

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 29, 2021
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	332
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions

Conditions: Daylight hours: Sun/rain. Winds variable 0-9 mph.
 Temperature (°F): High 66°F Low 48°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	X	hrs
USACE				Ludlow Construction			
Field Engineer	2	x	8	Superintendent	1	X	8
				Safety Officer	1	X	8
				Foreman	1	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
				Skid Steer/ Bucket Loader	1	X	8
				Laborers	4	X	8
United Concrete	0	x	8	Note that some persons operate			
Fazzino Plumbing	0	x	8	Multiple pieces equipment.			
Brideau	1	x	8				
CT Traffic Control	1	x	8	Sub-contractor	5	X	8
DN Tanks	3	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

DN Tanks continued the installation of a 12" air vent on the northeast side of the water tank located east of the Shared Access Driveway in Middletown. Eversource ran additional lines on the south side of the Shared Access Driveway. Ludlow finished the installation of a 1" copper water service line at the 321 Main Street building in Durham and installed a 1" copper water service line at the 325 Main Street Building in Durham.

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

DN Tanks continued the installation of a 12" air vent on the northeast side of the water tank located east of the Shared Access Driveway in Middletown. Eversource ran additional lines on the south side of the Shared Access Driveway.

0751: Representative from AECOM, the USACE, Ludlow, Barnhart, Brideau, and DN Tanks meet at the water tank work zone to discuss today's lift for the installation of the 12" air vent pipe that will be installed on the northeast side of the water tank. Barnhart has delivered a crane to the water take work zone and has it staged on the east side of the water tank. The Ludlow safety officer is performing a safety check of the crane and talking to the crane operator.

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0821: McAllen Construction is hand excavating on the north side of the silo located at on the south side of the Shared Access Driveway at Station 14+33 in preparation for Eversource to tie in additional wiring between the silo and the transformer located at Station 12+00.

0934: Eversource has mobilized to the Shared Access Driveway to pull wires between the transformer located at Station 12+00 and the silo located at Station 14+33.

0942: DN Tanks is beginning to assemble the air duct and attach it to the side of the tank on the northeast side of the water tank. 304 stainless steel bolts are being used to make the connections between sections of the stainless steel air duct piping.

1004: McAllen Construction has hand-excavated on the north side of the silo at Station 14+33 for the installation of 3" PVC to complete the connection between the silo and previously-installed PVC conduit.

1020: Eversource blows a guide line through the PVC conduit that runs from Station 12+00 to the silo located at Station 14+33 in order to assist in pulling wire through the conduit.

1114: Eversource has set the transformer at Station 12+00 onto the transformer slab.

1132: Eversource has finished placing and connecting 3" PVC conduit to the silo located at Station 14+33. Eversource is currently terminating the primary power line at the silo.

1143: Eversource is connecting primary and secondary power lines to the transformer located at Station 12+00.

1151: DN Tanks continues to connect mounting brackets to the northeast side of the water tank in order to mount the 12" stainless steel air vent. DN Tanks has already connected a 20' section of the 12" air vent on top of the 90° elbow that is attached to the southwest side of the blower.

1227: Eversource has finished pulling wires from the transformer located at Station 12+00 to the silo located at Station 14+33.

1235: DN Tanks has attached all mounting brackets to the northeast side of the water tank for the placement of the air duct.

1342: DN Tanks has placed the third of three 20' sections of 12" stainless steel air duct pipe on the northeast side of the water tank located east of the Shared Access Driveway in Middletown.

1507: DN Tanks has finished work for the day and has departed from the water tank work zone located east of the Shared Access Driveway.

Daily Activities – Installation of water lines, Main Street, Durham

Ludlow finished the installation of a 1" copper water service line at the 321 Main Street building in Durham and installed a 1" copper water service line at the 325 Main Street Building in Durham.

0700: Ludlow begins to mobilize to the property at 321 Main Street, Durham, to complete the installation of a 1" copper water service line.

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0729: Ludlow is finishing backfilling at the 321 Main Street property as they prepare to place asphalt where they cut pavement for the trench yesterday for the installation of a 1" copper water service line.

0906: Ludlow begins to place and compact asphalt over the trench they excavated yesterday at the 321 Main Street property for the installation of a 1" copper water service line.

1034: Ludlow just attached a hammer to the excavator to break up rock in the trench they are excavating on the north side of the 325 Main Street property for the installation of a 1" copper water service line.

1209: Ludlow is encountering more rock that they will have to hammer in order to complete the excavation of the trench at the 325 Main Street property.

1221: Ludlow is using a hammer attached to the excavator to break up rock in the trench that they are excavating on the north side of the 325 Main Street building for the installation of a 1" copper water service line.

1315: Ludlow has installed a 1" copper water service line at the 325 Main Street property from the curb stop to the penetration into the north side of the property's foundation. The penetration into the poured concrete foundation was made 5' 5" west of the building's northeast corner. Ludlow is currently placing sand over the 1" copper water service line.

1409: Ludlow compacting the last lift of fill they placed in the trench at 325 Main Street prior to tack coating the edges of cut pavement and placing and rolling asphalt.

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Picture 1: 304 stainless steel bolts used to connect sections of 12" stainless steel air duct piping on the northeast side of the water tank located east of the Shared Access Driveway.

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Picture 2: Ludlow raking out asphalt they placed on the south side of the 321 Main Street building over the trench they are backfilling after having installed a 1" copper water service line. View to the northeast.

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Picture 3: Ludlow hammering rock on the north side of the 325 Main Street building as they work to install a 1" copper water service line. View to the east.

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Picture 4: Eversource connecting a primary line to the transformer located at Station 12+00 on the Shared Access Driveway in Middletown. View to the east.

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Picture 5: 20' section of 12" stainless steel air duct that DN Tanks has attached to the southwest side of the blower and the northeast side of the water tank located east of the Shared Access Driveway in Middletown. View to the southeast.

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Picture 6: Stainless steel elbow exiting the southwest side of the blower, connected to 12" stainless steel air duct with a 12" Garlock Style 8400 expansion joint. View to the southeast.

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Picture 7: Poured concrete foundation that Ludlow has exposed on the north side of the 325 Main Street, Durham, building as they work to install a 1" copper water service line. View to the south.

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Picture 8: 1" copper water service line that Ludlow has installed on the north side of the 325 Main Street, Durham, building. View to the west.

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Picture 9: 1" copper water service line that Ludlow has installed through the northern foundation of the 325 Main Street building and has secured with non-shrink grout. View to the north.

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Picture 10: Transformer set in place by Eversource at Station 12+00. View to the south.

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Picture 11: View into the blower enclosure on its west side. View to the east.

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Picture 12: View of the water tank located east of the Shared Access Driveway in Middletown, with 12” stainless steel air duct installed and secured in place by DN Tanks today. View to the west.

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