#### **Daily Report**

Project:Durham Meadows Pipeline InstallationDate:April 22, 2021Location:Shared Access Driveway, MiddletownDay of Week:ThursdayProject #:AECOM: 6061487Report No:227Page:1 of 10

**Contractor:** Ludlow Construction

Weather Conditions

Conditions: Daylight hours: Cloudy. Winds variable 0-17 mph.

Temperature (°F): High 46°F Low 34F

| Co                 | ntractors & Sub | contractors Workforce      |   |   |     | Equipment in Use                  |   |   |     |
|--------------------|-----------------|----------------------------|---|---|-----|-----------------------------------|---|---|-----|
| Trade              | # x hrs         | Trade                      | # | Х | hrs | Туре                              | # | х | Hrs |
| USACE              |                 | Ludlow Construction        |   |   |     | Concrete/Asphalt Road Saw         | 0 | × | 8   |
| Field Engineer     | 1 x 8           | Superintendent             | 1 | Х | 8   | Dump truck                        | 1 | > | 8   |
|                    |                 | Safety Officer             | 0 | Х | 8   | Excavator – Large                 | 1 | X | 8   |
|                    |                 | Foreman                    | 0 | Х | 8   | Excavator - Mid-Size              | 0 | > | 8   |
|                    |                 | Dump truck Operator        | 1 | Х | 8   | Excavator - Rubber Wheeled – Rock | 0 | X | 8   |
|                    |                 | Excavator Operator         | 1 | Х | 8   | Skid Steer / Bucket Loader        | 0 | > | 8   |
|                    |                 | Skid Steer/Bucket Loader   | 0 | Х | 8   | Rolling Compactor                 | 1 | > | 8   |
|                    |                 | Laborers                   | 1 | Χ | 8   | Plate Compactor                   | 0 | > | 8   |
|                    |                 | Note that some persons     |   |   |     | Jumping Jack Compactor            | 0 | > | 8   |
| Barnhart           | 0 x 8           | Multiple pieces equipment. |   |   |     | Street Sweeper (Broce Broom)      | 0 | > | 8   |
| United Concrete    | 0 x 8           |                            |   |   |     | Material Hopper                   | 0 | > | 8   |
| JMS                | 0 x 8           | Sub-contractor             | 0 | Χ | 8   | Pipe saw                          | 0 | > | 8   |
| CT Traffic Control | 0 x 8           | Municipal Police Detail    | 0 | Χ | 8   | Light Tower                       | 0 | > | 8   |
|                    |                 | State Police Detail        | 0 | Χ | 8   |                                   |   |   |     |

Visitors:

None.

#### Pipe Connections, Installations, and Other Work

Ludlow finished installing the 16" DIP between the altitude valve vault and the water tank located east of the Shared Access Driveway in Middletown.

#### <u>Daily Activities – Water tank work zone, Shared Access Driveway, Middletown</u>

Ludlow finished installing the 16" DIP between the altitude valve vault and the water tank and built a concrete form for the creation of a thrust block at a 45 MJ bend.

0708: Ludlow has resumed activities at the water tank work zone located east of the Shared Access Driveway in Middletown. They are continuing to place 16" DIP between the altitude valve vault and the water tank.

0848: Ludlow continues to place 16" DIP between the altitude valve vault and the water tank east of the Shared Access Driveway in Middletown.

0923: Ludlow demobilizes several side panels from the slide rail trench box that was used for the altitude valve vault excavation east of the Shared Access Driveway in Middletown.

| Res. Representative: | J. Meunier | Date: | 04/22/21 |
|----------------------|------------|-------|----------|

#### **Daily Report**

Project: April 22, 2021 **Durham Meadows Pipeline Installation** Date: Day of Week: **Thursday** Location: Shared Access Driveway, Middletown **Report No:** 227 Project #: AECOM: 6061487 Page: 2 of 10 Contractor: **Ludlow Construction** 

1051: Ludlow has completed installing the 16" DIP to connect the altitude valve vault and the water tank.

1226: Ludlow is in the process of surveying the 16" DIP they installed between the altitude valve vault and the water tank for an as-built record. Ludlow is also installing a 3" gate valve right up against the water tank on the 3" DIP tank level sensor line that protrudes from the west side of the tank (about 3' south of where the 16" DIP protrudes from the west side of the water tank).

1329: Ludlow is in the process of backfilling underneath the 16" FLEX-TEND piping assembly that was attached to the west side of the water tank. Geofabric has been placed on top of fill, followed by 6" of ¾" gravel, followed by another layer of geofabric. Sand will then be placed on top of the top layer of geofabric and brought up to the invert of the 16" FLEX-TEND piping assembly, with at least 3" of sand placed beneath said assembly.

1417: Ludlow has finished backfilling underneath the 16" FLEX-TEND piping assembly that was attached to the west side of the water tank. Ludlow is currently building a form for concrete that will be poured to form a thrust block for the first bend of the 16" DIP located west of the 16" FLEX-TEND piping assembly.

1442: Ludlow is currently building a form for concrete that will be poured to form a thrust block for the first bend of the 16" DIP located west of the 16" FLEX-TEND piping assembly.

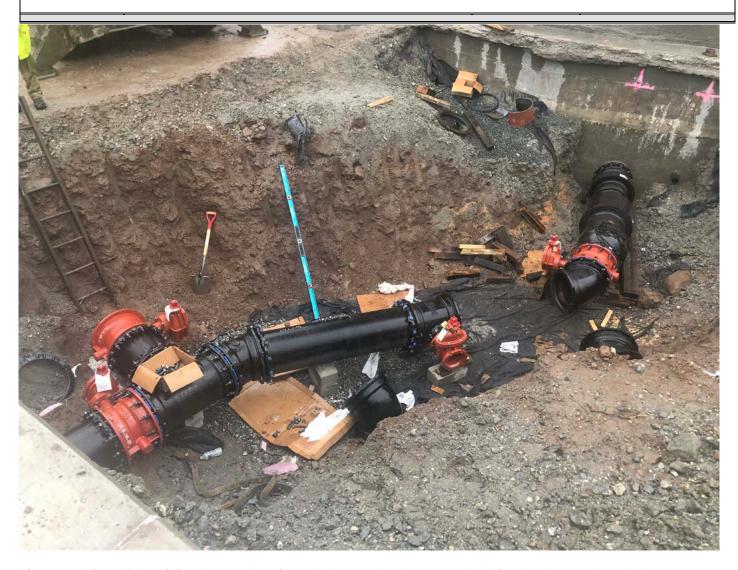
### **Daily Report**

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**Location:** Shared Access Driveway, Middletown Day of Week: Thursday

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Picture 1: View of the piping that Ludlow installed yesterday between the altitude valve vault and the water tank located east of the Shared Access Driveway in Middletown. View to the northeast.

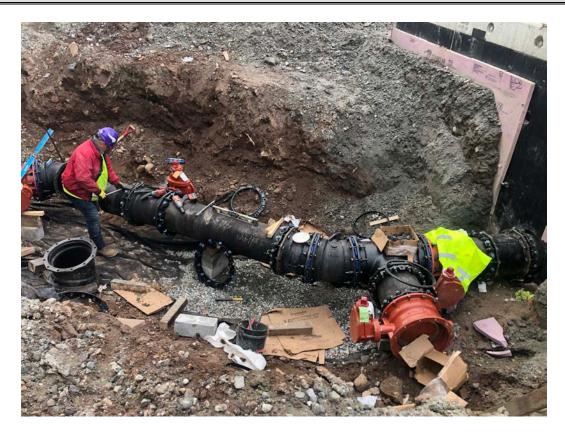
### **Daily Report**

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Picture 2: Ludlow tightening the bolts on a megalug restrained connection as they continue to install 16" DIP between the altitude valve vault and the water tank located east of the Shared Access Driveway in Middletown. View to the south.

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Picture 3: Ludlow continuing to install 16" DIP between the altitude valve vault and the water tank located east of the Shared Access Driveway in Middletown. View to the east.

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Picture 4: The last section of 16" DIP that Ludlow installed between the altitude valve vault to the water tank located to the east of the Shared Access Driveway in Middletown. View to the south.

| Res. Representative: | J. Meunier | <b>Date</b> : 04/22/21 |
|----------------------|------------|------------------------|

### **Daily Report**

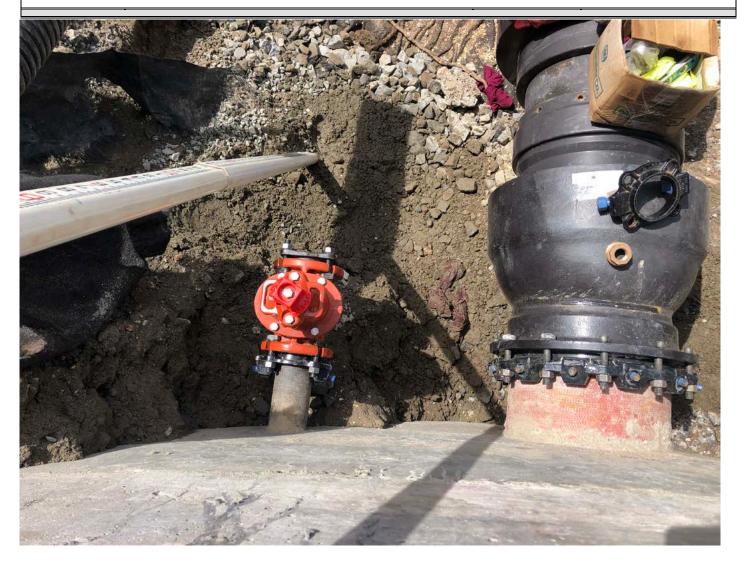
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Picture 5: 3" gate valve that Ludlow has attached to the 3" DI tank level sensor line that protrudes from the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the west.

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Picture 6: Ludlow building a form for concrete that will be poured to form a thrust block for the first bend of the 16" DIP located west of the 16" FLEX-TEND piping assembly. View to the east.

| Res. Representative: | J. Meunier | <b>Date</b> : 04/22/21 |
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Picture 7: 16" DIP after Ludlow completed connecting the water tank to the altitude valve vault and placed geofabric, 34' gravel, and sand beneath the pipe. View to the west.

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Picture 8: Excavation between the water tank to the altitude valve vault located east of the Shared Access Driveway, Middletown. Fencing was placed around the excavation at the end of the workday for security. View to the south.

| Res. Representative: | J. Meunier | <b>Date</b> : 04/22/21 |
|----------------------|------------|------------------------|