

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	November 08, 2021
Location:	Maiden Lane, Pickett Lane, Main Street and Maple Avenue, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	359
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-9 mph.
 Temperature (°F): High 57°F Low 45°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	X	hrs
USACE				Ludlow Construction			
Field Engineer	2	x	8	Superintendent	1	X	8
				Safety Officer	1	X	8
				Foreman	1	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
				Skid Steer/ Bucket Loader	1	X	8
				Laborers	4	X	8
United Concrete	0	x	8	Note that some persons operate			
JMS	1	x	8	Multiple pieces equipment.			
Apuzzo Electric	3	x	8				
CT Traffic Control	0	x	8	Sub-contractor	4	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 with the installation of a 1.5" copper water service line at the 212R Maple Avenue, Durham, property. Ludlow and JMS chlorinated the new water lines that Ludlow previously installed on sections of Pickett Lane and Maiden Lane, Durham. Apuzzo Electric disconnected the existing pump control boxes, feed wires back to the main electrical panel, disconnected wires from the panel, and installed new copper bonding wires from the main electrical panel to the new water service at 119, 177R, 202, 208, 238, 239, 243, and 246, Main Street, Durham. Laydon replaced the asphalt driveway aprons for the properties located at 336 and 339 Main Street, Durham.

Daily Activities – Installation of water lines, Maple Avenue, Durham

Ludlow continued with the installation of a 1.5" copper water service line at the 212R Maple Avenue, Durham, property.

0720: Ludlow is mobilizing back to the 212R Maple Avenue property to continue the installation of a 1.5" copper water service line.

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0817: Ludlow is resuming work on installing 1.5" copper water service line at the 212R Maple Avenue residence, starting where they left off on last Friday. Ludlow is currently removing asphalt from the trench footprint they previously saw-cut on the 212R Maple Avenue driveway.

0920: Ludlow continues to excavate a trench on the driveway of the 212R Maple Avenue property, working east.

1000: Ludlow is hand-digging around an electrical utility that crosses the trench they are excavating in the driveway for the 212R Maple Avenue property for the installation of a 1.5" copper water service line. Further west on the trench, Ludlow is backfilling over the pipe they have already installed with sand, followed by caution tape, followed by native fill placed in 1' lifts and compacted with a jumping jack.

1201: Ludlow continues to install a 1.5" copper water service line at the 212R Maple Avenue property. Ludlow has encountered a limited amount of water in one section of the trench, which they are not pumping out of the trench. Ludlow continues to backfill sand and fill over the portions of the copper water line they have already installed, working eastwards. Ludlow has repaired a section of 4" PVC drain pipe that was broken during the excavation of the trench. Ludlow repaired the drain pipe with a section of solid 4" PVC and two Fernco boots. Ludlow used a pneumatic mole in one portion of the trench to feed the 1.5" copper water service line beneath an existing electrical subsurface utility.

1344: Ludlow continues to install a 1.5" copper water line at the 212R Maple Avenue property.

1432: Ludlow finished water line installation activities at 212R for the day. Ludlow is currently placing steel plates over the remainder of the trench they didn't backfill today.

Daily Activities – Installation of new bonding wire, Durham

Apuzzo Electric disconnected the existing pump control boxes, feed wires back to the main electrical panel, disconnected wires from the panel, and installed new copper bonding wires from the main electrical panel to the new water service at 119, 177R, 202, 208, 238, 239, 243, and 246, Main Street, Durham.

0745: Apuzzo Electric is installing new copper bonding wires from the main electrical panel to the new water service at the 177R Main Street, Durham, residence.

0924: Apuzzo Electric is installing new copper bonding wires from the main electrical panel to the new water service at the 202 Main Street, Durham, residence.

0949: Apuzzo just mobilized to the 246 Main Street residence to install new copper bonding wires from the main electrical panel to the new water service.

1137: Apuzzo Electric is installing new copper bonding wires from the main electrical panel to the new water service at the 239 Main Street property.

1156: Apuzzo Electric is installing new copper bonding wires from the main electrical panel to the new water service at the 236 Main Street property.

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1420: Apuzzo Electric completed the installation of new copper bonding wires from the main electrical panel to the new water service at the properties located at 119, 177R, 202, 208, 238, 239, 243, and 246, Main Street, Durham today.

Daily Activities – Chlorination of water lines, Pickett Lane and Maiden Lane, Durham

Ludlow and JMS chlorinated the new water lines that Ludlow previously installed on sections of Pickett Lane and Maiden Lane, Durham.

0736: Ludlow and JMS are staged on Pickett lane to dechlorinate waterlines between Station ~503+91 on Pickett Lane and the hydrant located on Brick Lane next to where it intersects with Maiden Lane. JMS will be injecting a 15% solution of sodium hypochlorite.

0833: JMS continues to inject sodium hypochlorite into the water line on Pickett Lane at Station ~503+91.

1117: JMS and Ludlow continue with chlorination activities on Pickett Lane and Maiden Lane. JMS continues to inject sodium hypochlorite solution into the water line on Pickett Lane at Station ~503+91. Ludlow has opened the hydrant at the intersection of Brick Lane and Maiden Lane to purge the line as it is being chlorinated upstream.

1131: Ludlow is staged at ~Station 525+28 on the east side of Pickett Lane where they are purging water from a corporation stop and testing the chlorine concentration with test strips, assessing the progress of chlorination in the water line.

1255: Ludlow is finishing up checking chlorine levels in the water coming from the hydrant located at the intersection of Pickett Lane and Maiden Lane. Ludlow is using test strips to assess the level of chlorine in the water. Ludlow will soon move to the next hydrant on Maiden Lane located west of this location to resume testing for the sodium hypochlorite that JMS is injecting into the line at Station ~503+91.

Daily Activities – Miscellaneous road work, Main Street, Durham

Laydon replaced the asphalt driveway aprons for the properties located at 336 and 339 Main Street, Durham.

1232: Laydon Industries is staged at the parking lot for Durham Health and Fitness at 339 Main Street, Durham, preparing to replace the apron on the property's driveway. Laydon has already replaced the apron for the driveway of Durham Auto Parts located at 336 Main Street, Durham.

1248: Laydon begins saw-cutting out the existing asphalt apron for driveway of Durham Health and Fitness.

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Picture 1: Sodium hypochlorite solution being introduced into the water line on Pickett Lane as JMS and Ludlow chlorinate the line.

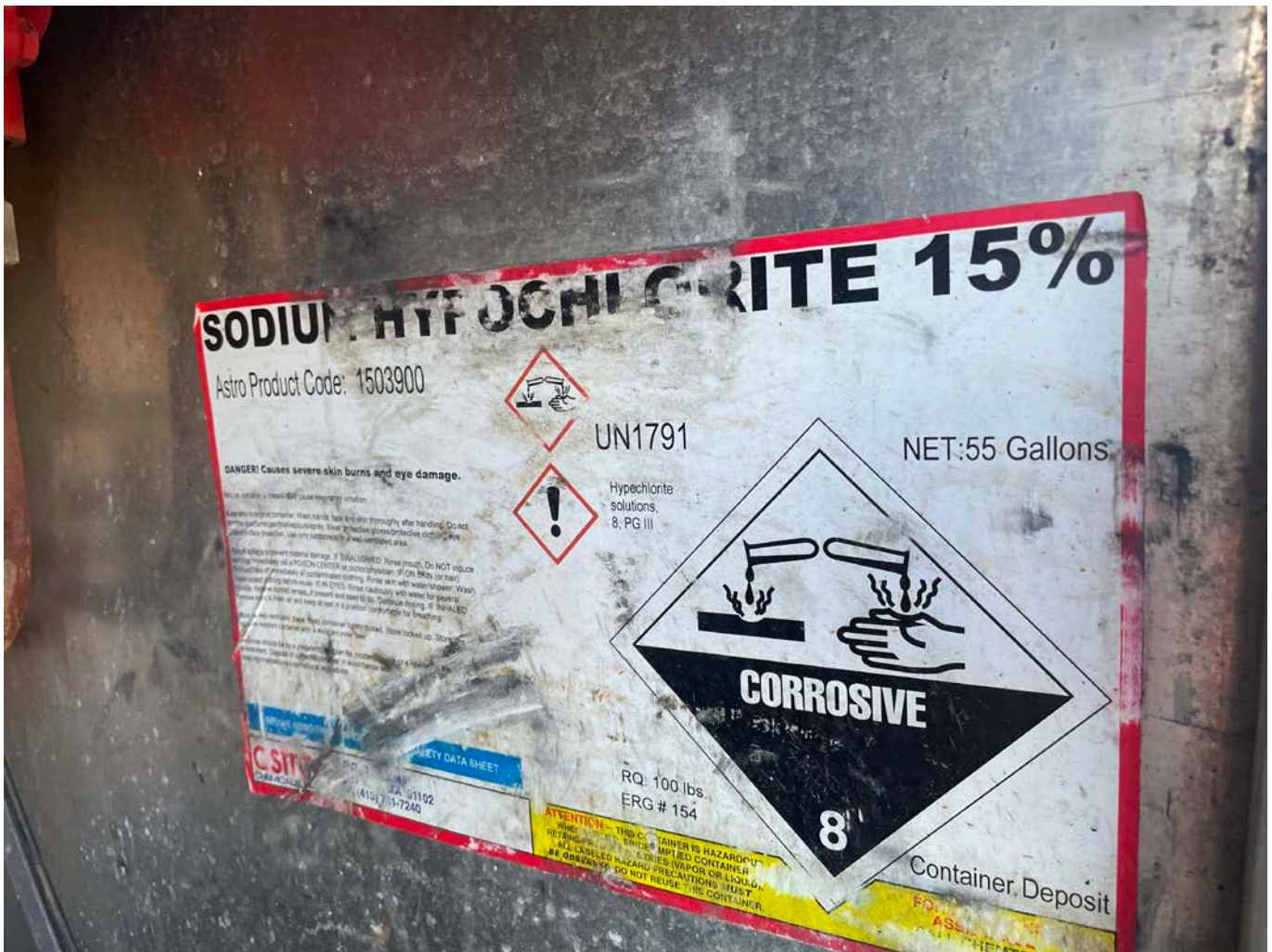
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Picture 2: Sodium hypochlorite solution that JMS introduced into the water line on Pickett Lane for chlorination purposes.

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Picture 3: Ludlow removing asphalt from the footprint of a trench they are excavating on the driveway 212R Maple Avenue property for the installation of 1.5” copper water service line. View to the east.

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Picture 4: Location at the 212R Maple Avenue property where Ludlow resumed the installation of a 1.5” copper water service line. View to the west.

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Picture 5: Ludlow installing 1.5" copper water service line at the 212R Maple Avenue property. View to the east.

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Picture 6: Ludlow excavating for the installation of a 1.5” copper water service line at the 212R Maple Avenue property. View to the west.

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Picture 7: Ludlow draining water from the water lines on Pickett Lane and Maiden Lane from the hydrant located on Brick Lane next to where it intersects Maiden Lane. The water is being discharged to a storm drain located on the northwest corner of the intersection of Brick Lane and Maiden Lane. View to the northeast.

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Picture 8: Ludlow hand-excavating around an electrical utility as they excavate a trench on the 212R Maple Avenue driveway for the installation of a 1.5" copper water service line. View to the northwest.

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Picture 9: Ludlow placing sand over 1.5" copper water service line that they have installed at the 212R Maple Avenue property. View to the west.

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Picture 10: Ludlow testing the concentration of chlorine in the Pickett Lane waterline at Station ~525+28 as JMS is introducing sodium hypochlorite from an upstream point on the water line.

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Picture 11: Water observed in the trench that Ludlow excavated at the 212R Maple Avenue property for the installation of a 1.5" copper water service line. View to the west.

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Picture 12: Steel plates that Ludlow placed over the trench at the end of the day at the 212R Maple Avenue property. View to the west.

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