

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 25, 2022
Location:	Pickett Lane and Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	474
Contractor:	Ludlow Construction	Page:	1 of 8

Weather Conditions			
Conditions:	Daylight hours: Sunny. Wind variable 0-7 mph.		
Temperature (°F):	High 86°F	Low 68°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
KTM Electrical	0	x	8	Foreman	1	X	8
West State Mechanical	0	x	8	Dump truck Operator	1	X	8
A&J Construction	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	2	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				
Alarm Systems, Inc.	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 began the installation of a water meter vault at Station 525+75 on Pickett Lane, Durham. Ludlow collected water quality samples for laboratory analysis from the Durham Manufacturing facility and the 4" and 8" DIP water lines they recently installed at the Coginchaug Regional High School property.

Daily Activities – Installation of water services, Pickett Lane, Durham

Ludlow began the installation of a vault at Station 525+75 on Pickett Lane, Durham.

0721: Ludlow is mobilizing to Station 525+75 on Pickett Lane, Durham, where they are preparing to install a water meter vault on the south side of the road.

0814: Ludlow is reviewing the plans for the vault installation at Station 525+75 relative to the location of subsurface utilities.

0820: Ludlow is reconfiguring a trench box they plan to use during the installation of a vault at Station 525+75.

Res. Representative:	J. Meunier	Date:	7/25/22
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0824: Ludlow is working with hand tools to daylight subsurface utilities within the footprint of the vault installation work zone located at Station 525+75.

0900: Ludlow has daylighted an existing 4" PVC waterline on the south side of the vault footprint at Station 525+75.

0931: Ludlow continues to excavate at Station 525+75 for the installation of a vault.

1019: Ludlow continues to excavate at Station 527+75. Ludlow also continues to use hand tools to locate subsurface utilities.

1104: Ludlow continues to excavate at Station 525+75.

1158: Ludlow continues to excavate for the installation of a vault. Ludlow is currently draining the 50' of 4" DIP they previously installed at Station 525+75 through a 1" blowoff that they are directing to a catch basin located at Station ~525+49.

1258: Ludlow has continued to excavate the footprint of the vault they are installing at Station 525+75. Ludlow has temporarily removed a section of gray, 2" PVC conduit and the electrical lines located inside.

1556: Ludlow has set a trench box in the excavation they made for the installation of a vault at Station 525+75.

1417: Ludlow has finished work for the day at Station 525+75 and is preparing to secure the excavation with steel plates.

1444: Ludlow has secured the work zone at Station 525+75 on Picket Lane and is preparing to depart the work zone.

Daily Activities – Water testing activities, Durham

Ludlow collected water quality samples for laboratory analysis from the Durham Manufacturing facility and the 4" and 8" DIP water lines they recently installed at the Coginchaug Regional High School property.

0920: Ludlow has just finished collecting water samples from the Durham Manufacturing facility that will be submitted for E.coli/coliform and HPC analysis.

1057: Ludlow has just finished collecting water samples from the 4" DIP line they recently installed at the Coginchaug Regional High School property. These samples will be submitted for E.coli/coliform and HPC analysis.

1210: Ludlow has just finished collecting water samples from the 8" DIP line they recently installed at the Coginchaug Regional High School property. These samples will be submitted for E.coli/coliform and HPC analysis.

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Picture 1: Ludlow using an excavator and hand tools to locate subsurface utilities located within the footprint of where they are working to install a vault at Station 525+75. View to the east.

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Picture 2: Ludlow excavating the footprint of the vault they are installing at Station 525+75 on Pickett Lane, Durham. View to the east.

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Picture 3: Ludlow draining the 50' of 4" DIP they previously installed at Station 525+75 through a 1" blowoff that they are directing to a catch basin located at Station ~525+49.

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Picture 4: View of the excavation that Ludlow has made for the installation of a vault at Station 525+75. Note the 4" PVC water line that Ludlow has daylighted. View to the southeast.

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Picture 5: Chain of custody associated with the water quality samples that Ludlow collected for laboratory analysis from the Durham Manufacturing facility and the 4" and 8" DIP water lines they recently installed at the Coginchaug Regional High School property.

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Picture 6: Trench box that Ludlow has set in the excavation they made for the installation of a vault at Station 525+75.