

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 9, 2022
Location:	Main Street, Durham; Long Hill Road and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	421
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions

Conditions: Daylight hours: Sunny. Wind variable 0-15 mph.
 Temperature (°F): High 70°F Low 39°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	X	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	0	X	8
				Safety Officer	0	X	8
				Foreman	1	X	8
				Dump truck Operator	0	X	8
John Turner Consulting	1	x	8	Excavator Operator	1	X	8
Grela Well Drilling	0	X	8	Skid Steer/Bucket Loader	0	X	8
Fazzino Plumbing	0	X	8	Laborers	2	X	8
United Concrete	1	x	8	Note that some persons operate			
DN Tanks	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
Harper Haines	1	x	8	Sub-contractor	5	X	8
A&R Electrical	2	x	8	Municipal Police Detail	0	X	8
Knapp Engineering	0	x	8	State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow resumes construction on the sidewalk located around the perimeter of the water tank. Farmington Ready-Mix delivered two loads of 4000 concrete to the water tank work zone for placement in the concrete forms that surround the tank for the installation of a sidewalk. John Turner Consulting (JTC) was present to collect QC samples from the concrete. Ludlow is also continued to place 3/8" rock on top of black geofabric along the toe of the chain-link fence surrounding the water tank. Ludlow, Harper Haines Fluid Control, and United Concrete worked to set the altitude valve at the altitude vault. A&R Electrical continued to work on wiring associated with the chlorination system that is being installed in the southeast corner of the Long Hill pump station. Ludlow, Harper Haines Fluid Control, and United Concrete ran startup operations at the PRV vault.

Daily Activities – Water tank work zone, Shared Access Driveway, Middletown

Ludlow resumes construction on the sidewalk located around the perimeter of the water tank. Farmington Ready-Mix delivered two loads of 4000 concrete to the water tank work zone for placement in the concrete forms that surround the tank for the installation of a sidewalk. John Turner Consulting (JTC) was present to collect QC samples from the concrete. Ludlow is also continued to place 3/8" rock on top of black geofabric along the toe of the chain-link fence surrounding the water tank. Ludlow, Harper Haines Fluid Control, and United Concrete worked to set the altitude valve at the altitude vault.

Res. Representative:	J. Meunier	Date:	5/9/22
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0715: Ludlow has mobilized back to the water tank work zone located east of the Shared Access Driveway to resume construction on the sidewalk located around the perimeter of the water tank.

0726: Ludlow is expecting an 8-yard load of 4000 PSI concrete to be delivered to the water tank work zone this morning. Ludlow plans to fill every other panel of the concrete form for the sidewalk surrounding the water tank today. Ludlow is currently placing expansion joints and 4" x 4" wire mesh at those panels of the concrete form that are getting poured today.

0829: Ludlow continues to place expansion joints and 4" x 4" wire mesh at those panels of the concrete form that are getting poured today. Ludlow is also placing 3/8" rock on top of black geofabric along the toe of the chain-link fence located west of the water tank.

0904: A representative from John Turner Consulting (JTC) has mobilized to the water tank work zone to collect QC samples from the concrete when it arrives. Ludlow has removed the steel chairs from under the 4"x4" steel mesh because the screen wasn't sitting right on them. Ludlow will instead place a lift of concrete, followed by the 4"x4" steel mesh, followed by a final lift of concrete.

0948: The first load of concrete from Farmington Ready-Mix arrives at the water tank work zone.

0958: Ludlow begins to pour concrete into one of the panels of the sidewalk that is being constructed around the perimeter of the water tank. Ludlow places 4"x4" mesh over the concrete and places a second lift of concrete over the screen

1005: Ludlow continues to fill the panel of the concrete form and is leveling the top using a 2"x4" run along the form.

1009: Ludlow, Harper Haines Fluid Control, and United Concrete arrive at the altitude vault to set the altitude valve.

1033: The JTC representative is currently collecting QC samples from the first load of concrete delivered to the water tank work zone by Farmington Ready-Mix.

1050: Ludlow and Farmington Ready-Mix are placing concrete in the form panel that surrounds the base of the blower located on the northeast side of the water tank. Ludlow is running a bull float across the top of the freshly-filled panels.

1117: Ludlow is saw cutting the catch basin located at Station 13+00 as this catch basin is scheduled to be raised.

1123: A second truck from Farmington Redimix has delivered 7 yards of 4000 PSI mix to the . They are currently working on the panel that surrounds the blower base located on the north east side of the tank.

1128: Harper Haynes and United Concrete are setting the altitude valve at the altitude vault located at the water tank work zone.

1239: Ludlow has finished placing concrete at every other panel of the sidewalk form that surrounds the water tank.

1320: Harper Haynes and United Concrete continue to work on setting the altitude valve at the altitude vault located at the water tank work zone.

1329: Ludlow is cutting up 4" steel mesh that will be used to reinforce the concrete they will pour tomorrow in the remaining panels of the sidewalk surround in the water tank.

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1406: Ludlow continues to cut 4" steel mesh that will be used to reinforce the concrete they will pour tomorrow in the remaining panels of the sidewalk surround in the water tank.

1431: Ludlow has finished working at the water tank work zone and is closing up the gate to the tank.

Daily Activities – Long Hill pump station, Long Hill Road, Middletown

A&R Electrical continued worked on installing wiring related to the installation of a chlorination system at the Long Hill pump station.

Daily Activities – PRV vault, Main Street, Durham

Ludlow, Harper Haines Fluid Control, and United Concrete ran startup operations at the PRV vault.

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Picture 1: Ludlow placing expansion joints on the concrete form they built for the construction of the concrete sidewalk they are installing around the base of the water tank located east of the Shared Access Driveway in Middletown.

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Picture 2: Ludlow placing 3/8" stone over black geofabric at the toe of the chain link fence located west of the water tank located east of the Shared Access Driveway in Middletown. View to the south.

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Picture 3: A&R Electrical continuing the installation of wiring at the Long Hill pump station in Middletown that is associated with the new chlorination system. View to the southeast.

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Picture 4: Ludlow and Farmington Ready-Mix placing concrete in one of the sidewalk form panels on the west side of the water tank located east of the Shared Access Driveway in Middletown. Note the sheet of 4"x4" steel mesh located between 2 lifts of the 4000 PSI mix they are pouring. View to the east.

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Picture 5: Ludlow using a 2"x4" to level the top of the concrete they are pouring as part of sidewalk installation activities on the west side of the water tank. View to the west.

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Picture 6: JTC preparing QC samples collected from the first load of 4000 PSI mix that Farmington Ready-Mix delivered to the water tank work zone. View to the southwest.

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Picture 7: Ludlow placing 4"x4" steel screen in the panel that surrounds the base of the blower located on the northeast side of the water tank. View to the northwest.

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Picture 8: Ludlow using a bull float to smooth the top of the 4000 PSI mix that was just poured on the southeast side of the water tank. View to the west.

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Picture 9: Ludlow saw cutting pavement around the catch basin located at Station 13+00 on the Shared Access Road in Middletown. The catch basin is scheduled to be raised 1.75". View to the west.

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Picture 10: View of a concrete-filled panel located on the west side of the water tank. View to the east.

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