

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 9, 2021
<b>Location:</b>	Main Street, Durham and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	218
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 9

Weather Conditions			
Conditions:	Daylight hours: Sunny. Winds variable 0-4 mph.		
Temperature (°F):	High 70°F	Low 46°F	

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: Frank Redomski and Brian Robillard, City of Middletown (Long Hill Pump Station meeting).

### Pipe Connections, Installations, and Other Work

Ludlow worked at the water tank work zone in preparation for the installation of the altitude valve vault. United concrete worked on the installation of PVC conduits that will connect the electrical enclosure to the pressure reducing valve vault.

### 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 – Altitude valve vault, flushing of waterlines, Durham

Ludlow worked at the water tank work zone in preparation for the installation of the altitude valve vault.

0838: Ludlow is currently grading soil around the water tank work zone.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	04/09/21
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0923: Ludlow continues to grade at the water tank work zone.

1000: The project team (AECOM and the USACE) meet with Middletown representatives Brian Robillard and Frank Redomski at the Long Hill pump station to discuss the sequence of upcoming work.

1055: AECOM and the USACE visit the water tank work zone to inspect the altitude valve vault and water tank.

1120: Ludlow will be mobilizing a crane to the water tank work zone on April 13, 2021, to assist with the placement of the altitude valve vault. Ludlow is bringing fill to the water tank work zone to build up the southwest corner of the water tank work zone in order to have a place for the crane's outrigger to be staged.

1208: Ludlow continues to build a staging pad for the crane's outrigger at the water tank work zone.

1232: Ludlow continues to build a staging pad for the crane's outrigger at the water tank work zone.

1351: Ludlow continues to work in the altitude valve vault, fine tuning the grade at the bottom of the excavation. Ludlow has finished building a staging pad for the crane's outrigger at the water tank work zone.

### Daily Activities – PRV Vault, Main Street, Durham

United concrete worked on the installation of PVC conduits that will connect the electrical enclosure to the pressure reducing valve vault.

0746: United Concrete is working on the electrical enclosure adjacent to the pressure reducing vault at Station ~161+40, Main Street Durham.

0846: United Concrete is installing gray PVC conduits between the electrical enclosure in the pressure reducing valve vault.

1208: United Concrete continues to install PVC conduits connecting the electrical enclosure to the pressure reducing valve vault at Station ~161+40.

1340: United Concrete continues to work on the conduits connecting the electrical enclosure to the pressure reducing valve vault.

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**Picture 1: View of the fill that has been placed around the walls of the pressure reducing valve vault at Station ~161+40. View to the northeast.**



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**Picture 2: View of the fill that has been placed around the walls of the pressure reducing valve vault at Station ~161+40. View to the northwest.**



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Picture 3: PVC fittings that United Concrete has installed on the north side of the pressure reducing valve vault at Station ~161+40. View to the south.



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Picture 4: View of the electrical enclosure at the pressure reducing valve vault at Station ~161+40 as United Concrete is in the process of installing PVC conduits. View to the northeast.



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Picture 5: View of the altitude valve vault excavation at the water tank work zone located east of the Shared Access Driveway, Middletown. View to the southwest.

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**Picture 6: Ludlow placing and compacting fill at the southwest corner of the water tank work zone in order to create a staging pad for a crane outrigger. View to the northeast.**

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Picture 7: PVC conduit that United Concrete installed between the electrical enclosure and the pressure reducing valve vault at Station ~161+40.