

# AECOM

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 12

### Weather Conditions

Conditions: Daylight hours: Rain/cloudy. Wind variable 0-6 mph.  
 Temperature (°F): High 72°F Low 46°F

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

Visitors: None.

### Pipe Connections, Installations, and Other Work

Ludlow continued water line installation activities at 201-203 Main Street, Durham (the Durham Manufacturing facility).

### Daily Activities – Installation of water lines, Durham

Ludlow continued water line installation activities at 201-203 Main Street, Durham (the Durham Manufacturing facility).

0700: Ludlow has returned to the Durham Manufacturing property to continue the installation of a 4" DIP water service line.

0734: Ludlow continues to excavate a trench for the installation of a 4" DIP water service line at the Durham Manufacturing property. Ludlow is currently excavating directly north of the existing concrete well vault. Spoils are being live-loaded into a dump truck.

0811: Ludlow continues to excavate a trench on the north side of the existing concrete well vault for the installation of a 4" DIP water service line at the Durham Manufacturing property.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	4/12/22
-----------------------------	------------	--------------	---------

# AECOM

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	2 of 12

0844: Ludlow has excavated a pit on the north side of the existing concrete well vault where a new water meter vault will be installed along with the 4" DIP waterline.

0929: Ludlow continues to excavate a pit on the north side of the existing concrete well vault where a new water meter vault will be installed. A moderate amount of rain is currently coming down.

0939: A representative from Barnhart has arrived at the work zone at the Durham Manufacturing property to scope out tomorrow's lift of the water meter vault that Ludlow is installing at the Durham manufacturing property.

0941: Ludlow is using a pneumatic hammer attached to a mid-sized excavator to break up rock in the pit they are excavating for the placement of a water meter vault tomorrow.

1000: Ludlow installs a 5' section of 4" DIP to the bell of an existing section of 4" DIP on the far west side of the excavation. Ludlow has also lined a portion of the trench with black filter fabric placed over 3/4" gravel.

1015: Ludlow just added a 22.5° DIP bend to the section of 4" DIP they just installed. Ludlow also continues to excavate a pit where they will be installing a concrete water meter vault tomorrow.

1038: Ludlow continues excavating for the placement of the water meter vault tomorrow. In the process of excavating, they have daylighted what appears to be a 2" steel Eversource gas line located approximately 2' below surface grade. Ludlow is also currently adding a 5' section of 4" DIP to the 4" DIP 22.5 degree bend they just installed.

1042: Ludlow is adding another 4" DIP 22.5 degree bend to the section of 4" DIP water service line they just installed.

1124: Ludlow continues to break up rock in the excavation for the water meter vault.

1149: Ludlow continues to break up rock in the excavation for the water meter vault.

1154: Ludlow is attaching an 18' section of DIP to the 22.5° bend they put in about an hour ago. The 18' section will be may eventually need to be cut down to fit into the meter vault.

1224: Ludlow has cut approximately 4' off of the 18' section of 4" DIP they just installed on the west side of the water meter vault they will install tomorrow. Ludlow is currently setting a large trench box inside of the pit they excavated for the installation of the water meter vault tomorrow.

1241: Ludlow is lining the bottom of the excavation they made for the water meter vault with black geofabric that was set on top of native soil and rock.

1258: Ludlow is placing ¾" stone on top of the black geofabric they placed on the bottom of the water vault excavation.

1306: Ludlow is placing sand above and below the 4" DIP they installed today.

1350: Ludlow continues to place sand and caution tape over the 4" DIP they installed at the Durham Manufacturing property today. Ludlow is compacting the sand with a jumping jack.

1415: Ludlow continues to place and compact fill over the 4" DIP they installed today at the Durham Manufacturing property.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	4/12/22
-----------------------------	------------	--------------	---------

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	3 of 12



Picture 1: Pit that Ludlow is excavating for the placement of a water meter vault on 4-14-22. The east side of one of two underground water tanks can be seen approximately 4' below surface grade. View to the west/southwest.

Res. Representative:

J. Meunier

Date: 4/12/22

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	4 of 12



Picture 2: Ludlow using a pneumatic hammer to break up rock as they excavate a pit for the placement of a water meter vault on 4-14-22. View to the west.

Res. Representative:

J. Meunier

Date: 4/12/22

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	5 of 12



Picture 3: 4" DIP water service line that Ludlow has begun to install at the Durham Manufacturing property. View to the west.

Res. Representative:

J. Meunier

Date: 4/12/22

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	6 of 12



Picture 4: Ludlow in the process of installing 4" DIP water service line at the Durham Manufacturing property. View to the north.

Res. Representative:

J. Meunier

Date: 4/12/22

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	7 of 12



Picture 5: Ludlow saw cutting excess 4" DIP they just installed on the west side of where the water meter vault will be installed tomorrow. View to the east.

Res. Representative:

J. Meunier

Date: 4/12/22

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	8 of 12



**Picture 6: Ludlow setting a trench box inside of the pit they excavated for the installation of a water meter pit at the Durham Manufacturing property. View to the east.**



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	9 of 12



**Picture 7: Ludlow placing geofabric inside of the pit they excavated for the installation of a water meter pit at the Durham Manufacturing property. View to the northeast.**

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	10 of 12



**Picture 8: Ludlow placing ¾" gravel on top of the geofabric they placed inside of the pit they excavated for the installation of a water meter pit at the Durham Manufacturing property. View to the east.**

**Res. Representative:**

J. Meunier

**Date:** 4/12/22

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	11 of 12



**Picture 9: View of partially-backfilled 4" DIP that Ludlow installed to the west of the pit they excavated for the installation of a water meter pit at the Durham Manufacturing property. View to the northwest.**

**Res. Representative:**

J. Meunier

**Date:** 4/12/22

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 12, 2022
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	402
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	12 of 12



**Picture 10: Pit that Ludlow excavated for the installation of a water meter pit at the Durham Manufacturing property, after having placed  $\frac{3}{4}$ " gravel. View to the northeast.**

**Res. Representative:**

J. Meunier

**Date:** 4/12/22