

Daily Report

Project: Date: April 17, 2020 **Durham Meadows Pipeline Installation** Day of Week: Friday **Location:** Main Street, Water tank, Durham & Middletown, CT Report No: 60 Project #: AECOM: 6061487 1 of 13 Page: **Contractor: Ludlow Construction**

Weather Conditions

Conditions: Daylight hours. Partly cloudy, winds variable 0-7 mph.

Temperature (°F): High 51°F 37°F Low

Contractors & Subcontractors Workforce							
Trade	#	Х	hrs	Trade	#	Х	hrs
USACE				Ludlow Construction			
Field Engineer	1	Х	8	Superintendent	0	Х	8
				Safety Officer	1	Х	8
				Foreman	2	Х	8
				Dump truck Operator	4	Х	8
				Excavator Operator	4	Х	8
				Skid Steer/Bucket Loader	1	Х	8
				Laborers	6	Х	8
				Note that some persons			
				Multiple pieces equipment.			
				Sub-contractor	1	Х	6
				Middletown Police Dept.	0	Х	8
				Police Officer Detail	2	Х	8

Equipment in Use				
Туре	#	х	hrs	
Concrete/Asphalt Road Saw	1	Х	8	
Dump truck	5	Х	8	
Excavator – Large	3	Х	8	
Excavator - Mid-Size	1	Х	8	
Excavator - Rubber Wheeled – Rock	0	Х	8	
Skid Steer / Bucket Loader	1	Х	8	
Rolling Compactor	1	Х	8	
Plate Compactor	1	Х	8	
Jumping Jack Compactor	1	Х	8	
Street Sweeper (Broce Broom)	1	Х	8	
Material Hopper	0	Х	8	
Pipe saw	1	Х	8	
Light Tower	0	Х	8	

Visitors:

Steve Wright, CTDOT.

Notes:

Pipe Connections and Installations: Ludlow placed 105' of 16" DIP (Station 160+05 to Station 161+10), a Tee and valve box (Station 160+90), a 16" butterfly valve (Station 161+10), a 16"x16"x16"x16" Tee (Station 161+14), and a 16" butterfly valve (Station 161+18), a hydrant assembly (Station 14+69) and an air release valve (Station 17+91).

Update on yesterday's quantities: Ludlow states that they placed 139.95' of 20" restrained DIP from Station 12+52 to Station 11+14 on 4-16-20. In addition, Ludlow states that they placed 10' of 6" DIP (Station 137+73), a Manual Water Main Drain (Station 137+73), 9.78 cubic feet of bank run gravel, and performed 12' of saw cutting on a State road (6' at Station 137+73 and 6' at Station 128+58).

Compaction Testing: JTC was present to perform compaction testing today. The results of the testing are as follows:

Station 160+00 99% - 5.5%

97.3% - 6.4%

97.5% - 6.1%

98.6% - 4.5%

97.9% - 5.1%

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Station 160+25 96.1% - 5.6% 95.7% - 6.4% 99.5% - 6% 97.3% - 5.2% 96.9% - 4.1% Station 160+50 96.8% - 6.4% 97.2% - 5.8% 96.9% - 5.5% 96.6% - 4.1% 97.7% - 4.8% Station 160+75 95.0% - 5.3% 96.3% - 5.4% 97.7% - 6.0% 98.2% - 5.1% 97.4% - 6.1% Station 161+00-761+15 (T Joint) 99.2% - 5.0% 99.7% - 4.2% 98.4% - 4.8% 97.5% - 4.9% 98.5% - 5.9%

Additional data: None.

Daily Activities

0715: arrive on site. One Ludlow crew is working near the top of the tank access road near the tank pad. They are preparing to perform a pressure test; testing apparatus is connected to a temporarily-installed fitting.

0730: A second Ludlow crew has begun to excavate on the southbound lane of Main Street at Station 160+05, moving in a southbound direction. Ludlow is currently excavating and liveloading asphalt and concrete from the trench and into dump trucks.

0825: Ludlow has daylighted a storm drain running perpendicular to Main Street. The corrugated metal pipe was observed to have several holes corroded through its walls. Ludlow is encountering a small amount of water in the bottom of the trench which they are currently pumping the adjoining field located west of the excavation.

0855: Ludlow has daylighted the blanked-off end of the previously installed 16" DIP water line. Ludlow removed the cap off the end of the pipe and a 2' section of 16" DIP that was attached to the cap and will start to connect additional sections of 16" DIP here.

0914: Ludlow has connected a 20' section of 16" DIP to the end of the previously installed pipe that was just daylighted from \sim Station 160+05 to \sim Station 160+25.

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0925: Ludlow ha	s placed a second 20' section of 16" DIP from ~ Station 160+25	to ~Station 160+45.	
0950: Ludlow ha	s placed a third 20' section of 16" DIP from $^\sim$ Station 160+45 to	~Station 160+65.	
1030: Ludlow pr	eparing to install a hydrant assembly today at Station 14+69.		
	irst compaction test today off of the first 8" lift of 3"- minus gr " DIP from \sim Station 160+65 to \sim Station 160+85.	avel at ~Station 160+10. Ludlo	w has placed a fourth
1105: Ludlow is S	Station 160+90, placing a 3' section of 16" DIP with a 16"x6"x16	6" with a 6"x6" valve box attach	ned to it.
Street and Route	rrently discharging water from the excavation down Main Stree 147. The catch basin is not outfitted with a sock or other mea bout the situation. He instructed Ludlow to place a silt sock in	ans to filter out silt. I notified th	
1200: Steve Wrig	ht from Connecticut DOT arrives at the excavation work being	performed on Main Street.	
1215: Ludlow pla	ces a silt sock in catch basin at corner of Main Street and Rout	e 147.	
1232: Ludlow is i	nstalling a 1" air release valve at Station 17+91.		
1325: Ludlow in: 161+18).	stalls a 16" butterfly valve (Station 161+10), a 16"x16"x16" Tee	e (Station 161+14), and a 16" bu	itterfly valve (Station
	ishing installation of hydrant assembly across from 212 Talcott to the valve box that comes off of the 20" DIP they connected to	=	They have also placed
1410: Ludlow ba	ckfilling trench at Main Street. JTC still present on site to collec	ct soil compaction data. Depar	t Site.
Payment Items:			

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Picture 1: Ludlow placing temporary air release on 20" DIP at the top of the tank access road in order to perform pressure test.

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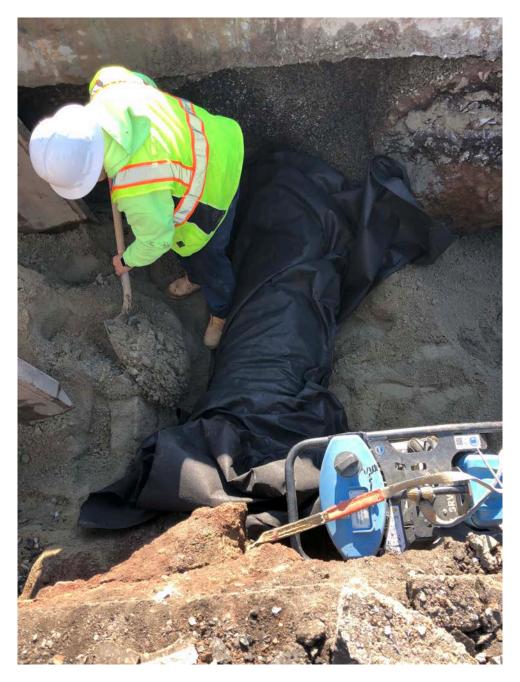
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Picture 2: Ludlow pumping water from a temporary dewatering well placed at ~Station 15+00.

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Picture 3: Section of metal storm drain pipe with holes corroded through its walls that Ludlow has wrapped in filter fabric prior to backfilling at ~Station 160+20.

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Picture 4: Ludlow preparing to install a hydrant assembly today at Station 14+69. View to the southeast.

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Picture 5: JTC personnel performing soil compaction test at ~Station 160+10.

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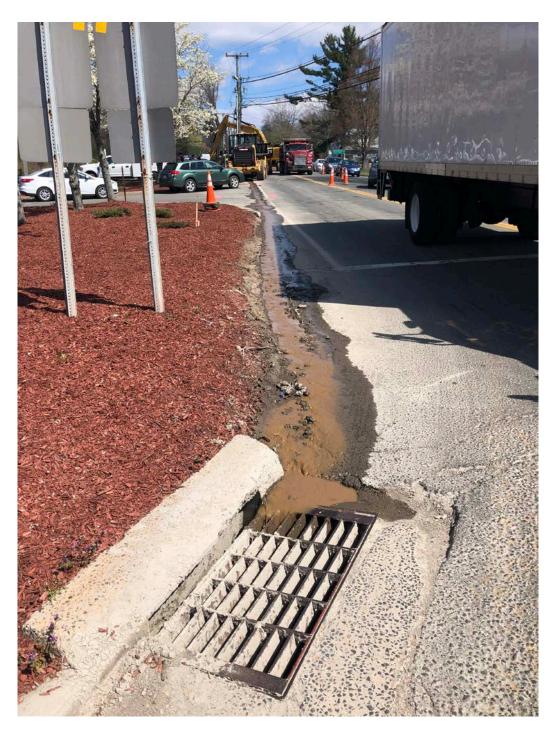
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Picture 6: Butterfly valves and piping that were installed from Station 161+10 to Station 161+18.

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Picture 7: Water being pumped from excavation at ~Station 160+90 and being discharged to catch basin on the corner of Main Street and Route 147.

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Picture 8: Ludlow tapping 16" DIP to install fitting for curb stop at ~Station 161+05.

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Picture 9: Tee and valve box installed at Station 160+90 for future installation of fire hydrant assembly.

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Picture 10: Hydrant assembly being backfilled at Station 14.69.

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