

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 27, 2020
Location:	Maple Avenue, Main Street, and the Shared Access Driveway	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	128
Contractor:	Ludlow Construction	Page:	1 of 17

Weather Conditions

Conditions: Daylight hours. Sunny.
Temperature (°F): High 100°F Low 77°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	2	x	8	Superintendent	0	x	8
				Safety Officer	1	x	8
				Foreman	2	x	8
				Dump truck Operator	4	x	8
				Excavator Operator	4	x	8
				Skid Steer/Bucket Loader	1	x	8
				Laborers	6	X	8
				<i>Note that some persons</i>			
				<i>Multiple pieces equipment.</i>			
				Sub-contractor	2	X	8
				Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: Army Core of Engineers (Kurt and Bob)

Pipe Connections, Installations, and Other Work

Ludlow placed piping in the Allyn Brook stream bed to divert flow.

Ludlow installed curb stops on the west side of Main Street at Stations 176+50, 178+50, & 180.

DN Tanks continued to construct forms for the water tank. Four (4) yards of concrete was poured at the tank site.

Compaction Testing

Soil compaction testing was not performed today. Compaction test data for the project can be found here:

<https://www.nae.usace.army.mil/Portals/74/docs/Topics/DurhamMeadowsWaterline/CompactionTests/>

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In addition, soil compaction data is presented in the Contractor Daily Quality Control Reports located here:

<https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/>

Daily Activities – Stream Crossing, Maple Avenue

Ludlow began work on the Allyn Brook stream crossing at Maple avenue at Station ~905+00.

0716: Ludlow began to remove brush from the stream bed and load it into a dump truck.

0740: Ludlow began to place large sandbags and sheets of poly in the stream bed.

0800: Ludlow began to place two sections of corrugated pipe parallel with the stream bed to divert the flow.

1055: Ludlow created two sumps in the stream bed and began to pump water into a large frac tank.

1223: Ludlow is continuing to pump water into the frac tank.

1340: SAA

Daily Activities – Installation of Curb Stop(s), Main Street, Durham

Ludlow installed (3) curb stop(s) on Main Street at Station(s) 176+50, 178+50, & 180

0830: Ludlow began to rock hammer in front of the house on 318 Main Street (176+50). The trench line was dug for the service line and the curb stop. The curb stop is approximately 27' off the curb. An 8*4*4 piece of sidewalk was removed due to ledge.

1028: Ludlow began to install curb stop at the property on 308 Main Street (178+50). The curb stop is approximately 50' from the curb.

1145: Ludlow began to backfill and compact trenches for 318 and 308 Main Street. They then began to dig the trench line for 289 Main Street (180).

1316: Ludlow installed the curb stop at 289 Main Street. The curb stop is approximately 37' from the curb.

1400: Ludlow began to backfill and compact the trench at 289 Main Street.

Daily Activities – DN Tanks Mobilization, Shared Access Driveway, Middletown

DN Tanks spent the morning prepping for a small concrete pour (4 yards). They spent the remainder of the day building the

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concrete form for the frost wall.

0818: DN tanks and Ludlow prepping for concrete pour.

0930: Concrete mixer onsite to begin concrete pour. JTC and ACE onsite to see pour and conduct testing on the concrete.

1123: DN Tanks building forms for the tank wall.

1250: SAA

1420: SAA

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Picture 1: Ludlow construction removing brush, Maple Avenue, Station 905. View to the south.

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Picture 2: Ludlow construction removing brush, Maple Avenue, Station 905. View to the south.

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Picture 3: Ludlow construction installing sandbags and corrugated piping in the stream bed, Maple Avenue, Station 905. View to the west.

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Picture 4: Ludlow construction installing sandbags and corrugated piping in the stream bed, Maple Avenue, Station 905. View to the west.

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Picture 5: Ludlow construction installing sandbags and corrugated piping in the stream bed, Maple Avenue, Station 905. View to the west.

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Picture 6: DN Tanks placing concrete around a pipe for the water tank, Shared Access Driveway. View to the west.

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Picture 7: DN Tanks placing concrete around a pipe for the water tank, Shared Access Driveway. View to the west.

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Picture 8: JTC testing the concrete being placed, Shared Access Driveway. View to the east.

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Picture 9: Concrete air entrainment indicator reading 1.4, Water Tank, Shared access driveway.

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Picture 10: Ludlow construction installing curb stop, 308 Main Street, Station 178+50. View to the south.

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Picture 11: Water being pumped from sumps into frac tank, Maple Avenue, Station 905. View to the west.

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Picture 12: DN Tanks constructing concrete forms for water tank side panels, Shared access driveway. View to the east.

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Picture 13: Ludlow construction installing curb stop, 289 Main Street, Station 180+00. View to the south.

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Picture 14: Ludlow construction installing curb stop, 318 Main Street, Station 178+50. View to the east.

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