

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	June 24, 2021
Location:	Main Street, Durham; the Shared Access Driveway, Middletown	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	271
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions			
Conditions:	Daylight hours: Sunny. Winds variable 0-8 mph.		
Temperature (°F):	High 75°F	Low	48°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	0	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer/Bucket Loader	1	x	8
				Laborers	3	X	8
JTC	0	x	8	Note that some persons			
United Concrete	0	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
Barnhart	0	x	8	Sub-contractor	2	X	8
DN Tanks	3	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors:	Brian Robillard, City of Middletown.
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Pipe Connections, Installations, and Other Work

Ludlow installed 1" copper water service lines at residences in Durham. DN Tanks continued to work on the water tank located east of the Shared Access Driveway in Middletown.

Errata

The daily report for June 21, 2021, reported that Ludlow installed a 1" copper water service line to the residence at 120 Main Street. The report should have stated that this service was installed at the 119 Main Street residence.

Daily Activities – Installation of service lines, Durham

Ludlow installed 1" copper water service lines at residences in Durham.

0710: Ludlow has mobilized to the residence at 188 Main Street in Durham to complete the installation of a 1" copper water service line.

0842: Ludlow continues to work on installing a 1" copper water service line at the 188 Main Street residence in Durham. They have excavated a trench from the house to the curb stop located approximately 80' east of the house. Ludlow is currently laying

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the 1" inch copper pipe inside of the trench. Penetration into the home's field stone foundation with the 1" copper line was performed yesterday.

1040: Ludlow is finishing backfilling the trench at the 188 Main Street residence for the installation of a 1" copper water service line.

1131: Ludlow is finishing up grading and seeding topsoil at the 188 Main Street residence. Ludlow is also mobilizing to 199 Main Street for the installation of 1" copper water service line

1200: Ludlow and the USACE representative discuss moving the penetration point for the installation of a 1" copper water service line, as a soil-filled crawl space was discovered to be in the path of the original penetration point on the interior side of the foundation. The alternate penetration point is located on the north side of the building's foundation 19" east of the foundation's northwest corner. The USACE representative notes that the USACE and Ludlow met with DMC last week and discussed the move. The USACE representative asks Ludlow to notifying DMC that the change in the location of the penetration point was made.

1302: Ludlow starts to excavate a trench for the installation of a 1" copper water service line at the 201 Main Street building. Ludlow is excavating on the south side of the building to make an entry point into the south side of the concrete foundation.

1317: Ludlow has just penetrated the north side of the foundation of 199 Main Street next to the northwest corner. The foundation is comprised of fieldstone.

1359: The penetration point on the south side of the foundation for 201 Main Street is 17' 5" from the southwest corner of the building. Ludlow is currently backfilling the trench after having connected a 1" copper water service line from the curb stop to the insertion point on the south side of the foundation. Ludlow places 1' of sand over the copper line before backfilling with the soil they excavated from the trench.

1429: Ludlow is finishing up backfilling the trench for the 201 Main Street water service line. Ludlow is also working to repair a 4" perforated PVC drain located at the northwest corner of 199 Main Street.

Daily Activities – Water tank work zone, Shared Access Driveway, Middletown

DN Tanks continues work on the water tank located east of the Shared Access Driveway in Middletown.

0749: DN Tanks has mobilized to the water tank work zone located east of the Shared Access Driveway in Middletown. DN Tanks is waiting for the delivery of some hardware to assist in the lifting of the last section of the inlet pipe located on the southwest side of the tank's interior.

0936: Ludlow, Ludlow's electrical subcontractor, and representatives from AECOM, the USACE, and the City of Middletown are performing a site walkover at the water tank work zone.

1145: DN Tanks is performing finish work on the interior walls of the water tank.

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Picture 1: Trench excavated for the Installation of a 1" copper water service line at the 188 Main Street residence. View to the west.

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Picture 2: Ludlow purging the curb stop at 188 Main Street, Durham, before attaching a 1" copper water service line to it. View to the northeast.

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Picture 3: Ludlow preparing to connect 1" copper water service line to the curb stop for 188 Main Street, Durham. View to the northeast.

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Picture 4: 1" copper water service line that has penetrated the south side of the foundation of the residence at 188 Main Street in Durham. View to the north.

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Picture 5: Ludlow pulling 1" copper water service line through the penetration that was made through the foundation of the 199 Main Street building on the north side (next to the northwest corner of the foundation). View to the north.

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Picture 6: View of the installation of a 1" copper water service line for the building at 199 Main Street, Durham. View to the southeast.

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Picture 7: Ludlow excavating for the installation of a 1" copper water service line on the south side of the 201 Main Street building. View to the northeast.

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Picture 8: Penetration point on the south side of the foundation for the building at 201 Main Street for the installation of a 1" copper water service line. View to the north.

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Picture 9: North-facing foundation of the building at 199 Main Street, Durham where Ludlow inserted a 1" copper water service line. View to the southwest.

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Picture 10: Ludlow laying out caution tape to place over 1" copper water service line that Ludlow installed for the building at 201 Main Street, Durham. View to the north.

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Picture 11: 1" copper water service line that has been fed through the penetration that was made on the south wall of the foundation for the 201 Main Street. View to the north.