

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	June 3, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Drive, Middletown;	<b>Day of Week:</b>	Wednesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	90
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 8

### Weather Conditions

**Conditions:** Daylight hours. Sunny. Winds variable 0-12 mph.  
**Temperature (°F):** High 80°F Low 60°F

Contractors & Subcontractors Workforce					Equipment in Use							
Trade	#	x	hrs		Trade	#	x	hrs	Type	#	x	hrs
USACE					Ludlow Construction				Concrete/Asphalt Road Saw	1	x	8
Field Engineer	2	x	8		Superintendent	0	x	8	Dump truck	5	x	8
					Safety Officer	1	x	8	Excavator – Large	3	x	8
					Foreman	2	x	8	Excavator - Mid-Size	1	x	8
					Dump truck Operator	4	x	8	Excavator - Rubber Wheeled – Rock	0	x	8
					Excavator Operator	4	x	8	Skid Steer / Bucket Loader	1	x	8
					Skid Steer/Bucket Loader	1	x	8	Rolling Compactor	1	x	8
					Laborers	6	x	8	Plate Compactor	1	x	8
					<i>Note that some persons</i>				Jumping Jack Compactor	1	x	8
					<i>Multiple pieces equipment.</i>				Street Sweeper (Broce Broom)	1	x	8
									Material Hopper	1	x	8
					Sub-contractor	2	x	8	Pipe saw	1	x	8
					Municipal Police Detail	3	x	8	Light Tower	0	x	8
					State Police Detail	2	x	8				

**Visitors:** John Ewanowski, Middletown Water and Sewer Department

### Pipe Connections and Installations

Ludlow placed one hydrant today on Route 147 near the Valero gas station.

Ludlow installed two curb stops today at Stations 124+05 and 128+50.

### Compaction Testing

No compaction testing was performed today. Compaction test data for the project can be found here:

<https://www.nae.usace.army.mil/Portals/74/docs/Topics/DurhamMeadowsWaterline/CompactionTests/>

In addition, soil compaction data is presented in the Contractor Daily Quality Control Reports located here:

<https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/>

**Res. Representative:** J. Meunier

**Date:** 6/03/20

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### Daily Activities – Saw Cutting, Durham

Ludlow performed saw cutting of asphalt at several locations today.

0715: Ludlow is saw cutting pavement on the southbound lane of Main Street, near the Durham Market.

0920: Ludlow has just performed about 50 feet of saw cutting of pavement on Maiden Lane next to where it intersects with Main Street. The extent of the saw cutting extends over to the southbound lane of Main Street. Ludlow is currently saw cutting pavement at Station 194+50.

1122 Ludlow is saw cutting pavement on the northbound lane of Main Street in Durham at Station 200+00.

1135: Ludlow is saw cutting pavement on the northbound lane of Main Street in Durham at Station 198+10.

1315: Ludlow is back on Maiden Lane saw cutting pavement.

### Daily Activities – Installation of Curb Stops, South Main Street, Middletown

Ludlow installed two curb stops today at Stations 124+05 and 128+50.

0731: Ludlow is excavating on the southbound lane of South Main Street in Middletown at Station 124+05 to install a curb stop. Traffic management is being provided by one Ludlow flagger and one Middletown police officer.

0810: Ludlow has installed a corporation stop at Station 124+05.

0905: Ludlow is excavating on the northbound lane of Main Street in Middletown at Station 128+50, preparing to install a curb stop. Two Middletown police officers are currently providing traffic management.

1008: Ludlow has placed a curb stop on east side of South Main Street at Station 128+50. Ludlow is now connecting the 1" copper service line to a corporation stop located on the main water line running down the southbound lane of South Main Street.

1145: Ludlow is finishing up with the installation of the curb stop at Station 128+50.

1305: Ludlow is placing hot patch on areas they trenched today on South Main Street while installing curb stops.

### Daily Activities – Installation of Hydrants

Ludlow placed one hydrant today at Station 300+70.

0724: Ludlow is excavating at the intersection of Main Street and Route 147, moving west onto Route 147. Two State Troopers are providing traffic management. Two lanes of traffic are open on Main Street.

0915: Some water is present in the excavation on Route 147. The water is being pumped and discharged to a catch basin located on the northwest corner of the Route 147/Main Street intersection. Ludlow is using strapping and an I-beam to support utilities covered with concrete that are located about 4 feet below surface grade. Ludlow indicated that the utilities are Verizon lines.

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0950: Ludlow has installed 20" of 8" DIP from the intersection of Main Street and Route 147, moving west on Route 147. Ludlow placed an 11<sup>1/4</sup>° bend at the end of the placed DIP.

1115: Ludlow installs another 20' section of 8" DIP after the 11<sup>1/4</sup>° bend placed at ~Station 164+20 (Route 147). JTC is present to collect soil compaction data.

1157: Ludlow is placing an 8"x8"x6" Tee and valve assembly. 6" DIP will be connected to the north side of the valve assembly and in turn will connect to the hydrant they will install.

1230: Ludlow has installed the hydrant on Route 147 near the Valero gas station. Ludlow is currently placing and compacting backfill.

### Payment Items:

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Picture 1: Dechlorination in progress at ~Station 11+00 on the Shared Access Driveway. Water is pushed up to the hydrant, where it is discharged to the catch basin down slope where it will be dechlorinated with calcium thiosulfate. View to the west, Middletown, CT.



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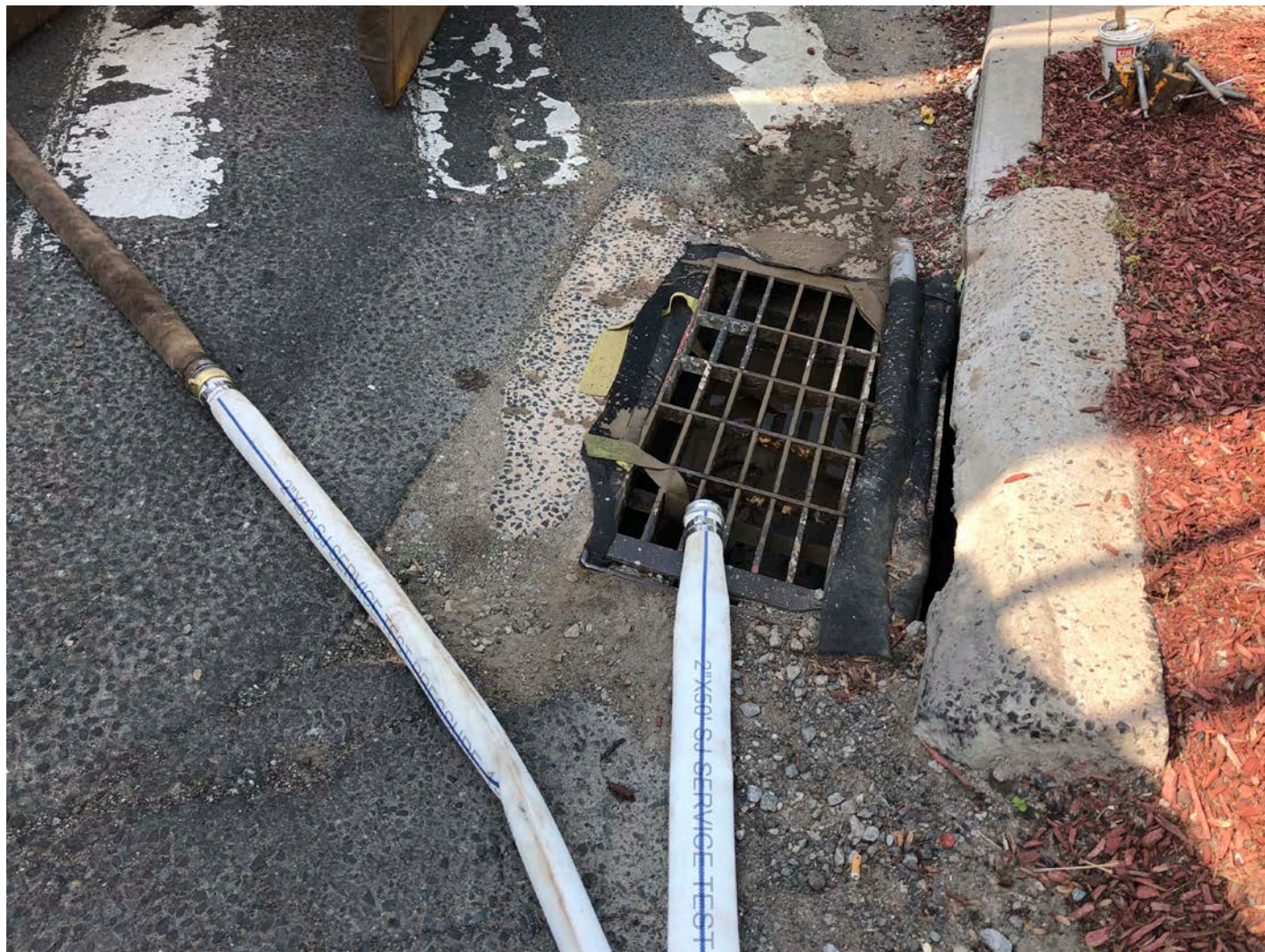
Picture 2: Calcium thiosulfate being added to chlorinated water that is being discharged from the temporary fire hydrant located upslope from the catch basin. Just south of Station 11+00, Shared Access Road, Middletown, CT.

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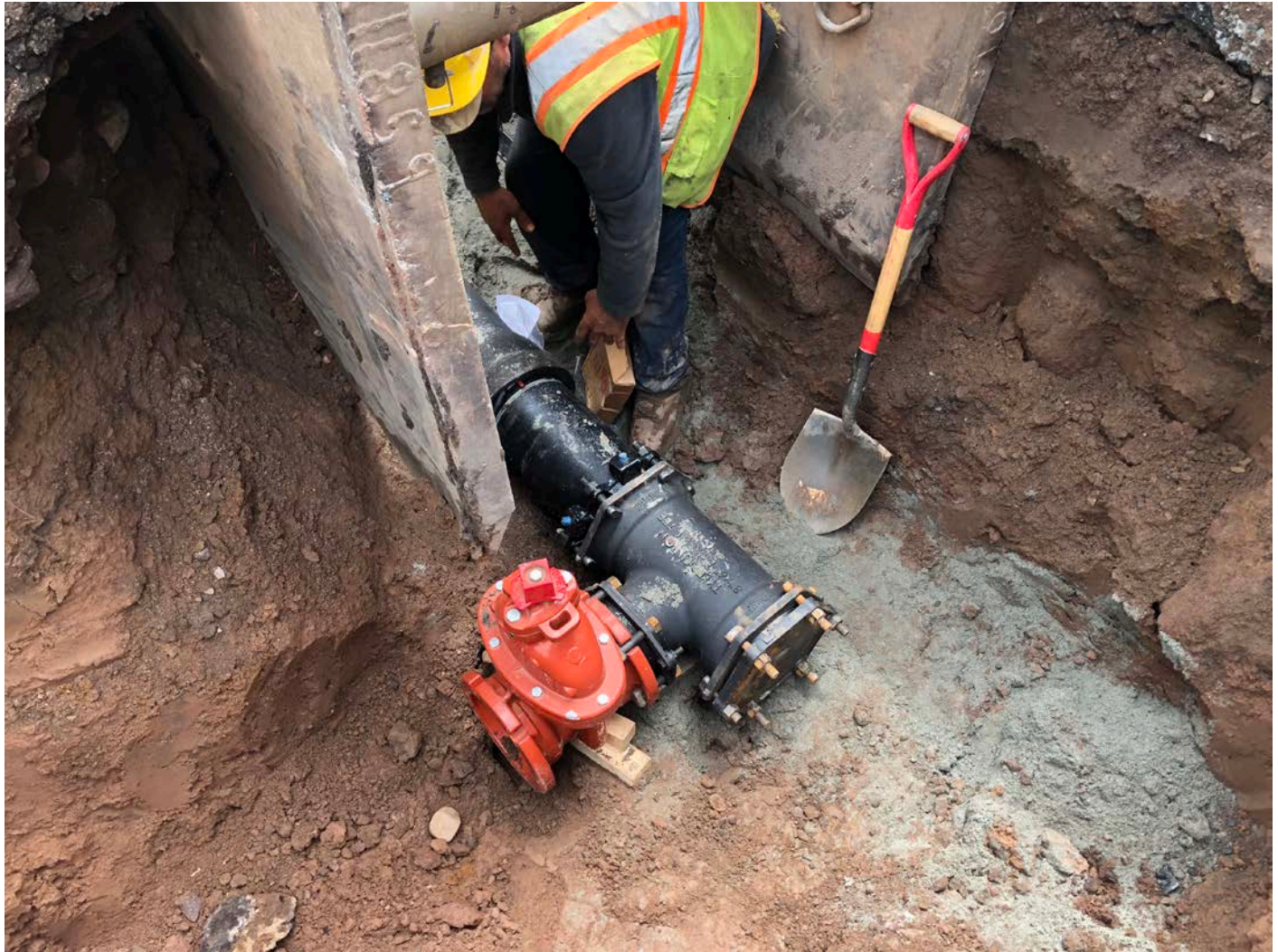


Picture 3: Hose set up to pump water from excavation at intersection of Main Street and Route 147 into catch basin fitted with silt sock. View to the south, Durham, CT.



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**Picture 4: 8"x8"x6" Tee and valve assembly that 6" DIP will be connected to for the installation of a hydrant near the Valero gas station. Route 147, Durham, CT.**



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Picture 5: Ludlow compacting fill at Station 128+50 after installing a curb stop on the west side of Main Street, Middletown. View to the east.