

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	June 23, 2020
<b>Location:</b>	Maiden Lane, Route 68, and Shared Access Road	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	104
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 11

### Weather Conditions

**Conditions:** Daylight hours. Sunny. Winds variable 0-11 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
				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	1	x	8
				Municipal Police Detail	0	x	8
				State Police Detail	2	x	8

**Visitors:** Katrina Perez, Haley & Aldrich

### Pipe Connections and Installations

Ludlow installed 12" DIP from Stations 413+12 to 412+17, and from 400+74 to 401+14.5 on Maiden Lane in Durham. This includes the installation a hydrant assembly at Station 400+84 and a corporation stop at Station 412+62.

Ludlow installed the following work on Route 68 (Wallingford Road): a hydrant at Station 609+46 and a curb stop at Station 609+26. Ludlow performed a pressure test on Route 68 from Main Street to the hydrant at Station 609+46.

Ludlow installed 12" DIP from Stations 920+65 to 920+55, and from 920+80 to 921+10 on Maple Avenue in Durham.

Ludlow prepared the subbase for the water tank pad. Katrina Perez of Haley & Aldrich was present to oversee this work.

### 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/>

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

**Res. Representative:** J. Meunier **Date:** 6/23/20

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

### **Daily Activities –Shared Access Driveway, Middletown**

Ludlow prepared the subbase for the water tank pad.

0736: Ludlow is performing earthwork activities at and around the water tank footprint.

0923: Ludlow is excavating the footprint for the water tank to prepare the subbase for the water tank pad. The excavation will be refilled and compacted in lifts. Katrina Perez from Haley and Aldrich is present to provide oversight of this work.

1336: Ludlow has finished preparing the subbase for the water tank pad. Ludlow is currently grading and compacting fill around the water tank footprint.

### **Daily Activities – Pressure Testing, Wallingford Road (Rte. 68), Durham**

Ludlow performed a pressure test on Route 68 from Main Street to the hydrant at Station 609+46.

0945: Ludlow is filling the newly installed water line on Route 68 (from where it intersects with Main Street to the hydrant located at Station 609+46.

1253: Ludlow starts a pressure test on the water line located between Main Street and the hydrant installed at Station 609+46.

1453: The pressure test performed on the Route 68 water line passed the pressure test. Because all the curb stops on this line have not been installed yet, the test will be considered preliminary and will have to be performed again after all curb stops are installed.

### **Daily Activities – Installations, Route 68, Durham**

Ludlow installed a hydrant at Station 609+46 and a curb stop at Station 609+26.

0720: Ludlow is resuming work Route 68 with the installation of a hydrant at Station 609+46. Two state troopers are providing traffic management.

0812: Ludlow has installed a hydrant at Station 609+46 is are working on installing a curb stop at Station 609+26 to service 47 Wallingford Road (Route 68). The curb stop will be installed 10' from edge of pavement.

0939: Ludlow has finished the installation of a curb stop at Station 609+26 on Route 68. Ludlow is backfilling the trench and cleaning up the work zone with a Bocce Broom

### **Daily Activities – Installation of 12" DIP, Maiden Lane, Durham**

Ludlow installed 12" DIP from Stations 413+12 to 412+17, and from 400+74 to 401+14.5 on Maiden Lane in Durham. This includes

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the installation a hydrant assembly at Station 400+84 and a corporation stop at Station 412+62.

0706: Ludlow is resuming the installation of 12" DIP on Maiden Lane at Station 413+12.

0853: Ludlow has installed 12" DIP up to Station 412+50. A corporation stop has been installed at Station 412+62 to service 63 Maiden Lane.

1008: Ludlow has installed 12" DIP up to Station 412+30 on Maiden Lane.

1212: Ludlow finished placing 12" DIP up to Station 412+17 and has moved up to the intersection of Main Street and Maiden Lane to start placing 12" DIP at Station 400+74, working east on Maiden Lane.

1316: Ludlow has ended placing 12" DIP for the day at Station 401+14.5. This includes the installation of a hydrant assembly at Station 400+84.

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Picture 1: Ludlow installing hydrant at Station 609+46. Route 68; View to the east. Durham.



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Picture 2: Ludlow installing a curb stop at Station 609+26 to service 47 Wallingford Road (Route 68). View to the north.



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Picture 3: Ludlow cleaning up work zone at Station 609+26 with a Bocce Broom. Route 68, Durham. View to the west.



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Picture 4: Ludlow excavating at the intersection of Maple Avenue and Route 68 to place 12" DIP at Station 920+65



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Picture 5: Ludlow installing 12" DIP at Station 400+74. Maiden Lane, Durham. View to the southeast

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**Picture 6: Ludlow excavating soil from the footprint of the water tank pad. Shared Access Driveway; view to the southeast.**



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**Picture 7: Ludlow placing fill in lifts between compacting at the footprint of the water tank pad. Shared Access Road; view to the southeast.**



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**Picture 8: The footprint of the water tank pad after 2' of fill was placed and compacted to make a subbase for the tank pad. Shared Access Driveway; view to the southeast.**