

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2022
Location:	Main Street, Durham; S. Main Street, Long Hill Road and the Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	428
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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	1	X	8	Laborers	2	X	8
United Concrete	0	x	8	Note that some persons operate			
Knapp Engineering	1	x	8	Multiple pieces equipment.			
Apuzzo Electric	2	x	8				
Harper Haines	0	x	8	Sub-contractor	7	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 is placing loam and seed on portions of several properties that were previously disturbed during the installation of copper water service lines. In addition, Ludlow removed erosion control blankets. Fazzino Plumbing continued plumbing work associated with the installation of a chlorination system in the Long Hill Pump Station on Long Hill Road in Middletown. A&R Electrical continued installing conduits inside of the PRV Vault located at Station 161+40 on Main Street in Durham. Grela Well Drilling decommissioned wells at 303, 305, 321, and 325 Main Street today. Knapp Engineering worked at the Booster Station and the Water Meter Building. Fazzino Plumbing worked on the chlorination system being installed at the Long Hill Pump Station.

Daily Activities – Lawn restoration, Durham

Ludlow is placing loam and seed on portions of several properties that were previously disturbed during the installation of copper water service lines. In addition, Ludlow removed erosion control blankets.

0756: Ludlow is placing loam and seed on a portion of the lawn of the 248 Main Street residence that was previously disturbed during the installation of a copper water service line.

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0818: Ludlow has just finished placing loam and seed on a portion of the lawn of the 248 Main Street residence that was previously disturbed during the installation of a copper water service line.

0857: Ludlow has mobilized to the 95R Maple Avenue property to remove the erosion control blankets that they placed last year after they installed a copper water service line.

1024: Ludlow continues to perform lawn restoration work at the 95R Maple Avenue, Durham, property.

1204: Ludlow is running a Harley Rake over a section of the lawn at the 95R Maple Avenue property.

1340: Ludlow has mobilized to the 119 Maple Avenue property where they are placing loam on bare spots of the lawn that were disturbed last year during the installation of a copper water service line.

Daily Activities – Well decommissioning activities, Durham

Grela decommissioned wells at 303, 305, 321, and 325 Main Street today.

0911: Ludlow is removing soil down to 2' below surface grade from around the well located to the southwest corner of the 307 Main Street residence.

0916: Grela has mobilized to the 325 Main Street property to decommission the well located on the northeast corner of the building.

0921: Ludlow has placed a 21,000-gallon frak tank at the 281 Main Street property to store any groundwater generated during well decommissioning activities.

0931: Grela begins to cut the stand pipe located at the northwest corner of the 325 Main Street building. The remaining stub is approximately 6" inches above surface grade. Grela will come back to cut and remove the casing 2' below surface grade once Ludlow removes soil from around the casing.

0938: Grela places 35 chlorine pellets (calcium hypochlorite mixture) into the well located at the 325 Main Street property to achieve 50 ppm chlorine in the well water.

0946: Grela begins placing sand into the well located at the 325 Main Street property as they continue well decommissioning activities.

1018: Ludlow hand-excavated soil down to 2' below surface grade around the well located at the 307 Main Street, Durham, property. Ludlow is currently hand-excavating to 2' below surface grade around the well that services the 305 Main Street residence.

1036: Grela has completed decommissioning activities on the well that services the 325 Main Street property. Sand was placed into the well up to 38' below surface grade, after which the well was filled to 3' below surface grade with bentonite chips. Grela cut the steel casing 6" above surface grade before decommissioning activities commenced: Grela will return to cut the casing 2' below surface grade and top off the well with bentonite chips once Ludlow has removed 2' of soil from around the well casing. No displaced groundwater was generated during the well decommissioning activities.

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1041: Grela has mobilized to the 321 Main Street property to decommission the well located on the south side of the residence.

1054: Grela begins to place sand into the well located on the north side of the 321 Main Street building as part of well decommissioning activities.

1125: Grela continues to add sand to the well located on the north south side of the 321 Main Street building.

1140: Ludlow has hand-excavated down 2' below surface grade around the well that services the 305 Main Street, Durham, residence. Ludlow is preparing to do the same for the well that services the 303 Main Street residence.

1227: Grela is placing bentonite chips into the wall located on the south side of the 321 Main Street building. Grela generated about 10 gallons of ground water that was displaced from the well while they were adding sand and chips to the well. Grela transferred that water from a collection tub set next to the well into a large poly container in the back of one of the utility trucks.

1252: Grela sets up on the wells that service the 303 and 305 Main Street residences.

1303: Grela begins to place sand in the wells that supply the 303 and 305 Main Street residences.

1331: Grela continues to place sand in the wells located at 303 and 305 Main Street as part of decommissioning activities.

1345: Grela continues to place sand in the wells located at 303 and 305 Main Street as part of decommissioning activities.

1422: Grela continues to place sand in the wells located at 303 and 305 Main Street as part of decommissioning activities.

1507: Grela has finished well decommissioning activities on the well that serves the 305 Main Street residence and is currently using a torch to cut the casing 2' below the surface grade. Grela continues to put sand into the well that services the 303 Main Street residence.

1517: Grela has added sand up to 40' below surface grade at the well that services the 303 Main Street residence and has filled the remainder of the casing with bentonite chips. The casing of the well is constructed of schedule 80 PVC; Grela is preparing to cut it 2' below surface grade.

Daily Activities – Miscellaneous

- Ludlow demobilized several pieces of equipment off of the Booster Station property.
- A&R Electrical mobilized to the PRV vault to continue the installation of conduit in the interior of the vault.
- Fazzino Plumbing worked on the chlorination system being installed at the Long Hill Pump Station.
- Knapp Engineering worked at the Booster Station and the Water Meter Building.

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Picture 1: Ludlow removing erosion control blankets from the 95R Maple Avenue property in Durham. View to the west.

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Picture 2: Ludlow grading loam that they just placed on the north side of the 95R Maple Avenue, Durham, property. View to the east.

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Picture 3: Ludlow using a Harley Rake to level an area of the lawn at the 95R Maple Avenue property as they work on restoring those areas that were disturbed during the installation of a copper water service line last year. View to the north.

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Picture 4: Ludlow placing loam and grass seed as they restore a portion of the lawn at the 119 Maple Avenue property that was disturbed last year during the installation of a copper water service line. View to the south.

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Picture 5: Grela placing sand into the well located on the northeast corner of the 325 Main Street building as they work to decommission the well. View to the northwest.

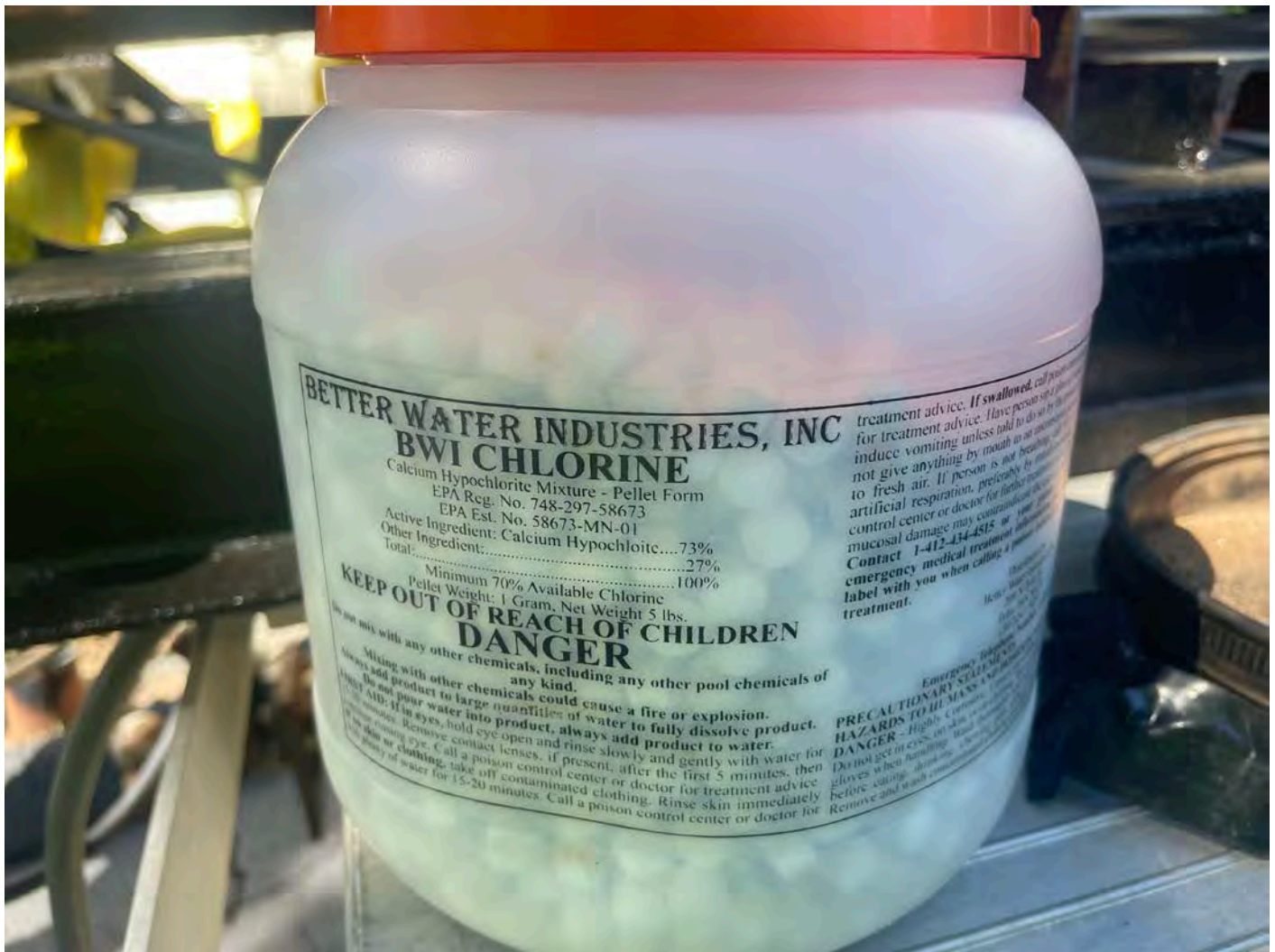
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Picture 6: Chlorine tablets that Grela is using to chlorinate the water in the wells they are decommissioning.

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Picture 7: Grela using a torch to cut the 6" steel riser for the well located at the 325 Main Street property. Grela will return to cut the casing 2' below surface grade once Ludlow has removed the top two feet of soil from around the casing. View to the southwest.

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Picture 8: Ludlow hand-excavating around the casing of the well that services the 305 Main Street, Durham, residence. Ludlow is removing soil to 2' below surface grade. View to the southwest.

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Picture 9: Ludlow placing sand into the well located on the south side of the 321 Main Street, Durham, building as part of well decommissioning activities. View to the southwest.

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Picture 10: Bentonite chips that Grela is using during well decommissioning activities.

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Picture 11: Ludlow placing bentonite chips into the well located on the south side of the 321 Main Street, Durham, building as part of well decommissioning activities. View to the east.

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Picture 12: The south side of the driveway for the 95R Maple Avenue, Durham, property where Ludlow placed loam and grass seed. View to the west.