

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 18, 2022
Location:	Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	406
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Weather Conditions

Conditions: Daylight hours: Sunny. Wind variable 0-8 mph.
 Temperature (°F): High 54°F Low 45°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	0	X	8
				Foreman	1	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
Grela Well Drilling	3	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			
Barnhart	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
CT Traffic Control	0	x	8	Sub-contractor	3	X	8
A&R Electrical	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Type	#	x	hrs
Concrete/Asphalt Road Saw	1	x	8
Dump truck	2	x	8
Excavator – Large	0	x	8
Excavator - Mid-Size	2	x	8
Excavator - Rubber Wheeled	0	x	8
Skid Steer / Bucket Loader	1	x	8
Rolling Compactor	0	x	8
Plate Compactor	0	x	8
Jumping Jack Compactor	1	x	8
Street Sweeper (Broce Broom)	0	x	8
Material Hopper	0	x	8
Cutoff saw	1	x	8
Light Tower	0	x	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow continued water line installation activities at 201-203 Main Street, Durham (the Durham Manufacturing facility). Grela Well Drilling, Inc. (Grela) removed well pumps from the properties located at 176, 196, 215, and 239 Main Street, Durham, as part of well decommissioning activities.

Daily Activities – Installation of water lines, Durham

Ludlow continued water line installation activities at 201-203 Main Street, Durham (the Durham Manufacturing facility).

0715: Ludlow has mobilized back to the Durham Manufacturing property located at 201-203 Main Street, Durham, to resume the installation of a 4" DIP water service line.

0745: Ludlow is removing some of the steel plates they used last night to secure the trench at the Durham Manufacturing property as they prepare to finish backfilling over 4" DIP they installed yesterday.

0834: Ludlow places black geofabric beneath the 4" DIP and 4" DIP fittings they installed to the east side of the water meter vault.

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1003: Ludlow continues to backfill over the 4" DIP located east of the meter vault in 1' lifts and is compacting the fill with the jumping jack. Ludlow repaired the 4" PVC line they damaged yesterday using a 42" section of PVC and two Fernco boots.

1113: Ludlow continues to place and compact fill around the water meter vault at the Durham Manufacturing facility. Ludlow is also conducting a static pressure test on the entire length of the 4" DIP they have installed at the Durham Manufacturing property. Ludlow placed additional sections of 2" thick foam over the 4" DIP between the well vault and the foam they placed on April 13, 2022.

1204: Ludlow is compacting fill they placed in the trench they excavated during the installation of 4" DIP across the parking lot of the Durham Manufacturing parking lot with a rolling compactor as they prepare to pave over the trench. Ludlow is using a Broce Broom to clean the parking lot.

1335: Ludlow is placing a first lift of asphalt within the trench footprint at the Durham Manufacturing parking lot and is compacting it with a rolling compactor.

1353: Ludlow is placing and spreading a second lift of asphalt within the trench footprint at the Durham Manufacturing parking lot and is compacting it with a rolling compactor.

1428: Ludlow has almost finished placing and rolling the last lift of asphalt placed within the trench footprint at the Durham Manufacturing parking lot.

1439: Ludlow has finished paving the trench in the Durham manufacturing facility parking lot. Ludlow is also cleaning the parking lot again with the Broce Broom.

1451: Ludlow is securing the work zones at the Durham Manufacturing facility and is preparing to depart the site for the day.

Daily Activities – Well decommissioning activities, Durham

Grela Well Drilling, Inc. (Grela) removed well pumps from the properties located at 176, 196, 215, and 239 Main Street, Durham, as part of well decommissioning activities.

0900: Ludlow conducts a team meeting to discuss upcoming well decommissioning activities in the Town of Durham that will be conducted by their subcontractor Grela Well Drilling, Inc. (Grela). Those present include Mike Pio, Rob Petticord, and Jerry Brandon (Ludlow); George Grela and Abby Grela (Grela), Kurt Mintel (USACE); and Joel Meunier (AECOM).

0918: Grela arrives at the 239 Main Street, Durham, residence to remove the home's well pump as part of well decommissioning activities.

0930: Grela begins well removal activities at the 239 Main Street residence. Grela severs the powerline to the well pump after checking in the basement of the residence that the power to the well had been disconnected.

0940: Grela has pulled all of the black poly well pipe and pump from the well located at the 239 Main Street property.

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0954: Grela is collecting well data at the 239 Main Street property to place in a State of Connecticut Department of Consumer Protection Well Drilling Completion Report.

0957: Grela seals the power line conduit located next to the well casing at the 239 Main Street property with a plastic plug.

1014: Grela has arrived at the 215 Main Street, Durham, residence to remove their well pump as part of well decommissioning activities.

1034: Grela has removed the pump from the well at the 215 Main Street residence and is currently collecting water level measurements to place in a State of Connecticut Department of Consumer Protection Well Drilling Completion Report .

1051: Grela has mobilized to the 196 Main Street property (Church of the Epiphany) to remove the well pump as part of well decommissioning activities. Grela has started to pull the pump and the black poly water line.

1101: Grela has cut the power cord to the well pump at the 196 Main Street building after confirming the power line to the had been disconnected inside of the church basement. Grela is currently collecting water level data from the well at the 196 Main Street property to place in a State of Connecticut Department of Consumer Protection Well Drilling Completion Report.

1107: Grela is placing the black poly well pipe back down the well at the 196 Main Street property so they can use it in the future to tremie grout the well.

1122: Grela has just mobilized to the 176 Main Street, Durham, residence to remove the well pump as part of well decommissioning activities. The new water system was mounted on the north side of the basement wall near the north east corner.

1133: Grela locates a buried well head in a small garden on the east side of the 176 Main Street, Durham, residence near the northeast corner.

1139: Grela has backfilled over the well they daylighted on the east side of the 176 Main Street residence after determining that it had already been abandoned. Grela turns their attention to a second potable well located on the far west side of the property which needs to be decommissioned.

1145: Grela has located the second potable well on the 176 Main Street property and is preparing to pull the pump and black poly well line.

1157: Grela just removed the pump and black poly well line from the second well at the 176 Main Street property. Grela is currently collecting water level data to place in a State of Connecticut Department of Consumer Protection Well Drilling Completion Report. Grela also just capped the top of the power line conduit next to the well casing with a plastic plug.

1304: Grela has mobilized to the 151R and 153 Main Street, Durham, residences to decommission the well that supplies both homes. The well head is located approximately 7' below surface grade, surrounded by a rock/concrete sleeve that sits approximately 2.5' above surface grade. This configuration will prevent Grela from removing the well pump today as they can't access the top of the well.

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Picture 1: Grela setting up a machine that will pull the well line and well pump from the well located at the 239 Main Street, Durham, residence. View to the southeast.

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Picture 2: Grela pulling the well line and well pump from the well located at the 239 Main Street, Durham, residence. View to the east.

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Picture 3: Ludlow using a jumping jack to compact fill on the west side of the meter vault they just installed at the Durham Manufacturing property. View to the northeast.

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Picture 4: Grela setting up to pull the well line and well pump from the well located on the east side of the 215 Main Street, Durham, residence. View to the north.

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Picture 5: Grela pulling the well line and well pump from the well located at the 176 Main Street, Durham, residence. View to the west.

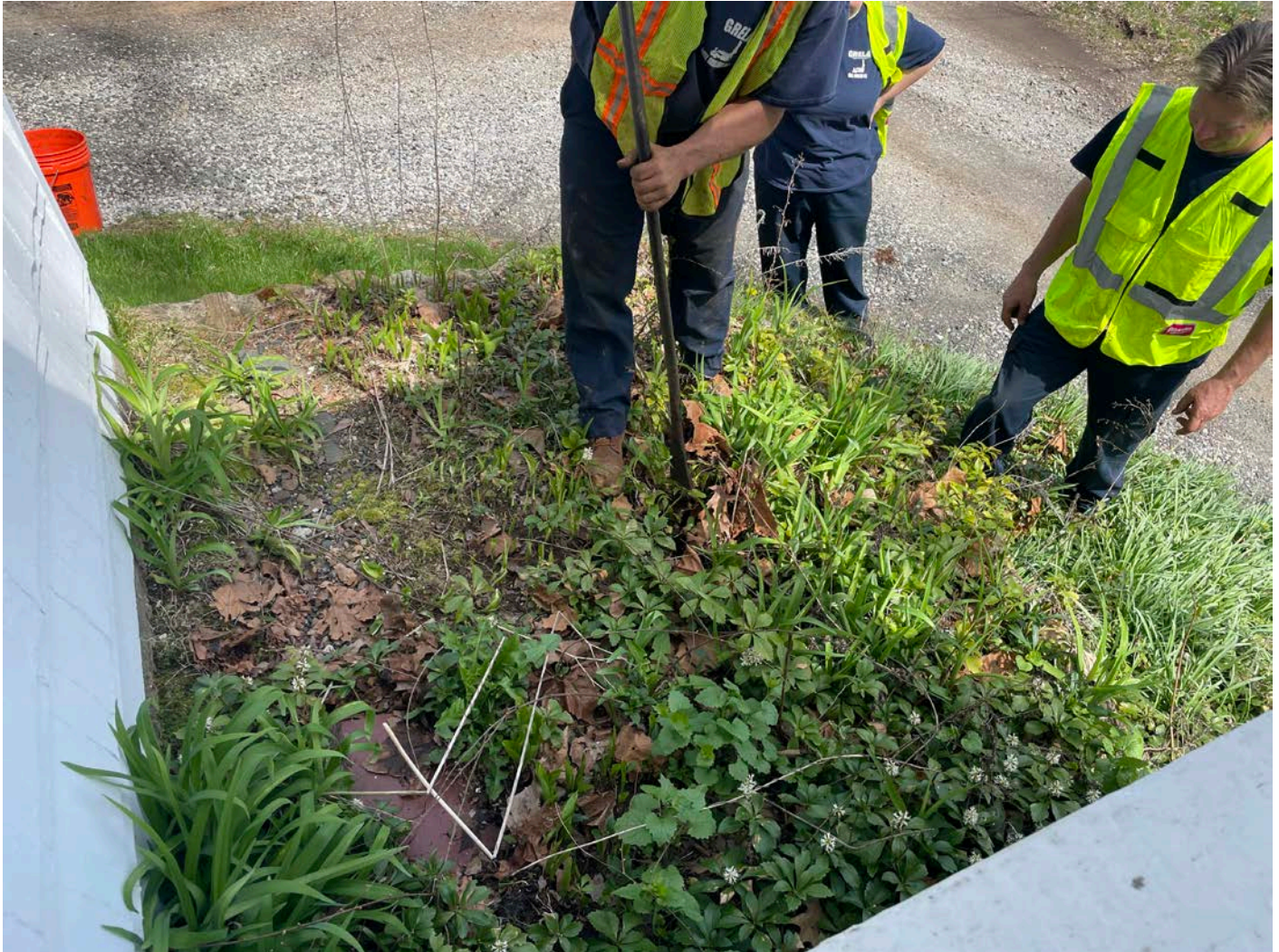
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Picture 6: Grela locating a buried well head on the east side of the 176 Main Street, Durham, residence. View to the northeast.

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Picture 7: Grela has just pulled the well line and well pump from the second well located on the west side of the 176 Main Street, Durham, property. View to the west.

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Picture 8: Grela has just sealed the electric line conduit for the well pump with a gray plastic plug on the well located on the west side of the 176 Main Street, Durham, property. View to the southwest.

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Picture 9: Ludlow compacting fill within the trench footprint at the Durham Manufacturing property as they prepare to pave the trench. View to the north.

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Picture 10: Ludlow placing tack coat on the cut edges of pavement on the trench footprint at the Durham Manufacturing property as they prepare to pave the trench. View to the south.

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Picture 11 Ludlow compacting the first lift of asphalt that they placed within the trench footprint at the Durham Manufacturing property. View to the west.

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Picture 12: Ludlow placing a second lift of asphalt within the trench footprint at the Durham Manufacturing property. View to the west.

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Picture 13: Ludlow placing and raking a second lift of asphalt within the trench footprint at the Durham Manufacturing property. View to the northeast.

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Picture 14: Ludlow has partially backfilled around the top of the water meter vault that they installed at the Durham Manufacturing property. View to the southeast.

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Picture 15: Overview of the paving that Ludlow placed to seal the trench they excavated during the installation of a 4" DIP water service line at the Durham Manufacturing property. View to the east/southeast.

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