

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 16

### Weather Conditions

**Conditions:** Daylight hours. Partly sunny. Winds variable 0-6 mph.  
**Temperature (°F):** High 86°F Low 67°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	0	X	8
				Concrete/Asphalt Road Saw	1	x	8
				Dump truck	5	x	8
				Excavator – Large	3	x	8
				Excavator - Mid-Size	1	x	8
				Excavator - Rubber Wheeled – Rock	0	x	8
				Skid Steer / Bucket Loader	1	x	8
				Rolling Compactor	1	x	8
				Plate Compactor	1	x	8
				Jumping Jack Compactor	1	x	8
				Street Sweeper (Broce Broom)	1	x	8
				Material Hopper	1	x	8
				Pipe saw	1	x	8
				Light Tower	0	x	8

**Visitors:** None.

### Pipe Connections, Installations, and Other Work

Ludlow shim coated pavement on S. Main Street, Middletown and Main Street, Durham.

Ludlow installed a curb stop at Station 176+00, servicing 322 Main Street, Durham.

Ludlow saw cut pavement on Main Street.

DN Tanks continued to construct forms for the water tank.

Ludlow ran pressure tests on two segments of recently installed water line on Pickett Lane and Maiden Lane.

### Compaction Testing

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

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

**Res. Representative:** J. Meunier **Date:** 7/24/20

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	2 of 16

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 – Shim Coating, S. Main Street, Middletown and Main Street, Durham

Ludlow shim coated pavement on S. Main Street, Middletown and Main Street, Durham

0744: Ludlow is staged at Royal Oak Drive next to where it intersects with S. Main Street. Ludlow is shimming asphalt today over trench footprints from water line installations. One private flagger and one Ludlow laborer are providing traffic management.

0750: Ludlow is spreading tack coat on top of exiting asphalt on the water trench footprint on the southbound lane of S. Main Street from Stations 136+50 to 138+00.

0809: Ludlow delivers hot patch to the work zone at the intersection of Royal Oak Drive and S. Main Street. Ludlow begins to shim coat the trench on the southbound lane of S. Main Street from Stations 136+50 to 138+00.

0842: Ludlow is shim coating at Station 155+50.

0859: Ludlow is shim coating from Station 156+50 to 160+00.

0940: Ludlow is shim coating at Station 162+00 on west side of Main Street, Durham.

### Daily Activities – Pressure Testing, Maiden Lane and Pickett Lane, Durham

Ludlow ran pressure tests on two segments of recently installed water line on Pickett Lane and Maiden Lane.

1131: Ludlow starts a pressure test on Pickett Lane. The test is being run on the section of water line located between a valve at Station 531+00 and a valve located at the intersection of Pickett Lane and Maiden Lane.

1138: The reading for the pressure test being run on Pickett Lane is taken from a gauge that was placed on the hydrant located at 534+30.

1139: Ludlow starts a pressure test on Maiden Lane. The test is being run on the section of water line located between a gate valve at Station 412+14 and gate valve at the intersection of Maiden Lane and Pickett Lane. The pressure gauge for this test is on a hydrant located at Station 420+50.

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

Ludlow saw cut pavement on Main Street.

0705: Ludlow is saw cutting pavement at Station ~179+00 in front of 308 Main Street, Durham.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	7/24/20
-----------------------------	------------	--------------	---------

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	3 of 16

0900: Ludlow is saw cutting pavement on Haddam Quarter Road next to where it intersects with Main Street, Durham.

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

Ludlow installed a curb stop at Station 176+00, servicing 322 Main Street, Durham.

1029: Ludlow begins excavating for placement of a curb stop at Station 176+00. This will service the home at 322 Main Street, Durham. The trench for the 1" copper service line was curved to arc around the roots of a newly planted tree.

1128: The curb stop at 322 Main Street is set back 35.5' from the edge of pavement.

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

DN Tanks continued to construct forms for the water tank.

0710: DN Tanks continues to construct forms for the side panels of the water tank.

0850: DN Tanks is installing the water tank's main line through a hole cut through the wall of the concrete form for the frost wall.

<b>Res. Representative:</b>	<u>J. Meunier</u>	<b>Date:</b>	<u>7/24/20</u>
-----------------------------	-------------------	--------------	----------------

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	4 of 16



**Picture 1: Frost wall cement form at the water tank footprint, east end of the Shared Access Road, Middletown. View to the east.**



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	5 of 16



Picture 2: DN Tanks installing the water tank's main line through a hole cut through the wall of the concrete form for the frost wall. View to the south.



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	6 of 16



Picture 3: Ludlow applying tack coat to asphalt surface, preparing to shim coat trench footprint on S. Main Street in Middletown from Stations 136+50 to 138+00. View to the west.

Res. Representative:

J. Meunier

Date: 7/24/20



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	7 of 16



Picture 4: Tack coat applied prior to shim coating.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	7/24/20
-----------------------------	------------	--------------	---------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	8 of 16



Picture 5: Ludlow begins to shim coat the southbound section of S. Main Street in Middletown from Stations 136+50 to 138+00. View to the west.

Res. Representative:

J. Meunier

Date: 7/24/20



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	9 of 16



Picture 6: Ludlow loaming and seeding the work area located due east of the Pickett Lane stream crossing at Station ~511+00. View to the northwest.

Res. Representative:

J. Meunier

Date: 7/24/20



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	10 of 16



**Picture 7: Ludlow loaming and seeding at the Station 514+00 staging area on Pickett Lane, Durham. View to the northeast.**

**Res. Representative:**

J. Meunier

**Date:** 7/24/20



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	11 of 16



**Picture 8: Beginning pressure on the test performed on the Pickett Lane water line from a valve at Station 531+00 to a valve located at the intersection of Pickett Lane and Maiden Lane.**

<b>Res. Representative:</b>	<u>J. Meunier</u>	<b>Date:</b>	<u>7/24/20</u>
-----------------------------	-------------------	--------------	----------------

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	12 of 16



Picture 9: End pressure on the test performed on the Pickett Lane water line from a valve at Station 531+00 to a valve located at the intersection of Pickett Lane and Maiden Lane.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	7/24/20
-----------------------------	------------	--------------	---------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	13 of 16

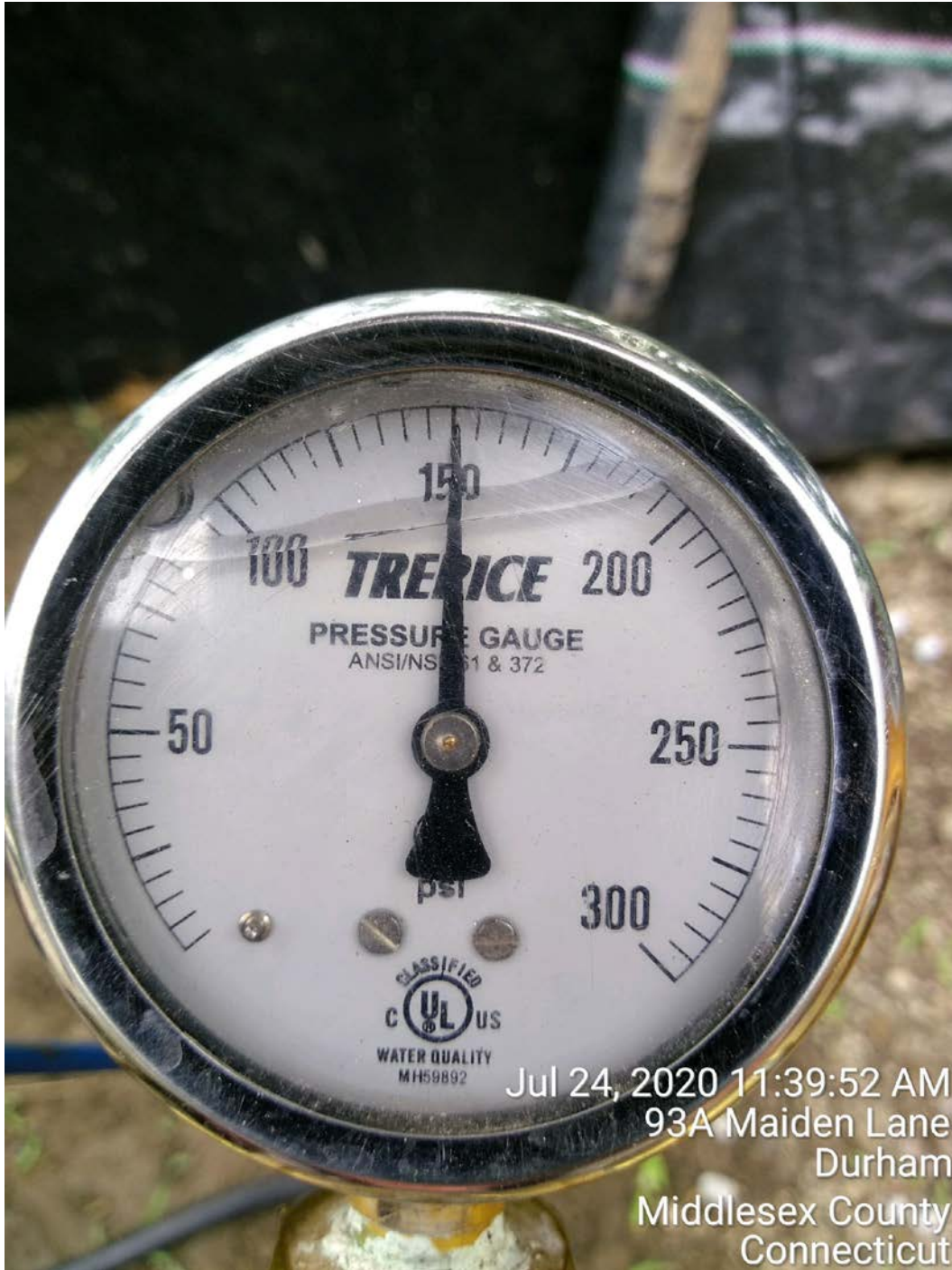


**Picture 10: Beginning pressure on the test performed on the Maiden Lane water line from a gate valve at Station 412+14 and gate valve at the intersection of Maiden Lane and Pickett Lane.**

<b>Res. Representative:</b>	<u>J. Meunier</u>	<b>Date:</b>	<u>7/24/20</u>
-----------------------------	-------------------	--------------	----------------

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	14 of 16



Picture 11: End pressure on the test performed on the Maiden Lane water line from a gate valve at Station 412+14 and gate valve at the intersection of Maiden Lane and Pickett Lane.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	7/24/20
-----------------------------	------------	--------------	---------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	15 of 16



**Picture 12: View of where Ludlow cleared brush on the north side of the Allyn Brook stream crossing on Maple Avenue, Durham. View to the north.**

<b>Res. Representative:</b>	<u>J. Meunier</u>	<b>Date:</b>	<u>7/24/20</u>
-----------------------------	-------------------	--------------	----------------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 24, 2020
<b>Location:</b>	Pickett Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	127
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	16 of 16



Picture 13: Ludlow installing a curb stop at 322 Main Street; Station 176+00. View to the north.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	7/24/20
-----------------------------	------------	--------------	---------