

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 19, 2022
<b>Location:</b>	Maple Avenue and Main Street, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	407
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### Weather Conditions

Conditions: Daylight hours: Rain/cloudy. Wind variable 0-6 mph.  
 Temperature (°F): High 50°F Low 39°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

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 202, 243, 256, 262, and 267 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).

0704: Ludlow has mobilized to the Durham Manufacturing facility to continue work associated with the installation of the 4" DIP waterline they recently installed at the property.

0727: Ludlow has set up a cement mixer next to the western side of the Durham Manufacturing facility where they brought a 4" DIP water service line into the building.

0738: Ludlow is using an excavator to place and grade fill around the top of the well vault they installed at the Durham Manufacturing property.

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0916: Ludlow is mixing cement to fill the hole they cut in the floor of the Durham Manufacturing facility when they brought a 4" water service line inside of the building.

0956: Ludlow is finishing up placing concrete on the inside of the Durham Manufacturing facility where they cut the floor during the installation of a 4" DIP water service line.

1030: Ludlow has pressurized the 4" inch DIP water service line at the Durham Manufacturing property to 140 PSI to test the line.

1157: Ludlow is performing restoration activities at the Durham manufacturing facility property on those areas that were disturbed during the installation of 4" DIP.

1240: Ludlow is placing loam around the water meter vault they recently installed at the Durham Manufacturing property.

1307: Ludlow continues to restore those portions of the lawn at the Durham Manufacturing property that were disturbed during the installation of a 4" DIP water service line.

1325: Ludlow is erecting silt fence on the west side of the parking lot of the Durham Manufacturing property.

1348: Ludlow has finished cleaning up the work zone at the Durham Manufacturing property.

### **Daily Activities – Well decommissioning activities, Durham**

Grela Well Drilling, Inc. (Grela) removed well pumps from the properties located at 202, 243, 256, 262, and 267 Main Street, Durham, as part of well decommissioning activities.

0841: Grela arrives at the site trailer as they prepare to remove pumps from the wells of six residences today.

0902: Grela arrives at the 202 Main Street residence to remove the pump from the property's well as part of well decommissioning activities.

0908: Grela begins to pull the water line and the pump from the well located on the west side of the 202 Main Street, Durham, property.

0938: Grela arrives at the 243 Main Street, Durham, building to remove the pump from the property's well as part of well decommissioning activities.

0942: Grela severs the power line connected to the well at the 243 Main Street building as they continue pump removal activities.

0950: Grela begins to pull the pump from the well located on the south side (Maiden Lane side) of the 243 Main Street building.

1005: Grela arrives at the 256 Main Street residence to remove the pump from the well located on the east side of the property as part of well decommissioning activities.

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# AECOM

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1027: Grela has removed the pump and from the well located at the 256 Main Street property.

1052: Grela arrives at the 262 Main Street, Durham, residence to remove the pump from the property's well as part of well decommissioning activities.

1056: Grela is in the process of pulling the pump at the 262 Main Street property.

1124: Grela has just mobilized to the 265 Main Street, Durham, residence where they are going to remove the pump from the property's well as part of well decommissioning activities. The wellhead is located ~10" below surface grade.

1143: Grela uses hand tools to daylight a large concrete lid that covers the well at the 265 Main Street property. The lid is too heavy to lift by hand. Grela will have to return at a later date to remove the pump.

1201: Grela is in the process of pulling the pump from the well located on the west side of the 267 Main Street residence. Grela has just severed the power line well. The power line was observed to not be encased in a conduit.

### Daily Activities – Miscellaneous

1255: Representatives from Ludlow, the USACE, and AECOM visit the 166 Maple Avenue, Durham, residence to respond to the resident's concerns regarding a leak where the 1" copper water service line penetrates the home's east foundation. Ludlow inspected the area of the reported leak, took pictures, and told the resident that they would get back to her once Ludlow came up with a solution.

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Picture 1: Grela pulling the well pump from the well located at the 202 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 243 Main Street, Durham, residence. View to the north.**

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Picture 3: Grela pulling the well line and well pump from the well located at the 256 Main Street, Durham, residence. View to the southeast.

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**Picture 4: Grela daylighting a cement cover that sits over the well located on the south side of the 265 Main Street, Durham, residence. View to the northeast.**

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Picture 5: Grela pulling the well pump from the well located at the 267 Main Street, Durham, residence. View to the southeast.

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**Picture 6: Power lines (without a protective exterior conduit surrounding them) that connected to the well pump at 267 Main Street, Durham, residence. View to the northeast.**

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Picture 7: Ludlow compacting fill in 1' lifts as they backfill the trench they excavated on the west side of the meter vault at the Durham Manufacturing property for the installation of a 4" DIP water service line.

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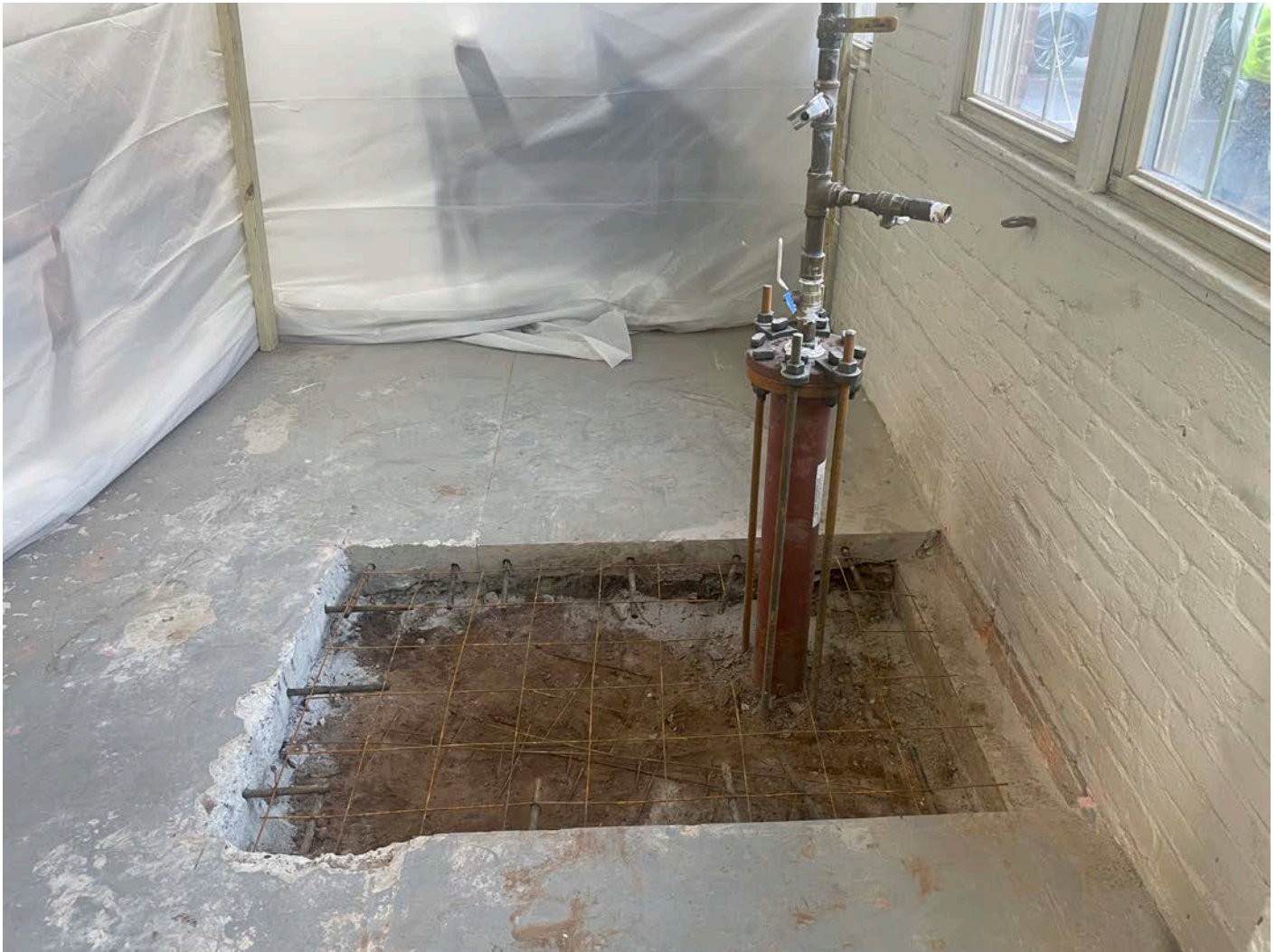
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**Picture 8: Hole in the floor of the Durham Manufacturing facility where Ludlow brought in a 4" DIP water service line. View to the south. Ludlow has placed steel screen and sections of rebar set into the sidewalls of the cut concrete as they prepare to fill the hole with concrete. View to the south.**

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Picture 9: Pressure gage showing a pressure of 140 PSI on the 4" DIP water service line they installed at the Durham Manufacturing property.

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**Picture 10: Hole in the floor of the Durham Manufacturing facility where Ludlow brought in a 4" DIP water service line and subsequently patched today with concrete. View to the south.**

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**Picture 11: Ludlow placing and raking fill on those portions of the lawn at the Durham Manufacturing property that were disturbed during the installation of a 4" DIP water service line. View to the west.**

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**Picture 12: View of the area surrounding the hatch to the water meter vault that Ludlow installed at the Durham Manufacturing property. View to the southeast.**



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Picture 13: Ludlow erecting silt fencing at the Durham Manufacturing property, downslope of where they restored and seeded the area that was disturbed during the installation of a 4" DIP water service line. View to the northeast.

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**Picture 14: Area of the wall and floor in the basement of the 166 Maple Avenue residence where the resident observed leaking where the 1" copper water service line penetrates the eastern foundation of the home. View to the northeast.**

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