

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	1 of 16

Weather Conditions			
Conditions:	Daylight hours: Cloudy. Winds variable 0-4 mph.		
Temperature (°F):	High 55°F	Low 36°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	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.			
Apuzzo Electric	0	x	8				
CT Traffic Control	0	x	8	Sub-contractor	1	X	8
A&R Electrical	1	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow installed 1" copper water lines at the 172 and 173 Maple Avenue, Durham, properties. A&R Electrical installed a different electrical disconnect on the exterior of the booster station located at Station 750+63 on S. Main Street, Middletown.

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

Ludlow installed 1" copper water lines at the 172 and 173 Maple Avenue, Durham, properties.

0656: Ludlow begins to mobilize to the 172 Maple Avenue, Durham, residence for the installation of a 1" copper water service line.

0717: Ludlow begins to excavate a trench with a small excavator on the north side of the 172 Maple Avenue residence. Ludlow moved the insertion point of the 1" copper water service line to the north side of the house as there is a crawlspace under the eastern portion of the house that prevents a feasible installation from that side.

0729: Ludlow has daylighted a septic line and the supply line from the drinking water well on the north side of the 172 Maple Avenue residence.

Res. Representative:	J. Meunier	Date:	10/29/21
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AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
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Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	2 of 16

0743: Ludlow continues to excavate at the 172 Maple Avenue property, moving in an eastwards direction towards the curb stop. Ludlow has daylighted the waterline, septic tank line, and the field stone foundation on the north side of the residence.

0802: Ludlow has daylighted the curb stop on the east side of the 172 Maple Avenue residence.

0835: Ludlow has secured the 1" copper water service line they passed through the penetration on the north side of the field stone foundation of the 172 Maple Avenue residence with non-shrink grout. Ludlow is also beginning to backfill sand followed by caution tape over the 1" copper water service line they installed between the curb stop and the north side of the residence's foundation.

0924: Ludlow has backfilled the trench that they excavated at the 172 Maple Avenue residence for the installation of a 1" copper waterline. Ludlow is currently compacting the last 1' lift of fill that was placed in the trench with the jumping Jack.

0946: Ludlow begins to excavate at the 173 Maple Avenue, Durham, property for the installation of a 1" copper water service line. Ludlow broke a 4" PVC drain line located approximately 2' north of the northern edge of the driveway. Ludlow also punctured a 4" black corrugated plastic drain line that runs from the south edge of the home's foundation.

1005: Ludlow has finished placing a loam over those areas of the lawn that were disturbed during the installation of a 1" copper water service line at the 172 Maple Avenue residence. Ludlow is currently place and grass seed on top of the loam.

1039: Ludlow continues excavating on the southside of the 173 Maple Avenue residence immediately north of the driveway. Ludlow has removed approximately ~30' of 4" PVC drain line in the process of excavating for the installation of a 1" copper water service line.

1047: Ludlow is setting up to use the pneumatic mole to punch a hole beneath the sidewalk located to the southwest of the 173 Maple Avenue residence.

1109: Ludlow continues to use a pneumatic mole to punch a hole under the sidewalk located southwest of the corner of the 173 Maple Avenue residence for the installation of a 1" copper water service line.

1158: Ludlow continues to use a pneumatic mole to create a hole beneath the sidewalk located southwest of the corner of the 173 Maple Avenue residence for the installation of a 1" copper water service line.

1205: Ludlow has just inserted 1" copper water service line through the penetration they made on the south wall of the 173 Maple Avenue residence. Ludlow penetrated the field stone foundation with a rotary hammer. The penetration point is located 142" east of the home's southwest corner.

1213: Ludlow just connected 1" copper water service line to the curb stop associated with the 173 Maple Avenue residence.

1228: Ludlow is placing sand over the 1" copper water service line they just installed on the south side of the 173 Maple Avenue residence. Ludlow placed 2" foam insulation over the section of the 1" copper pipe (which is 2.5'-3' BSG) that is located to the south of the 173 Maple Avenue residence.

Res. Representative:	J. Meunier	Date:	10/29/21
-----------------------------	------------	--------------	----------

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	3 of 16

1253: Ludlow is repairing the 4" PVC drain line that runs along the north side of the driveway for the 173 Maple Avenue residence using 4" PVC and Fernco boots. Ludlow is placing fill over the sand they placed over the 1" copper pipe on the south side of the foundation for 173 Main Maple Avenue residence.

1322: Ludlow is raking out loam they placed over the backfilled trench at 173 Maple Avenue property. Ludlow is also in the process of raking mulch on the south side of the 173 Maple Avenue residence where they had to excavate for the installation of a 1" copper water service line.

1329: Ludlow is using a Broce Broom to clean up the driveway at the 173 Maple Avenue property and the portion of road in front of the residence.

1343: Ludlow is finishing up backfilling the trench at the 173 Maple Avenue residence and repairing the portions of the lawn and garden that were disturbed during the installation of a 1" copper water service line.

Daily Activities – Miscellaneous electrical work, booster station, S. Main Street, Middletown

A&R Electrical installed a different electrical disconnect on the exterior of the booster station located at Station 750+63 on S. Main Street, Middletown.

0900: Ludlow is excavating at the northeast corner of the booster station located at Station 750+63 as A&R Electrical begins to move one of the four" PVC conduits to the east as part of changing out the electrical disconnect at the booster station.

1022: A&R Electrical continues to install a new electrical disconnect at the booster station locate at Station 750+63.

Res. Representative:	<u>J. Meunier</u>	Date:	<u>10/29/21</u>
-----------------------------	-------------------	--------------	-----------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	4 of 16



Picture 1: Ludlow excavating on the north and east sides of the 172 Maple Avenue, Durham, residence for the installation of a 1" copper water service line. View to the southwest.

Daily Report

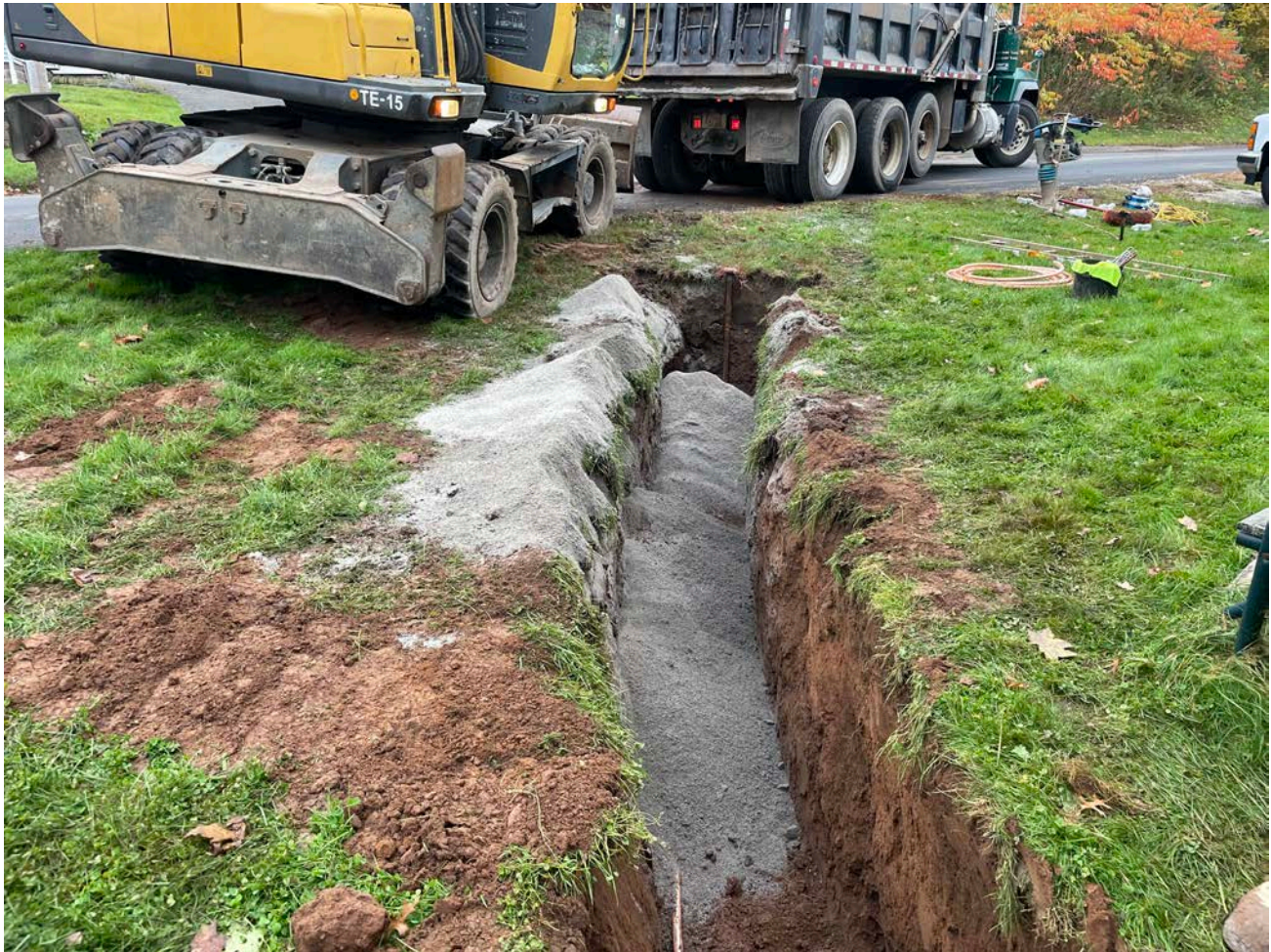
Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	5 of 16



Picture 2: North side of the 172 Maple Avenue residence where Ludlow has daylighted the field stone foundation of the residence along with the well water supply line and a 4" PVC line that runs to the home's septic system. View to the south.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	6 of 16



Picture 3: Ludlow saw backfilling over the 1" copper water service line they just installed at the 172 Maple Avenue, Durham, residence. View to the southeast.

Res. Representative:

J. Meunier

Date: 10/29/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	7 of 16



Picture 4: A&R Electrical replacing the electrical disconnect on the northeast corner of the booster station located at Station 750+63 on S. Main Street, Middletown. View to the south.

Res. Representative:

J. Meunier

Date: 10/29/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	8 of 16



Picture 5: Portion of the trench that Ludlow excavated on the south side of the 173 Maple Avenue residence, showing broken PVC and plastic drain lines that were later repaired prior to backfilling. View to the northwest.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	9 of 16



Picture 6: Ludlow excavating on the north side of the driveway for the 173 Maple Avenue residence. View to the northwest.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	10 of 16



Picture 7: View of the trench that Ludlow is excavating on the north side of the driveway for the 173 Maple Avenue residence. View to the east.

Res. Representative:

J. Meunier

Date: 10/29/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	11 of 16



Picture 8: View of the 1" copper water service line that Ludlow ran through a hole that they made with a pneumatic mole on the north side of the driveway for the 173 Maple Avenue residence. View to the east.

Res. Representative:

J. Meunier

Date: 10/29/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	12 of 16



Picture 9: Sand that Ludlow has placed over sections of 2" foam insulation board that was placed over the 1" copper water service line on the south side of the foundation for the 173 Maple Avenue residence. View to the northwest.

Res. Representative:	<u>J. Meunier</u>	Date:	<u>10/29/21</u>
-----------------------------	-------------------	--------------	-----------------

Daily Report

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Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	13 of 16



Picture 10: View of the trench that Ludlow excavated on the north side of the driveway for the 173 Maple Avenue residence, where they have placed sand and caution tape over the 1" copper water service line they just installed. View to the east.

Res. Representative:

J. Meunier

Date: 10/29/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	14 of 16



Picture 11: Pneumatic mole that Ludlow used to punch a hole beneath a sidewalk at the 173 Maple Avenue property for the installation of a 1" copper water service line. View to the southeast.

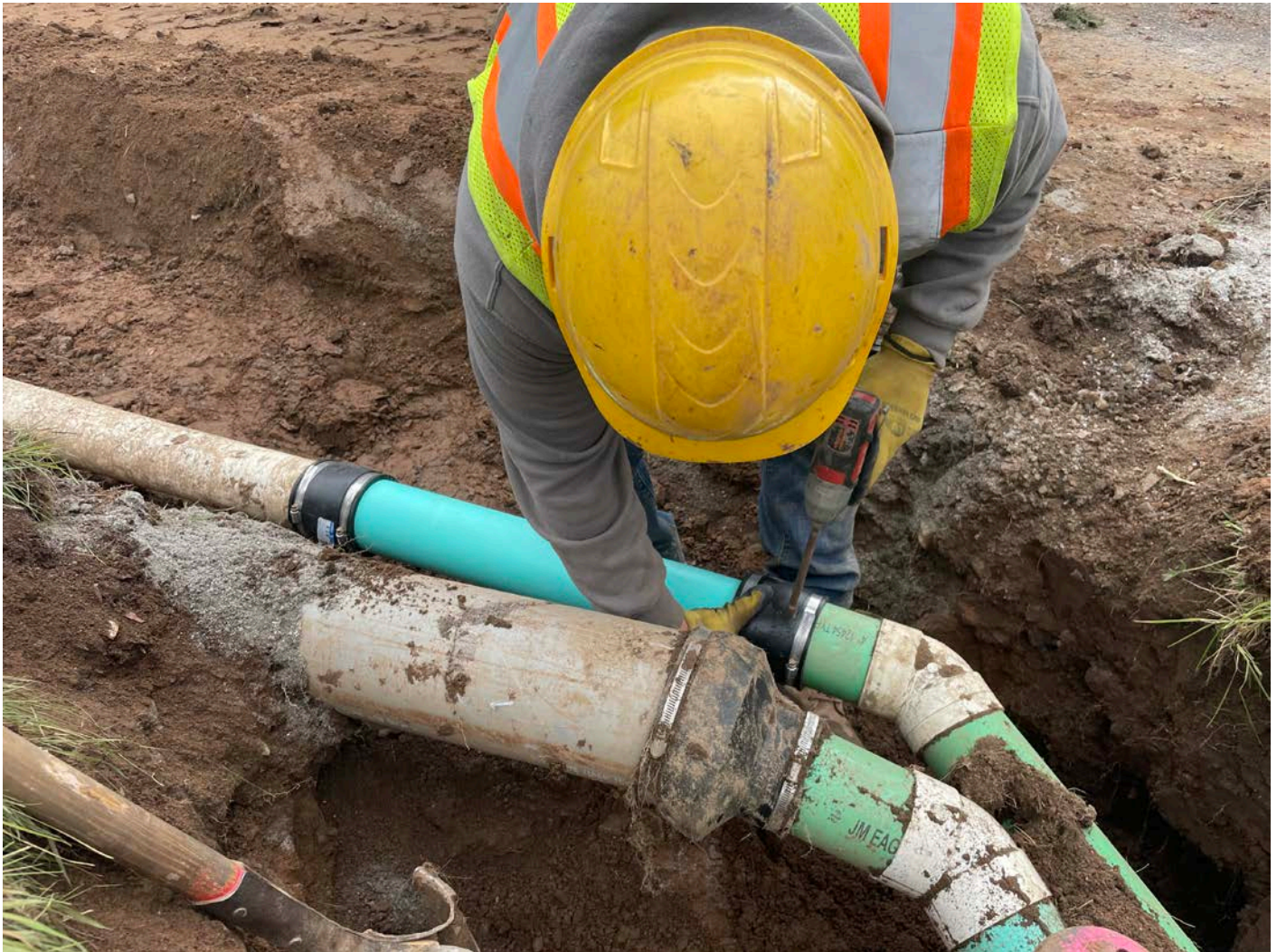
Res. Representative:

J. Meunier

Date: 10/29/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 29, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	15 of 16



Picture 12: Ludlow repairing a 4" PVC drain line at the 173 Maple Avenue property with 4" PVC pipe and Fernco boots. View to the southeast.

Res. Representative:

J. Meunier

Date: 10/29/21

Daily Report

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Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	353
Contractor:	Ludlow Construction	Page:	16 of 16



Picture 13: Ludlow raking out loam on a section of the garden on the south side of the 173 Maple Avenue residence that was disturbed by the installation of a 1" copper water service line. View to the east.

Res. Representative:

J. Meunier

Date: 10/29/21