

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	November 17, 2020
<b>Location:</b>	Maple Avenue, Durham; Shared Access Driveway, Middletown	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	202
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 10

### Weather Conditions

Conditions: Daylight hours: Partly sunny. Winds variable 0-6 mph.  
 Temperature (°F): High 46°F Low 25F

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	1	x	8
				Foreman	2	x	8
				Dump truck Operator	4	x	8
				Excavator Operator	1	x	8
				Skid Steer/ Bucket Loader	1	x	8
				Laborers	6	X	8
				Note that some persons			
DN Tanks				Multiple pieces equipment.			
Superintendent	1	x	8				
Laborers	2	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 installed a gate valve on Maple Avenue, Durham to help isolate a leak in the 8” DIP water line.

DN Tanks finished partially filling the water tank with water located to the east of the Shared Access Driveway, Middletown.

Ludlow worked on addressing several housekeeping items at work zones located in Durham and Middletown.

### 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/>

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	11/17/20
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### Daily Activities – Installation of gate valve, Maple Avenue, Durham

Ludlow installed a gate valve on Maple Avenue, Durham to help isolate a leak in the 8" DIP water line.

0808: Ludlow is in the process of backfilling a test pit that they excavated on the southbound lane of Maple Avenue, Durham at Station 924+70 as they continue to look for the source of the leak on the 8" DIP water line they installed earlier in the year.

0820: Ludlow is excavating on the southbound lane of Maple Avenue, Durham at Station 925+55 to install a gate valve that they hope will help isolate a leak in the 8" DIP water line they installed earlier in the year.

0901: Ludlow setting up to pump water from the excavation on the southbound lane of Maple Avenue, Durham at Station 925+55 as they prepare to add a gate valve onto the 8" water line.

0905: Ludlow is in the process of cutting the 8" DIP water line on the southbound lane of Maple Avenue, Durham at Station 925+55 to install a gate valve.

0917: Ludlow has cut several slits into the 8" DIP water line at Station 925+55 on the southbound lane of Maple Avenue, Durham. Water is draining from the cuts and is being pumped into an adjacent catch basin.

1014: Ludlow has finished installing a gate valve at Station 925+55 on north end of the cut waterline on the southbound lane of Maple Avenue, Durham. Ludlow is currently attaching a MJ solid sleeve onto the south end of the cut waterline. Ludlow will place a 3' section of 8" DIP between the gate valve and a M.J. solid sleeve in order to connect each end of the water line to each other.

1055: Ludlow is in the process of backfilling and compacting soils that were removed during the installation of the gate valve at Station 925+55 on the southbound lane of Maple Avenue, Durham.

1134: Ludlow continues to backfill and compact the soils that were removed during the installation of the gate valve at Station 925+55 on the southbound lane of Maple Avenue, Durham.

1312: Ludlow is awaiting the arrival of asphalt so they can place temporary pavement on the areas that were disturbed during the excavation of the test pit and the installation of the gate valve on Maple Avenue, Durham.

### Daily Activities – Construction of water tank, Shared Access Driveway, Middletown

DN Tanks partially filled the water tank with water located to the east of the Shared Access Driveway, Middletown.

0740: Ludlow is present at the water tank zone located to the east of the Shared Access Driveway, Middletown preparing to add water to the water tank. The tank will be filled to just below the manway hatch on the west side of the water tank.

0753: United rentals has arrived at the water tank zone located to the east of the Shared Access Driveway, Middletown to demobilize one of the boom lifts. Eagle Leasing Company has arrived to demobilize the office trailer.

0955: Ludlow has stopped filling the water tank, as the water level rose to the bottom of the manway on the west side of the water tank. DN Tanks has one representative on site who is performing light housekeeping around the water tank work zone.

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1223: No one is present at the water tank work zone located to the east of the Shared Access Driveway, Middletown. The gate to the fence surrounding the water tank work zone has been locked.

### Daily Activities – Housekeeping, Durham and Middletown

Ludlow worked on addressing several housekeeping items at work zones located in Durham and Middletown.

0801: Ludlow is moving piping-related materials from the cul-de-sac located at the top of Talcott Ridge Drive and mobilizing them close to the water tank work zone.

0943: Ludlow has removed all of their materials from the Talcott Ridge Drive cul-de-sac in Middletown. Ludlow is also removing silt socks from catch basins located on Route 17.

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**Picture 1: Water level in the water tank located to the east of the Shared Access Driveway, Middletown at 0746 hours this morning, prior to Ludlow adding additional water.**

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**Picture 2: Ludlow compacting soil in test pit they excavated at Station 924+70 as the searched for the source of a leak on the 8" DIP water line on Maple Avenue, Durham. View to the southwest.**

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Picture 3: Ludlow beginning to excavate on the southbound lane of Maple Avenue, Durham at Station 925+55 to install a gate valve to help isolate a leak in the 8" DIP water line they installed earlier in the year. View to the west.

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**Picture 4: Ludlow in the process of installing a gate valve on the southbound lane of Maple Avenue, Durham at Station 925+55. View to the southwest.**



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Picture 5: Ludlow in the process of installing a gate valve on the southbound lane of Maple Avenue, Durham at Station 925+55. View to the south.

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**Picture 6: Water exiting the 8”DIP water line on the southbound lane of Maple Avenue, Durham at Station 925+55 where Ludlow cut slits in the pipe.**

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Picture 7: Ludlow in the process of installing a gate valve on the southbound lane of Maple Avenue, Durham at Station 925+55. View to the east.

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