

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 15, 2020
<b>Location:</b>	Packhouse Hill Road, Water tank, Durham & Middletown, CT	<b>Day of Week:</b>	Wednesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	58
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Weather Conditions			
<b>Conditions:</b>	Daylight hours. Cloudy, winds variable 0-11 mph.		
<b>Temperature (°F):</b>	High 53F	Low 41°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 Op.	1	x	8
				Laborers	6	x	8
				<i>Note that some persons operate</i>			
				<i>Multiple pieces equipment.</i>			
				Sub-contractor	1	x	8
				Middletown Police Detail.	2	x	8
				State Police Detail	0	x	8

<b>Visitors:</b>	NONE
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<b>Notes:</b>
<p><b>Pipe Connections:</b> Ludlow was observed to have placed 197' of 20" DIP (water tank access road), 20' of 16" DIP (Station 124+71) and a fire hydrant assembly (Station 118+98).</p> <p><b>Update on yesterday's quantities:</b> Ludlow reports the following quantities for April 14, 2020:</p> <ul style="list-style-type: none"> <li>Finished running 8" DIP off of Route 17 into the Booster Station location</li> <li>Placed 100' of 8" DIP (Station 751+45.5 TO 750+45.5)</li> <li>Placed 8X8X8 TEE AT Station 750+45.5</li> <li>Placed one 8" gate valve at Station 750+42.5</li> <li>35.46 cubic yards of bank run gravel</li> <li>100'saw cutting on State roads</li> </ul> <p><b>Compaction Testing:</b> Jerry Brandon (Ludlow QA/QC) provided the following results from the compaction testing performed yesterday:</p>

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~Station 99+80:

1. 95.9% - 7.0%
2. 97.3% - 6.1%
3. 95.7% - 4.3%
4. 97.4% - 5.5%
5. 98.1% - 5.2%

~Station 99+50 area

1. 96.3% - 5.8%
2. 97.1% - 5.9%
3. 98.0% - 5.9%
4. 97.0% - 4.9%
5. 96.6% - 5.3%

~Station 99+00 (0-25)

1. 97.3% - 5.3%
2. 97.0% - 5.0%
3. 96.8% - 5.9%
4. 96.5% - 6.2%
5. 97.7% - 6.6%

**Other:** Ludlow saw-cutting subcontractor was on site today, operating on Main Street.

**Additional data:** None.

### Daily Activities

0710: arrive at site. No Rain.

0715: Ludlow is pressure testing water line at the intersection of Main and Little Lane. A second Ludlow crew is working at the Station 124+71, preparing to install 16" DIP.

0723: Ludlow crew is working on the tank access road, preparing to place 20" DIP. Silt fencing along the tank pad road was inspected and found to be in good condition.

0733 Ludlow is excavating across the northbound lane of South Main Street at Station 124+71 for water meter vault discharge connection. There are two Middletown police officers providing traffic detail. Ludlow has 2 excavators, 2 dump trucks, and three laborers working at this location.

0750: Ludlow has another crew with subcontractor cutting asphalt just south of Route 68 on the southbound lane of Main St.

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0822: Ludlow has daylighted the high-pressure gas line and storm drain on the northbound lane of South Main Street. They are currently cutting an 11' section of 16" DIP that will be placed at the bottom of the trench.

0929: Ludlow has the 11' section of 16" DIP in place. They are currently adding another 9' section of 16" DIP (placement of the pipe is to the east, towards the water meter vault). Ludlow has had to pump a small amount of water out of the trench. It's being directed into the catch basin at the corner of Acorn Drive and Main Street. According to Ludlow this catch basin couldn't be opened to place a silt sock so they placed filter fabric over it and bermed it with 3/4" gravel.

1120: Ludlow continues to place 20" DIP along the tank access road.

1145: Ludlow currently placing hot patch on the backfilled trench at Station 124.71. Total pipe installed at this location: 20' of 16" DIP.

1208: Ludlow excavating across the southbound lane of South Main Street at Station 118+98 for the placement of a hydrant in front of Compass Powder Coating LLC. The planned hydrant location is 3 feet west of the edge of Main Street.

1233: Ludlow has daylighted a previously installed valve box to which they will be placing 6" DIP west (towards the hydrant install). A small amount of water showed up in the trench: it appeared to come from the bedding located beneath the valve box. There was not enough water to warrant removal.

1300: The hydrant assembly has been placed at Station 118+98. In addition, Ludlow placed a valve box over the previously installed hydrant valve. Final placement of the hydrant: 16" from pumper nozzle to edge of pavement.

1352: Ludlow has placed 197 feet of restrained and unrestrained 20 inch DIP on the tank access road so far today.

1402: Ludlow has finished hot patching the trench at Station 118+98.

1409: Ludlow continuing to perform pressure testing at Little Lane.

### Payment Items:

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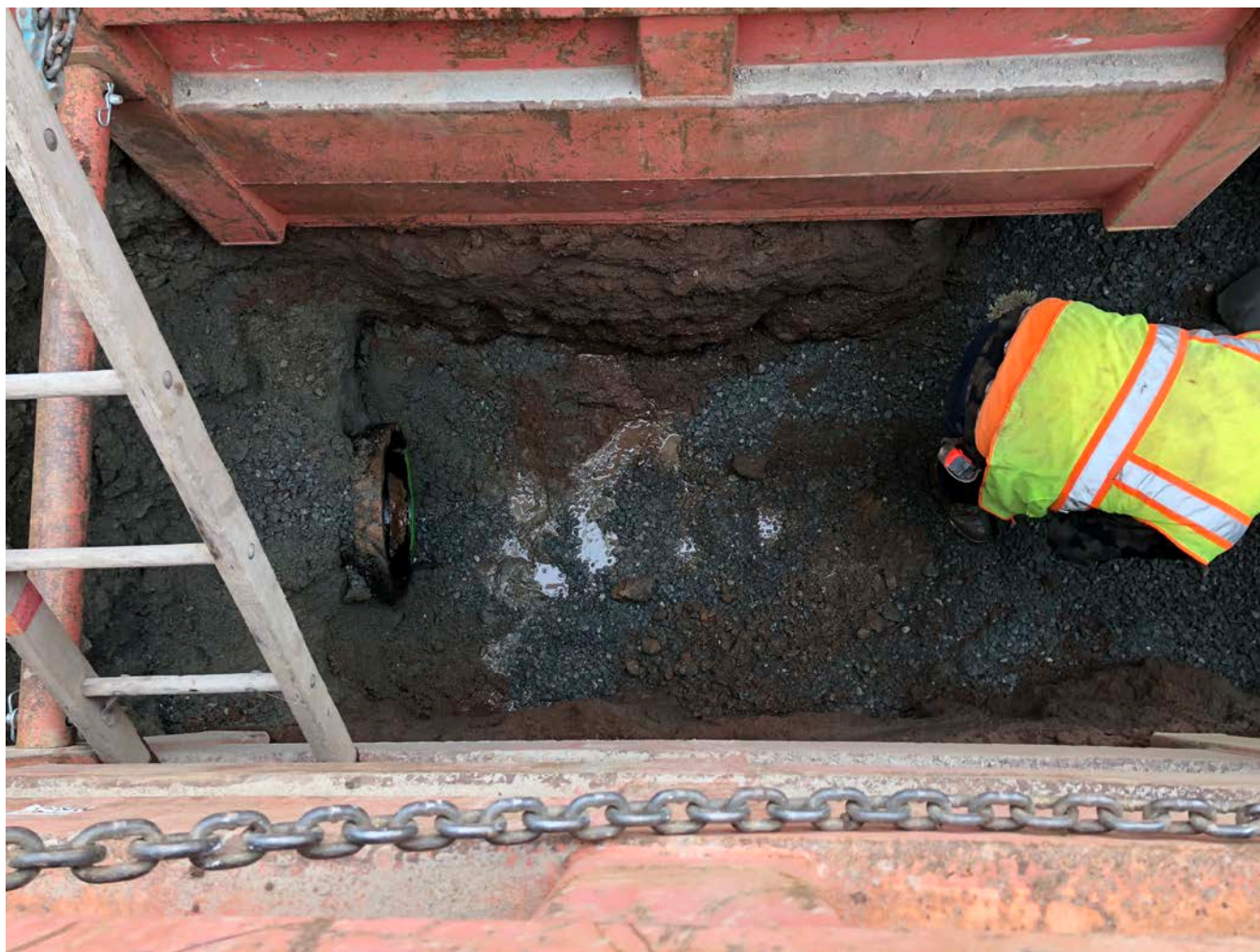
Picture 1: Ludlow beginning to excavate at Station 124+71. View to the east.

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Picture 2: Small amount of water observed in the bottom of the trench at Station 124+71.

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Picture 3: Ludlow placing 20" DIP at the tank access road. View to the east.

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Picture 4: Ludlow placing 20" DIP at the tank access road. View to the northwest.

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Picture 5: Ludlow placing hot patch at Station 124+71.

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Picture 6: Ludlow excavating at Station 118+98 in preparation to install hydrant assembly.

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Picture 7: Hydrant assembly being placed at Station 118+98. View to the north.

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Picture 8: Ludlow placing hot patch at Station 118+98. View to the northeast.

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