

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 15, 2022
Location:	Durham	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	405
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Weather Conditions			
Conditions:	Daylight hours: Sunny. Wind variable 0-12 mph.		
Temperature (°F):	High 79°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	1	X	8
				Excavator Operator	1	X	8
Knapp Engineering	0	X	8	Skid Steer/ Bucket Loader	1	X	8
Fazzino Plumbing	1	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	1	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). Fazzino Plumbing exchanged the water filters on the final water service systems they recently installed at the properties located at 10 John's Way; 29 Maiden Lane; 22 and 47 Wallingford Road; 29, 109, and 119 Maple Avenue; and 233, 246, 293, 308 Main Street, Durham. In addition, Fazzino performed a 4-month inspection of the final water service system components at the same addresses.

Daily Activities – Installation of water lines, Durham

Ludlow continued water line installation activities at 201-203 Main Street, Durham (the Durham Manufacturing facility).

0703: Ludlow has mobilized back to the Durham Manufacturing property at 201-203 Main Street, Durham, to continue the installation of a 4" DIP water service line.

0716: Ludlow is saw cutting pavement in the parking lot of the Durham Manufacturing facility for the installation of 4" DIP.

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0727: Ludlow is using an excavator to skim the asphalt from footprint of the trench as they continue to install a 4" DIP water service line at the Durham Manufacturing facility.

0835: Ludlow continues to excavate a trench across the Durham Manufacturing facility parking lot for the installation of 4" DIP waterline.

0902: Ludlow has added a 4' section of 4" DIP to the west end of the 26' of 4" DIP they installed yesterday on the west side of the Durham Manufacturing facility. Ludlow has added a 4" DIP 45° bend to the 4' section they just installed and is preparing to add a 15' section of 4" DIP to the 45° bend.

0913: Ludlow is beginning to place 6" of sand below the 4" DIP that they just installed on the west side of the Durham Manufacturing facility.

0951: Ludlow is backfilling and compacting sand over the 4" DIP they just installed. Ludlow continues to excavate in a northwest direction for the installation of additional sections of 4" DIP.

1051: Ludlow continues to excavate to the northwest and install 4" DIP water service line to the west of the Durham Manufacturing facility.

1117: Ludlow has almost completed excavating a trench across the parking lot of the Durham Manufacturing property as they continue to install a 4" DIP water service line. During the excavation of the trench, a 4" white PVC conduit located approximately 2' below surface grade was damaged. Ludlow has a section of PVC and Fernco boots lined up to make the repair. Ludlow continues to install and backfill over 4" DIP, working in a northwest direction. Ludlow is currently lining a portion of the open excavation with black geofabric.

1207: Ludlow is continuing to excavate as they work to connect the water meter vault to the 4" DIP water service line coming from the Durham Manufacturing facility. Ludlow has excavated up to ~10' east of the meter vault.

1223: Ludlow just finished installing another 20' section of 4" DIP as they continue to work towards the water meter vault.

1307: Ludlow is currently excavating on the east side of the water meter vault at the Durham Manufacturing property.

1331: Ludlow is connecting 4" DIP and 4" DIP fittings to the east side of the water meter vault at the Durham Manufacturing property.

1409: Ludlow has installed another 20' section of 4" DIP on the east side of the water meter vault. They are currently working to connect the 4" DIP coming off of the east side of the meter vault to the 4" DIP they previously installed coming off of the west side of the Durham Manufacturing facility. There is approximately 2' of elevation difference to reconcile where the piping meets: Ludlow is addressing this with the use of a 2.5' section of 4" DIP and two 45° bends.

1431: Ludlow has finished connecting the 4" DIP coming off of the east side of the water meter vault to the 4" DIP they installed on the west side of the Durham Manufacturing facility. They are in the process of securing the site and preparing to depart for the day.

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Daily Activities – Change of water filters and 4-month inspection, Durham

Fazzino Plumbing exchanged the water filters on the final water service systems they recently installed at the properties located at 10 John's Way; 29 Maiden Lane; 22 and 47 Wallingford Road; 29, 109, and 119 Maple Avenue; and 233, 246, 293, 308 Main Street, Durham. In addition, Fazzino performed a 4-month inspection of the final water service system components at the same addresses.

0810: Fazzino Plumbing is changing out the water filter on the recently installed final water system components at the 10 John's Way, Durham, residence. Fazzino also performed a 4-month inspection of the water system components they recently installed at the residence.

0822: Fazzino Plumbing has just finished changing out the water filter on the recently installed final water system components at the 22 Wallingford Road, Durham, residence.

0831: Fazzino Plumbing has just arrived the at 47 Wallingford Road, Durham, residence to change out the water filter and perform a 4-month inspection on the recently installed final water system components.

0840: Fazzino Plumbing has arrived at the 47 Wallingford Road, Durham, residence to change out the water filter on the water system components they recently installed and perform a four-month inspection of the system.

0857: Fazzino Plumbing is addressing a leak on the water system components they recently installed at the 47 Wallingford Road residence.

0916: Fazzino Plumbing has just finished replacing the water filter at the 29 Maple Avenue, Durham, residence and performing a 4-month inspection of the water system components they recently installed.

0927: Fazzino Plumbing has arrived at the 119 Maple Avenue, Durham, residence to change out the water filter on the water system components they recently installed and perform a four-month inspection of the system.

0946: Fazzino Plumbing has just finished changing out the water filter on the water system components they recently installed and perform a four-month inspection of the system at the 109 Maple Avenue, Durham, residence.

1006: Fazzino Plumbing arrives at the 29 Maiden Lane residence but is unable to make contact with the residents. Fazzino Plumbing mobilizes to the 308 Main Street, Durham, residence.

1014: Fazzino Plumbing is at the 308 Main Street residence changing out the water filter on the recently installed water system components and performing a four-month inspection of the system.

1038: Fazzino Plumbing just finished changing out the water filter on the recently installed water system components and performing a four-month inspection of the system at the 293 Main Street, Durham, residence.

1042: Fazzino Plumbing is changing out the water filter on the recently installed water system components and performing a four-month inspection of the system at the 246 Main Street, Durham, residence.

1055: Fazzino Plumbing is changing out the water filter on the recently installed water system components and performing a four-month inspection of the system at the 233 Main Street, Durham, residence.

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1132: Fazzino Plumbing has just finished changing out the water filter and performing a 4-month inspection of the water system components at the 29 Maiden Lane, Durham, residence.

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Picture 1: Fazzino changing out the water filter on the water system they recently installed at the 10 John's Way, Durham, residence.

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Picture 2: Fazzino changing out the water filter on the water system they recently installed at the 22 Wallingford Road, Durham, residence.

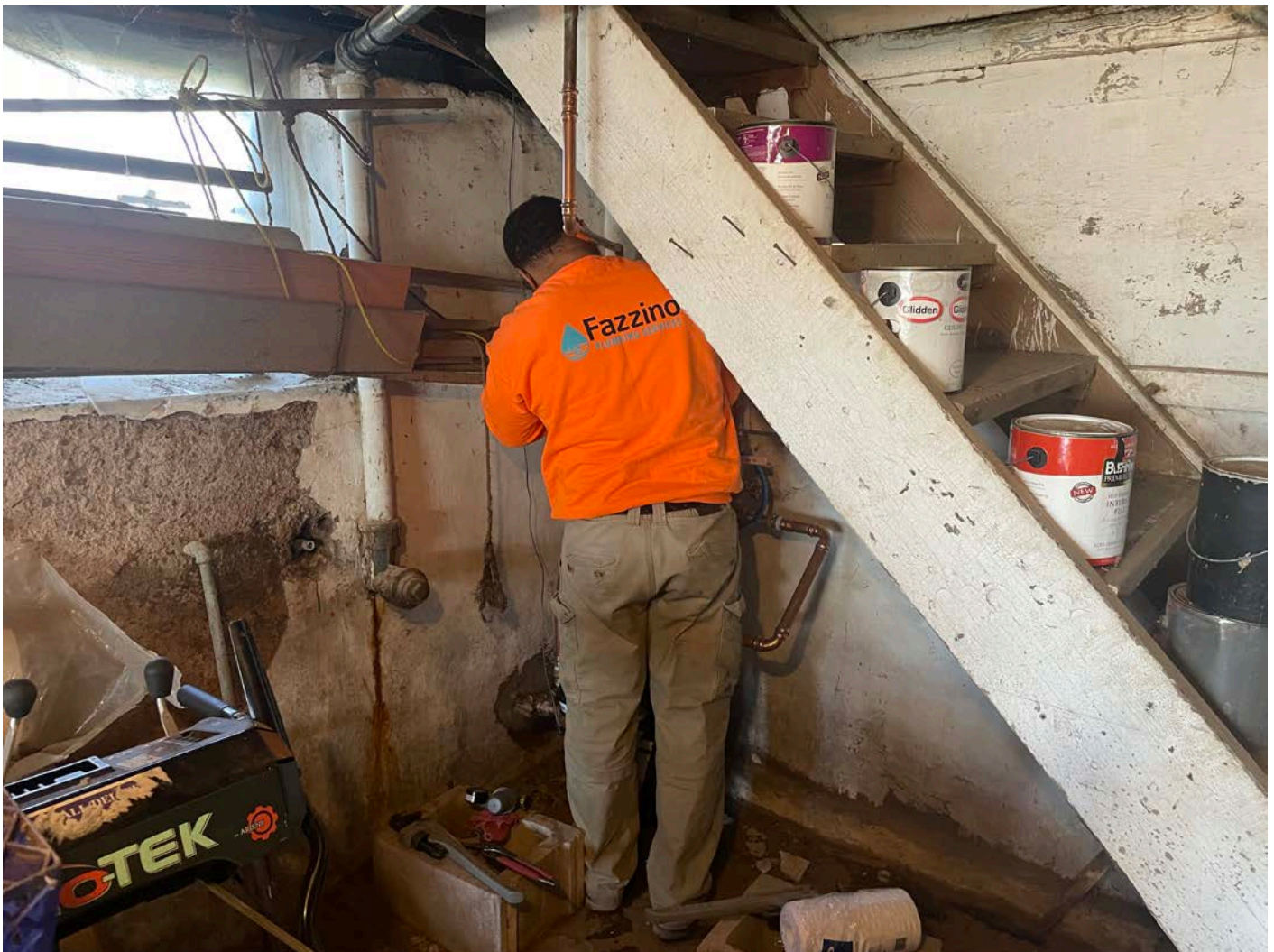
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Picture 3: Fazzino changing out the water filter on the water system they recently installed at the 47 Wallingford Road, Durham, residence.

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Picture 4: Fazzino changing out the water filter on the water system they recently installed at the 109 Maple Avenue, Durham, residence.

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Picture 5: Fazzino changing out the water filter on the water system they recently installed at the 308 Main Street, Durham, residence.

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Picture 6: Fazzino changing out the water filter on the water system they recently installed at the 293 Main Street, Durham, residence.

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Picture 7: Fazzino changing out the water filter on the water system they recently installed at the 246 Main Street, Durham, residence.

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Picture 8: Fazzino changing out the water filter on the water system they recently installed at the 233 Main Street, Durham, residence.

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Picture 9: Fazzino changing out the water filter on the water system they recently installed at the 29 Maiden Lane, Durham, residence.

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Picture 10: 4" DIP that Ludlow installed on the west side of the Durham Manufacturing facility (the facility's foundation appears on the right side of the photograph). View to the north.

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Picture 11 Overview of the trench that Ludlow excavated across the parking lot of the Durham Manufacturing property for the installation of a 4" DIP water service line. View to the northwest.

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Picture 12: Ludlow excavating a trench on the northwest side of the parking lot of the Durham Manufacturing property for the installation of a 4" DIP water service line. The 4" white PVC drain line they damaged is visible in front of the excavator bucket. View to the northwest.

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Picture 13: Ludlow using a jumping jack to compact fill that Ludlow is backfilling into the trench in 1'-lifts at the Durham Manufacturing facility. View to the east.

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Picture 14: 4" DIP and DIP fittings that Ludlow installed on the east side of the water meter vault they installed at the Durham Manufacturing facility. View to the west.

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Picture 15: Overview of the 4" DIP water service line that Ludlow installed on the east side of the water meter vault at the Durham Manufacturing property. View to the east.

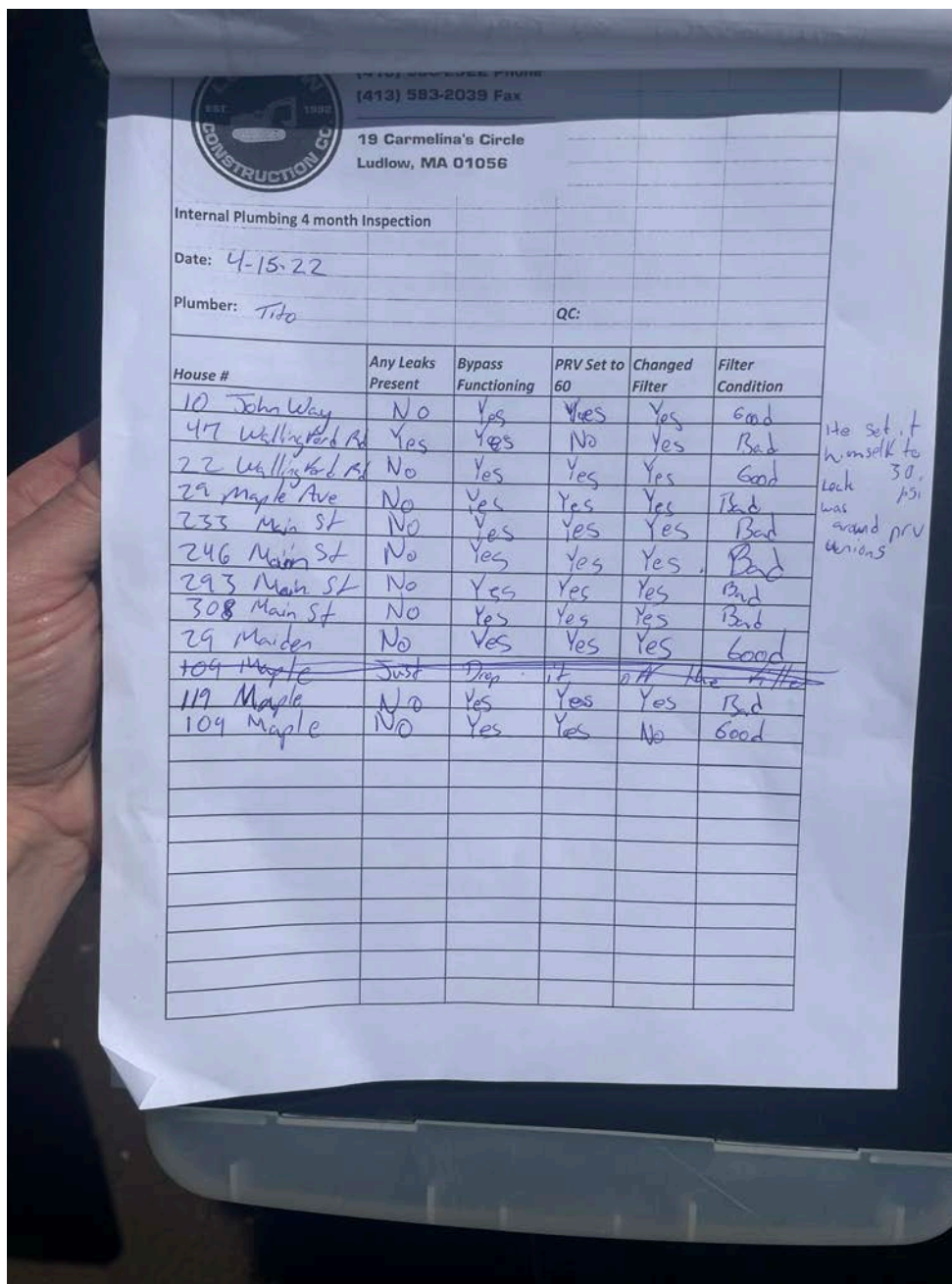
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Picture 16: 4-month water system inspection worksheet that Fazzino filled out today while changing out water filters.

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