

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions

Conditions: Daylight hours. Partly sunny. Winds variable 0-8 mph.
Temperature (°F): High 88°F Low 73°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
				Foreman	2	x	8
				Dump truck Operator	4	x	8
				Excavator Operator	4	x	8
				Skid Steer/Bucket Loader	1	x	8
				Laborers	6	X	8
				<i>Note that some persons</i>			
				<i>Multiple pieces equipment.</i>			
				Sub-contractor	2	X	8
				Municipal Police Detail	0	X	8
				State Police Detail	2	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow placed silt fence on the north bank of Hersig Brook at the stream crossing.

Ludlow installed a curb stop on the east side of Main Street at Station 176+03.

Ludlow installed curb stops on the south side of Picket Lane at Stations 502+95 and 502+48.

Ludlow saw cut pavement on Main Street.

DN Tanks continued to construct cement forms for the water tank.

Ludlow ran pressure tests on two segments of the water line that was recently installed on Pickett Lane.

Compaction Testing

Soil compaction testing was not performed today. Compaction test data for the project can be found here:

Res. Representative:

J. Meunier

Date: 7/22/20

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	2 of 13

<https://www.nae.usace.army.mil/Portals/74/docs/Topics/DurhamMeadowsWaterline/CompactionTests/>

In addition, soil compaction data is presented in the Contractor Daily Quality Control Reports located here:

<https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/>

Daily Activities – Stream Crossing, Hersig Brook, Pickett Lane, Durham

Ludlow ran pressure tests on two segments of the water line that was recently installed on Pickett Lane.

0815: Ludlow about to perform a pressure test on the Pickett Lane waterline between Main Street and a gate valve on the east side of the Allyn Brook bridge near Station 511+00. The hydrant that Ludlow placed a gauge on to monitor pressure readings is located at Station 503+90.

0825: Ludlow starts the pressure test. Starting pressure is 150 PSI.

0924: Ludlow is going to pressure test the second portion of picket line waterline from the gate valve at approximate Station 511+00 to approximate Station 531+00

0948: Ludlow starts a second pressure test on Pickett Lane – this one testing the section of the water line from a gate valve near Station 511+00 to another valve near Station 530 (south side of the Hersig Brook bridge). Starting pressure is slightly less than 150 PSI.

1029: The pressure test for the section of water line on Pickett Lane from Main Street to a valve near Station 511+00 held steady at 150 psi (as read off of the gauge attached to the hydrant located at Station 503+90).

1150: The second pressure test on the water line on Pickett Lane was due to finish at 1148 hours. The pressure gauge attached to a hydrant between the valve near Station 511+00 and the valve near Station 531+00 reads 149.5 PSI.

Daily Activities – Stream Crossing, Hersig Brook, Pickett Lane, Durham

Ludlow placed silt fence on the north bank of Hersig Brook at the stream crossing.

1051: Ludlow is installing silt fence at the top of the north bank of Hersig Brook at the stream crossing.

1140: Ludlow has finished installing a silt fence on north side of Hersig Brook.

Daily Activities – Saw Cutting of Pavement, Main Street, Durham

Ludlow saw cut pavement on Main Street.

0723: Ludlow is setting up to saw cut pavement about 20 feet north of 253 Main Street Eastside.

Res. Representative:	J. Meunier	Date:	7/22/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	3 of 13

0754 Ludlow is saw cutting pavement on the southbound lane of Main Street at Station ~190+00. Ludlow has one laborer providing traffic management.

0810: Ludlow is saw cutting pavement at Station 190+50.

1238: Ludlow is saw cutting pavement in front of 238 Main Street (Durham Market).

Daily Activities – Installation of Curb Stop, Main Street, Durham

Ludlow installed a curb stop on the east side of Main Street at Station 176+03.

0728: Ludlow is excavating on northbound lane of Main Street in front of the Durham Health Mart at Station 176+03 for the installation of a curb stop. The curb stop will be set back 39' from the edge of pavement.

0912: Ludlow is hammering rock at Station 176+03 to install a curb stop.

1008: Ludlow is hammering rock at Station 176+03.

1115: Ludlow continues to install a curb stop at Station 176+03.

1219: Ludlow continues to work on the curb stop at Station 176+03. Ludlow is currently backfilling and compacting fill over the installed curb stop.

1343: The trench in front of the Durham Health Mart (Station 176+03) is filled, compacted, and waiting to be covered with hot patch.

Daily Activities – Installation of Curb Stops, Pickett Lane, Durham

Ludlow installed curb stops on the south side of Pickett Lane at Stations 502+95 and 502+48.

0715: Ludlow begins to excavate on Pickett Lane to install a 1" curb stop at Station 502+95.

0808: Ludlow continues to install a 1" curb stop at Station 502+95.

0831: Ludlow has installed a 1" curb stop at Station 502+95 and is currently backfilling the trench.

0954 Ludlow is installing a 1.5" curb stop at Station 502+48.

1033: The curb stop at Station 502+95 was set 32" south of the adjoining chain-link fence. The curb stop at Station 502+48 was set 62" south of the adjoining chain-link fence.

1255: Ludlow has finished filling and compacting trenches at the two curb stops Station 502+95 and 502+48.

1341: Ludlow is rolling hot patch at the two trenches on Pickett Lane at Stations 502+95 and 502+48.

Res. Representative:	J. Meunier	Date:	7/22/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	4 of 13

Daily Activities – DN Tanks Mobilization, Shared Access Driveway, Middletown

DN Tanks continued to construct the frost wall for the water tank.

0743: DN Tanks is present at the water tank footprint but there is currently no activity at this work zone due to heavy rain.

0847: DN Tanks has resumed the construction of concrete forms at the water tank footprint. Rain is intermittent; it is currently heavy.

1202: DN Tanks continue to work at the water tank footprint.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	5 of 13



Picture 1: Ludlow installing 1" curb stop at Station 502+95. Pickett Lane, Durham. View to the north.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	6 of 13



Picture 2: Ludlow hammering rock at Station 176+03. Main Street, Durham. View to the south.

Res. Representative:	J. Meunier	Date:	7/22/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	7 of 13



Picture 3: Ludlow installing silt fence on the north side of the Hersig Brook stream crossing. Pickett Lane, Durham. View to the north.

Res. Representative:	J. Meunier	Date:	7/22/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	8 of 13



Picture 4: Ludlow compacting hot patch at Station 502+48. Pickett Lane, Durham. View to the east.

Res. Representative:

J. Meunier

Date: 7/22/20

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	9 of 13



Picture 5: Safety caps that DN Tanks placed on exposed rebar ends. Water tank footprint, Shared Access Driveway, Middletown.

Res. Representative:	J. Meunier	Date:	7/22/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	10 of 13

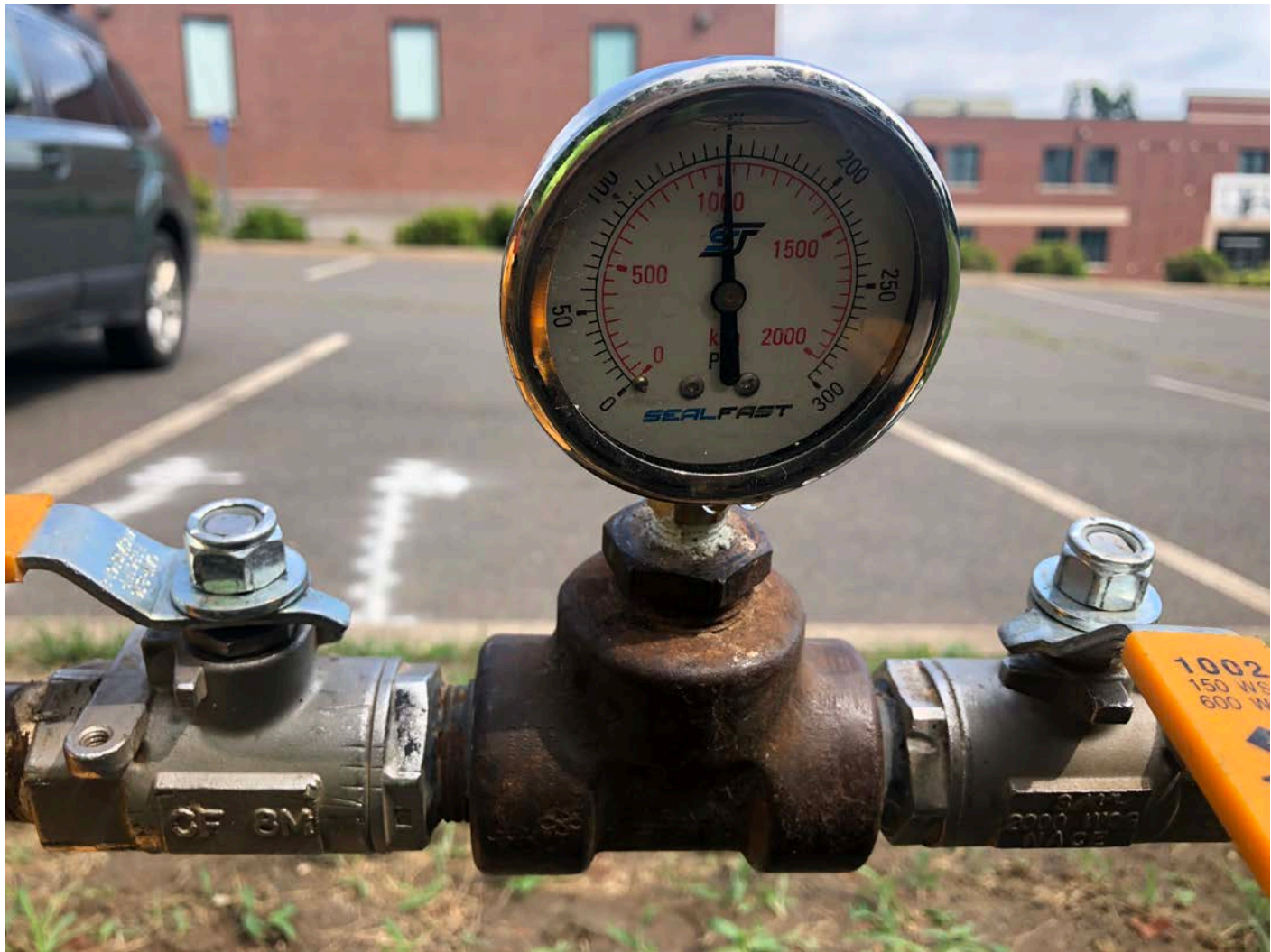


Picture 6: Beginning pressure on the pressure test run on the Pickett Lane water line from Main Street to a valve located near Station 511+00. Pickett Lane, Durham.

Res. Representative:	J. Meunier	Date:	7/22/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	11 of 13



Picture 7: End pressure on the pressure test run on the Pickett Lane water line from Main Street to a valve located near Station 511+00. Pickett Lane, Durham.

Res. Representative:	J. Meunier	Date:	7/22/20
----------------------	------------	-------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	12 of 13



Picture 8: Beginning pressure on the pressure test run on the Pickett Lane water line from a valve located near Station 511+00 to a valve located near Station 532+00. Pickett Lane, Durham.

Res. Representative:	J. Meunier	Date:	7/22/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 22, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	125
Contractor:	Ludlow Construction	Page:	13 of 13



Picture 9: End pressure on the pressure test run on the Pickett Lane water line from a valve located near Station 511+00 to a valve located near Station 532+00. Pickett Lane, Durham.

Res. Representative:	J. Meunier	Date:	7/22/20
-----------------------------	------------	--------------	---------