

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 16, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown; South Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 60614871	Report No:	181
Contractor:	Ludlow Construction	Page:	1 of 7

Weather Conditions

Conditions: Daylight hours: Mostly cloudy. Winds variable 0-10 mph.
 Temperature (°F): High 65°F Low 55°F

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

Type	#	x	hrs
Concrete/Asphalt Road Saw	0	x	8
Dump truck	0	x	8
Excavator – Large	0	x	8
Excavator - Mid-Size	0	x	8
Excavator - Rubber Wheeled – Rock	0	x	8
Skid Steer / Bucket Loader	0	x	8
Rolling Compactor	0	x	8
Plate Compactor	0	x	8
Jumping Jack Compactor	0	x	8
Street Sweeper (Broce Broom)	0	x	8
Material Hopper	0	x	8
Pipe saw	0	x	8
Light Tower	0	x	8

Visitors: None.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 16, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown; South Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 60614871	Report No:	181
Contractor:	Ludlow Construction	Page:	2 of 7

Pipe Connections, Installations, and Other Work

Ludlow not working today because of heavy rain forecast.

DN Tanks applying wire clamps for manways and initiating second wrap of pre-stress wire at the tank site on the shared access driveway, Middletown.

Compaction Testing

Soil compaction testing was performed today. Compaction test data for the project can be found here:

<https://www.nae.usace.army.mil/Portals/74/docs/Topics/DurhamMeadowsWaterline/CompactionTests/>

In addition, soil compaction data is presented in the Contractor Daily Quality Control Reports located here:

<https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/>

Daily Activities – Water Tank Construction, Shared Access Driveway, Middletown

DN Tanks applying wire clamps for penetrations on tank exterior walls, applying second winding of pre-stress wire to outside tank wall.

0720: DN Tanks performing final tightening of bolts on wire clamps with a torque wrench on northwest-facing manway and overflow penetration.

0730: DN Tanks cutting wires between clamps on northwest manway.

1000: DN Tanks winding pre-stress wire around middle portion of tank.

1300: Rain; DN Tanks has left for the day. Wire wrapping partially completed.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 16, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown; South Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 60614871	Report No:	181
Contractor:	Ludlow Construction	Page:	3 of 7



Picture 1: DN Tanks performing final tightening of wire clamps on overflow penetration. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the east.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 16, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown; South Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 60614871	Report No:	181
Contractor:	Ludlow Construction	Page:	4 of 7



Picture 2: DN Tanks cutting pre-stress wires between clamps on the northwest manway. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the northeast.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 16, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown; South Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 60614871	Report No:	181
Contractor:	Ludlow Construction	Page:	5 of 7



Picture 3: DN Tanks applying pre-stress wire to middle portion of tank wall. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the east.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 16, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown; South Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 60614871	Report No:	181
Contractor:	Ludlow Construction	Page:	6 of 7



Picture 4: Close-up of wire application on tank wall. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the east.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 16, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown; South Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 60614871	Report No:	181
Contractor:	Ludlow Construction	Page:	7 of 7



Picture 5: Extent of wire wrap completed today; within approximately 6 feet of top of manway. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the east.