

## Daily Report

|                    |   |                     |                |
|--------------------|---|---------------------|----------------|
| <b>Project:</b>    | Durham Meadows Pipeline Installation  | <b>Date:</b>        | April 28, 2022 |
| <b>Location:</b>   | Maple Avenue, Durham; Long Hill Road and the Shared Access Driveway, Middletown | <b>Day of Week:</b> | Thursday       |
| <b>Project #:</b>  | AECOM: 6061487  | <b>Report No:</b>   | 414            |
| <b>Contractor:</b> | Ludlow Construction   | <b>Page:</b>        | 1 of 8         |

### Weather Conditions

Conditions: Daylight hours: Sunny. Wind variable 0-20 mph.  
 Temperature (°F): High 55°F Low 37°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   |
|  |   |   |     | Excavator Operator             | 1 | X | 8   |
| Grela Well Drilling                    | 1 | 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 |   |   |     |
| Barnhart                               | 0 | x | 8   | Multiple pieces equipment.     |   |   |     |
| Apuzzo Electric                        | 0 | x | 8   |                                |   |   |     |
| Knapp Engineering                      | 2 | 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 to fill the water tank located east of the Shared Access Driveway in Middletown. Ludlow continued to place 3/8" stone along the fence perimeter surrounding the water tank and began work on installing a railing at the top of the retaining wall on the south side of the Shared Access Driveway. Ludlow resumed work on installing a chlorination system at the Long Hill pump station. Knapp Engineering worked on the communication system at the booster station located on S. Main Street in Middletown. Grela Well Drilling repaired a leaking well line at the 212R Maple Avenue residence.

### Daily Activities – Water tank work zone, Shared Access Driveway, Middletown

Ludlow continued to fill the water tank located east of the Shared Access Driveway in Middletown. Ludlow continued to place 3/8" stone along the fence perimeter surrounding the water tank and began work on installing a railing at the top of the retaining wall on the south side of the Shared Access Driveway.

1051: Ludlow continues to fill the water tank located east of the Shared Access Road in Middletown. No signs of leakage from the tank have been observed.

|                             |            |              |         |
|-----------------------------|------------|--------------|---------|
| <b>Res. Representative:</b> | J. Meunier | <b>Date:</b> | 4/28/22 |
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# AECOM

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1220: Ludlow's crew mobilizes to the water tank work zone located east of the Shared access Driveway in Middletown to install a railing and place additional 3/8" stone along the fence perimeter.

1305: Ludlow is establishing grade and locating the holes for the railing posts they will install at the top of the retaining wall located between Stations 10+85 and 11+35. Ludlow also continues to place 3/8" stone along the perimeter of the chain link fence that surrounds the water tank work zone.

1334: Ludlow continues preliminary work related to the installation of a railing at the top of the retaining wall and placing 3/8" stone along the perimeter of the chain link fence surrounding the water tank work zone.

### Daily Activities – Long Hill pump station, Long Hill Road, Middletown

Ludlow resumed work on installing a chlorination system at the Long Hill pump station.

0710: Ludlow has mobilized back to the Long Hill pump station to continue working on the installation of the chlorination system.

0811: Ludlow is working on the south interior wall of the Long Hill pump station installing components of the chlorination system.

0911: Ludlow has installed a chlorine analyzer (Wallace & Tiernan 400M) and analyzer (Depolox 5 C) installed on the south wall of the Long Hill pump station.

1028: Ludlow has installed two meter pumps and pump VFDs on the south wall of the Long Hill pump station.

1110: Ludlow continues working on installing components of the chlorination system at the Long Hill pump station.

1427: Ludlow and Fazzino Plumbing are at the Long Hill pump station discussing the layout of plumbing associated with the installation of a chlorination system.

### Daily Activities – Miscellaneous

Grela informed AECOM of a leak the 212R Maple Avenue, Durham, residence. A small amount of water was observed on the basement floor of the residence. The leak appeared to come from the well line that enters the basement floor from the outside that was previously cut and capped by Fazzino. The blue plastic cap used to plug the well line was observed to have a piece missing from it that created a hole. The cap appears to have had something dropped on it after installation. Grela replaced the plug and the leak appeared to stop.

Knapp Engineering worked on the communication system at the booster station located on S. Main Street in Middletown.

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Picture 1: Ludlow continuing work on the installation of a chlorination system at the Long Hill pump station located on Long Hill Road in Middletown. View to the south.

Res. Representative:

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Picture 2: Chlorine monitor (Wallace & Tiernan 400M) and analyzer (Depolox 5 C) that Ludlow installed on the south wall of the Long Hill pump station. View to the southwest.

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**Picture 3: Two metering pumps (on the left) and pump VFDs (on the right) that Ludlow installed on the south wall of the Long Hill pump station. View to the south.**

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**Picture 4: Knapp Engineering working on the communication system at the booster station located on S. Main Street in Middletown. View to the northwest.**

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Picture 5: Water heater and filter that Ludlow installed on the east wall of the Long Hill pump station. View to the southeast.

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Picture 6: Damaged cap located on top of the black plastic well line on the basement floor of the 212R Maple Avenue residence. View to the southwest.