

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 21, 2022
<b>Location:</b>	Pickett Lane, Main Street, and Maple Avenue, Durham	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	472
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 13

Weather Conditions			
Conditions:	Daylight hours: Sunny. Wind variable 0-7 mph.		
Temperature (°F):	High 91°F	Low	72°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	2	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	2	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 the installation of 8" DIP at the Coginchaug Regional High School in Durham. Grela Well Drilling decommissioned wells at 289 Main Street and 173 Maple Avenue, Durham.

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

Ludlow continued the installation of 8" DIP at the Coginchaug Regional High School in Durham.

0705: Ludlow has mobilized back to the Coginchaug Regional High School (CRHS) property to resume the installation of 8" DIP to feed the fire sprinkler system.

0729: Ludlow begins to excavate northwards towards the existing water line vaults in order to install 8" DIP.

0750: Ludlow is hand-digging around subsurface utilities as they excavate northwards towards the existing water line vaults in order to install 8" DIP.

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0845: Ludlow continues to excavate by hand around subsurface utilities that are located within the footprint of the trench they are excavating in order to install 8" DIP.

0912: Ludlow continues to excavate around utilities located to the west side of the water line vaults in order to install 8" DIP. Ludlow has just daylighted two 2" HDPE well lines that run into the northernmost vault.

0940: Ludlow continues to hand-excavate around a number of subsurface utilities located to the west side of the water line vaults at the CRHS.

1037: Ludlow continues to excavate to the west of the water line vaults at the CRHS in order to install 8" DIP.

1139: Ludlow continues to work around utilities as they attempt to run 8" DIP to the water line vaults at the CRHS.

1231: Ludlow continues to excavate on the west side of the water line vaults at the CRHS.

1304: Ludlow continues to hand-excavate within the footprint of the trench they are excavating for the installation of 8" DIP.

1335: Ludlow has resumed the installation of 8" DIP to the southwest of the water line vaults at the CRHS property.

1406: Ludlow continues to install 8" DIP southwest of the water line vaults at the CRHS.

1427: Ludlow tightening the connections on the restrained sections of the ~14' of 8" DIP they installed today to the southwest of the water line vaults located on the CRHS property.

1454: Ludlow is backfilling over the 8" DIP they installed today. Sand was placed above and below the pipe, followed by caution tape, followed by the material that they excavated from the trench.

### Daily Activities – Well decommissioning activities, Durham

Grela Well Drilling decommissioned wells at 289 Main Street and 173 Maple Avenue, Durham.

0949: Grela and Ludlow arrive at the 289 Main Street residence to decommission the property's drinking water well, which is located beneath the floor of the residence's living room.

1031: Grela has peeled back carpeting and removed a small section of plywood to access the well located at the 289 Main Street property.

1044: Grela wasn't able to remove the well head from the top of the well casing at the 289 Main Street residence. Grela filled the well tile with 8 bags of bentonite chips.

1051: Grela is hydrating the bentonite chips they just placed inside of the well tile at the 289 Main Street residence.

1057: Grela is restoring the areas that they disturbed when they decommissioned well at the 289 Main Street, Durham residence.

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1220: Grela and Ludlow have finished decommissioning the well at the 289 Main Street residence and are preparing to depart.

1237: Grela has mobilized to the 173 Maple Avenue residence to decommission the well located on the north side of the residence's basement.

1253: Grela has pulled the pump from the well at the 173 Maple Avenue residence.

1322: Grela has just finished filling the well at the 173 Maple Avenue residence with bentonite chips. Grela left the well pump with the homeowner at his request.

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Picture 1: Two 2" HDPE well lines that Ludlow daylighted on the west side of the northernmost water line vault located at the CRHS property.



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Picture 2: Grela working on decommissioning the well located at the 289 Main Street, Durham, property. View to the northwest.



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**Picture 3: Ludlow excavating to the southwest of the existing water line vaults at the CRHS as they continue to install 8" DIP. View to the northeast.**



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Picture 4: View of the well tile located below the floor of the 289 Main Street residence. Grela has filled the tile with bentonite chips as part of well decommissioning activities.

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**Picture 5: Grela hydrating the bentonite chips they placed the well tile located below the floor of the 289 Main Street residence as part of well decommissioning activities. View to the west.**



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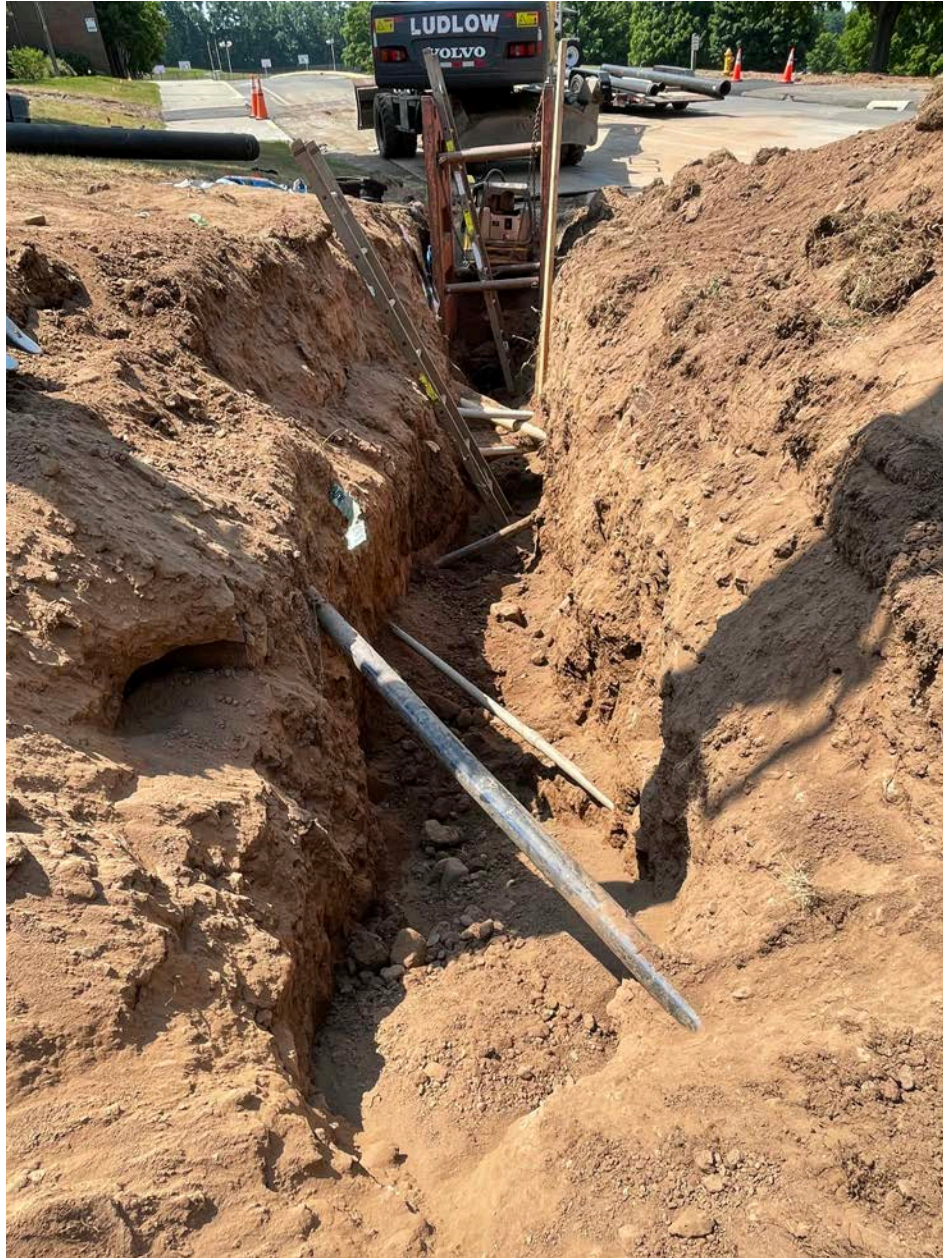


**Picture 6: Ludlow using hand tools to daylight the two HDPE well lines that enter the west side of the northernmost well line vaults at the CRHS property. View to the southwest.**



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**Picture 7: Some of the subsurface utilities that Ludlow daylighted today as part of installing 8" DIP approximately 30'-70' southwest of the water lien vaults at the CRHS property. View to the southwest.**



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**Picture 8: The well head of the well located on the north side of the basement of the 173 Maple Avenue residence.**

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**Picture 9: Grela pulling the well line and attached pump from the well located in the basement of the 173 Maple Avenue residence. View to the east.**

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**Picture 10: Several 8", 22° DIP bends that Ludlow secured in place with mechanical joint restraints.**