

# AECOM

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	December 8, 2021
<b>Location:</b>	Main Street, Maiden Lane, and Pickett Lane, Durham; S. Main Street, Middletown	<b>Day of Week:</b>	Wednesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	378
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 15

### Weather Conditions

Conditions: Daylight hours: Cloudy/snow. Winds variable 0-6 mph.  
 Temperature (°F): High 36°F Low 30°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
Eagle Fence	0	X	8	Skid Steer/ Bucket Loader	1	X	8
Fazzino Plumbing	1	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	1	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 installed a 1" copper water service line at the residences located at 123 and 93R Maiden Lane in Durham. Ludlow flushed 8" DIP waterlines near the booster station in Middletown. Ludlow removed silt fencing from the Maiden Lane stream crossing and cut down several curb stop blowoff pipes. Fazzino Plumbing replaced brass tees that were part of the final water service components that were previously installed at the residences located at 120, 174, 228, 228R, 236, 242, 256, 257, and 265 Main Street, Durham.

### Daily Activities – Installation of water lines, Maiden Lane, Durham

Ludlow installed a 1" copper water service line at the residences located at 123 and 93R Maiden Lane in Durham.

0711: Ludlow is setting up at 123 Maiden Lane to begin the installation of a 1" copper water service line.

0719: Ludlow has begun to excavate on the east side of the 123 Maiden Lane residence where they are daylighting the fieldstone foundation.

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0753: Ludlow is excavating a trench in a northward direction towards Maiden Lane and the curb stop associated with the 123 Maiden Lane residence.

0832: Ludlow begins to backfill over the 1" copper water service line they just installed at the 123 Maiden Lane property. Ludlow has also repaired a 4" perforated PVC drain pipe on the east side of the home's foundation with a new piece of perforated PVC and two Fernco boots. Ludlow has also used non-shrink grout to secure the 1" copper water service line where it penetrates the field stone foundation of the residence.

0908: Ludlow continues to place and compact native fill over the sand and caution tape they placed over the 1" copper water service line at the 123 Maiden Lane property. The fill is being placed in 1' lifts and is being compacted with a jumping jack.

0959: Ludlow has finished backfilling the trench they excavated at the 123 Maiden Lane property during the installation of a 1" copper water service line. Ludlow is preparing to place loam on those portions of the lawn that were disturbed during the service line installation.

1021: Ludlow begins to place and grade loam on those portions of the 123 Maiden Lane property that were disturbed during the installation of a 1" copper water service line.

1108: Ludlow has finished raking out loam and spreading grass seed on the portions of the 123 Maiden Lane property that were disturbed during the installation of a 1" copper water service line.

1122: Ludlow has staged on Pickett Lane, Durham, and has begun to excavate on the west side of the 93R Maiden Lane property for the installation of a 1" copper water service line.

1149: Ludlow continues to excavate on the west side of the 93R Maiden Lane property for the installation of a 1" copper water service line. A small amount of water is present in the bottom of the trench.

1239: Ludlow continues installing a 1" copper water service line at the 93R Maiden Lane property.

1306: Ludlow has begun to backfill over the 1" copper water service line they are installing at the 93R Maiden Lane property.

1338: Ludlow continues to place sand and caution tape over the 1" copper water service line they are installing at the 93R Maiden Lane property.

1401: Ludlow has penetrated the poured-concrete foundation of 93R Maiden Lane residence with a rotary hammer and is currently inserting the 1" copper water service line through the hole. The penetration is located 48' below the surface grade and 20' north of the residence's southeast corner.

1437: Ludlow has finished backfilling the trench at 93R Maiden Lane after installing a 1" copper water service line. Ludlow is currently performing some rough grading over the trench footprint and will return tomorrow to restore the yard with loam and grass seed.

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### Daily Activities – Purging of waterlines, S. Main Street, Middletown

Ludlow flushed 8" DIP waterlines near the booster station in Middletown.

0744: Ludlow is working at the booster station flushing the 8" DIP water lines. The water is being flushed out of one of the hydrants at the booster station (the one located furthest west) and is being discharged into a catch basin located immediately north of the booster station driveway on the west side of Route 17.

0914: Ludlow continues to purge the 8" DIP water lines located on the east side of the booster station. One of the lines being flushed is the 8" DIP water line that Ludlow installed previously on Talcott Ridge Drive.

0941: Ludlow continues to flush the 8" DIP water lines located on the east side of the booster station.

1209: Ludlow continues to flush the 8" DIP water lines located on the east side of the booster station.

1415: Ludlow continues to flush the 8" DIP water lines located on the east side of the booster station.

### Daily Activities – Replacement of brass tees, Durham

Fazzino Plumbing replaced brass tees that were part of the final water service components that were previously installed at the residences located at 120, 174, 228, 228R, 236, 242, 256, 257, and 265 Main Street, Durham.

0750: Fazzino Plumbing mobilizing to the 174 Main Street, Durham, property to replace they three brass tees that were part of the water service components that Fazzino previously installed.

0851: Fazzino plumbing continues to work on replacing the brass tees of the water system components they previously installed at the 174 Main Street residence.

0930: Fazzino plumbing continues to work on replacing the brass tees of the water system components they previously installed at the 174 Main Street residence.

1026: Fazzino plumbing continues to work on replacing the brass tees of the water system components they previously installed at the 265 Main Street, Durham, residence.

1039: Fazzino Plumbing is finishing up changing out tees at the 265 Main Street residence.

1051: Fazzino Plumbing mobilizes to the 257 Main Street, Durham, residence in order to change out the brass tees of the water system components they previously installed at the residence.

### Daily Activities – Miscellaneous activities, Durham

Ludlow removed silt fencing from the Maiden Lane stream crossing and cut down several curb stop blowoff pipes.

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1006: Ludlow is cutting down the blowoff lines (the blue 1" lines attached to the curb stops where a service line hasn't been connected a residence or other structure) below surface grade for several properties on Main Street and Maiden Lane. Ludlow is attaching a sharkbite cap fitting to the cut blowoff pipe to prevent soil from getting into the pipe.

1200: Ludlow is removing the silt fence they previously placed on either side of Ball Brook on the north side of Maiden Lane during the installation of the water line on Maiden Lane.

1301: Ludlow continues removing the silt fence they previously placed on either side of Ball Brook on the north side of Maiden Lane during the Maiden Lane stream crossing.

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**Picture 1: Ludlow excavating a trench for the installation of a 1" copper water service line on the east side of the 123 Maiden Lane residence. View to the southwest.**

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**Picture 2: Fazzino Plumbing replacing brass tees that were part of the final water service components that were previously installed at the 174 Main Street residence.**

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Picture 3: Ludlow compacting native fill in the trench they are backfilling at the 123 Maiden Lane property after the installation of a 1" copper water service line. View to the east.

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Picture 4: Ludlow has also repaired a 4" perforated PVC drain pipe on the east side of the 123 Maiden Lane residence's foundation with a new piece of perforated PVC and two Fernco boots. View to the west.



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**Picture 5: Ludlow purging the 8" DIP waterlines located on the east side of the booster station. The purged water is being directed into a storm drain located on the north side of the booster station driveway. View to the northeast.**

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**Picture 6: Fazzino Plumbing replacing brass tees that were part of the final water service components that were previously installed at the 265 Main Street residence.**

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Picture 7: Ludlow beginning to excavate on the west side of the curb stop of the 93R Maiden Lane residence for the installation of a 1" copper water service line. View to the southwest.

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**Picture 8: Ludlow removing the silt fence they previously placed on either side of Ball Brook on the north side of Maiden Lane during the Maiden Lane stream crossing.**

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**Picture 9: Ludlow backfilling over the of the 1” copper water service line that they are installing at the 93R Maiden Lane residence. View to the southwest.**

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**Picture 10: Ludlow inserting 1" copper water service line through a hole they drilled on the east side of the foundation for the 93R Maiden Lane residence. View to the west.**

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Picture 11: Ludlow grading fill they placed over the 1" copper water service line they installed at the 93R Maiden Lane property. View to the southwest.

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