

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 13

Weather Conditions			
Conditions:	Daylight hours: Sunny. Winds variable 0-6 mph.		
Temperature (°F):	High 83°F	Low	49°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	0	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer/Bucket Loader	1	x	8
				Laborers	3	X	8
				Note that some persons			
United Concrete	4	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
Barnhart	0	x	8	Sub-contractor	2	X	8
CT Traffic Control	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None

### Pipe Connections, Installations, and Other Work

United Concrete continued finish work on the booster station located at Station 750+63 South Main Street in Middletown. Ludlow continued earthwork at the water meter building work zone located at Station ~124+80 in Middletown. Ludlow performed a pressure test from the water tank located east of the Shared Access Driveway to a valve located on the Talcott Ridge Drive cul-de-sac. United Concrete continued to install electrical conduits on the interior of the altitude valve vault.

### Daily Activities – Booster station work zone, S. Main Street, Middletown

United Concrete continued finish work on the booster station located at Station 750+63 in Middletown.

0719: United Concrete is continuing work on the booster station located at Station 750+63 in Middletown.

0803: United Concrete is continuing work on the booster station located at Station 750+63 in Middletown.

1136: United Concrete is filling holes in the booster station floor with Hilti – HIT HY 200-A (injectable hybrid mortar) where segments of rebar penetrate the floor and go into the top of the frost wall.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	05/21/21
-----------------------------	------------	--------------	----------

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	2 of 13

1252: United Concrete is continuing work on the booster station located at Station 750+63 in Middletown. All elbows required to connect the trough piping to the booster station piping have been installed.

### Daily Activities – Water meter building work zone, S. Main Street, Middletown

Ludlow continued earthwork at the water meter building work zone located at Station ~124+80 South Main Street in Middletown.

0712: Ludlow is resuming earthwork activity at the water meter station work zone located at ~Station 124+80 on S. Main Street in Middletown.

0842: Ludlow continues to perform earthwork at the water meter station work zone located at ~Station 124+80 on S. Main Street in Middletown.

0908: Ludlow continues earth work at the water meter building work zone. A Middletown police officer is present to provide traffic management.

1220: Ludlow in the process of removing the hydrant located on the east side of S. Main street in Middletown at water meter building work zone.

### Daily Activities – Altitude valve vault, Shared Access Driveway, Middletown

Ludlow performed a pressure test from the water tank located east of the Shared Access Driveway to a valve located on the Talcott Ridge Drive cul-de-sac. United Concrete continued to install electrical conduits on the interior of the altitude valve vault.

0722: Ludlow is conducting a pressure test at the altitude valve vault. A 12" gate valve inside the vault is leaking water as Ludlow sets up for the test. Ludlow shuts the valve off and ends up not testing the line the valve is on. Instead, Ludlow ends up setting up to test the bypass line located on the north side of the altitude valve vault until the issue with the 12" gate valve inside of the vault has been addressed. United Concrete continues to install electrical conduits on the interior of the altitude valve vault.

0855: Ludlow continues to set up to perform a pressure test on the bypass line located on the north side of the altitude valve vault. The test runs from the water tank to a valve located on the Talcott Ridge Drive cul-de-sac. United Concrete continues to install electrical conduits on the interior of the altitude valve vault.

1050: Ludlow is about to start the pressure test from the water tank to a valve located on the Talcott Ridge Drive cul-de-sac. United Concrete continues to install electrical conduits on the interior of the altitude valve vault.

1301: The pressure test that Ludlow performed on the line that runs from the water tank to a valve located on the Talcott Ridge Drive cul-de-sac has been completed. The pressure during the test remained at 150 PSI.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	05/21/21
-----------------------------	------------	--------------	----------

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	3 of 13



Picture 1: 12" gate valve located inside of the altitude valve vault that began to leak when Ludlow was setting up to perform a pressure test.

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	4 of 13



Picture 2: United Concrete installing an elbow at the booster station located at Station 750+63.



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	5 of 13



Picture 3: View of the interior of the booster station as United Concrete installs elbows on piping within the trough. View to the east.

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	6 of 13



Picture 4: United Concrete filling holes in the booster station floor with Hilti – HIT HY 200-A (injectable hybrid mortar) where segments of rebar penetrate the floor and go into the top of the frost wall.

Res. Representative:

J. Meunier

Date: 05/21/21



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	7 of 13



Picture 5: Hilti – HIT HY 200-A injectable hybrid mortar that United concrete is using to cover holes where segments of rebar penetrate the booster station floor and go into the top of the frost wall.

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	8 of 13



**Picture 6: View of the booster station looking west as United Concrete continues with finish work on the booster station building.**

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	05/21/21
-----------------------------	------------	--------------	----------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	9 of 13



**Picture 7: Starting pressure on the pressure test that Ludlow is running from the water tank located east of the Shared Access Driveway to a valve located on the Talcott Ridge Drive cul-de-sac.**

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	05/21/21
-----------------------------	------------	--------------	----------

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	10 of 13



**Picture 8: Ludlow performing earth work activities at the water meter building work zone located at ~Station 124+80 in Middletown. View to the north.**



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	11 of 13



**Picture 9: Ludlow temporarily removing a hydrant at the water meter building work zone located at ~Station 124+80 in Middletown. View to the north.**

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	05/21/21
-----------------------------	------------	--------------	----------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	12 of 13



Picture 10: View of progress at the water meter building work zone located at ~Station 124+80 in Middletown. View to the south.



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 21, 2021
<b>Location:</b>	S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	248
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	13 of 13



**Picture 11: End pressure on the pressure test that Ludlow is running from the water tank located east of the Shared Access Driveway to a valve located on the Talcott Ridge Drive cul-de-sac.**

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	05/21/21
-----------------------------	------------	--------------	----------