

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	1 of 16

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-6 mph.
 Temperature (°F): High 84°F Low 61°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	2	X	8
				Dump truck Operator	2	X	8
				Excavator Operator	2	X	8
				Skid Steer/ Bucket Loader	1	X	8
				Laborers	8	X	8
United Concrete	0	x	8	Note that some persons			
Fazzino Plumbing	2	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
CT Traffic Control	2	x	8	Sub-contractor	4	X	8
DN Tanks	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow worked on the installation of a 1.5" copper water service line at the residence located at 119 Maple Avenue, Durham. Ludlow began stream crossing activities at the Maiden Lane stream crossing. Fazzino Plumbing and Heating, Inc. installed final water service to the 322 Main Street, Durham, residence and installed submeters at the 227 Main Street, Durham, building.

Daily Activities – Installation of water lines, Durham

Ludlow worked on the installation of a 1.5" copper water service line at the residence located at 119 Maple Avenue, Durham.

0721: Ludlow is mobilizing to 322 Main Street, Durham, for the installation of a 1" copper water service line. Another Ludlow crew begins to mobilize to the Maiden Lane Stream crossing.

0743: Ludlow begins to hand-dig next to the eastern foundation of the 322 Main Street residence to locate buried utility lines prior to the installation of a 1" copper water service line.

Res. Representative:	J. Meunier	Date:	08/30/21
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Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	2 of 16

0843: Ludlow has finished the installation of a 1" copper water service line at 322 Main Street, Durham. Ludlow penetrated the eastern foundation of the home 28" north of its southeast corner with a rotary hammer. Ludlow is currently working on restoring those sections of the property's lawn that were damaged by the water line installation.

0933: Ludlow has placed silt fence at the toe of slope at 109 Maple Avenue, Durham. Ludlow has placed straw wattles at 95R Maple Avenue on north and south side of driveway.

1020: Ludlow has started to excavate at the curb stop for the 119 Maple Avenue property, working eastwards as they prepare to install a 1.5" copper water line. Ludlow has just placed ¾" stone at the bottom of the trench where a meter pit will be installed.

1232: Ludlow continues to install a 1.5" copper water service line at the 119 Maple Avenue residence. The pipe is being covered with 6" of sand, followed by caution tape, followed by native fill that is being placed in 1' lifts and being compacted with a jumping jack.

1428: Ludlow has finished installing 1.5" copper water pipe at the 119 Maple Avenue residence today. All open sections of the trench have been backfilled and compacted.

Daily Activities – Maiden Lane stream crossing, Durham

Ludlow began stream crossing activities at the Maiden Lane stream crossing.

0700: Ludlow holds a pre-work meeting to discuss the upcoming stream crossing Ludlow will start today on Maiden Lane.

0739: Ludlow begins to grub brush out of the way on the west side of the Maiden Lane stream crossing as they prepare to set up silt fencing. Traffic management is being performed by CT Traffic Control, with one worker staged at the intersection of Maiden Lane and Pickett Lane and a second worker staged at the intersection of Maiden Lane and Brick Lane.

0833: Ludlow is grubbing brush from the east side of Ball Brook on the north side of Maiden Lane for the upcoming stream crossing.

0900: Ludlow is working on the east side of Ball Brook north of Maiden Lane filling sandbags to build coffer dams upstream and downstream of where they will excavate for the installation of a 12" DIP waterline.

1003: Ludlow subcontractor Godwin has set up a bypass pump with a 6" line to divert flow at Ball Brook as part of stream crossing activities. Godwin has run the 6" line under Maiden Lane, where the hose is discharging stream water approximately 8' downstream of Maiden Lane.

1132: Ludlow is setting up coffer dams using sand bags placed upstream and downstream of the work zone on Ball Brook for the Maiden Lane stream crossing. Ludlow continues to pump water from upstream with the 6" hose that Godwin set up. Ludlow has also set a pump inside of a section of 8" PVC that was set into the ground surrounded by ¾" stone on the west side of the work zone to assist in dewatering.

1258: Ludlow has set a trench box across Ball Brook and is excavating sediment from within the footprint of the box. Ludlow is live loading the spoils into a dump truck that is staged on the east shoulder of Brick Lane. The spoils appear to be predominantly clay and there is no water in the bottom of the excavation.

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-----------------------------	------------	--------------	----------

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Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	3 of 16

1420: Ludlow is preparing to place a section of 36" casing pipe into the box trench that is seated in the bed of Ball Brook as part of the Maiden Lane stream crossing.

1438: Ludlow has finished working on the Maiden Lane stream crossing for the day. Ludlow is securing the trench box by covering the top with steel plates. The 6" bypass pump will be left to operate overnight.

Daily Activities – Full water service installation activities, Maple Avenue, Durham

Fazzino Plumbing and Heating, Inc. installed final water service to the 322 Main Street, Durham, residence and installed submeters at the 227 Main Street, Durham, building.

0952: Fazzino Plumbing is installing submeters at the 227 Main Street, Durham, property.

1031: Fazzino Plumbing is finishing up with the installation of submeters at the 227 Main Street property.

1052: Fazzino Plumbing has mobilized to the 322 Main Street residence for the installation of final water service components.

Res. Representative:	<u>J. Meunier</u>	Date:	<u>08/30/21</u>
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Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	4 of 16



Picture 1: The eastern side of the 322 Main Street residence where Ludlow has daylighted utilities during the installation of a 1" copper water service line. View to the west.

Res. Representative:

J. Meunier

Date: 08/30/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	5 of 16



Picture 2: Ludlow filling sand bags that they will use to build coffer dams at the Maiden Lane stream crossing. View to the northeast.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	6 of 16



Picture 3: Silt fence that Ludlow erected at the 109 Main Street property after they installation of a copper water service line. View to the east.

Res. Representative:

J. Meunier

Date: 08/30/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	7 of 16



Picture 4: Straw wattles that Ludlow placed at the 95R Main Street property after the installation of a copper water service line. View to the southeast.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	8 of 16



Picture 5: Ludlow placing a bed of ¾” stone that will underlie a meter pit they will be installed in the trench at 119 Maple Avenue as part of the installation of a 1.5” copper water service line. View to the east.

Res. Representative:

J. Meunier

Date: 08/30/21

Daily Report

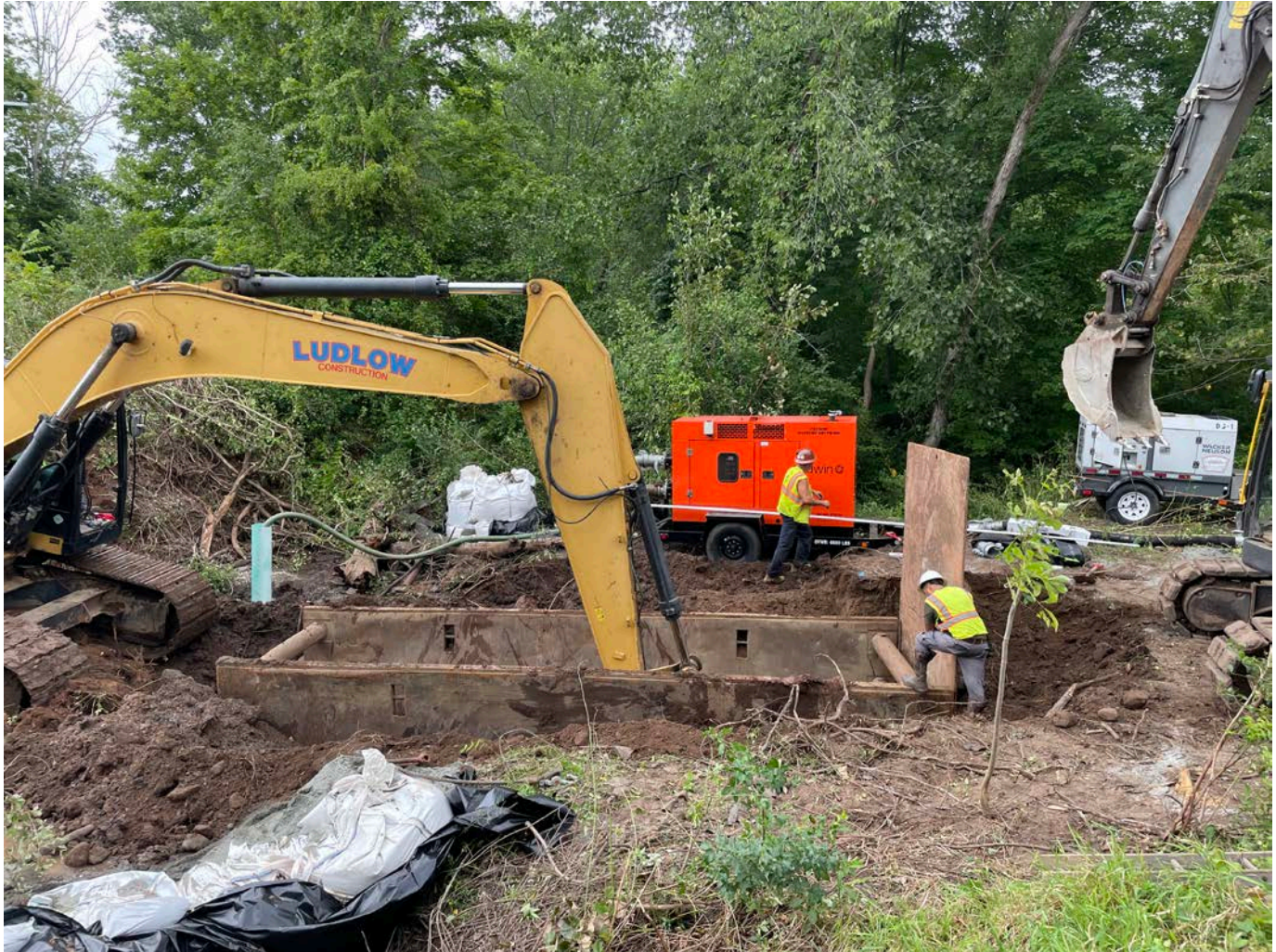
Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	9 of 16



Picture 6: Ludlow compacting fill with a jumping jack around the meter pit they just installed for the 119 Maple Avenue property. View to southeast.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	10 of 16



Picture 7: Ludlow excavating silt from within the footprint of a trench box as part of the Maiden Lane stream crossing activities. View to north.

Res. Representative:

J. Meunier

Date: 08/30/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	11 of 16



Picture 8: View Inside of the trench box after Ludlow has excavated within the box's footprint as part of the Maiden Lane stream crossing activities. View to the southwest.

Res. Representative:

J. Meunier

Date: 08/30/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	12 of 16



Picture 9: Stream water that is pumped from upstream of the Maiden Lane work zone. The water is being discharged back into Ball Brook, downstream of the bridge on Maiden Lane. View to the south.

Res. Representative:

J. Meunier

Date: 08/30/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	13 of 16



Picture 10: Ludlow inserting 12" DIP with spacers attached to it inside of 36" steel conduit for placement across the stream bed of Ball Brook as part of the Maiden Lane stream crossing. View to the northwest.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	14 of 16



Picture 11: Ludlow securing the trench box at the Maiden Lane stream crossing at the end of the day with steel plates placed on top of it. View to the north.

Res. Representative:

J. Meunier

Date: 08/30/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	15 of 16



Picture 12: View of submeters that Fazzino Plumbing installed today at the 227 Main Street, Durham, residence.

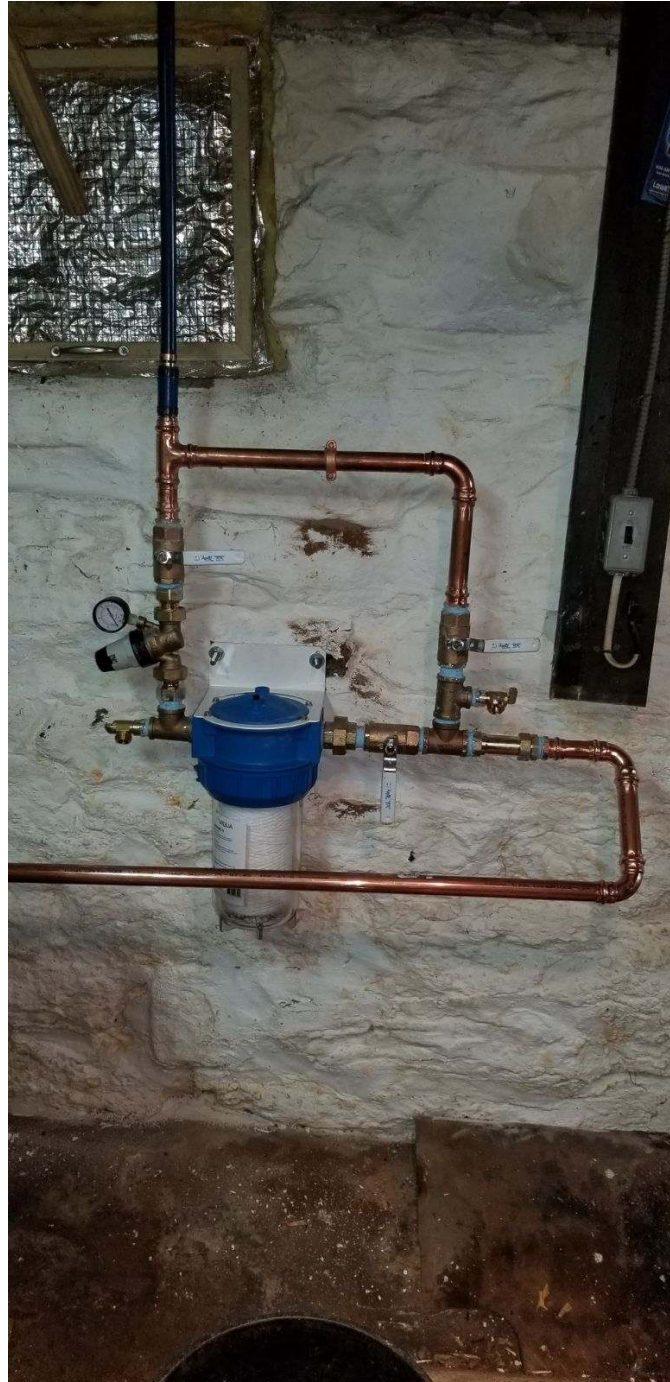
Res. Representative:

J. Meunier

Date: 08/30/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 30, 2021
Location:	Maple Avenue, Main Street, and Maiden Lane, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	313
Contractor:	Ludlow Construction	Page:	16 of 16



Picture 13: View of final water service components installed at the 322 Main Street residence by Fazzino Plumbing.

Res. Representative:	<u>J. Meunier</u>	Date:	<u>08/30/21</u>
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