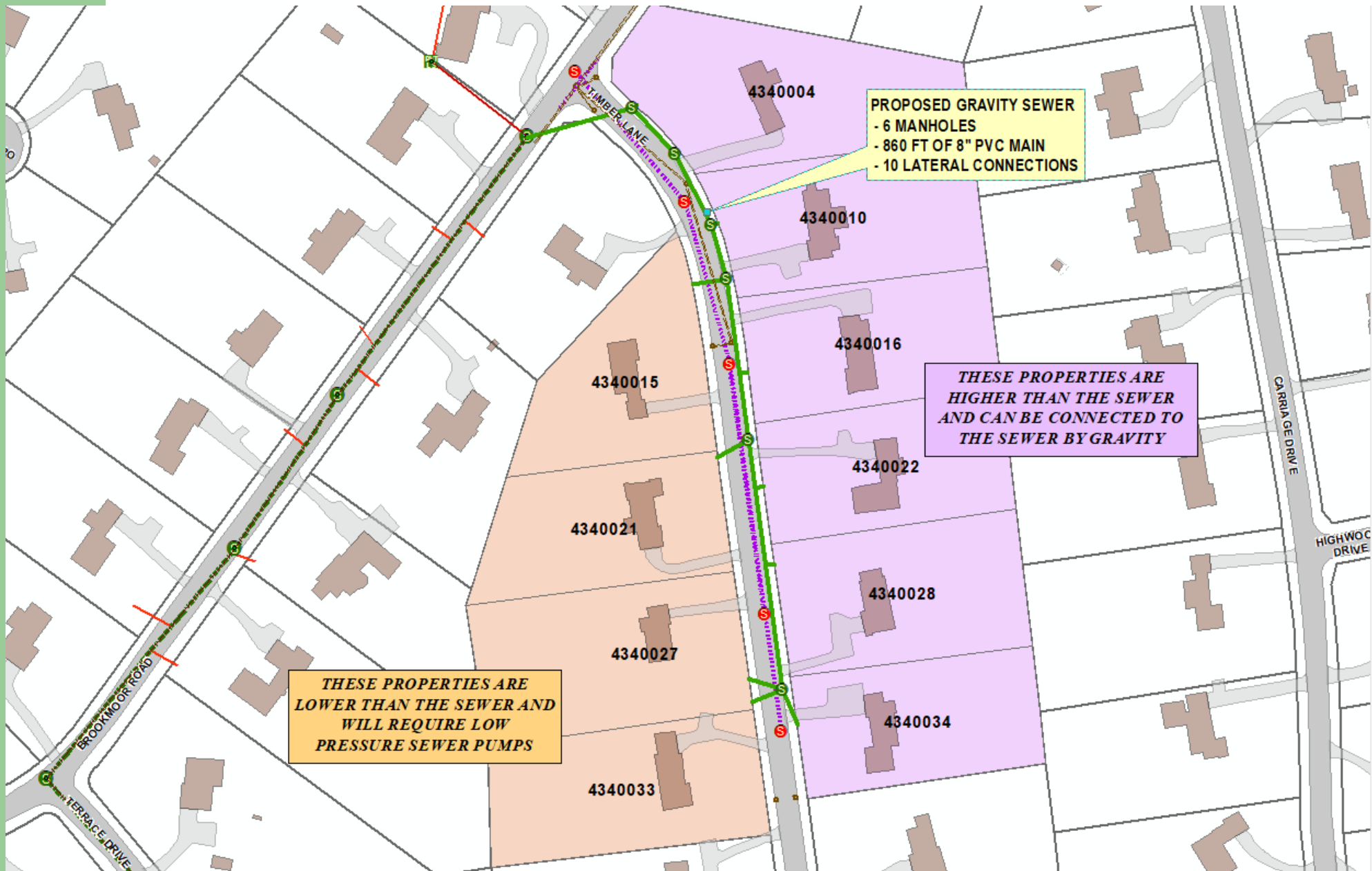
- 1. Performed field survey, soil borings, office survey, preliminary design**
- 2. Identified and evaluated routes to connect to the existing sanitary sewer – met with property owner(s) to determine accessibility options for same**
- 3. Prepared preliminary estimates of two potential routes**
- 4. Prepared public information meeting presentation and materials**

Project Specifics:

Combined Projects:

- 1. Approximately 860 ft of sanitary main**
- 2. 6 manholes**
- 3. 10 service laterals**
- 4. Depth of mainline between 5ft and 8ft**
- 5. 4 residences will need to pump; 6 will be gravity**
- 6. Road may be closed during construction (in construction zone)**
- 7. Temporary pavement over disturbed roadway (paved in several stages)**
- 8. Permanent pavement patch will follow after a winter season**

Projects Area = 10 Homes



Assessment Estimate

Sewer Construction Cost Estimate:

\$190,000

Soft Costs Estimates:

Field Survey

By Town

Borings (Actual)

\$3,150

Easement (Estimated)

\$1,400

Total cost estimate range (high value inc. 10% cont.)

\$194,550 – \$214,005

Number of properties serviced

10

Approximate Assessment per property: (*)

Gravity Connections:

\$20,696 to \$22,766

Pumped Connections:

\$17,592 to \$19,351

(*) Note that the AWPCA typically provides a 15% assessment relief for residents that require a sewer pump to connect to a gravity sewer main. This cost savings is accommodated by the residents within the same project area that can connect to the sewer by gravity

Other Costs

Other costs incurred at time of connection (*):

Connection Charge (1 or 2 bedrooms = \$3,400; 3 or 4 bedrooms=\$4,000; over 4 bedrooms= \$4,600)	\$4,000 (average)
Connection Cost (to contractor hired by homeowner)	Varies(**)
Annual Sewer Use Fee (cost is dependent on several factors such as water use)	\$515/yr (***)
Sewer permit fee	\$50

(*) Note: These costs occur at the time of connection from house to Town sewer and are the current fees, subject to AWPCA revision

() The cost to connect the lateral stub to each residence varies depending on several factors including length, depth, impediments such as trees and rock, landscaping, and restoration requirements**

(*) The annual sewer use fee is based partially on water usage and subject to annual rate set by AWPCA**

NOTE: Residents are not required to connect just because there is sewer available

Potential Project Schedule

IF THE PROJECT IS APPROVED BY AWPCA – THIS IS A POTENTIAL PROJECT SCHEDULE

- | | | |
|---|--|----------------------|
| ○ | Complete Design and Specifications for Bidding | November 2022 |
| ○ | Bid the Construction | January 2023 |
| ○ | Review Bids, Conduct Public Hearing | March 2023 |
| ○ | Assuming Project is Acceptable, Award to Contractor | April 2023 |
| ○ | Construction Start | May 2023 |
| ○ | Construction Completed | July 2023 |
| ○ | Final Pavement Restoration | Spring 2024 |

Frequently Asked Questions

Q: If the sewer is installed, am I required to connect?

A: Whereas the AWPCA regulations have certain stipulations concerning this, unless the FVHD district requires connection due to failure, you will not be required to connect

Q: If I decide to connect what will my costs be?

A: Connection charge = \$4,000, Permit Fee = \$50, Hire a licensed contractor to connect from lateral stub to the home = variable

Q: How will the Town determine where to locate my lateral connection?

A: Assuming the project is endorsed for the next phase by the AWPCA, Town staff will attempt to meet with every property owner after this meeting. The purpose of the meeting will be to discuss lateral route options so we can locate the lateral on the design plans

Q: What is the next step?

A: The AWPCA has to decide whether to construct the project. If they decide to construct, Engineering will send out a letter to all project residents requesting they contact the Engineering Department to set up a time to meet to talk about specific lateral stub locations. Concurrently, the recommendation will go to Town Council for award, and ultimately construction begins.

Frequently Asked Questions

Q: What is a typical assessment amount?

A: There is no “typical” – each project has its own costs and unique variables. A couple of

examples: Verville Road sewer – 2008 – approximately \$8,000 per property

Deepwood Drive – 2010 – approximately \$12,000 per property

School Street Low Pressure Sewer – 2018 - \$11,241 per property

Winding Lane – 2019 – approximately \$17,670 per property

Q: When will assessments be levied?

A: At the completion of all construction and related activities, AWPCA will conduct another public hearing – likely Fall 2023

Questions?