

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 29, 2022
<b>Location:</b>	Johns Way and Maple Avenue, Durham; Long Hill Road and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	415
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### Weather Conditions

Conditions: Daylight hours: Sunny. Wind variable 0-14 mph.  
 Temperature (°F): High 59°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	0	X	8
				Excavator Operator	1	X	8
Grela Well Drilling	2	X	8	Skid Steer/Bucket Loader	0	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	0	x	8	Sub-contractor	0	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 finished filling the water tank located east of the Shared Access Driveway in Middletown. Ludlow continued to install a railing at the retaining wall on the south side of the Shared Access Driveway. Ludlow resumed work on installing a chlorination system at the Long Hill pump station. Grela Well Drilling, Inc. (Grela) removed well pumps from the properties located at the 10 Johns Way; 95R, 13, 119, 175, 184, 206, and 244 Maple Avenue, Durham, properties as part of well decommissioning activities.

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

Ludlow finished filling the water tank located east of the Shared Access Driveway in Middletown. Ludlow continued to install a railing at the retaining wall on the south side of the Shared Access Driveway.

1011: Ludlow continues to fill the water tank located east of the Shared Access Driveway. The two gauges in the altitude valve vault indicate water levels of 69.22' and 69.34', respectively.

1133: Ludlow has filled the water tank located east of the Shared Access Driveway. The two gauges in the altitude valve vault indicate water levels of 71.69' and 71.80', respectively.

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1227: Ludlow continues working on installing a railing on the south side of the retaining wall located between Stations 10+65 and 11+35. They have just finished excavating a hole for the placement of an 8" diameter, 4' long Sonotube and are currently laying out the location of a second Sonotube.

1424: Ludlow continues to work on placing a Sonotube on the south side of the retaining wall for the installation of railing post.

1431: Ludlow is finishing up work at the water tank work zone and is preparing to depart for the day.

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

Ludlow resumed work on installing a chlorination system at the Long Hill pump station.

0711: Ludlow is laying out the locations where they will install additional components of the chlorination system at the Long Hill pump station.

0746: Ludlow continues to lay out the locations where they will install additional components of the chlorination system.

### Daily Activities – Well decommissioning activities, Durham

Grela Well Drilling, Inc. (Grela) removed well pumps from the properties located at the 10 Johns Way; 95R, 13, 119, 175, 184, 206, and 244 Maple Avenue, Durham, properties as part of well decommissioning activities.

0823: Grela has mobilized to the 10 Johns Way, Durham, property to pull the pump from the well located to the northeast of the residence's northeast corner.

0840: Grela has begun to pull the pump from the well located on the north side of the 10 Johns Way property.

0849: Grela has just removed the pump from the well located at the 10 Johns Way property.

0855: Grela is collecting water level data from the well located at the 10 Johns Way property.

0910: Grela is disposing of the black plastic well line they pulled from the 10 Johns Way property. The well is scheduled to be converted into a monitoring well at a later date.

0930: Grela visits the 236 Maple Avenue, Durham, property to locate their well but was unable to find it.

0933: Grela mobilizes to the 244 Maple Avenue, Durham, property to pull the pump from the well located on the south side of the house.

0941: Grela is unable to make contact with the residents at 244 Maple. Grela leaves a message for the residents and departs from the property.

0943: Grela mobilizes to the 206 Maple Avenue, Durham, property to pull the pump from the well located on the east side of the house.

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0937: Grela makes contact with the homeowners of 206 Maple Avenue property who inform Grela that they will return the property shortly.

0940: Grela is in the process of removing the pump from the well at the 206 Maple Avenue property.

1021: Grela has mobilized to the 184 Maple Avenue, Durham, property to remove the pump from the well located on the east side of the house. Grela is currently attempting to make contact with the property owner before proceeding. Grela is unable to make contact with the property owner so they're going to pull the well pump today and address plugging the conduit for the powerline inside the basement at some later date.

1027: Grela begins to pull the pump from the well located on the east side of the 184 Maple Avenue residence.

1038: Grela has cut the power line to the well and is plugging the power line conduit with a plastic plug.

1048: Grela has mobilized to the 175 Maple Avenue, Durham, property to remove the pump from the well located in the basement of the house in the northeast corner of the basement.

1100: Grela has just removed the pump from the well in the basement of the 175 Maple Avenue residence and is currently sending the black plastic water line back down the well to use later when Grela tremie grouts the well.

1107: Grela returns to the 244 Maple Avenue, Durham, property and makes contact with one of the owners.

1115: Grela begins to remove the pump from the well located on the east side of the 244 Maple Avenue residence.

1144: Grela has mobilized to the 119 Maple Avenue, Durham, property to remove the pump from the well located on the east side of the house.

1155: Grela is pulling the pump from the well located on the east side of the 119 Maple Avenue residence.

1228: Grela has mobilized to the 95R Maple Avenue, Durham, property to remove the pump from the well located north of the northeast corner of the house.

1239: Grela begins to pull the pump from the well located to the northeast of the 95R Maple Avenue residence.

1316: Grela has mobilized to the 13 Maple Avenue, Durham, property to remove the pump from the well located to the northwest of the residence.

1320: Grela speaks to the home owner of the 13 Maple Avenue residence via phone and prepares to pull the pump from the well with the 6" steel casing located on the north side of the property. In addition to this well, there are two dug wells on the property: one located on the west side of the residence and the other on the east.

1324: Grela discovers that the pump belonging to the well with the 6" steel casing has already been removed. Grela is currently collecting well depth data.

1328: Grela collects well depth data from the dug wells located on the east and west sides of the 13 Maple Avenue residence.

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1341: Grela is waiting for the resident of the 13 Maple Avenue property to return so they can gain access to the basement and confirm that the power line conduit for the well pump has been plugged from inside of the house.

1404: The resident of the 13 Maple Avenue property has returned home. Grela plugs the power line conduit for the well pump from inside the basement of the house.

### Daily Activities – Miscellaneous

Ludlow inspected a leak reported by the homeowner of the 10 Johns Way residence. The homeowner of the 10 Johns Way property showed Ludlow and AECOM where a ½” copper water feed line to a spigot located on the west side of the house is leaking. Ludlow inspects the copper pipe and found the split in the line to be consistent with frost damage.

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Picture 1: Ludlow laying out the location of the chlorination system components they are installing at the Long Hill pump station located on Long Hill Road in Middletown. View to the south.

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**Picture 2: Water coming out of the tank overflow after Ludlow filled the tank. West side of the water tank located west of the Shared Access Driveway in Middletown. View to the north.**

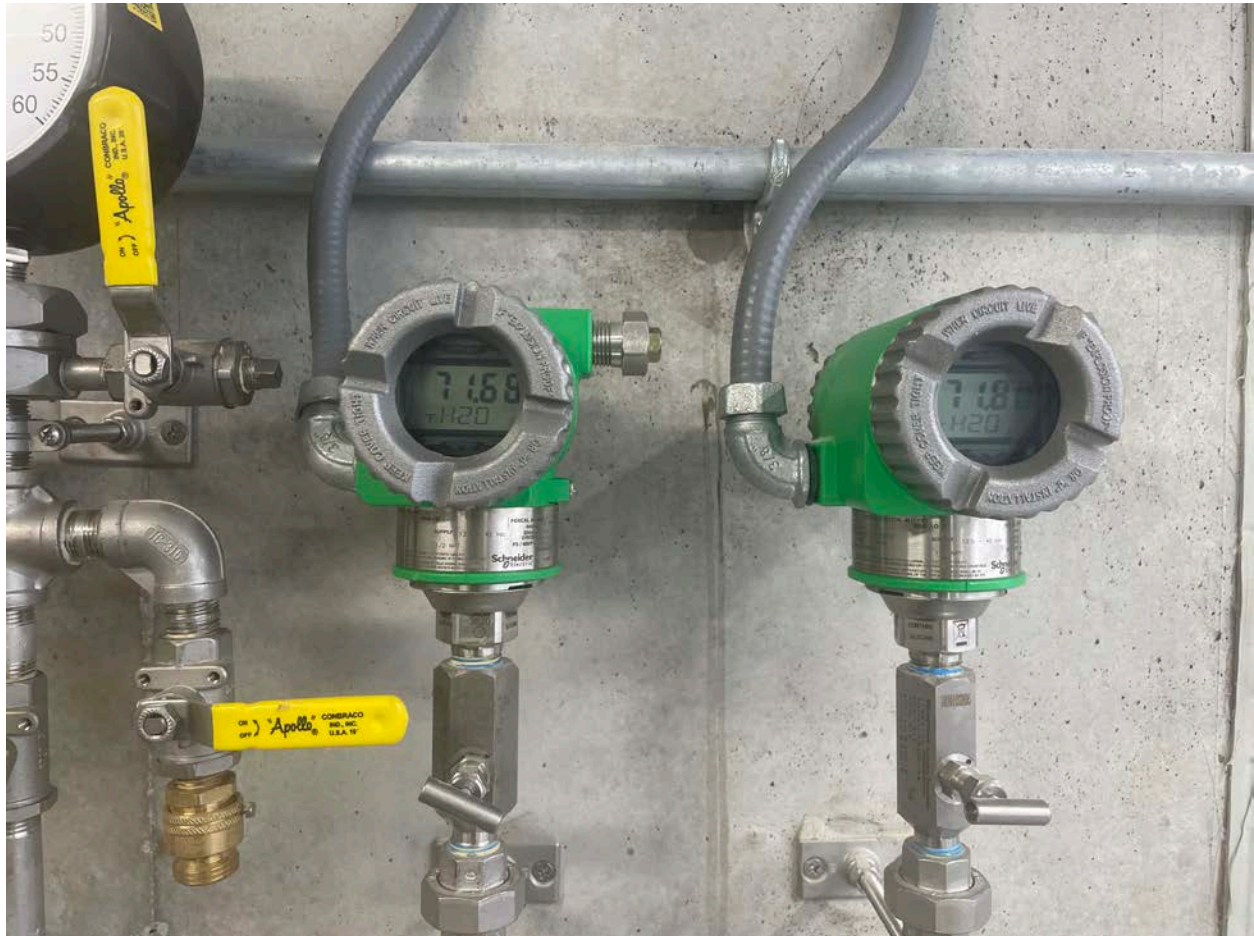
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Picture 3: Two gauges in the altitude vault reporting the water level in the water tank after Ludlow filled it. View to the east.

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**Picture 4: Ludlow auguring a hole for the placement of a 4' section of 8" diameter Sonotube on the south side of the retaining wall located between Stations 10+65 and 11+35 on the Shared Access Driveway in Middletown. View to the north.**

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Picture 5: Ludlow installing a 4' section of 8" diameter Sonotube on the south side of the retaining wall located between Stations 10+65 and 11+35 on the Shared Access Driveway in Middletown. View to the northwest.

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**Picture 6: Grela removing the pump from the well located on the north side of the 10 Johns Way, Durham, property.  
View to the south.**

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**Picture 7: Grela removing the pump from the well located on the north side of the 95R Maple Avenue, Durham, property. View to the north.**

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**Picture 8: Grela removing the pump from the well located on the north side of the 119 Maple Avenue, Durham, property. View to the northwest.**

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Picture 9: Grela removing the pump from the well located inside the basement of the 175 Maple Avenue, Durham, property. View to the northeast.

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**Picture 9: Grela removing the pump from the well located on the east side of the 184 Maple Avenue, Durham, property. View to the northwest.**

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Picture 10: Grela removing the pump from the well located on the east of the 206 Maple Avenue, Durham, property. View to the northwest.

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Picture 11: Grela removing the pump from the well located on the south side of the 244 Maple Avenue, Durham, property. View to the west.

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Picture 12: Grela collecting well depth data from the dug well located on the west side of the 13 Maple Avenue, Durham, property. View to the southwest.

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**Picture 13: The dug well located on the east side of the 13 Maple Avenue, Durham, property. View to the north.**