

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 7, 2021
Location:	S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	238
Contractor:	Ludlow Construction	Page:	1 of 9

Weather Conditions

Conditions: Daylight hours: Sunny/overcast. Winds variable 0-6 mph.
 Temperature (°F): High 68°F Low 47°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			
Barnhart	0	x	8	Multiple pieces equipment.			
United Concrete	0	x	8				
JMS	0	x	8	Sub-contractor	0	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

Ludlow continued work on the 8" tank drain line between the southwest side of the water tank and the headwall located at ~Station 11+70 in Middletown.

Daily Activities – water tank work zone, Shared Access Driveway, Middletown

Ludlow continued work on the 8" drain line between the southwest side of the water tank and the headwall located at ~Station 11+70 in Middletown.

0701: Ludlow has mobilized to the water tank work zone to resume work on the placement of the 8" DIP drain line that comes off the southwest side of the water tank. Shared Access Driveway, Middletown.

0834: Ludlow continue trenching west continue placement of 8" drain line coming off the southwest corner of the water tank.

0844: Ludlow is placing and compacting native fill over 8" DIP that Ludlow has already installed between the altitude valve vault and the water tank located east of the Shared Access Driveway in Middletown.

Res. Representative:	J. Meunier	Date:	05/07/21
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AECOM

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Contractor:	Ludlow Construction	Page:	2 of 9

1008: Ludlow continues to place 8" DIP for the drain line that exits the southwest side of the water tank as they move in a western direction towards the catch basin located at ~Station 11+70. The piping is being placed on the following bedding: geofabric placed on native soil, 6" of ¾" gravel on top of the fabric, the same geofabric placed on top of the gravel, and sand placed on top of the fabric. The 8" DIP is then placed on top of the sand.

1015: Ludlow has added an 11.25° DIP bend in the string of 8" DIP they are installing to assisting in directing the pipe in a downward direction towards the catch basin located at ~Station 11+70. The slope of the pipe in this area (which is southwest of the altitude vault) pitches downward by 12.88% according to Ludlow. All pipe connections are restrained.

1044: Ludlow continues to place 8" DIP for the installation of the drainpipe that exits the water tank on the southwest side and connects to the catch basin located at Station ~11+70.

1100: USACE, Ludlow, and AECOM meet with the owner of 2332 Main Street in Durham to discuss the installation of the meter building that will be placed on the lot located immediately south of 2332 Main Street property.

1121: Ludlow is using a jumping jack to compact sand on either side of the 8" drainpipe that exits the water tank on the southwest side and connects to the catch basin located at Station ~11+70.

1253: Ludlow continues to place native fill in 1-foot lifts with -5" rock on top 8" DIP drain line they have already installed and are compacting it with a plate compactor.

1405: Ludlow continues placing fill with -5" rock on top 8" DIP drain line they have already installed. Ludlow has about 20 more feet of pipe to install to reach the catch basin located at Station ~11+70.

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Contractor:	Ludlow Construction	Page:	3 of 9



Picture 1: Ludlow in the process of installing 8" DIP for the tank drain between the southwest side of the water tank and the headwall located at ~Station 11+70 in Middletown. View to the west.

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Project #:	AECOM: 6061487	Report No:	238
Contractor:	Ludlow Construction	Page:	4 of 9



Picture 2: Geofabric placed over $\frac{3}{4}$ " gravel and another layer of geofabric beneath the 8" DIP that is being installed for the drain between the southwest side of the water tank and the headwall located at ~Station 11+70 in Middletown. View to the west.

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Project #:	AECOM: 6061487	Report No:	238
Contractor:	Ludlow Construction	Page:	5 of 9



Picture 3: 11.25° DIP bend placed in line with the 8" DIP drain line that Ludlow is installing between the water tank and the headwall located at ~Station 11+70 in Middletown. View to the east.

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Contractor:	Ludlow Construction	Page:	6 of 9



Picture 4: Ludlow placing and compacting sand on and around the 8” DIP drain line that Ludlow is installing between the water tank and the headwall located at ~Station 11+70 in Middletown. View to the northwest.

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Contractor:	Ludlow Construction	Page:	7 of 9



Picture 5: 8" DIP drain line that Ludlow is installing between the water tank and the headwall located at ~Station 11+70 in Middletown. View to the east.

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Contractor:	Ludlow Construction	Page:	8 of 9



Picture 6: Ludlow placing native fill over the 8" DIP drain line between the southwest side of the water tank and the headwall located at Station 11+70. Water tank work zone located east of the Shared Access Driveway in Middletown. View to the south.

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Contractor:	Ludlow Construction	Page:	9 of 9



Picture 7: Ludlow compacting native fill over the 8" DIP drain line that runs between the southwest side of the water tank and the catch basin located at Station 11+70. Water tank work zone located east of the Shared Access Driveway in Middletown. View to the southwest.

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