

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 21, 2022
Location:	Maiden Lane and Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	535
Contractor:	Ludlow Construction	Page:	1 of 17

Weather Conditions			
Conditions:	Daylight hours: Sunny. Wind variable 0-1 mph.		
Temperature (°F):	High 64°F	Low	36°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	0	X	8
				Safety Officer	1	X	8
United Concrete	0	X	8	Foreman	1	X	8
West State Mechanical	0	X	8	Dump truck Operator	1	X	8
JTC	0	X	8	Excavator Operator	1	X	8
Grela Well Drilling	0	X	8	Skid Steer/Bucket Loader	1	X	8
Fazzino Plumbing	0	X	8	Laborers	3	X	8
United Concrete	0	X	8	Note that some persons operate			
Knapp Engineering	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
Geophysical Applications	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 installed an 8" gate valve on the north side of the Booster Station located on S. Main Street in Middletown, installed a 1" copper water service line from the curb stop through the foundation of the 11 Maiden Lane, Durham, residence, covered the open excavation on southwest corner of the 24 Maiden Lane residence with poly sheeting, and performed general housekeeping activities at the 281 Main Street, Durham, property. Rain-for-Rent removed the frak tank from the 281 Main Street, Durham, property.

Daily Activities – Installation of copper water service line, 11 Maiden Lane, Durham

Ludlow installed a 1" copper water service line from the curb stop through the foundation of the 11 Maiden Lane, Durham, residence.

1119: Ludlow has begun to excavate on the north side of the 11 Maiden Lane, Durham, property where they are going to install a 1" copper water line from the property's curb stop to the inside of the home's basement.

1139: Ludlow continues to excavate on the north side of the 11 Maiden Lane property where they are going to install a 1" copper water line from the property's curb stop to the inside of the home's basement.

Res. Representative:	J. Meunier	Date:	10/21/22
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1211: Ludlow has finished installing a 1" copper water service line between the 11 Maiden Lane curb stop and the inside of the home's basement. Ludlow is currently securing the pipe in place with hydraulic cement.

1221: Ludlow is placing sand above and below the 1" copper water service line they installed at the 11 Maiden Lane property.

1313: Ludlow has finished backfilling the trench they excavated during the installation of a 1" copper water service line at the 11 Middle Lane property. Ludlow is currently placing loam and grass seed on those areas that were disturbed by the excavation.

1340: Ludlow has finished work at the 11 Maiden Lane property and departs.

Daily Activities – Installation of an 8" gate valve, Booster Station, S. Main Street, Middletown

Ludlow installed an 8" gate valve on the north side of the Booster Station located on S. Main Street in Middletown.

0704: Ludlow has mobilized to the Booster Station located on S. Main Street, Middletown.

0739: Ludlow is excavating on the north side of the Booster Station as they prepare to install an 8" gate valve. A small amount of water has appeared below the invert of the 8" DIP line that they daylighted during excavation activities. Ludlow has set a pump into the excavation and has the discharge line set up to discharge the groundwater to the south side of the Booster Station.

0804: Ludlow has finished daylighting the 8" DIP located on the north side of the Booster Station. Ludlow is currently pumping groundwater out of the excavation and discharging it on the south side of the booster Station. Ludlow has placed ¾" stone below the DIP to help water flow to the pump.

0821: Ludlow begins cutting out a section of the 8" DIP that they daylighted on the north side of the Booster Station as they continue to work towards installing an 8" DIP gate valve.

0836: Ludlow has finished removing a section of the 8" DIP that they daylighted on the north side of the Booster Station.

0839: Ludlow begins to install an 8" gate valve on the north side of the Booster Station. Ludlow uses a straight 8" DIP union to assist connecting the valve to the existing 8" DIP.

0909: Ludlow begins to place ¾" stone beneath, and on the sides of, the 8" gate valve they just installed on the north side of the Booster Station.

0912: Ludlow has placed 6" of ¾" stone below the 8" DIP they daylighted on the north side of the Booster Stations, and have placed additional ¾" gravel on the side of the DIP approximately 4" higher than the pipe's invert. Ludlow placed filter fabric on either side of the pipe on top of the stone.

0952: Ludlow is placing 1.25" processed gravel on top of the black geofabric they placed on top of the ¾" stone.

1009: Ludlow is using a jumping jack to compact the 1.25" processed gravel they placed over and around the 8" DIP valve they just installed on the north side of the Booster Station.

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AECOM

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1036: Ludlow is spreading loam and placing grass seed on the north side of the Booster Station after having backfilled over the 8" gate valve they installed. Ludlow is also dressing up north edge of the Booster Station driveway with loam and grass.

Daily Activities – Miscellaneous activities, Durham

- Rain for Rent removed the frak tank from the 281 Main Street, Durham, property.
- Ludlow covered the open excavation on southwest corner of the 24 Maiden Lane residence with poly sheeting.
- Ludlow performed general housekeeping activities at the 281 Main Street, Durham, property.

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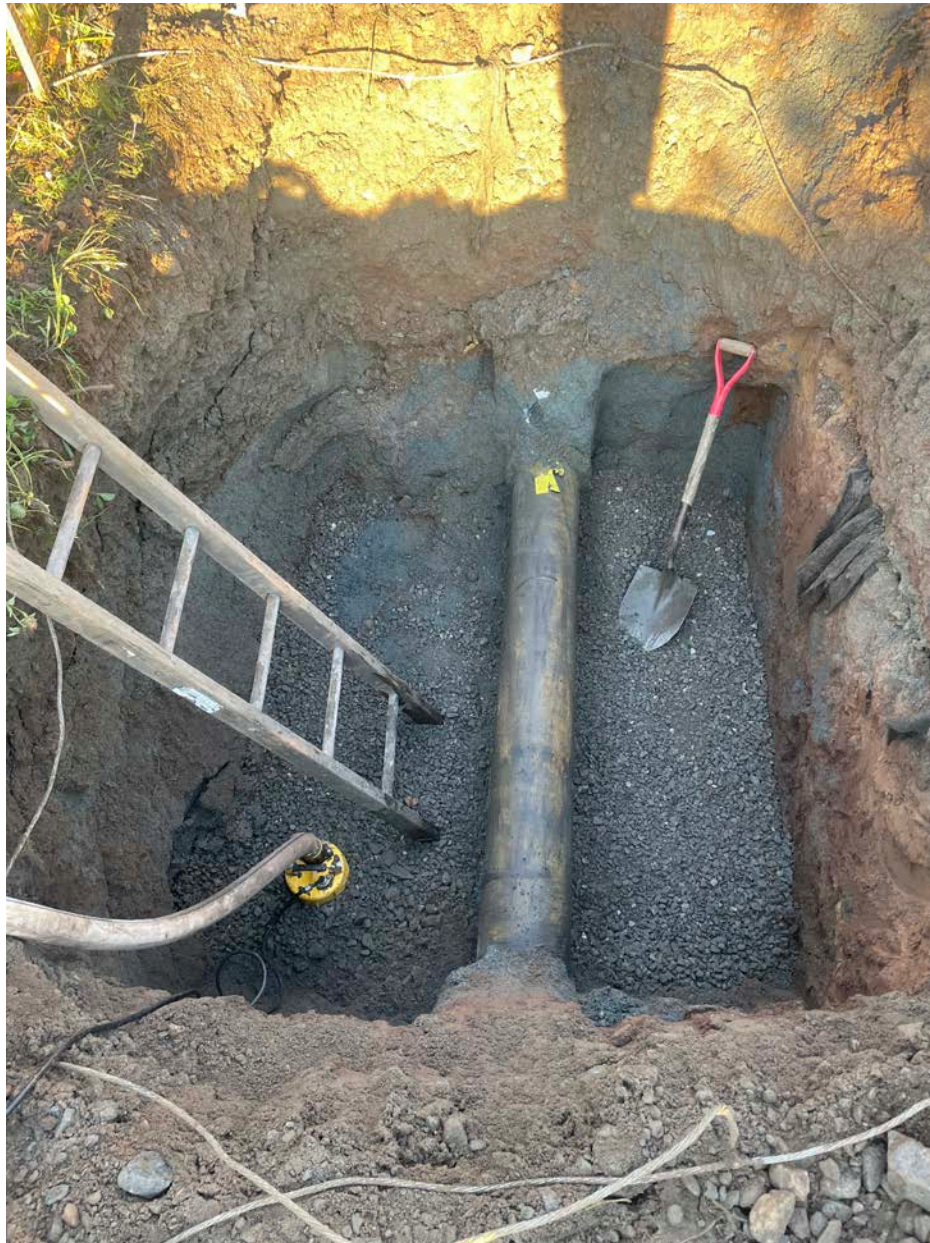
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Picture 1: Ludlow excavating on the north side of the Booster Station located on S. Main Street, Middletown, as they work to install an 8" DIP gate valve. View to the west.

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Picture 2: Section of 8" DIP that Ludlow daylighted on the north side of the Booster Station as they work to install an 8" DIP gate valve. View to the west.

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Picture 3: Ludlow placing additional ¾" stone under and on the sides of the 8" DIP gate valve they just installed on the north side of the Booster Station. View to the north.

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Picture 4: Filter fabric that Ludlow placed on the north and south sides of the 8" DIP gate valve they just installed on the north side of the Booster Station. View to the north.

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Picture 5: Sand and caution tape that Ludlow placed over the filter fabric and 8" DIP gate valve that they just installed on the north side of the Booster Station. View to the north.

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Picture 6: Ludlow setting a road box in place over the 8" DIP gate valve that they just installed on the north side of the Booster Station. View to the northwest.

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Picture 7: Ludlow using a jumping jack to compact 1.25" processed gravel that they backfilled around the 8" DIP gate valve that they just installed on the north side of the Booster Station. View to the southwest.

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Picture 8: Ludlow placing loam and grass seed on the north side of the Booster Station on those areas of lawn that were disturbed during the installation of an 8" gate valve. View to the north.

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Picture 9: Ludlow excavating on the north side of the 11 Maiden Lane, Durham, residence as they prepare to run a 1" copper water service line from the curb stop to the interior of the residence's basement. View to the west.

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Picture 10: Ludlow measuring where they will penetrate the north side of the field stone foundation of the 11 Maiden Lane residence with a 1" copper water service line. View to the south.

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Picture 11: Ludlow using hydraulic cement to secure the 1" copper water service line that they ran through the north side of the foundation of the 11 Maiden Lane residence. View to the south.

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Picture 12: Ludlow placing sand over and under the 1" copper water service line that they ran from the curb stop located on the north side of the 11 Maiden Lane residence into the basement of the home. View to the northwest.

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Picture 13: Ludlow placing loam and grass seed on those areas of the lawn at the 11 Maiden Lane property that were disturbed during the installation of a section of 1" copper water service line. View to the northwest.

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Picture 14: Ludlow covering the open excavation of the southwest corner of the 24 Maiden Lane, Durham, residence with poly sheeting for the weekend to allow the second coat of foundation coating they applied to the field stone foundation time to air out. View to the northwest.