

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 19, 2022
Location:	Pickett Lane, Durham	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	470
Contractor:	Ludlow Construction	Page:	1 of 11

<p style="text-align: center;">Weather Conditions</p> <p>Conditions: Daylight hours: Sunny. Wind variable 0-5 mph.</p> <p>Temperature (°F): High 91°F Low 68°F</p>											
Contractors & Subcontractors Workforce						Equipment in Use					
Trade	#	x	hrs	Trade	#	X	hrs	Type	#	x	hrs
USACE				Ludlow Construction				Concrete/Asphalt Road Saw	0	x	8
Field Engineer	1	x	8	Superintendent	0	X	8	Dump truck	2	x	8
				Safety Officer	1	X	8	Excavator – Large	1	x	8
KTM Electrical	0	X	8	Foreman	1	X	8	Excavator - Mid-Size	0	x	8
West State Mechanical	0	X	8	Dump truck Operator	1	X	8	Excavator - Rubber Wheeled	0	x	8
A&J Construction	0	X	8	Excavator Operator	1	X	8	Skid Steer / Bucket Loader	0	x	8
Grela Well Drilling	0	X	8	Skid Steer/Bucket Loader	1	X	8	Rolling Compactor	0	x	8
Fazzino Plumbing	0	X	8	Laborers	2	X	8	Plate Compactor	1	x	8
United Concrete	0	X	8	Note that some persons operate				Jumping Jack Compactor	1	x	8
Knapp Engineering	1	x	8	Multiple pieces equipment.				Street Sweeper (Broce Broom)	0	x	8
Apuzzo Electric	0	x	8					Material Hopper	0	x	8
Alarm Systems, Inc.	0	x	8	Sub-contractor	1	X	8	Cutoff saw	1	x	8
A&R Electrical	0	x	8	Municipal Police Detail	0	X	8	Light Tower	0	x	8
				State Police Detail	0	X	8				
Visitors: None.											

Pipe Connections, Installations, and Other Work

Ludlow continued the installation of a 4" water service line at Station 529+64, servicing the Coginchaug Regional High School in Durham. Ludlow setting up a pressure test on the copper water service line they recently installed at the 114 Maiden Lane property.

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

Ludlow continued the installation of a 4" water service line at Station 529+64, servicing the Coginchaug Regional High School in Durham.

0710: Ludlow has mobilized back to the Coginchaug Regional High School (CRHS) resume the installation of 4" DIP.

0712: Ludlow is currently cleaning up a section of lawn they disturbed during the installation of 4" and 8" DIP last week. Ludlow is also setting up to resume the excavation of a trench on the north side of the high school at Station ~554+30.

0732: AECOM checked on the water tank work zone and found the gate to the tank was open. Minor erosion was observed on the south side of the Shared Access Driveway after a heavy rains yesterday.

Res. Representative:	J. Meunier	Date:	7/19/22
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Contractor:	Ludlow Construction	Page:	2 of 11

0749: Ludlow is excavating a trench at Station ~554+30 for the installation of a 4" DIP water line.

0842: Ludlow has daylighted two 2" PVC conduits and the existing DIP water line approximately 4' below surface grade on the north side of the excavation at Station ~554+30. Ludlow also daylighted a 4" PVC conduit for electricity located on the north side of the trench about 2' below surface grade and a gray 1" PVC conduit about 20" inches below surface grade on the south side of the trench that looks like a low-voltage electrical line.

0845: Ludlow just used a cut-off saw to sever the two 2" PVC conduits located at Station ~554+30. The two conduits were observed to have been already severed on their east ends when Ludlow daylighted them.

0916: Ludlow is continuing to excavate on the north side of the CRHS as they continue installing a 4" DIP water service line.

0927: Ludlow has placed a 2" brass fitting on the east end of the eastern-most section of 4" DIP they installed. Ludlow will connect 2" copper pipe to the brass fitting for use as a blow-off line when they pressure test the line prior to connecting it to the high school.

1011: Ludlow continues to install 4" DIP on the north side of the CRHS.

1023: Ludlow has installed a section of 2" copper pipe to the brass fitting they put on the easternmost section of 4" DIP they installed on the north side of the CRHS. The 2" copper pipe will be used in the future as a blow-off line when Ludlow pressure tests the line prior to connecting it to the high school.

1047: Ludlow is working to connect sections of 4" DIP to each other at Station ~553+30.

1131: Ludlow has finished installing 4" DIP on the north side of the CRHS. Ludlow has placed sand above and below the 4" DIP, and has placed caution tape over the pipe and sand. Ludlow is backfilling with the material they excavated from the trench. Ludlow is using a jumping jack and a plate compactor on the newly-placed fill.

1229: Ludlow is backfilling over the 4" DIP the installed on the north side of the CRHS.

1303: Ludlow has almost finished backfilling over the trench they made between Stations 552+85 and 554+00 on the north side of the CRHS while installing 4" DIP. Ludlow has just finished sweeping the area surrounding the trench with a Broce Broom.

1337: Ludlow is using a plate compactor on the fill they are placing back into the trench on the north side of the CRHS.

1343: Ludlow is placing native material on the last portion of the trench that requires backfilling between Stations 552+85 and 554+00.

1402: Ludlow begins to demobilize from the work zone located on the north side of the CRHS.

Daily Activities – Other

Ludlow setting up a pressure test on the copper water service line they recently installed at the 114 Maiden Lane property.

Res. Representative:	J. Meunier	Date:	7/19/22
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Location:	Pickett Lane, Durham	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	470
Contractor:	Ludlow Construction	Page:	3 of 11



Picture 1: Shared Access Driveway in Middletown showing minor erosion after heavy rains yesterday. ~Station 14+25, view to the west.

Res. Representative:	J. Meunier	Date:	7/19/22
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Project:	Durham Meadows Pipeline Installation	Date:	July 19, 2022
Location:	Pickett Lane, Durham	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	470
Contractor:	Ludlow Construction	Page:	4 of 11



Picture 2: Ludlow excavating at Station ~554+30 as they continue to install 4" DIP on the north side of the Coginchaug Regional High School. View to the southeast.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 19, 2022
Location:	Pickett Lane, Durham	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	470
Contractor:	Ludlow Construction	Page:	5 of 11



Picture 3: Piece of a fiberglass tank that Ludlow uncovered when excavating a trench at Station ~554+30 for the installation of a 4" DIP water line.

Res. Representative:	J. Meunier	Date:	7/19/22
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Project:	Durham Meadows Pipeline Installation	Date:	July 19, 2022
Location:	Pickett Lane, Durham	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	470
Contractor:	Ludlow Construction	Page:	6 of 11



Picture 4: Ludlow using a cutoff saw to cut two sections of 2" PVC conduit at Station ~554+30. The PVC was already severed (right side of the photograph) when it was daylighted by Ludlow. View to the north.

Res. Representative:	J. Meunier	Date:	7/19/22
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Project:	Durham Meadows Pipeline Installation	Date:	July 19, 2022
Location:	Pickett Lane, Durham	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	470
Contractor:	Ludlow Construction	Page:	7 of 11



Picture 5: Ludlow excavating on the north side of the high school as they continue to install 4" DIP water line. View to the southwest.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 19, 2022
Location:	Pickett Lane, Durham	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	470
Contractor:	Ludlow Construction	Page:	8 of 11



Picture 6: 4" DIP that Ludlow is in the process of installing on the north side of the high school. View to the west.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 19, 2022
Location:	Pickett Lane, Durham	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	470
Contractor:	Ludlow Construction	Page:	9 of 11



Picture 7: 2" copper blow-off line that Ludlow installed on the east end of the 4" DIP they installed in order to pressure test the line before they connect it to the high school. View to the west.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 19, 2022
Location:	Pickett Lane, Durham	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	470
Contractor:	Ludlow Construction	Page:	10 of 11



Picture 8: View of Ludlow installing 4" DIP on the north side of the high school. View to the east.

Daily Report

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Project #:	AECOM: 6061487	Report No:	470
Contractor:	Ludlow Construction	Page:	11 of 11



Picture 9: Ludlow using a plate compactor on backfill they placed when backfilling the trench they excavated on the north side of the high school when installing 4" DIP water line. View to the east.