

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 22, 2021
Location:	Shared Access Driveway, Middletown	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	227
Contractor:	Ludlow Construction	Page:	1 of 10

Weather Conditions			
Conditions:	Daylight hours: Cloudy. Winds variable 0-17 mph.		
Temperature (°F):	High 46°F	Low	34F

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			
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 finished installing the 16" DIP between the altitude valve vault and the water tank located east of the Shared Access Driveway in Middletown.

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

Ludlow finished installing the 16" DIP between the altitude valve vault and the water tank and built a concrete form for the creation of a thrust block at a 45 MJ bend.

0708: Ludlow has resumed activities at the water tank work zone located east of the Shared Access Driveway in Middletown. They are continuing to place 16" DIP between the altitude valve vault and the water tank.

0848: Ludlow continues to place 16" DIP between the altitude valve vault and the water tank east of the Shared Access Driveway in Middletown.

0923: Ludlow demobilizes several side panels from the slide rail trench box that was used for the altitude valve vault excavation east of the Shared Access Driveway in Middletown.

Res. Representative:	J. Meunier	Date:	04/22/21
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1051: Ludlow has completed installing the 16" DIP to connect the altitude valve vault and the water tank.

1226: Ludlow is in the process of surveying the 16" DIP they installed between the altitude valve vault and the water tank for an as-built record. Ludlow is also installing a 3" gate valve right up against the water tank on the 3" DIP tank level sensor line that protrudes from the west side of the tank (about 3' south of where the 16" DIP protrudes from the west side of the water tank).

1329: Ludlow is in the process of backfilling underneath the 16" FLEX-TEND piping assembly that was attached to the west side of the water tank. Geofabric has been placed on top of fill, followed by 6" of ¾" gravel, followed by another layer of geofabric. Sand will then be placed on top of the top layer of geofabric and brought up to the invert of the 16" FLEX-TEND piping assembly, with at least 3" of sand placed beneath said assembly.

1417: Ludlow has finished backfilling underneath the 16" FLEX-TEND piping assembly that was attached to the west side of the water tank. Ludlow is currently building a form for concrete that will be poured to form a thrust block for the first bend of the 16" DIP located west of the 16" FLEX-TEND piping assembly.

1442: Ludlow is currently building a form for concrete that will be poured to form a thrust block for the first bend of the 16" DIP located west of the 16" FLEX-TEND piping assembly.

Res. Representative:	J. Meunier	Date:	04/22/21
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Picture 1: View of the piping that Ludlow installed yesterday between the altitude valve vault and the water tank located east of the Shared Access Driveway in Middletown. View to the northeast.

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Picture 2: Ludlow tightening the bolts on a megalug restrained connection as they continue to install 16" DIP between the altitude valve vault and the water tank located east of the Shared Access Driveway in Middletown. View to the south.

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Picture 3: Ludlow continuing to install 16" DIP between the altitude valve vault and the water tank located east of the Shared Access Driveway in Middletown. View to the east.

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Picture 4: The last section of 16" DIP that Ludlow installed between the altitude valve vault to the water tank located to the east of the Shared Access Driveway in Middletown. View to the south.

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Picture 5: 3" gate valve that Ludlow has attached to the 3" DI tank level sensor line that protrudes from the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the west.

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Picture 6: Ludlow building a form for concrete that will be poured to form a thrust block for the first bend of the 16" DIP located west of the 16" FLEX-TEND piping assembly. View to the east.

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Picture 7: 16" DIP after Ludlow completed connecting the water tank to the altitude valve vault and placed geofabric, $\frac{3}{4}$ ' gravel, and sand beneath the pipe. View to the west.

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Picture 8: Excavation between the water tank to the altitude valve vault located east of the Shared Access Driveway, Middletown. Fencing was placed around the excavation at the end of the workday for security. View to the south.