

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 26, 2022
<b>Location:</b>	Pickett Lane and Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	475
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 12

Weather Conditions			
Conditions:	Daylight hours: Sunny. Wind variable 0-6 mph.		
Temperature (°F):	High 88°F	Low	69°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	1	X	8
KTM Electrical	0	x	8	Foreman	1	X	8
West State Mechanical	0	x	8	Dump truck Operator	1	X	8
A&J Construction	0	x	8	Excavator Operator	1	X	8
Grela Well Drilling	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			
Knapp Engineering	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
Alarm Systems, Inc.	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 with the installation of a vault at Station 525+75 on Pickett Lane, Durham. Ludlow collected water quality samples for laboratory analysis from the Durham Manufacturing facility and the 4" and 8" DIP water lines they recently installed at the Coginchaug Regional High School property.

### Daily Activities – Installation of water services, Pickett Lane, Durham

Ludlow continued with the installation of a vault at Station 525+75 on Pickett Lane, Durham.

0700: Ludlow has returned to Station 525+75 on Pickett Lane, Durham, to resume the installation of a vault to the south of the road.

0740: Ludlow is preparing to place a temporary dewatering well into the southwest corner of the excavation at Station 525+75.

0807: Ludlow continues to excavate the footprint of where they will install a vault Station 525+75 on Pickett Lane.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	7/26/22
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<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	2 of 12

0848: Ludlow has excavated approximately half of the footprint where they plan to install the vault at Station 525+75 2'-3' below the existing 4" PVC waterline that runs east to west.

0923: Ludlow is lining the bottom of the excavation for the vault at 5:25 +75 with black geofabric covered with 4" of -2 inch rock. Ludlow is awaiting the arrival of ¾" stone: they will place 8" of the ¾ stone over the -2" stone they just placed.

1006: Ludlow begins placing 8" of ¾" stone on top of the 4 inches of -2" stone they put at the bottom of the excavation at Station 525+75.

1039: Ludlow cuts a hole in the bottom of the 4" PVC waterline that runs through the footprint of the vault footprint in order to drain it. Ludlow is pumping the water from the bottom of the excavation into the catch basin located at Station 525+49.

1035: Ludlow continues to pump water out of the excavation at Station 525+75.

1205: Ludlow continues to pump water out of the excavation at Station 525+75.

1237: Ludlow has finished working at Station 525+75 for the day. Ludlow is covering the trench box/excavation with steel plates to secure the work zone.

1319: Ludlow has mobilized to Station 529+64 on Pickett Lane to restore those areas located between Pickett Lane and the access road located on the west side of the Coginchaug Regional High School that were disturbed during the installation of 4" and 8" DIP.

1401: Ludlow is using a harley rake on a CAT 279D to grade the areas located between Pickett Lane and the access road located on the west side of the Coginchaug Regional High School that were disturbed during the installation of 4" and 8" DIP.

1429: Ludlow is grading the area between Pickett Lane and the access road located on the west side of Coginchaug Regional High School with a harley rake where previous DIP installation activities disturbed the lawn. Ludlow is placing grass seed down once an area has been graded.

### Daily Activities – Water testing activities, Durham

Ludlow collected water quality samples for laboratory analysis from the Durham Manufacturing facility and the 4" and 8" DIP water lines they recently installed at the Coginchaug Regional High School property.

1304: Ludlow has just finished collecting water samples from the Durham Manufacturing facility that will be submitted for E.coli/coliform and HPC analysis.

1347: Ludlow has just finished collecting water samples from the 4" DIP line they recently installed at the Coginchaug Regional High School property. These samples will be submitted for E.coli/coliform and HPC analysis.

1405: Ludlow has just finished collecting water samples from the 8" DIP line they recently installed at the Coginchaug Regional High School property. These samples will be submitted for E.coli/coliform and HPC analysis.

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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	475
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	3 of 12



Picture 1: View of the excavation that Ludlow making for the placement of a vault at Station 525+75. View to the east.



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<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 26, 2022
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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	475
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	4 of 12



Picture 2: Ludlow excavating on the north side of a 4" water line that runs through the footprint of the vault they are installing at Station 525+75 on Pickett Lane, Durham. View to the south.



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<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 26, 2022
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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	475
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	5 of 12



Picture 3: -2" rock that Ludlow has placed over black geofabric on the bottom of the excavation where Ludlow will be installing a vault at Station 525+75.



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<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 26, 2022
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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	475
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	6 of 12



**Picture 4: Ludlow placing 8" of  $\frac{3}{4}$  stone on top of the 4" of -2" stone that they placed on the bottom of the excavation where Ludlow will be installing a vault at Station 525+75.**

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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	475
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	7 of 12

**PHOENIX**  
Environmental Laboratories, Inc.

Network: Jul 26, 2022 2:14:20 PM EDT  
Local: Jul 26, 2022 2:14:18 PM EDT  
41°28'38.106"N -72°40'16.993"W  
144 Pickett Lane  
Durham  
Middlesex County  
Connecticut

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email Makrina Nolan: makrina@phoenixlabs.com Fax (860) 645-0823  
Client Services (860) 645-1102

Customer: Ludlow Const Co Inc  
Address: 19 Carmelinas Circle  
Ludlow man 06056

Project: Durham Meadows Pipeline  
Report to: Mpiora Ludlow Construction  
Invoice to: \_\_\_\_\_  
QUOTE # \_\_\_\_\_

Sampler's Signature: [Signature] Date: 7/26/2022

Matrix Code: \_\_\_\_\_  
W=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
W=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe Oil=Oil  
=Bulk L=Liquid X = \_\_\_\_\_ (Other)

Analysis Request: 1: Coli / Coli-Form  
HP's

PHOENIX USE ONLY	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	
	High school 8" A	DW	7-26	2:02pm	X
	High school 8" B	DW	7-26	2:03pm	X
	High school 4" A	DW	7-26	1:43pm	X
	High school 4" B	DW	7-26	1:43pm	X
	D m c A	DW	7-26	1:00pm	X
	D m c B	DW	7-26	1:01pm	X

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

MA MCP Certification

Picture 5: Chain of custody associated with the second set of water quality samples that Ludlow collected for laboratory analysis from the Durham Manufacturing facility and the 4" and 8" DIP water lines they recently installed at the Coginchaug Regional High School property.

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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	475
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	8 of 12



Picture 6: 4" PVC water line that Ludlow has cut on the bottom to drain the line. Ludlow is in the process of setting up a pump to move the water from the bottom of the excavation into the catch basin located at Station 525+49.



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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	475
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	9 of 12



Picture 7: Ludlow in the process of pumping water from the bottom of the excavation at Station 525+75 into the catch basin located at Station 525+49.



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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	475
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	10 of 12



**Picture 8: Water that Ludlow is pumping from the bottom of the excavation at Station 525+75 into the catch basin located at Station 525+49.**



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<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	11 of 12



**Picture 9: The excavation located at Station 525+75 on Pickett Lane that Ludlow has secured for the day after they finished work for the day.**



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<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	475
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	12 of 12



Picture 10: Ludlow is using a harley rake on a CAT 279D to grade the areas located between Pickett Lane and the access road located on the west side of the Coginchaug Regional High School that were disturbed during the installation of 4" and 8" DIP.