

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 8, 2021
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	217
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 10

Weather Conditions			
Conditions:	Daylight hours: Sunny. Winds variable 0-8 mph.		
Temperature (°F):	High 68°F	Low	39F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	1	x	8
				Safety Officer	0	x	8
				Foreman	0	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer/ Bucket Loader	0	x	8
				Laborers	1	X	8
				Note that some persons			
DN Tanks				Multiple pieces equipment.			
Superintendent	0	x	8				
Laborers	0	x	8	Sub-contractor	1	X	8
				Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

### Pipe Connections, Installations, and Other Work

Ludlow continued to flush the 16" DIP water line on Main Street. In addition, Ludlow installed an electrical enclosure adjacent to the pressure reducing valve vault located at Station ~161+40.

### Compaction Testing

Soil compaction testing was not performed today. Compaction test data for soil, concrete, and asphalt can be found under the "Related Links" column on the righthand side of the page of the following link:

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

### Daily Activities – flushing of waterlines, Durham

Ludlow continued to flush the 16" DIP water line on Main Street in Durham from 350 Main Street to Talcott Lane.

0731: Ludlow and their traffic control subcontractor are setting up a lane closures on Main Street in Durham at Station ~161+40 as they prepare to install the electrical enclosure at the pressure reducing valve vault.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	04/08/21
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0744: Ludlow continues to flush the 16" DIP water line on Main Street. They are currently working on the section from 350 Main Street to Talcott Lane.

### Daily Activities – Pressure Reducing Valve Vault, Main Street, Durham

Ludlow installed an electrical enclosure adjacent to the pressure reducing valve vault located at Station ~161+40.

0841: Ludlow begins excavating on north side of the pressure reducing valve vault in order to install an electrical enclosure that is scheduled to be delivered to the work zone at 1000 hours.

0910: Ludlow continues to flush the 16" DIP water line on Main Street between 350 Main Street to Talcott Lane, Durham.

0946: United Concrete arrives at the work zone at Station ~161+40 to deliver the electrical enclosure.

0956: Ludlow lifts the electrical enclosure off the delivery truck with the assistance of United Concrete .

1033: Ludlow works to set the electrical enclosure in place on the north side of the pressure reducing valve vault.

1116: Ludlow continues to install the electrical panel on the north side of the pressure reducing valve vault at

1210: Ludlow is currently backfilling and compacting soil around the electric enclosure Station ~161+40.

1225: Ludlow is placing soil around the outer perimeter of the pressure reducing valve vault.

1325: Ludlow continues to place and compact soil around the outer perimeter of the pressure reducing vault. Compaction is being performed with a plate compactor.

1402: Ludlow continues to place and compact soil around the outer perimeter of the pressure reducing vault. Ludlow is placing snow fence around the partially-backfilled excavation around the electrical enclosure.

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Picture 1: View of the north side of the pressure reducing valve vault that has been daylighted so that Ludlow can install the electrical enclosure at Station ~161+40. View to the south.

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Picture 2: View of the north side of the pressure reducing vault that has been daylighted so that Ludlow can install the electrical enclosure for the pressure reducing valve vault at Station ~161+40, with geofabric placed over  $\frac{3}{4}$ " stone at the bottom of the excavation. View to the southeast.

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Picture 3: Ludlow and United Concrete positioning the electrical enclosure for the pressure reducing valve vault at Station ~161+40. View to the west.

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**Picture 4: View of the electrical enclosure at Station ~161+40 as Ludlow is in the process of installing it. View to the east.**

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Picture 5: View of the electrical enclosure at Station ~161+40, partially backfilled. View to the south.

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Picture 6: Ludlow placing fill around the perimeter of the pressure reducing valve vault at Station ~161+40 in Durham. View to the south.

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Picture 7: View of the pressure reducing valve vault at Station ~161+40 as Ludlow places and compacts fill around the perimeter of the vault. View to the north.

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Picture 8: View of the pressure reducing valve vault at Station ~161+40 as Ludlow places and compacts fill around the perimeter of the vault. View to the southeast.