

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 21, 2020
<b>Location:</b>	Main Street, Water tank access road, Durham & Middletown, CT	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	62
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	<b>1 of 10</b>

### Weather Conditions

**Conditions:** Daylight hours. Cloudy, rain, winds variable 0-20 mph.

**Temperature (°F):** High 56°F Low 36°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	2	x	8		Superintendent	0	x	8	Dump truck	5	x	8
					Safety Officer	1	x	8	Excavator – Large	3	x	8
					Foreman	2	x	8	Excavator - Mid-Size	1	x	8
					Dump truck Operator	4	x	8	Excavator - Rubber Wheeled – Rock	0	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	0	x	8
					Sub-contractor	1	x	8	Pipe saw	1	x	8
					Middletown Police Dept.	0	x	8	Light Tower	0	x	8
					State Police Detail	3	x	8				

<b>Visitors:</b>	Steve Wright, CTDOT.
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**Notes:**

**Pipe Connections and Installations:** Ludlow placed restrained 16" DIP from Station 163+20 to Station 164+16. The last 9' is comprised of two sections of 16" DIP that connect two 16" M.J. butterfly valves and a 16"x16"x8" M.J. C.L.D.I. Ludlow also placed RCP from ~Station 15+10 to the Type C catch basin that was installed yesterday at Station 14+40. In addition, Ludlow installed a 1" service connection at ~Station 15+00 that will service 216 Talcott Ridge Drive.

**Compaction Testing:** JTC was present to perform compaction testing today. The results of the testing were not provided to AECOM at the time this report was written.

**Additional data:** Ludlow also installed a Type C catch basin at Station 14+40 on 4-20-20.

## Daily Activities

DMC April 21, 2020

0715: Arrive on site. Ludlow is picking up where they left off at Station 163+20, placing 16" DIP moving south.

0739: Ludlow crew is working on the tank access road cleaning silt away from the silt fence in the vicinity of Station 14+40.

**Res. Representative:** J. Meunier

**Date:** 4/21/20

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0745: Ludlow places 20' of 16" DIP south of Station 163+20. Some water observed in excavation. Water pumped out to the excavation to the catch basin located on the corner of Main Street and Route 147 West.

0815: Ludlow places another 20' of 16" DIP. Ludlow empties the silt bag in the catch basin located on the corner of Main Street and Route 147 West.

0815: Ludlow has placed another 20' piece of 16" DIP.

0916: Ludlow has placed another 20' piece of 16" DIP.

0940 Ludlow cutting pipe. Two JTC personnel arrive on site to perform soil compaction tests.

0955: Ludlow preparing to place 13' section of 16" DIP. This will bring the installed pipe to Station 164+07.

1044: Ludlow placing RCP across the tank access road from the west side of road diagonally across to the catch basin installed yesterday at Station 14+40. Excavation on the west side of the road starts at approximately Station 15+10.

1058: Steve Wright from CT DOT arrives at intersections of Main Street and Route 147.

1116 USACE representatives just kicked Ludlow out of the trench on Main Street because the trench box was not set properly (it was sticking up quite a bit above grade as it was sitting on rock along the side walls of the trench)

1127: Ludlow has the trench box positioned properly where the butterfly valve assembly will be placed.

1150: Ludlow placing 8.7' double butterfly valve/Tee assembly into trench. Wind has picked up and is gusting up to 20 mph.

1222: Ludlow has installed a 1" copper service line that will service to 216 Talcott Ridge Drive.

1235: Ludlow transitioning from 1" copper service line to 1" blue plastic line (ASTM D-2737). Ludlow attaches a stainless steel rod to a valve where at the copper/plastic junction that will be placed inside of a road box.

1255: Ludlow places in other section of reinforced concrete pipe across from 216 Talcott Ridge Drive driveway.

1302: Moderate rain starts to fall.

1310: Ludlow currently backfilling trench at the intersection of Main Street and Route 147 West.

1350: Ludlow continues to backfill at the intersection of Main Street and Route 147 West. Heavy rain is starting to come down.

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### Payment Items:



Picture 1: Type C catch basin that was installed at Station 14+40 on April 20, 2020. View to the southeast.



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**Picture 2: Culvert placed on the south side of the tank access road between the driveways for 224 and 216 Talcott Ridge Drive at ~Station 15+10. View to the northeast.**

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**Picture 3: Position of trench box just after the USACE representatives directed Ludlow personnel out of the trench so the box could be placed deeper and provide more safety. View to the south.**

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**Picture 4: 16" DIP placed beneath storm drain pipe at the intersection of Main Street and Route 147 West. View to the south.**

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Picture 5: Ludlow installing two sections of 16" DIP that connect two 16" M.J. butterfly valves and a 16"x16"x8" M.J. C.L.D.I.

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Picture 6: 1" plastic pipe used in conjunction with 1" copper pipe for service connection to 216 Talcott Ridge Drive.

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Picture 7: 1" plastic pipe connected to 1" copper pipe for service connection to 216 Talcott Ridge Drive.

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Picture 8: Placing RCP storm drain culvert at ~Station 15+00. View to the northeast.

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