

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 15, 2021
Location:	South Main Street, Middletown and Maple Avenue, Durham	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	323
Contractor:	Ludlow Construction	Page:	1 of 14

Weather Conditions												
Conditions:		Daylight hours: Sunny. Winds variable 0-7 mph.										
Temperature (°F):		High	82°F	Low	66°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	1	X	8	Dump truck	1	x	8	
				Safety Officer	1	X	8	Excavator – Large	0	x	8	
				Foreman	1	X	8	Excavator - Mid-Size	1	x	8	
				Dump truck Operator	1	X	8	Excavator - Rubber Wheeled	1	x	8	
				Excavator Operator	1	X	8	Skid Steer / Bucket Loader	1	x	8	
				Skid Steer/Bucket Loader	1	X	8	Rolling Compactor	1	x	8	
				Laborers	4	X	8	Plate Compactor	0	x	8	
United Concrete	0	x	8	Note that some persons				Jumping Jack Compactor	1	x	8	
Fazzino Plumbing	0	x	8	operate multiple pieces				Street Sweeper (Broce Broom)	1	x	8	
A&R Electrical	0	x	8	of equipment.				Material Hopper	0	x	8	
CT Traffic Control	1	x	8	Sub-contractor	3	X	8	cutoff saw	1	x	8	
DN Tanks	0	x	8	Municipal Police Detail	0	X	8	Light Tower	0	x	8	
				State Police Detail	0	X	8					
Visitors:												

Pipe Connections, Installations, and Other Work

Ludlow locates existing communications and electrical utilities at both the Booster Station on South Main Street and the Meter Vault by Acorn Drive. Trenches are dug for the new utility connections as well as for grounding grids and the open trenches are surrounded by safety fences for the night. Ludlow also spreads and grades loam and seed at the 95R Maple Road residence.

0702: Ludlow begins excavation to look for existing conduit at the Booster Station on South Main Street.

0722: Ludlow begins excavating a trench for the gas line connection from the generator set to the Booster Station.

0732: Ludlow lays out a location for the trench for a grounding grid at the Booster Station in Middletown.

0744: Upon excavation of the trench for the gas line at the Booster Station a water pocket fills the trench with ground water.

0756: Ludlow inserts a pump into the trench for the gas line at the Booster Station after it fills with a pocket of ground water.

Res. Representative:	K. Bennett	Date:	09/15/21
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0804: Ludlow excavates a trench for electrical grounding grid at the Booster Station.

0839: Ludlow locates existing electric conduit and continues digging it by hand until fully exposed.

0841: Ludlow creates a sump to pump out some water and continues excavating for the gas line for connection to the Booster Station

0905: Ludlow continues to excavate the rest of the trench for the electric connection to the utility pole at the Booster Station.

0910: Ludlow completes excavation of the trench for the gas line connection at the Booster Station.

0920: Ludlow constructs a rebar cage for the electric and telephone duct banks.

0933: Ludlow completes excavation of the trench for the electric line connection and grounding grid at the Booster Station.

1007: Ludlow puts up a safety fence around trench for electric connection at the Booster Station.

1008: Ludlow puts up a safety fence around trench for the grounding grid at the Booster Station.

1009: Ludlow puts up a safety fence around trench for gas line connection at the Booster Station.

1021: Ludlow maps out a location for the trench for a grounding grid at the Meter Vault.

1035: Ludlow begins trench excavation for grounding grid at the Meter Vault.

1102: Ludlow begins excavation for power and communication connection from the Meter Vault towards telephone pole.

1212: Ludlow constructs and inserts a temporary wall against the Meter Vault structure to restrain loose aggregate during excavation.

1258: Ludlow completes excavation for the duct bank connection from the Meter Vault.

1318: Ludlow surrounds the open trench at the Meter Vault with a safety fence.

1349: Ludlow spreads and grades loam at the 95R Maple Road property to restore those areas of the lawn that were disturbed during installation of a water service line.

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1420: Property owner of 95R Maple Road residence asked the crew to reseed her backyard because the grass still has not grown in.

Daily Activities – Installation of final water service components, Durham

Fazzino Plumbing will not be returning to complete any connections until Friday, September 17, 2021.

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Picture 1: Ludlow creates a sump to pump out some water and continues excavating for the gas line for connection from the Booster Station to the generator. View to the northwest.

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Picture 2: Ludlow excavating a trench for electrical grounding grid at the Booster Station in Middletown. View to the west.

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Picture 3: Ludlow locates and exposes existing electrical conduit and excavates the rest of the trench to the utility pole at the Booster Station. View to the northeast.

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Picture 4: Ludlow excavates trench from the generator set to the Booster Station for gas line connection. View to the east.

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Picture 5: Ludlow assembles reinforcing cage for electric conduit at the Booster Station.

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Picture 6: Ludlow puts up a safety fence around trench for gas line connection at the Booster Station. View to the north.

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Picture 7: Ludlow excavating a trench for electrical grounding grid at the Meter Vault, South Main Street, Middletown. View to the south.

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Picture 8: Ludlow excavates trench for power and communication connection to the Meter Vault, South Main Street, Middletown. View to the south.

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Picture 9: Ludlow constructs and inserts a temporary wall against the Meter Vault to restrain loose aggregate upon excavation. View to the north.

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Picture 10 : Ludlow puts up a safety fence around the open trench for grounding grid and electric connection at the Meter Vault. View to the south.

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Picture 11: Ludlow placing loam and seed on the areas of the 95R Maple Avenue property that were disturbed during the installation of water service line. View to the west.