

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 29, 2021
<b>Location:</b>	Main Street, Maple Avenue, Wallingford Road, Talcott Lane, Durham; Booster Station Site, S. Main Street, Middletown	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 11

### Weather Conditions

Conditions: Daylight hours: Cloudy, rain. Winds variable 0-6 mph.  
 Temperature (°F): High 54°F Low 48°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	0	x	8
				Foreman	0	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer/Bucket Loader	0	x	8
				Laborers	1	X	8
				Note that some persons			
Barnhart	0	x	8	Multiple pieces equipment.			
United Concrete	0	x	8				
JMS	0	x	8	Sub-contractor	0	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

Ludlow continued with the construction of concrete forms for the booster station footings located at 750+63 in Middletown as they placed rebar within the footing footprint. Ludlow collected additional samples from the water lines that were chlorinated, dechlorinated, and flushed this week: Talcott Lane, Maple Avenue (from Talcott Lane to the Durham Fair grounds), and Wallingford Road (from Main Street to 47 Wallingford Street) for lab analysis for residual chlorine and bacteria.

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

Ludlow continued with the construction of concrete forms for the booster station footings located at 750+63 in Middletown as they placed rebar within the footing footprint.

0712: Ludlow prepares to place rebar as they continue work on the construction of concrete forms for the booster station footings located at Station 750+63.

0911: Ludlow continues to work on placing rebar within the concrete forms for the booster station footings at Station 750+63. Moderate rain is falling.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	04/29/21
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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	2 of 11

1108: Ludlow is continuing to place rebar within the concrete forms for the footings of the booster station located at Station 750+63. They have placed rebar on top of 3" chairs and are in the process of wiring the pieces of rebar to each other. A moderate amount of rain is currently falling.

1217: Ludlow is continuing to place rebar within the concrete forms for the footings of the booster station located at Station 750+63.

1321: Ludlow is continuing to place rebar within the concrete forms for the footings of the booster station located at Station 750+63.

1457: Ludlow is finishing up for the day. They still have additional rebar to place in the concrete form for the booster station footing.

### **Daily Activities – Disinfection and sampling activities, Main Street, Maple Avenue, Wallingford Road, Talcott Lane, Durham**

Ludlow collected additional samples from the water lines that were chlorinated, dechlorinated, and flushed this week: Talcott Lane, Maple Avenue (from Talcott Lane to the Durham Fair grounds), and Wallingford Road (from Main Street to 47 Wallingford Street) for lab analysis for residual chlorine and bacteria.

0701: Ludlow is preparing to collect additional samples from the water lines that were chlorinated, dechlorinated, and flushed this week in Durham: Talcott Lane, Maple Avenue (from Talcott Lane to the Durham Fair grounds), and Wallingford Road (from Main Street to 47 Wallingford Street) for laboratory analysis for residual chlorine and bacteria.

0832: Ludlow is purging water from a hydrant located on the west side of Maple Avenue next to one of the entrances to the Durham fairgrounds (~Station 900+17) as they prepare to collect water samples that will be submitted to a laboratory for residual chlorine and bacteria analysis.

1033: Ludlow is preparing to collect water samples from the 12" DIP waterline at 254 Maple Avenue for laboratory analysis. Ludlow attaches a temporary spigot to a 1" plastic line that Ludlow installed off the 12" DIP water line last year. Ludlow wipes the spigot with a chlorine solution, then applies a torch to the spigot, and then repeats the procedure. Water is then allowed to run from the spigot for several minutes before Ludlow collects two water samples.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	04/29/21
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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	3 of 11



**Picture 1: View of the booster station footprint at Station 750+63 in Middletown before the placement of rebar today. View to the west.**

**Res. Representative:**

J. Meunier

**Date:** 04/29/21

## Daily Report

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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	4 of 11



**Picture 2: View of the booster station footprint as Ludlow prepares to place rebar within the concrete forms for the footings. Station 750+63 in Middletown; view to the southwest.**

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 29, 2021
<b>Location:</b>	Main Street, Maple Avenue, Wallingford Road, Talcott Lane, Durham; Booster Station Site, S. Main Street, Middletown	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	5 of 11



Picture 3: Ludlow collecting a water sample at 254 Maple Avenue from a 1" line attached to the 12" DIP waterline on Maple Avenue, Durham.

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 29, 2021
<b>Location:</b>	Main Street, Maple Avenue, Wallingford Road, Talcott Lane, Durham; Booster Station Site, S. Main Street, Middletown	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	6 of 11



Picture 4: View of the booster station footprint where Ludlow has begun to place rebar within the concrete forms for the booster station footings. Station 750+63, Middletown; view to the south.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	04/29/21
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<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 29, 2021
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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	7 of 11



**Picture 5: View of the booster station footprint where Ludlow is in the process of placing rebar within the concrete forms for the booster station footings. Station 750+63, Middletown; view to the west.**

<b>Res. Representative:</b>	<u>J. Meunier</u>	<b>Date:</b>	<u>04/29/21</u>
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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	8 of 11



Picture 6: View of the booster station footprint where Ludlow is in the process of placing rebar within the concrete forms for the booster station footings. Station 750+63, Middletown; view to the east/southeast.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	04/29/21
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<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 29, 2021
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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	9 of 11



Picture 7: View of the rebar that Ludlow is placing within the concrete forms for the booster station; northeast corner of the booster station footprint. Station 750+63; view to the west.

Res. Representative:

J. Meunier

Date: 04/29/21

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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	10 of 11



Picture 8: View of the booster station footprint depicting the progress of rebar placement within the forms for the booster station footing. Station 750+63, Middletown. View to the east.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	04/29/21
-----------------------------	------------	--------------	----------

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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	232
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	11 of 11



Picture 9: View of the booster station footprint depicting progress of rebar placement within the concrete forms for the booster station footing. Station 750+63, Middletown. View to the southwest.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	04/29/21
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