

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 19, 2022
Location:	Main Street, Durham; Long Hill Road, Middletown	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	429
Contractor:	Ludlow Construction	Page:	1 of 17

Weather Conditions

Conditions: Daylight hours: Mostly sunny. Wind variable 0-13 mph.
 Temperature (°F): High 75°F Low 54°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
John Turner Consulting	0	x	8	Excavator Operator	1	X	8
Grela Well Drilling	3	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			
Knapp Engineering	2	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
Harper Haines	0	x	8	Sub-contractor	5	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 replaced a hydrant located on the west side of Main Street at Station 174+91. Ludlow performed lawn restoration activities at a number of properties in Durham. Grela decommissioned wells at 307, 297, 312 and 316 Main Street, Durham. Knapp Engineering worked at the Long Hill Pump Station in Middletown.

Daily Activities – Property restoration activities, Durham

Ludlow performed lawn restoration activities at a number of properties in Durham.

0743: Ludlow has mobilized to the 261 Main Street property to repair the portion of the lawn that was disturbed by the installation of a copper water service line last year.

0816: Ludlow using a Harley rake attached to a CAT 279D on the portion of the lawn at the 261 Main Street, Durham, property that was disturbed by the installation of a copper water service line last year.

0918: Ludlow is backfilling around the two wells that Grela decommissioned at the 303/305 Main Street, Durham, property. The fill is being placed in 1' lifts and is being compacted with a jumping jack.

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0920: Ludlow is performing lawn restoration work at the 228R Maple Avenue, Durham, property.

1140: Ludlow is backfilling the hole left behind after Grela decommissioned the well located at the northwest corner of the 307 Main Street property.

1203: Ludlow is backblading the driveway at 305/303 Main Street property with a CAT 279D. Ludlow is currently delivering a load of 3/4" rock to the property and has begun placing it on the south side of the 305 Main Street residence, working westwards.

1241: Ludlow is using a rolling compactor on the 3/4" stone they just placed on the driveway of the 303/305 Main Street property.

Daily Activities – Hydrant repair at Station 174+91, Main Street, Durham

Ludlow replaced a hydrant located on the west side of Main Street at Station 174+91.

1033: Ludlow is setting up at Station 174+91 (immediately north of the intersection of Talcott Lane and Main Street) to replace a hydrant that was previously damaged by a motor vehicle.

1259: Ludlow begins to excavate on the west side of Main Street at Station 174+91 as they prepare to replace the hydrant that was previously damaged by a vehicle.

1401: Ludlow continues to work on replacing the hydrant located at Station 174+91 on Main Street, Durham.

1414: Ludlow placing a new hydrant at Station 174+91 on Main Street.

1443: Ludlow has installed new hydrant at Station 174+91 and is preparing to place thrust blocks (3 cinder blocks placed on the west side of base of the hydrant stem where it connects to the 6" DIP feed line).

1449: Ludlow is in the process of placing 3 cinderblocks on the west side of the hydrant stem located at Station 174+91 for use as thrust blocks.

1457: Ludlow is placing ~2' of 3/4" rock over the thrust blocks and around the hydrant stem located at Station 174+91.

1510: Ludlow is in the process of placing fill in 1' lifts into the excavation they made during the replacement of a hydrant at Station 174+91.

1519: Ludlow is using a jumping jack to compact the fill that is being placed around the stem of the hydrant located at Station 174+91 in 1' lifts.

1526: Ludlow has finished working for the day at Station 174+91. Ludlow needs to return at a later date to add a 1' riser in order to bring the hydrant up to its proper elevation.

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Daily Activities – Well decommissioning activities, Durham

Grela Well Drilling decommissioned wells at 307, 297, 312 and 316 Main Street, Durham.

0922: Grela has mobilized to the 307 Main Street, Durham, property to decommission the well located at the southwest corner of the property.

0930: Ludlow is backfilling the holes left behind after Grela decommissioned the wells for the 303/305 Main Street, Durham property yesterday. Ludlow is placing fill in 1' lifts and compacting with a jumping jack in between lifts.

0939: Grela has begun to place sand into the well on the 307 Main Street property as part of well decommissioning activities.

0945: Ludlow is placing loam and grass seed on the areas they just backfilled at the 303/305 Main Street property where Grela decommissioned two wells yesterday.

1030: Ludlow is daylighting the well located on the southwest corner of the 297 Main Street, Durham, residence in order to allow Grela access to decommission the well.

1052: Grela is using a torch to cut the 6" steel casing of the well located at the 307 Main Street property. Grela is cutting the casing 2' below service grade.

1113: Grela has finished decommissioning the well at the 307 Main Street property and is preparing to mobilize to the 297 Main Street, Durham, property to decommission the well located on the southwest corner of the house.

1135: Grela is placing sand into the well located on the southwest corner of the 297 Main Street residence as part of well decommissioning activities.

1201: Grela continues to add sand to the well located on the 307 Main Street property.

1239: Grela has filled the well at the 307 Main Street property with bentonite chips and has finished well decommissioning at this location.

1240: Grela continues to fill the well at the 297 Main Street property with sand.

1254: Grela has placed sand into the well at the 297 Main Street property up to 35' below the surface grade and is starting to place bentonite chips into the well as part of well decommissioning activities.

1312: Grela has finished placing bentonite chips in the well located at the 297 Main Street, completing well decommissioning activities at this property.

1330: Grela is setting up at the 312 and 316 Main Street, Durham, properties to decommission their wells.

1347: Grela is placing sand in the well located on the south side of the 312 Main Street residence as part of well decommissioning activities. Ludlow is also set up on the well located at the 316 Main Street property but hasn't started decommissioning activities yet.

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1405: Grela is placing sand into the wells located at 312 and 316 Main Street properties as part of well decommissioning activities.

1445: Grela continues to place sand into the wells located on the 312 and 316 Main Street properties.

1501: Grela has placed sand up to 40' below service grade in the well located at the 316 Main Street property.

1507: Grela continues to place sand in the well located at the 312 Main Street property. Grela is in the process of placing bentonite chips into the well located at the 316 Main Street property.

1531: Grela continues to add bentonite chips to the well located on the 316 Main Street property. Grela has generated approximately 10 gallons of displaced ground water during the decommissioning process.

1551: Grela has placed sand to within 40' below surface grade in the well located at the 312 Main Street property. Grela is preparing to add bentonite chips on top of the sand.

1658: Grela begins to add bentonite chips to the well located at the 312 Main Street property.

1713: Grela continues to add bentonite chips to the well located at the 312 Main Street property.

Daily Activities – Miscellaneous

- Knapp Engineering worked at the Long Hill Pump Station.

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Picture 1: Ludlow using a CAT 279D to run a Harley Rake across the portion of the lawn at the 261 Main Street property where they plan to perform lawn restoration activities in Durham. View to the northeast.

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Picture 2: Ludlow compacting fill where the backfilled the location of the well for the 305 Main Street residence that Grela decommissioned yesterday. View to the southeast.

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Picture 3: Grela placing sand into the well located on the southwest corner of the 307 Main Street, Durham property as part of well decommissioning activities. View to the northeast.

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Picture 4: Grela using a torch to cut the steel casing of the well located on the 307 Main Street, Durham property as part of well decommissioning activities. View to the northeast.

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Picture 5: Grela placing sand into the well located on the northwest corner of the 297 Main Street residence as they work to decommission the well. View to the southeast.

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Picture 6: Ludlow grading $\frac{3}{4}$ " gravel they placed on the south side of the 305 Main Street, Durham, residence as they work to restore the driveway. View to the northeast.

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Picture 7: View of the well located on the southwest corner of the 297 Main Street property that Grela is in the process of decommissioning. View to the northwest.

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Picture 8: Ludlow excavating around the stem of a damaged hydrant located at Station 174+91 that they are in the process of replacing. View to the southeast.

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Picture 9: Ludlow placing a new hydrant at Station 174+91. View to the southeast.

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Picture 10: Three cinder blocks that Ludlow placed as thrust blocks on the west side of the hydrant stem at Station 174+91. View to the south.

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Picture 11: Ludlow backfilling around the new hydrant they installed at Station 174+91. View to the south.

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Picture 12: Grela placing sand into the well located on the north side of the 312 Main Street residence as part of well decommissioning activities. View to the south.

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Picture 13: Grela placing bentonite chips into the well located on the north side of the 316 Main Street residence as part of well decommissioning activities. View to the west.

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