

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	November 24, 2021
<b>Location:</b>	Talcott Lane, Durham; S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Wednesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	370
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 12

### Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-12 mph.  
 Temperature (°F): High 43°F Low 25°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	2	x	8	Superintendent	1	X	8
				Safety Officer	1	X	8
				Foreman	1	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
				Skid Steer/Bucket Loader	1	X	8
Fazzino Plumbing	0	X	8	Laborers	4	X	8
United Concrete	0	X	8	Note that some persons operate			
Keltic Painting	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
CT Traffic Control	0	x	8	Sub-contractor	0	X	8
A&R Electrical	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

### Pipe Connections, Installations, and Other Work

Ludlow performed earth work at the water tank work zone located at the Shared Access Driveway in Middletown and at the booster station located at Station 750+63 on S. Main Street in Middletown. Ludlow installed a 1" copper water service line at the 25 Talcott Lane, Durham, property.

### Daily Activities – Earth work, water tank work zone, Shared Access Driveway, Middletown

Ludlow performed earth work at the water tank work zone located at the Shared Access Driveway in Middletown.

0702: Ludlow has returned to the water tank work zone where they resume the placement of loam on top of compacted gravel that was placed yesterday on the north side of the Shared Access Driveway in Middletown between Stations 10+50 and 11+75. Ludlow is also placing grass seed on the loam they are placing.

0739: Ludlow continued to place loam and grass seed on top of compacted gravel on the north side of the Shared Access Driveway in Middletown between Stations 10+50 and 11+75.

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### Daily Activities – Earth work, booster station, S. Main Street, Middletown

Ludlow performed earth work at the booster station located at Station 750+63 water on S. Main Street, Middletown.

0803: Ludlow has mobilized to the booster station to remove several stumps and brush on the periphery of the work zone in preparation for the chain link fence installation.

0819: Ludlow is using an excavator to clear brush and stumps on the west side of the booster station. Ludlow is also cutting brush to the southeast of the booster station.

0840: Ludlow is on the north side of the booster station work zone removing stumps and brush, working eastwards.

0843: The main hydraulic line blows on the large excavator that Ludlow is using to excavate stumps on the north side of the booster station. Ludlow contains the release immediately with a bucket and sorbent pads.

0916: Ludlow demobilizes from the booster station and heads to 25 Talcott Lane where they will install a 1" copper water service line.

1310: Ludlow has mobilized back to the booster station to resume the removal of brush and stumps from the periphery of the work zone.

1329: Ludlow is excavating brush to the southeast of the booster station with an excavator.

1351: Ludlow continues to excavate brush from these south side of the booster station work zone.

### Daily Activities – Installation of water lines, Main Street, Durham

Ludlow installed a 1" copper water service line at the 25 Talcott Lane, Durham, property.

0937: Ludlow is excavating on the south side of the 25 Talcott Lane residence to daylight the field stone foundation of the residence.

1018: Ludlow continues to excavate a trench at the 25 Talcott Lane property, moving south towards the curb stop.

1046: Ludlow has connected a section of 1" copper pipe to the curb stop for the 25 Talcott Lane property. The depth of the trench next to the home's foundation is 5.5' BSG. Ludlow penetrated the field stone foundation with a rotary hammer. The penetration point is 8.5' west of the residence's southeast corner.

1118: Ludlow has passed the 1" copper water service line through the southern foundation of the 25 Talcott Lane residence and has secured it in place on both sides of the foundation with non-shrink grout.

1126: Ludlow begins to place sand under and above the 1" copper water service line they just ran from the curb stop to the foundation of the 25 Talcott Lane residence.

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# AECOM

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1154: Ludlow has placed 12" of sand and caution tape over the copper water service line they installed at 25 Talcott Lane residence. Ludlow has begun to place native fill in 1' lifts over the sand and caution tape and is compacting between lifts with a jumping jack.

1212: Ludlow continues to place native fill in 1' lifts as they backfill the trench they excavated for the installation of a 1" copper water service line at 25 Talcott Lane in Durham.

1242: Ludlow is spreading loam on those portions of the property at 25 Talcott Lane that were disturbed during the installation of the 1" copper water service line they just installed.

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**Picture 1: Ludlow placing loam on top of the 1.25"-minus gravel they placed and compacted yesterday on the north side of the water tank located east of the Shared Access Driveway in Middletown. View to the east.**



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Picture 2: Ludlow placing grass seed on top of the loam they placed between Stations 10+50 and 11+75 on the north side of the Shared Access Driveway in Middletown. View to the west.

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**Picture 3: Ludlow excavating brush and tree stumps at the northwest corner of the booster station work zone located at Station 750+63 in Middletown. View to the west.**

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Picture 4: Ludlow excavating a trench on the south side of the 25 Talcott Lane residence for the installation of a 1" copper water service line. View to the northwest.

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Picture 5: 1" copper water service line that Ludlow installed through the southern foundation of the 25 Talcott Lane residence. View to the south.

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Picture 6: Ludlow placing sand over the 1” copper water service line they just installed at the 25 Talcott Lane property. View to the northwest.

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**Picture 7: Ludlow raking out loam that was placed to restore those areas of the 25 Talcott Lane property that were disturbed during the installation of a 1" copper water service line. View to the east.**

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**Picture 8: Ludlow excavating a tree stump from the north side of the booster station work zone located at Station 750+63 in Middletown. View to the southeast.**

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**Picture 9: Ludlow excavating brush at the southeast corner of the booster station work zone located at Station 750+63 in Middletown. View to the northwest.**

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