

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 6, 2020
<b>Location:</b>	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	<b>Day of Week:</b>	Monday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	54
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	<b>1 of 10</b>

## Weather Conditions

**Conditions:** Daylight hours. Sunny, winds variable 0-10-20 mph.

**Temperature (°F):** High 61°F Low 42°F

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

<b>Visitors:</b>	NONE
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**Notes:**

**Pipe Connections:** Ludlow was observed to have placed 80' of 20" DIP (water tank access road), 12' of 16" DIP (Station 124+65), and one fire hydrant assembly (Station 124+65) today. All pipe installed today was restrained. Final quantities will be reported in the Daily Report for 4-7-20.

**Compaction Testing:** No compaction tests performed today.

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

## Daily Activities

0720: Ludlow is set up at Station 124+65, close to where South Main Street and Acorn Dr. intersect and at the site for the water meter vault. Two Middletown police officers are on traffic detail. The northbound lane has been closed off to traffic. Ludlow begins by breaking pavement on northbound side of South Main Street. The asphalt is underlain with reinforced concrete, both of which have been pre-cut.

0800: A second Ludlow crew begins to break pavement at the Talcott Ridge cul-de-sac using a CAT336E excavator in preparation for the installation of 20" DIP under the access road to the future water tank.

0813: At Station 124+65, Ludlow has daylighted the high-pressure gas line that runs beneath the north-bound lane of South Main

**Res. Representative:**

J. Meunier

**Date:** 4/6/20

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Street, as well as an existing T-fitting on the 16" water line that runs beneath South Main Street. Water is observed in the bottom of the excavation, 91" below surface grade. Ludlow sets up a pump and hose to redirect the water into a catch basin located next to the intersection of Acorn Drive and South Main Street. The water is filtered through filter fabric ( the same fabric that is being placed beneath the DIP during installation) and covered with ¾" stone. Ludlow foreman John Poi stated that Ludlow was dealing with the water in this manner as he said that Ludlow wasn't able to get the lid off the catch basin to install a silt trap.

0847: Ludlow has daylighted the terminus of the previously-installed 20" DIP at the Talcott Ridge cul-de-sac, in preparation to connect additional sections of 20" DIP beneath the water tank access road. Approximately 30' of trench is open right now. A small amount of water is visible 7' below surface grade where the previously installed 20" DIP was daylighted.

0905: Ludlow preparing to place first section of 20' DIP, attaching it via restrained connection to existing 20" pipe at the Talcott Ridge cul-de-sac

0920: At Station 124+65, Ludlow has solved the problem of slow filtration through filter fabric covering the catch basin by punching at least two quarter-sized holes in the filter fabric.

0940: Ludlow prepares to place a 12' section of 16" pipe across the northbound lane of South Main Street, connecting it to the existing 16" waterline running under South Main Street.

1100: Ludlow has connected the 12' section of 16" DIP to a previously installed T-fitting on the 16" waterline. In addition to the high-pressure gas line that runs beneath the northbound lane of South Main Street, Ludlow has daylighted the storm drain that runs along the eastern edge of South Main Street. Ludlow currently has five laborers, two excavator operators, and their health and safety guy present at Station 124+65.

1135: Ludlow has a third crew working; saw cutting on the southbound side of Main Street where it intersects Route 147 West.

1220: Talcott has placed three 20' sections of 20" DIP.

1315: Ludlow has installed fire hydrant assembly at Station 124+65.

### Payment Items:

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**Picture 1: Ludlow begins to excavate at Station 124+65. View to the east toward the water meter vault site.**

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Picture 2: Ludlow pumping water from trench to catch basin covered with filter fabric and  $\frac{3}{4}$ " stone. View to the north.

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Picture 3: Close-up of catch basin covered with filter fabric and 3/4" stone, receiving water pumped from trench at Station 124+65.

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Picture 4: Excavation at Station 124+65, with high pressure gas line and existing 16" T-fitting visible

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Picture 5: Water visible at 91" below surface grade at Station 124+65.

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Picture 6: Ludlow installing 12' section of 16" pipe at Station 124+65. High pressure gas line visible in the center of the photo; Storm drain line visible on the very left-hand side of the picture. View to the south.



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Picture 7: Fire hydrant assembly installed at Station 124+65. View to the east.

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Picture 8: Fire hydrant assembly installed at Station 124+65. View to the north.

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