

Durham Meadows Construct Waterline

Preconstruction and Full-Services
Meeting

March 25, 2021

Agenda

- Introductions/Opening Comments
- Work Accomplished To Date
- General Schedule Overview
- Two Week Look Ahead
- Job Changes
- Full-Service Installation
- Closing Comment/Questions

Introductions

- EPA
 - Ed Hathaway, Project Manager - (617) 918-1372
- USACE
 - Steve Dunbar, Project Manager – (978) 505-9013
 - CPT Lisa Belisle, Project Engineer – (413) 800-5523
 - Kurt Mintell, QA – (413) 800-5219
 - Joe Currier, QA – (413) 272-8493
- Ludlow Construction Company
 - Mike Pio, Project Manager
 - TBA, Public Relations/Project Coordinator
 - Billy DeCruz, Superintendent
 - Robert Peddicord, SSHO
 - Jerry Brandon, QCM

Work Accomplished To Date

- All main waterline installed expect for Maiden Lane Stream Crossing (to be completed June 2021)
- 49 fire hydrants installed.
- All planned curb stops installed.
- Permanent trench pavement on Main Street (Rte. 17) and Wallingford Road complete.
- Water tank constructed.
- Pressure Reducing Valve Vault installed.

Water Line Project (30,202 feet total to install)

Start Date: September 8, 2019

Installed		Pressure tested and disinfected	
Feet	%	Feet	%
29,430	98	14,521	48

Curb Stops (204 total)

Start Date: May 11, 2020

Installed		Pressure tested and disinfected	
Number	%	Number	%
204	100	204	100

Full Service Connections (119 total in Durham)

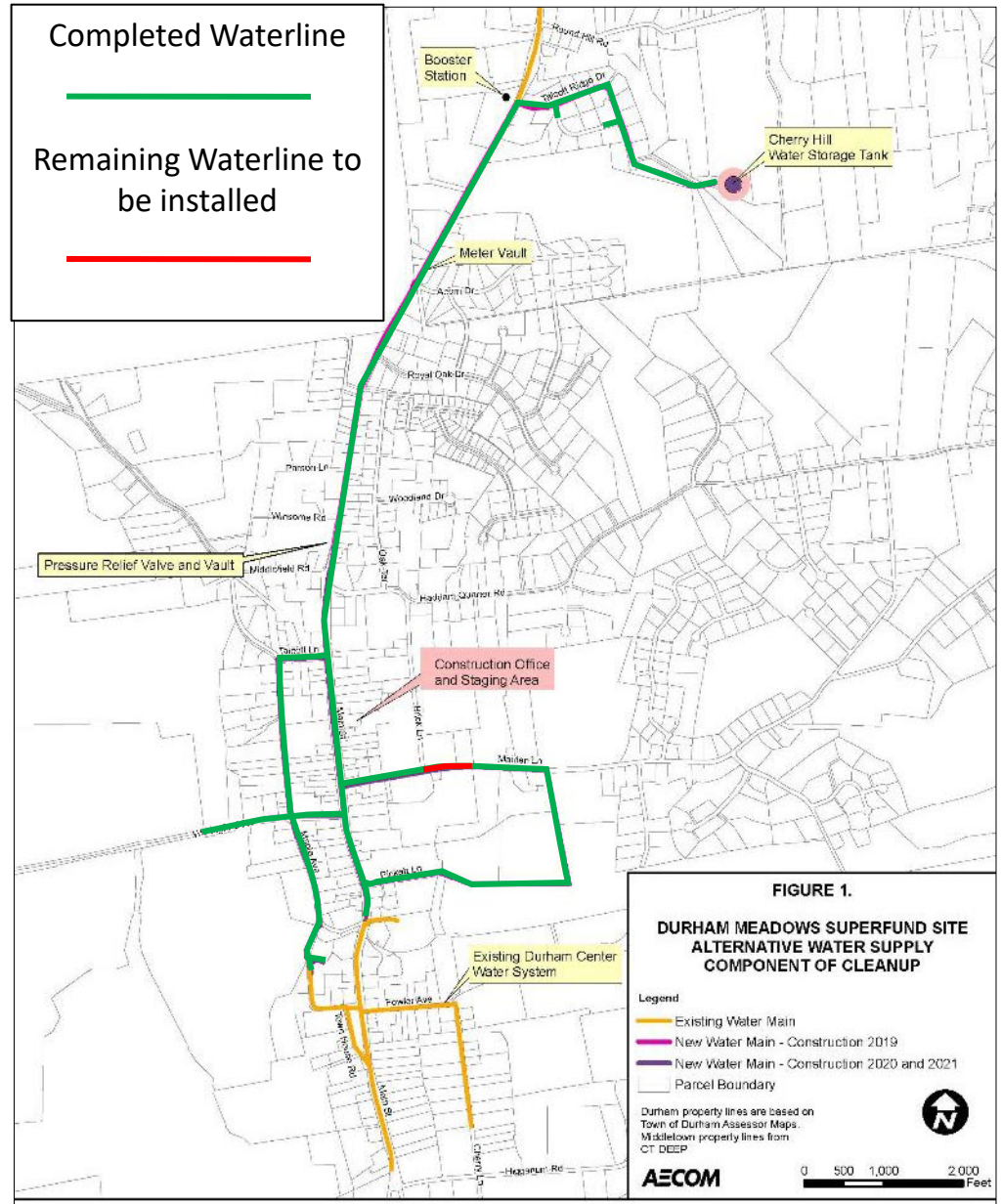
Start Date: May 2022

Installed		Pressure tested and disinfected	
Number	%	Number	%
1	>1	1	>1

Wells (128 total)

Start Date: TBD

Abandoned		Converted to Monitoring Well	
Number	%	Number	%
0/125	0	0/3	



General Schedule Overview

- Long Hill Pump Station – Summer 2021
- Altitude Valve Vault – April/May 2021
- Booster Pump Station – April/May/June 2021
- Water Meter Vault – May/June 2021
- Tank Painting – May 2021
- Water Service Connections – May/November 2021
- Maiden Lane Stream Crossing – June 2021
- Well Abandonment – Fall 2021
- Pavement Overlay – TBD
- Permanent Trench Pavement:
 - Route 17/Haddam Quarter: April 2021
 - Gas line into the Booster Station: July 2021
 - Talcott Ridge Drive: July 2021

*Paving on State Roads

*Survey of Maiden Lane Stream Crossing during April

April 2021

5	6	7	8	9
Ludlow Remobilize	Altitude Valve Vault			
	Chlorinate and Flush Water Main Line (South Talcott Lane)			
12	13	14	15	16
Altitude Valve Vault				
Chlorinate and Flush Water Main Line (South Talcott Lane)				
19	20	21	22	23
Altitude Valve Vault				
Chlorinate and Flush Water Main Line (South Talcott Lane)				
26	27	28	29	30
Altitude Valve Vault				
Booster Pump Station				
Chlorinate and Flush Water Main Line (South Talcott Lane)				

May 2021

3	4	5	6	7
Altitude Valve Vault				
Booster Pump Station				
Chlorinate and Flush Water Main Line (South Talcott Lane)				
10	11	12	13	14
Booster Pump Station				
DN Tank Remobilize (T)				
17	18	19	20	21
Booster Pump Station				
Water Meter Building				
24	25	26	27	28
Booster Pump Station				
Water Meter Building				
Full-Service Installation (Maple Ave South of Rt. 68)				

June 2021

31	1	2	3	4
Water Meter Building				
Full-Service Installation (Maple Ave South of Rt. 68)				
Booster Pump Station				
7	8	9	10	11
Water Meter Building				
Full-Service Installation (Wallingford Ave)				
14	15	16	17	18
Water Meter Building				
Maiden Lane Stream Crossing				
21	22	23	24	25
Full-Service Installation (Route 17 starting at Old Cemetery Road)				
Water Meter Building				

July 2021

28	29	30	1	2
Full-Service Installation (Route 17 starting at Old Cemetery Road)				
5	6	7	8	9
Full-Service Installation (Route 17 starting at Old Cemetery Road)				
10	11	12	13	14
Full-Service Installation (Route 17 starting at Old Cemetery Road)				
17	18	19	20	21
Full-Service Installation (Route 17 starting at Old Cemetery Road)				

Two Week Look Ahead

- April 5, 2021 to April 9, 2021
 - Mobilization to project site on April 5, 2021
 - Crew starts earthwork at Altitude Valve Vault
 - Chlorination and Flushing of the 16" DIP South of Talcott Lane on Route 17
- April 12, 2021 to April 16, 2021
 - Crew continues earthwork at Altitude Valve Vault
 - Chlorination and Flushing of the 16" DIP South of Talcott Lane on Route 17

Job Changes

- JC00017 – Tank Access Road Revisions
- JC00033 – Pickett Lane Road Reconstruction
- JC00037 – Backflow Preventer
- JC00039 – Long Hill Pump Station Revisions
- JC00041 – Non-billing Meters for Multifamily Homes
- JC00041 – Pressure Reducing Valves for Residential Homes
- Mill and Overlay for State and Town Roads

Completed Job Changes

- JC00038 – Bituminous Concrete Sidewalk around PRV Vault
- JC00044 – Revised Water Service Connection Sequence

Questions?

Transitions into
Full-Service Installation Brief

Full-Service Installation

- The existing Durham Center Water Service will be used to supply water for the initial full service connections until the water tank is in full service.
- The Durham Center Water Service is supplied by the Fairground Wells located at the White Farm property.
- AECOM evaluated the use of the Fairground Wells to initiate the water service and the use of these wells should not impact the extent of groundwater contamination.
- The total water demand cannot exceed 50,000 gpd during the initial connections prior to the water tank being in service.
- EPA will be testing the Durham Center Water Service water quality monthly at the pump station at the Durham Fairgrounds.

Full Service Connection – Fairground Wells

Areas that may be connected prior to the water tank being on-line shown in purple

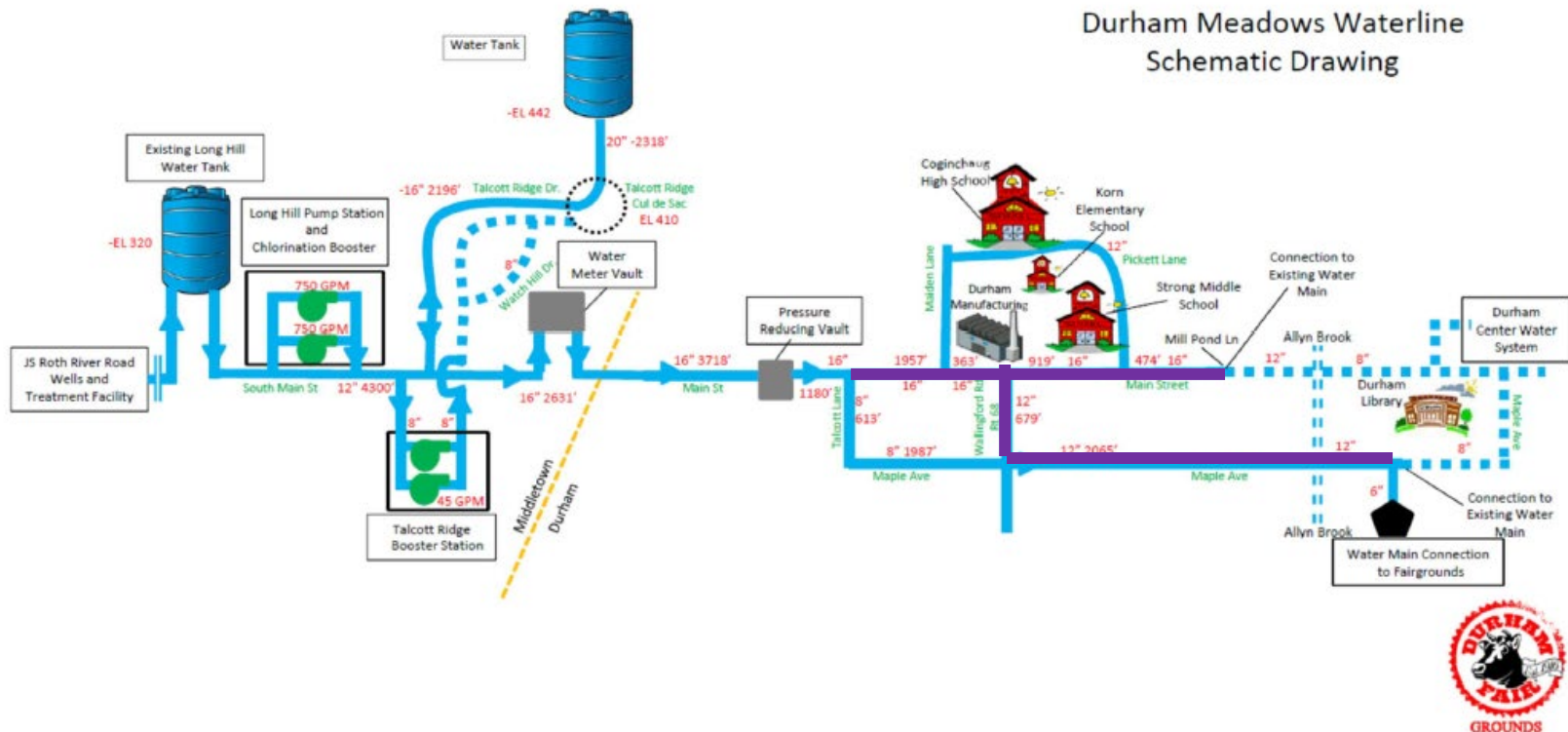


Figure 2. Durham Waterline System Components

Full-Service Installation

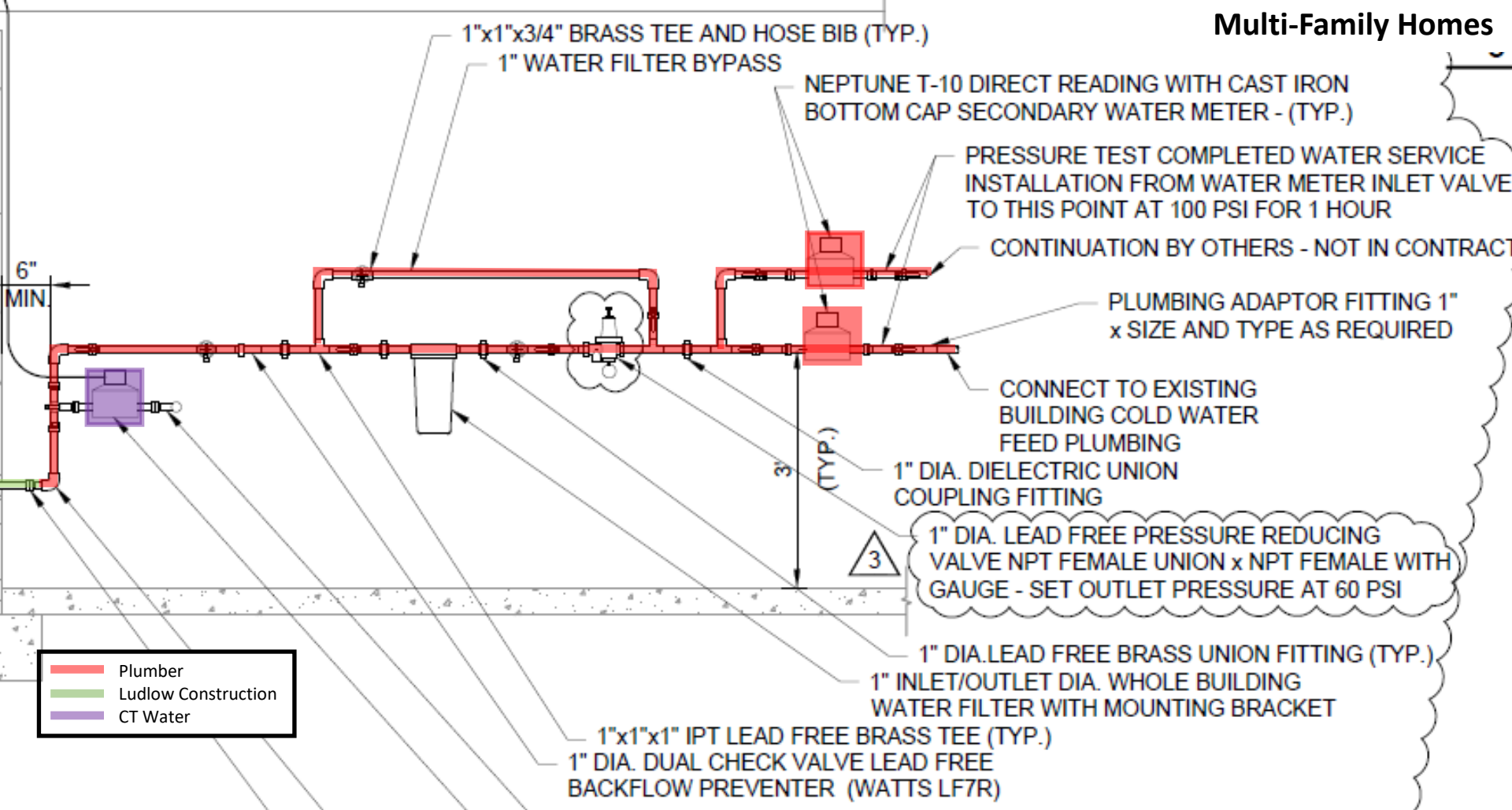
Water service connections are expected to begin at the southern end of Route 17, near Old Cemetery Road in mid-late May 2021.

14 days before scheduled connection, the Project Liaison will schedule a walk-through and appointment time for the connection.

Personnel expected to be present at installation:

- Fazzino Plumbing and Heating, LLC - Guy Fazzino
- USACE – Kurt Mintell/Joe Currier/CPT Lisa Belisle
- Ludlow Construction – Jerry Brandon/Rob Peddicord
- AECOM – Joel Meunier

Multi-Family Homes



1. Copper pipe will be drilled into foundation by a Ludlow Construction crew.
2. Plumber will install plumbing starting at the copper pipe entrance into the foundation.
3. CT Water will install the water meter.
4. Plumber will complete the final tie into the existing system.
5. A Ludlow Construction crew member will turn on the curb stop to allow water into the residence.
6. Ludlow Construction and the plumber will check for any leaks.
7. The existing equipment will be removed.
8. At a later date, Ludlow Construction and a Subcontractor will abandon the existing well.

Review Tracker

Team Info

- EPA
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Closing Comments