

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 12, 2021
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	219
Contractor:	Ludlow Construction	Page:	1 of 9

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-10 mph.

Temperature (°F): High 48°F Low 37F

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	0	x	8	Excavator – Large	1	x	8
					Foreman	0	x	8	Excavator - Mid-Size	0	x	8
					Dump truck Operator	1	x	8	Excavator - Rubber Wheeled – Rock	0	x	8
					Excavator Operator	1	x	8	Skid Steer / Bucket Loader	0	x	8
					Skid Steer/Bucket Loader	0	x	8	Rolling Compactor	1	x	8
					Laborers	1	X	8	Plate Compactor	0	x	8
					Note that some persons				Jumping Jack Compactor	0	x	8
DN Tanks					Multiple pieces equipment.				Street Sweeper (Broce Broom)	0	x	8
Superintendent	0	x	8						Material Hopper	0	x	8
Laborers	0	x	8		Sub-contractor	0	X	8	Pipe saw	0	x	8
					Municipal Police Detail	0	X	8	Light Tower	0	x	8
					State Police Detail	0	X	8				

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow chlorinated a portion of the 16" DIP water main on Main Street. Ludlow began excavating the footprint for the Booster Station at Station 750+63 and prepared for the installation of the altitude valve vault east of the Shared Access Driveway on April 13, 2021.

Compaction Testing

Soil compaction testing was not performed today. Compaction test data for soil, concrete, and asphalt can be found under the "Related Links" column on the righthand side of the page of the following link:

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

Daily Activities – Chlorination of water mains, Durham

0935: Ludlow subcontractor JMS Connections is introducing sodium hypochlorite into the 16" DIP water main at 327 Main Street Durham.

Res. Representative:

J. Meunier

Date: 04/12/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 12, 2021
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	219
Contractor:	Ludlow Construction	Page:	2 of 9

1017: JMS continues introducing sodium hypochlorite into the 16" DIP water main at 327 Main Street Durham.

1144: JMS continues introducing sodium hypochlorite into the 16" DIP water main at 327 Main Street Durham.

1223: Ludlow is purging the 16" DIP water main at the intersection of Main Street and Old Cemetery Road. Ludlow has been testing the purge water for chlorine: Ludlow will stop purging once chlorine has been detected in the purge water.

1305: Ludlow has stopped flushing the 16" DIP water main from 327 Main Street down to Old Cemetery Road in Durham.

Daily Activities – Booster Station, S. Main Street, Middletown

0952: Ludlow is staged west of the intersection of S. Main and Talcott Lane (approximately Station 750+63) to perform site preparation and to excavate for the placement of the footings for the booster station. Ludlow is currently placing and fixing silt fence adjacent to the footprint of the booster station.

1112: Ludlow is clearing land at Station 750+63 (S. Main, Middletown) as they prepare for the installation of the booster station.

1212: Ludlow continues with site preparation for the installation of the booster station at Station 750+63.

1342: Ludlow is beginning to excavate the footprint for the booster station and its footings at Station 750+63.

Daily Activities – Water Tank, Shared Access Driveway, Middletown

0745: Ludlow is currently grading fill at the east corner of the water tank work zone, east of the shared access driveway in Middletown.

0812: Ludlow is preparing the ground surface at the northwest corner of the water tank work zone as they prepare to place blacktop.

0922: Ludlow has finished placing blacktop on the north side of the water tank work zone.

Res. Representative:	J. Meunier	Date:	04/12/21
-----------------------------	------------	--------------	----------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 12, 2021
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	219
Contractor:	Ludlow Construction	Page:	3 of 9



Picture 1: Ludlow grading fill at the northeast corner of the water tank work zone east of the shared access driveway in Middletown. View to the northeast.

Res. Representative:

J. Meunier

Date: 04/12/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 12, 2021
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	219
Contractor:	Ludlow Construction	Page:	4 of 9



Picture 2: Ludlow has placed asphalt at the northwest corner of the water tank work zone located east of the shared access driveway in preparation for the heavy vehicles that will be at the site tomorrow for the installation of the altitude vault. View to the west.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 12, 2021
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	219
Contractor:	Ludlow Construction	Page:	5 of 9



Picture 3: Ludlow placing and fixing silt fence south, and proximal to, the booster station at Station 750+63. View to the south.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 12, 2021
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	219
Contractor:	Ludlow Construction	Page:	6 of 9



Picture 4: JMS Connections in the process of introducing sodium hypochlorite into the 16" water main at 327 Main Street, Durham. View to the west.

Res. Representative:	J. Meunier	Date:	04/12/21
-----------------------------	------------	--------------	----------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 12, 2021
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	219
Contractor:	Ludlow Construction	Page:	7 of 9



Picture 5: The sodium hypochlorite that JMS Connections in the process of introducing into the 16" water main at 327 Main Street, Durham.

Res. Representative:	J. Meunier	Date:	04/12/21
-----------------------------	------------	--------------	----------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 12, 2021
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	219
Contractor:	Ludlow Construction	Page:	8 of 9



Picture 6: Ludlow clearing the footprint for the booster station that will be installed at Station 750+63 in Middletown. View to the south.

Res. Representative:	J. Meunier	Date:	04/12/21
-----------------------------	------------	--------------	----------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 12, 2021
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	219
Contractor:	Ludlow Construction	Page:	9 of 9



Picture 7: Standing water observed when Ludlow was clearing the footprint for the booster station that will be installed at Station 750+63. View to the south.

Res. Representative:	J. Meunier	Date:	04/12/21
-----------------------------	------------	--------------	----------