

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 27, 2022
<b>Location:</b>	Pickett Lane, Maple Avenue, Talcott Lane, and Main Street, Durham	<b>Day of Week:</b>	Wednesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	476
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Weather Conditions			
Conditions:	Daylight hours: Sunny. Wind variable 0-4 mph.		
Temperature (°F):	High 87°F	Low	59°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
United Concrete	1	X	8	Foreman	1	X	8
West State Mechanical	1	X	8	Dump truck Operator	1	X	8
Barnhart	3	X	8	Excavator Operator	1	X	8
Grela Well Drilling	0	X	8	Skid Steer/Bucket Loader	1	X	8
Fazzino Plumbing	1	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	6	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 water meter vault at Station 525+75 on Pickett Lane, Durham. Fazzino changed filters at residences located on Maple Avenue, Main Street, and Talcott Lane, Durham. West State Mechanical performed a pressure test on the 4" copper water line they recently installed at the Durham Manufacturing facility.

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

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

0655: Ludlow and Barnhart have mobilized to Station 525+75 on Pickett Lane, Durham.

0718: Ludlow begins to remove the steel plates from the excavation at Station 525+75 as they prepare to install a vault.

0734: United Concrete has delivered the vault that Ludlow will be installing today at Station 525+75.

0749: Barnhart is in the process of staging a crane to lift the vault that United Concrete delivered to the Station 525+75. Ludlow has placed black filter fabric over the ¾" stone they placed in the bottom of the excavation yesterday.

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0823: Barnhart has set the bottom section of the vault into the excavation at Station 525+75. Ludlow has placed ConSeal tape on the top of the lower vault section.

0901: All sections of the concrete vault have been set in place at Station 525+75. United Concrete and Barnhart have departed the work zone.

0954: Ludlow is beginning to attach 4" DIP pipe and fittings onto the west side of the vault they just installed at Station 525+75.

1037: Ludlow continues to place 4" DIP pipe and fittings on the west side of the vault they just installed at Station 525+75.

1156: Ludlow has almost finish installing 4" DIP pipe and fittings on the west side of the vault at Station 525+75.

1210: Ludlow has cut the existing 4" PVC waterline on the west side of the vault and has placed a 4" DIP cap on the end of the PVC. Ludlow has also placed thrust blocks at three bends in the DIP they installed on the west side of the vault.

1226: Ludlow is installing 4" DIP pipe and fittings on the east side of the vault they just installed at Station 525+75.

1306: Ludlow continues to install DIP pipe and fittings on the east side of the vault.

1334: Ludlow has finished installing 4" DIP pipe and fittings on the east side of the vault. Ludlow connected the 4" DIP on the east side of the vault to the existing 4" PVC water line located on the east side of the vault.

1336: Ludlow begins to place sand over the 4" DIP they installed today on the west side of the vault.

1344: Ludlow is placing caution tape over the sand that they placed over the 4" DIP they just installed on the west side of the vault at Station 525+75.

1353: Ludlow is using a jumping jack to compact the sand they just placed on the west side of the vault.

1359: Ludlow is placing fill over the sand that was placed on top of the 4" DIP they installed today on the east and west sides of the vault.

1410: Ludlow is using a jumping jack to compact the fill they placed on the west side of the vault at Station 525+75.

1503: Ludlow has placed fill around the vault up to surface grade with the exception the south side of the vault where ~18" of fill still needs to be added. Ludlow has departed the work zone for the day.

### Daily Activities – Change of water filters and 4-month inspection, Durham

Fazzino Plumbing exchanged the water filters on the final water service systems they installed at the properties located at 146, 172, 173, 175, 176, 184, 188, and 212 Maple Avenue; 14 and 25 Talcott Lane; and 177R and 321 Main Street.

0804: Fazzino plumbing is changing out the filter on the water system they installed at the 176 Maple Avenue, Durham, residence.

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0815: Fazzino plumbing is changing out the filter on the water system they installed at the 146 Maple Avenue, Durham, residence.

0851: Fazzino plumbing has just finished changing out the filter on the water system they installed at the 184 Maple Avenue, Durham, residence.

0855: Fazzino plumbing is changing out the filter on the water system they installed at the 175 Maple Avenue, Durham, residence.

0913: Fazzino plumbing is changing out the filter on the water system they installed at the 188 Maple Avenue, Durham, residence.

0923: Fazzino plumbing is changing out the filter on the water system they installed at the 25 Talcott Lane, Durham, residence.

0933: Fazzino plumbing is changing out the filter on the water system they installed at the 14 Talcott Lane, Durham, residence.

0945: Fazzino plumbing is changing out the filter on the water system they installed at the 321 Main Street, Durham, property.

1015: Fazzino plumbing is changing out the filter on the water system they installed at the 177R Main Street, Durham, residence.

1032: Fazzino plumbing is changing out the filter on the water system they installed at the 172 Maple Avenue, Durham, residence.

1114: Fazzino plumbing is changing out the filter on the water system they installed at the 173 Maple Avenue, Durham, residence.

1125: Fazzino plumbing is changing out the filter on the water system they installed at the 212R Maple Avenue, Durham, residence.

### Daily Activities – Other

West State Mechanical performed a pressure test on the 4" copper water line they recently installed at the Durham Manufacturing facility.

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Picture 1: Fazzino changing the filter on the water system they recently installed at the 14 Talcott Lane, Durham, residence.



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Picture 2: Fazzino changing the filter on the water system they recently installed at the 25 Talcott Lane, Durham, residence.

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**Picture 3: Fazzino changing the filter on the water system they recently installed at the 146 Maple Avenue, Durham, residence.**



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Picture 4: Fazzino changing the filter on the water system they recently installed at the 172 Maple Avenue, Durham, residence.

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**Picture 5: Fazzino changing the filter on the water system they recently installed at the 175 Maple Avenue, Durham, residence.**



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**Picture 6: Fazzino changing the filter on the water system they recently installed at the 176 Maple Avenue, Durham, residence.**

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Picture 7: Fazzino changing the filter on the water system they recently installed at the 177R Main Street, Durham, residence.



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Picture 8: Fazzino changing the filter on the water system they recently installed at the 184 Maple Avenue, Durham, residence.



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Picture 9: Fazzino changing the filter on the water system they recently installed at the 188 Maple Avenue, Durham, residence.

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**Picture 10: Fazzino changing the filter on the water system they recently installed at the 321 Main Street, Durham, residence.**



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Picture 11: Ludlow measuring the vault delivered to the work zone by United Concrete that Ludlow will be installing at Station 525+75. View to the northwest.



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Picture 12: Barnhart and Ludlow placing the top section of the vault they are installing at Station 525+75 on Pickett Lane, Durham. View to the northeast.

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Picture 13: Interior of the vault that Ludlow is installing at Station 525+75.



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**Picture 14: 4" DIP pipe and fittings that Ludlow has installed on the west side of the vault they are installing at Station 525+75. View to the northeast.**



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Picture 15: View of piping and thrust blocks that Ludlow installed on the west side of the vault they are installing at Station 525+75. Note the DIP cap that Ludlow placed on the blue 4" PVC water line that they cut. View to the east.



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Picture 16: 4" DIP pipe and associated thrust blocks that Ludlow installed to the west of the vault they are installing at Station 525+75.



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Picture 17: 4" DIP pipe and fittings that Ludlow has installed on the east side of the vault they are installing at Station 525+75. Note where the 4" DIP ties into the existing 4" PVC water line. View to the north.



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Picture 18: Ludlow placing sand over the 4" DIP they installed on the west side of the vault they installed at Station 525+75. View to the north.



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Picture 19: View of the vault that Ludlow installed at Station 525+75 on Pickett Lane. View to the northeast.



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Picture 20: View of the work zone at Station 525+75 on Pickett Lane after Ludlow secured it for the day.

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