

# AECOM

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 25, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	250
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 13

### Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-12 mph.  
 Temperature (°F): High 72°F Low 48°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	Hrs
USACE				Ludlow Construction			
Field Engineer	2	x	8	Superintendent	1	x	8
				Safety Officer	1	x	8
				Foreman	0	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer/ Bucket Loader	1	x	8
				Laborers	3	X	8
				Note that some persons			
United Concrete	3	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
Barnhart	0	x	8	Sub-contractor	1	X	8
CT Traffic Control	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

### Pipe Connections, Installations, and Other Work

United Concrete continued with finish work on the booster station located at Station 750+63 South Main Street in Middletown. Ludlow worked on preparing the footprint for the electrical enclosure for the altitude valve vault, placing and compacting fill around the altitude valve vault, and installing the headwall at Station 11+50. Ludlow worked on trying to set up a pressure test at the pressure reducing valve vault.

### Daily Activities – Booster station work zone, S. Main Street, Middletown

- United Concrete continued with finish work on the booster station located at Station 750+63 in Middletown.
- 0725: United Concrete has three laborers at the booster station building continuing finish work.
- 1017: United Concrete is installing brackets on either side of the top of the trough at the booster station to support the aluminum grating that will go over the trough.
- 1156: United Concrete has the grate supports installed on the trough at the booster station located at Station 750+63.

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1307: United Concrete continues to perform finish work in the interior of the booster station located at Station 750+63.

1420: United Concrete continues to perform finish work inside of the booster station located at Station 750+63.

### Daily Activities – Pressure reducing valve vault, S. Main Street, Middletown

Ludlow worked on trying to set up a pressure test at the pressure reducing valve vault.

0717: Ludlow is back at the pressure reducing valve vault looking to set up a pressure test.

1213: Ludlow continues to trouble shoot issues in setting up a pressure test at the pressure reducing valve vault.

### Daily Activities – Water tank work zone, Shared Access Driveway, Middletown

Ludlow worked on preparing the footprint for the electrical enclosure for the altitude valve vault, placing and compacting fill around the altitude valve vault, and installing the headwall at Station 11+50.

0731: Ludlow continues with the installation of the catch basin at station 10+25 next to the water tank located east of the Shared Access Driveway in Middletown. Ludlow is currently compacting fill around the catch basin and on the north side of the altitude valve vault with a jumping jack and a plate compactor.

0927: Ludlow has done additional grading and filling on the north side of the altitude valve vault. They are currently staking out the new location of the electrical enclosure that is scheduled to be placed on the north side of the altitude valve vault. Ludlow is also placing mortar between the top sections of the catch basin that was just installed at Station 10+25.

0935: Ludlow is using a plate compactor on the north side of the altitude valve vault to compact fill at the footprint for the electrical enclosure they will be installing soon.

0944: Ludlow is preparing to place mortar between the top sections of the catch basin located approximately 70' northwest of the water tank.

1142: Ludlow has placed and compacted the subgrade at the footprint of the electrical enclosure that will be installed north of the altitude valve vault.

1344: Ludlow begins to excavate for the installation of a head wall at Station 11+50; just west of the water tank and altitude valve vault.

1409: Ludlow is installing the head wall at Station 11+50. Ludlow is also building up the grade around the altitude valve vault and to the west side of the water tank, where they are placing -5" fill in 1" lifts compacted with a plate compactor.

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Picture 1: Ludlow compacting fill with a jumping jack on the west side of the water tank in Middletown. View to the northeast.

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Picture 2: Ludlow compacting fill with a plate compactor on the west side of the water tank in Middletown. View to the northeast.

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Picture 3: Ludlow applying mortar to the top sections of the catch basin located at Station 10+25 on the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the east.

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Picture 4: Ludlow compacting fill with a plate compactor on the northwest side of the water tank in Middletown. View to the north.

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Picture 5: United Concrete installing support bracket for the grating that will sit over the trough in the booster station located at Station 750+63.

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Picture 6: Ludlow excavating on the northeast corner of the pressure reducing valve vault as they attempt to troubleshoot difficulties in conducting a pressure test on the piping associated with the vault. ~Station 161+40, Durham. View to the south.

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Picture 7: Ludlow changed the top to the catch basin located ~70' northwest of the water tank located east of the Shared Access Driveway in Middletown. View to the north.

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Picture 8: Ludlow in the process of installing 8" DIP to connect to the headwall they just installed at Station 11+50. View to the northeast.

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Picture 9: Ludlow in the process of installing 8" DIP to connect to the headwall they just installed at Station 11+50. View to the north.

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Picture 10: Ludlow excavating to install tank drain pipe to headwall at the water tank site. View to the east.

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**Picture 11: Ludlow backfilling, grading and compacting around the altitude valve vault west of the water tank. View to the east.**

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