

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	August 4, 2020
<b>Location:</b>	Maple Avenue, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	133
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	<b>1 of 10</b>

### Weather Conditions

**Conditions:** Daylight hours. Cloudy. Light Rain. Strong Winds – 15 -20 mph.

**Temperature (°F):** High 82°F Low 77°F

Contractors & Subcontractors Workforce					Equipment in Use							
Trade	#	x	hrs		Trade	#	x	hrs	Type	#	x	hrs
USACE					Ludlow Construction				Concrete/Asphalt Road Saw	1	x	8
Field Engineer	3	x	8		Superintendent	0	x	8	Dump truck	5	x	8
					Safety Officer	1	x	8	Excavator – Large	3	x	8
DN Tank					Foreman	2	x	8	Excavator - Mid-Size	1	x	8
Foreman	1	X	8		Dump truck Operator	4	x	8	Excavator - Rubber Wheeled – Rock	0	x	8
Laborers	2	X	8		Excavator Operator	4	x	8	Skid Steer / Bucket Loader	1	x	8
					Skid Steer/Bucket Loader	1	x	8	Rolling Compactor	1	x	8
					Laborers	6	X	8	Plate Compactor	1	x	8
					<i>Note that some persons</i>				Jumping Jack Compactor	1	x	8
					<i>Multiple pieces equipment.</i>				Street Sweeper (Broce Broom)	1	x	8
									Material Hopper	1	x	8
					Sub-contractor	2	X	8	Pipe saw	1	x	8
					Municipal Police Detail	0	X	8	Light Tower	0	x	8
					State Police Detail	0	X	8				

**Visitors:**

## Pipe Connections, Installations, and Other Work

Ludlow spent the entire day installing DIP south on Maple Avenue.

Ludlow installed one (1) curb stop with a new corporation stop on the west side of Main Street at Station 205+50 (#174 Main Street).

DN tanks spent the entire day continuing to construct concrete forms and preparing for water pipe testing.

## 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/>

**Res. Representative:**

D. Kielbania

**Date:** 8/4/20

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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 spent the entire day installing 246.5' of 12" DIP from Station 904+50 TO 902+03.5. Ludlow also finished running pipe on the Durham Fairground side and up the field toward the road from Station 904 + 69.5 TO 904+50. Ludlow installed a gate valve at station 904+49.

0710: Ludlow began to dig a trench line south on Maple Avenue.

0827: Ludlow is beginning to install sections of DIP to the south of the stream crossing.

0930: SAA

1115: Ludlow is backfilling the areas where they have laid DIP and grading the area with a bulldozer.

1330: Ludlow is making their way up towards the road at Maple Avenue.

1350: Ludlow is cleaning up for the day before the heavy rains come.

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

Ludlow installed one (1) curb stop on the east side of Main Street at station 205+50 (#174 Main Street).

0845: Ludlow is beginning to dig a trench line at station on the hill at station 205+50. This area is located outside of a house under construction.

0947: Ludlow is beginning to install the service line and curb stop at station 205+50.

1030: Ludlow has installed the curb stop at station 205+50. Ludlow is beginning to tamp down the area near the house.

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

DN Tanks spent the day prepping for the pressure test on the pipes for the water tank.

0740: Ludlow construction is onsite attaching fittings to the pipes in preparation for the pressure testing.

0910: DN tanks continuing to construct the concrete forms for the water tank.

1000: SAA.

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1130: DN Tank and Ludlow are filling the pipes with water in preparation for the pressure testing. A pressure gauge was also installed at the end of one of the pipes.

1300: SAA

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**Picture 1: Ludlow construction digging trench lines to the south of the stream crossing, Maple Avenue, Stations 904+50 to 902+03.5. View to the west.**

**Res. Representative:**

D. Kielbania

**Date:** 8/4/20



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**Picture 2: Ludlow construction installing a 20' section of DIP south of the stream crossing, Maple Avenue, Station 904+50 to 902+03.5. View to the east.**

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**Picture 3: Ludlow Construction and DN Tanks preparing for the pressure testing of the water tank piping, Shared Access Driveway, View to the southeast.**

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Picture 4: Pressure gauge attached to the water tank piping, Shared Access Driveway. View to the north.

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Picture 5: Ludlow digging a trench line up on the hill at station 205+50, Main Street (#174), Station 205+50. View to the north.

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**Picture 6: Ludlow Construction working on joining a 20' section of 12" DIP south of the stream crossing, Maple Avenue, Stations 904+50 to 902+03.5. View to the north.**



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Picture 7: Ludlow grading the area where the DIP was laid south of the stream crossing, Maple Avenue, Stations 904+50 to 902+03.5. View to the north.