

## Daily Report

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|--------------------|--------------------------------------|---------------------|---------------|
| <b>Project:</b>    | Durham Meadows Pipeline Installation | <b>Date:</b>        | July 13, 2020 |
| <b>Location:</b>   | Pickett Lane and Main Street, Durham | <b>Day of Week:</b> | Monday        |
| <b>Project #:</b>  | AECOM: 6061487                       | <b>Report No:</b>   | 118           |
| <b>Contractor:</b> | Ludlow Construction                  | <b>Page:</b>        | 1 of 9        |

### Weather Conditions

**Conditions:** Daylight hours. Partly sunny. Winds variable 0-9 mph.  
**Temperature (°F):** High 86°F Low 65°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                    | 1 | x | 8   |
|  |   |   |     | Foreman                           | 2 | x | 8   |
|  |   |   |     | Dump truck Operator               | 4 | x | 8   |
|  |   |   |     | Excavator Operator                | 4 | x | 8   |
|  |   |   |     | Skid Steer/Bucket Loader          | 1 | x | 8   |
|  |   |   |     | Laborers                          | 6 | X | 8   |
|  |   |   |     | <i>Note that some persons</i>     |   |   |     |
|  |   |   |     | <i>Multiple pieces equipment.</i> |   |   |     |
|  |   |   |     |                                   |   |   |     |
|  |   |   |     | Sub-contractor                    | 3 | X | 8   |
|  |   |   |     | Municipal Police Detail           | 0 | X | 8   |
|  |   |   |     | State Police Detail               | 0 | X | 8   |
|  |   |   |     |                                   |   |   |     |

**Visitors:** None.

### Pipe Connections, Installations, and Other Work

Ludlow continued work on the stream crossing on Pickett Lane at Station ~511+00.

Ludlow installed curb stops today on the east side of Main Street at Stations 160+95, 162+09, 163+01.

Ludlow chlorinated the Main Street water line from Marina Place to Old Cemetery Road.

### Compaction Testing

Soil compaction testing was not 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:

**Res. Representative:**

J. Meunier

**Date:** 7/13/20

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

### **Daily Activities – Stream Crossing, Pickett Lane, Durham**

Ludlow continued work on the stream crossing on Pickett Lane at Station ~511+00.

0710: Ludlow is mobilizing at the stream crossing at Station ~511+00.

0740 Ludlow is excavating on east side of Allyn Brook to connect the 12" DIP coming off the stream crossing to the pipe that was previously is installed on Pickett Lane.

0746: Ludlow is installing a 15' section of 12" DIP east of Allyn Brook, moving towards Pickett Lane.

0818: Ludlow is working to the east of Allyn Brook looking to daylight utilities near the edge of Pickett Lane.

0831: Ludlow is excavating to the east towards Pickett Lane as they continue to place 12" DIP. They are about to install a 20' section of 12" DIP.

0904: Ludlow is daylighting the 12" gate valve at Station 512+02.

0913: Ludlow is installing a 20' section of 12" DIP east of Allyn Brook at Station ~511+50 on Pickett Lane.

0955: Ludlow has just installed a 6'10" piece of 12" DIP coming off the gate valve at Station 512+02. Ludlow also installed a 45° bend to the 6'10" piece of 12" DIP.

1137: Ludlow has connected opposing ends of pipe just west of Station 512+02 with a 10' 2" section of 12" DIP that was cut in half to place in trench. The two pieces of DIP were then connected with a 12" sleeve and megalug connections.

1235: Ludlow is cleaning up the stream crossing work area at Station ~511+00 on Pickett Lane.

### **Daily Activities – Installation of Curb Stops, Durham**

Ludlow installed curb stops today on the east side of Main Street at Stations 160+95, 162+09, 163+01.

0714: Ludlow is setting up Station 160+95 on the northbound lane of Main St., Durham. One Ludlow laborer and one private flagger are providing traffic management.

0805: Ludlow is excavating on the northbound side of Main Street, installing a curb stop at 395 Main Street. The curb stop will be located 16' from edge of pavement. A moderately strong odor of naphthalene is coming from the excavated soils. An Eversource representative is present watching the excavation.

0848: Ludlow is beginning to excavate at Station 162+09 on the northbound lane of Main Street to install a curb stop at 391 Main Street. The curb stop will be located 14.5 feet from the edge of pavement.

0945: Ludlow continues to install a curb stop at 391 Main Street, Durham.

1054: Ludlow is excavating at Station 163+01 to install a curb stop at 385 Main Street. The curb stop will be installed 14 feet from

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edge of pavement. Ludlow is backfilling at Station 162+09.

1201: Ludlow is preparing to tap the main waterline at Station 163+01 to add a corporation stop. Ludlow will be installing a curb stop at this location for 385 Main Street. Several spots in the trench have water up to 6" deep. Ludlow is not pumping the water from trench.

1347: Ludlow has finished backfilling all three trenches for the curb stops on Main Street. Ludlow is waiting for hot patch to arrive to close up the trenches.

### Daily Activities – Chlorination of Water Line, Durham

Ludlow chlorinated the Main Street water line from Marina Place to Old Cemetery Road.

0852: Ludlow is working with Superior Special Services to chlorinate the Main Street water line from Marina Place to Old Cemetery Road. They are bleeding the hydrant at the intersection of Talcott Lane and Main to create flow for the mixing of the sodium hypochlorite into the water.

0941: Ludlow is opening a hydrant at Station 183+60 as part of water line chlorination activities. A 12.5% solution of sodium hypochlorite is being used to chlorinate the water line further north from here at the intersection of Main Street and Marina Place.

1030: The City of Middletown has one of their personnel stationed at the fire hydrant located next to the Talcott Ridge Drive cul-de-sac. They are monitoring water pressure on the waterline to make sure minimum water pressure is maintained.

1225: Ludlow continues with water line chlorination activities on Main Street.

1350: Ludlow continues with water line chlorination activities on Main Street.

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**Picture 1: Ludlow installing 12" DIP to the east of Allyn Brook. They are placing the next 20' section in the direction of Pickett Lane, which can be seen in the background. View is to the southeast, looking towards Station 512+00.**

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**Picture 2: Ludlow venting the hydrant at the intersection of Talcott Lane and Main Street, Durham, as part of water line chlorination activities. View to the northwest.**

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**Picture 3: Subsurface utilities daylighted by Ludlow as they excavated near Station 512+00 while installing 12" DIP. Pickett Lane, Durham.**

|                             |                   |              |                |
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Picture 4: The intersection of Marina Place and Main Street where a 12.5% solution of sodium hypochlorite is introduced into the Main Street water line as part of chlorination activities. View to the south.



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**Picture 5: Water observed in trench as Ludlow installed a corporation stop and a curb stop at Station 163+01. Main Street, Durham. View to the east.**

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Picture 6: Ludlow tapping the main water line to install a corporation stop at Station 163+01.

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