

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 27, 2022
<b>Location:</b>	Main Street, Maiden Lane, and Maple Avenue, Durham; Long Hill Road and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Wednesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	413
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### Weather Conditions

Conditions: Daylight hours: Mostly cloudy. Wind variable 0-16 mph.  
 Temperature (°F): High 55°F Low 37°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	0	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			
Barnhart	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
Knapp Engineering	1	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

Visitors: None.

### Pipe Connections, Installations, and Other Work

Ludlow continued to fill the water tank located east of the Shared Access Driveway in Middletown. Ludlow also performed lawn restoration activities at selected properties in Durham related to the installation of copper water service lines last year. Knapp Engineering worked on setting relays in the electrical enclosure located west of the water tank. Grela Well Drilling, Inc. (Grela) removed well pumps from the properties located at the 212R, 235 Maple Avenue; 17, 78, 105, 110 Maiden Lane; and 120, 168, and 271 Main Street, Durham, properties as part of well decommissioning activities. Ludlow mobilized back to the Long Hill pump station to resume work on installing a chlorination system.

### Daily Activities – Water tank work zone, Shared Access Driveway, Middletown

Ludlow continued to fill the water tank located east of the Shared Access Driveway in Middletown. Knapp Engineering worked on setting relays in the electrical enclosure located west of the water tank.

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### Daily Activities – Lawn restoration, Durham

Ludlow performed lawn restoration activities at selected properties in Durham related to the installation of copper water service lines last year.

0806: Ludlow is working at the 228R Maple Avenue property restoring portions of the lawn that were disturbed during the installation of a copper water service line last year.

0855: Ludlow continues to work at the 228R Maple Avenue property restoring portions of the lawn that were disturbed during the installation of a copper water service line last year.

0943: Ludlow continues to work at the 228R Maple Avenue property restoring portions of the lawn that were disturbed during the installation of a copper water service line last year.

1051: Ludlow continues lawn restoration activities at the 228R Maple Avenue property.

1243: Ludlow is performing lawn restoration activities at the 244 Maple Avenue property to address those areas that were disturbed during the installation of a copper water service line last year.

### Daily Activities – Long Hill pump station, Long Hill Road, Middletown

Ludlow mobilized back to the Long Hill pump station to resume work on installing a chlorination system.

### Daily Activities – Well decommissioning activities, Durham

Grela Well Drilling, Inc. (Grela) removed well pumps from the properties located at the 212R, 235 Maple Avenue; 17, 78, 105, 110 Maiden Lane; and 120, 168, and 271 Main Street, Durham, properties as part of well decommissioning activities.

0857: Grela mobilizes to the 235 Maple Avenue, Durham, property to remove the pump from the residence's well.

0903: Grela has just cut the power to the submersible pump located in the well at 235 Main Street. The well is located on the west side of the house near the south west corner.

0919: Grela has just pulled the pump from the well located at the 235 Maple Avenue property.

0937: Grela has mobilized to the 17 Maiden Lane, Durham, residence to remove the pump from the property's well.

1006: Grela has mobilized to the 78 Maiden Avenue, Durham, residence to pull the pump from the well located southwest of the southwest corner of the house.

1016: Grela is in the process of pulling the pump from the well located on the 78 Maiden Lane residence.

10:20: Grela has removed the pump from the well located on the 78 Maiden Lane property and is currently collecting water level data.

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1029: Grela has mobilized to the 110 Maiden Avenue, Durham, property to address the well located on the north side of the house near its northeast corner. The jet pump that was connected to the well was previously removed. Grela tried to put a new lid onto the well riser but it was too wide for the schedule 80 PVC riser. Grela secured the well by placing the old lid back on the top of the PVC riser.

1047: Grela has mobilize to the 105 Maiden Lane, Durham, property to pull the pump from the well located on the north side of the house.

1053: Grela starts to pull the pump at the 105 Maiden Avenue property.

1106: Grela has just removed the pump from the well at 105 Maiden Avenue and is currently in the process of putting the black poly well line back down well to use later when they tremie grout. Grela is also placing a plastic plug in the plastic conduit that brought power to the well pump.

1145: Grela is removing the pump from the well located at the 212R Maple Avenue, Durham, property.

1211: Grela has arrived at the 271 Main Street, Durham, property to pull the pump from the well located on the north side of the house. The well was found buried beneath ~15" of soil and inside of a ~12" plastic tile. The location as well is marked as a septic system on the Appendix B plans.

1228: Grela was unable to pull the pump from the well located on the 271 Main Street property due to logistical issues (the narrow diameter of the 12" plastic tile that the well is set inside of made it impossible to reach the top of the well with the correct tools to remove it).

1302: Grela mobilizes to the 168 Main Street, Durham, property to remove the pump from the well located on the south side of the house immediately west of a bulkhead door to the basement.

1321: Grela is currently using an electric saw to cut the metal cap off the steel well riser at the 168 Main Street property.

1401: Grela has removed the pump from the well at 168 Main Street property and is currently sending one of the two black poly waterlines back down the well for future use when they tremie grout the well.

1416: Grela mobilizes to the 120 Main Street, Durham, residence to pull the pump from the well located on the west side of the property.

1436: Grela is in the process of pulling the pump from the well located on the west side of the 120 Main Street residence.

1449: Grela has finished pulling the pump from the well located at the 120 Main Street property.

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Picture 1: Grela pulling the pump from the well located at the 17 Maiden Lane, Durham, property. View to the southeast.



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Picture 2: Grela pulling the pump from the well located at the 78 Maiden Lane, Durham, property. View to the northwest.

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Picture 3: Grela pulling the pump from the well located at the 105 Maiden Lane, Durham, property. View to the northwest.

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Picture 4: The well located on the north side of the 110 Maiden Lane, Durham, residence that Grela is preparing to remove the pump from. View to the southwest.

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Picture 5: Grela having just pulled the pump from the well located at the 120 Main Street, Durham, property. View to the west.



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Picture 6: Grela pulling the pump from the well located at the 168 Main Street, Durham, residence. View to the northeast.

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Picture 7: Grela pulling the pump from the well located at the 235 Maple Avenue, Durham, property. View to the southeast.

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**Picture 8: The well located on the north side of the 271 Main Street, Durham, residence. The space restrictions imposed by the 12" plastic tile surrounding the well head made it impossible for Grela to access the well head in order to remove the well pump today.**



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**Picture 9: Ludlow performing restoration activities on the areas of the 228R Maple Avenue property that were disturbed last year during the installation of a copper water service line. View to the west.**

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**Picture 10: Knapp Engineering working on setting up relays inside of the electrical enclosure located on the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the south.**