

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 13, 2020
Location:	Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	178
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours: partly sunny. Winds variable 0-11 mph.
 Temperature (°F): High 61°F Low 46F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	1	x	8
				Safety Officer	1	x	8
				Foreman	0	x	8
				Dump truck Operator	0	x	8
				Excavator Operator	0	x	8
				Skid Steer/ Bucket Loader	0	x	8
				Laborers	0	X	8
				Note that some persons			
DN Tanks				Multiple pieces equipment.			
Superintendent	1	x	8				
Laborers	5	x	8	Sub-contractor	2	X	8
				Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

DN Tanks worked on the interior of the water tank patching holes where knee braces were bolted to the water tank base and performing general housekeeping.

Ludlow installed a water meter, water filter, and backflow device as part of connecting the residence at 13 Maple Avenue, Durham to the public water supply.

Compaction Testing

Soil compaction testing was not performed today. Compaction test data for the project can be found here:

<https://www.nae.usace.army.mil/Portals/74/docs/Topics/DurhamMeadowsWaterline/CompactionTests/>

In addition, soil compaction data is presented in the Contractor Daily Quality Control Reports located here:

Res. Representative:

J. Meunier

Date: 10/13/20

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<https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/>

Daily Activities – Water tank construction, Shared Access Driveway, Middletown

DN Tanks worked on the interior of the water tank patching holes where knee braces were bolted to the water tank base and performing general housekeeping.

0723: DN Tanks applied shotcrete to the exterior of the water tank yesterday. A large patch of exposed prestressed wire on the southwest side of the tank was left exposed because DN Tanks ran out of shotcrete yesterday while it was being applied. Concrete was poured into the C.I.P. cove form yesterday evening as well.

1017: DN Tanks is plugging holes in the water tank floor from where knee braces were bolted in.

1055: DN tanks continues to plug holes in the water tank floor and perform general housekeeping inside the tank. They have also removed the concrete form from the C.I.P. cove.

1305: DN tanks continues to plug holes in the water tank floor and perform general housekeeping inside the tank. They have also removed the concrete form from the C.I.P. cove.

Daily Activities – Water service connection, Maple Avenue, Durham

Ludlow installed a water meter, water filter, and backflow device as part of connecting the residence at 13 Maple Avenue, Durham to the public water supply.

0736: Ludlow and its plumbing subcontractor Fazzino are currently waiting for Connecticut Water to drop off a water meter for the residence at 13 Maple Avenue, Durham.

0805: The USACE and Ludlow hold a prework meeting with Fazzino. Fazzino will install a Watts Series LF7R backflow preventer, which is different than what is called for in the specifications. The AECOM and USACE representatives confirmed with Rich Berlandy of AECOM that this change of backflow preventors is acceptable.

0825: The AECOM and USACE representatives and Fazzino meet with one of the homeowners at 13 Maple Avenue, Durham. At the request of the homeowner, the incoming water service will be directed into the existing water treatment system that was recently purchased by the homeowners. The irrigation feed will not be routed through the filtration system that Fazzino will be installing.

0946: Fazzino is currently locating a Watts Series LF7R backflow preventer to replace the backflow preventer called for in the specifications.

1109: Ludlow informs AECOM and the USACE that Connecticut Water will be dropping off a water meter to 13 Maple Avenue, Durham. This is a newer style meter that has the antenna integrated into the meter.

1130: Connecticut Water has dropped off a water meter to 13 Maple Avenue, Durham.

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1146: Fazzino continues with the installation of water service in the basement of 13 Maple Avenue, Durham, using a combination of copper pipe and PEX tubing.

1232: Fazzino continues with the installation of water service in the basement of 13 Maple Avenue, Durham, where they are currently preparing to install the water meter.

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Picture 1: Prestressed wire on the southwest side of the tank was left exposed because DN Tanks ran out of shotcrete yesterday while it was being applied. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the east.

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Picture 2: C.I.P cove with the concrete forms removed on the interior of the water tank. Water tank work zone located to the east of the Shared Access Driveway, Middletown.

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Picture 3: Water treatment system owned by the residents of 13 Maple Avenue, Durham. The water service brought into the house today by the Ludlow plumbing contractor was connected to this system at the request of the residents.

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Picture 4: Water service line previously brought into the basement of the residence located at 13 Maple Avenue, Durham. View to the southeast.

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Picture 5: Fazzino working on connecting the residence at 13 Maple Avenue to the public water supply. View to the southwest.

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Picture 6: Copper pipe and PEX tubing used in connecting the residence at 13 Maple Avenue, Durham to the public water supply.

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Picture 7: Watts Series LF7R backflow preventer that was used by Fazzino as they connected the residence at 13 Maple Avenue, Durham, to the public water supply.

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Picture 8: Plumbing associated with the connection of 13 Maple Avenue, Durham, to the public water supply. View to the southwest.

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Picture 9: Water meter, backflow preventer and filter installed at 13 Maple Avenue, Durham.