Location:

#### **Daily Report**

Project: Durham Meadows Pipeline Installation Date: May 26, 2021

Day of Week: Wednesday

S. Main Street and the Shared Access Driveway, Middletown

**Project #:** AECOM: 6061487 **Report No:** 251

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**Contractor:** Ludlow Construction

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-11 mph.

Temperature (°F): High 82°F Low 59°F

	Contra	acto	rs (	& Sı
Trade		#	Х	hrs
USACE				
Field Engineer		2	Χ	8
United Concrete		3	Х	8
A&R Electrical		0	Х	8
Barnhart		0	Х	8
CT Traffic Control		0	Х	8

ontractors Workforce			
Trade	#	Х	hrs
Ludlow Construction			
Superintendent	1	Х	8
Safety Officer	1	Х	8
Foreman	0	Х	8
Dump truck Operator	1	Х	8
Excavator Operator	1	Χ	8
Skid Steer/Bucket Loader	1	Х	8
Laborers	3	Χ	8
Note that some persons			
Multiple pieces equipment.			
Sub-contractor	1	Χ	8
Municipal Police Detail	0	Χ	8
State Police Detail	0	Χ	8

Equipment in Use			
Туре	#	х	Hrs
Concrete/Asphalt Road Saw	0	Х	8
Dump truck	2	Х	8
Excavator – Large	1	Х	8
Excavator - Mid-Size	1	Х	8
Excavator - Rubber Wheeled	1	Х	8
Skid Steer / Bucket Loader	0	Х	8
Rolling Compactor	1	х	8
Plate Compactor	1	Х	8
Jumping Jack Compactor	1	Х	8
Street Sweeper (Broce Broom)	0	Х	8
Material Hopper	0	Х	8
Pipe saw	0	Х	8
Light Tower	0	Х	8

Visitors:

None.

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

Ludlow finished with the installation of the headwall at Station 11+50 and the piping connected to it. Ludlow constructed a plunge pool around the catch basin located proximal to and west of the headwall and raised the grade around the altitude valve vault. United Concrete continued with finish work on the booster station located at Station 750+63 in Middletown. Ludlow performed a successful pressure test on the piping entering and exiting the pressure reducing valve vault.

#### Daily Activities - Booster station work zone, S. Main Street, Middletown

United Concrete continued with finish work on the booster station located at Station 750+63 in Middletown.

0708: United Concrete has 3 laborers back at the booster station resuming finish work on the interior of the booster station located at Station 750+63 in Middletown.

0748: United Concrete continues finish work on the interior of the booster station.

Res. Representative:	J. Meunier	Date:	05/26/21
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1146: United Concrete has almost finished with the installation of the grating that they are placing over the trough of the booster station located at Station 750+63 in Middletown. United Concrete is currently finishing the installation of the water feed to the sink located on the east side of the booster station.

#### <u>Daily Activities – Pressure reducing valve vault, S. Main Street, Middletown</u>

Ludlow performed a successful pressure testing of the piping entering and exiting the pressure reducing valve vault.

0956: Ludlow is staged at the pressure reducing valve vault as they continue to set up pressure tests on: 1) the run of pipe between the butterfly valve located at Station 161+14 on the 16" waterline to the gate valve located in the vault and 2) the run of pipe between the butterfly valve located at Station 161+55 on the 16" waterline to the gate valve located in the vault

1122: Ludlow is preparing to start pressure tests on the piping entering and exiting the pressure reducing valve vault. Start pressure on the run of pipe between the butterfly valve located at Station 161+14 on the 16" waterline to the gate valve located in the vault is 150 PSI. Start pressure on the run of pipe between the butterfly valve located at Station 161+55 on the 16" waterline to the gate valve is 155 PSI.

1330: Ludlow finishes the pressure tests on the piping entering and exiting the pressure test pressure reducing valve vault. Both tests pass.

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

Ludlow finished with the installation of the headwall at Station 11+50 and the piping connected to it. Ludlow constructed a plunge pool around the catch basin located proximal to and west of the headwall, and also raised the grade around the altitude valve vault.

0659: Ludlow is mobilizing at the water tank work zone to resume work on the headwall located at Station 11+50, just west of the water tank located east of the Shared Access Driveway in Middletown.

0829: Ludlow continues work on the headwall at Station 11+50, just west of the water tank work zone in Middletown.

0928: Ludlow has backfilled over the 8" DIP that connects into the headwall at Station 11+50 from the east. Ludlow is currently excavating around the catch basin located proximal to and immediately west of the headwall for the construction of a plunge pool.

0940: Ludlow places geofabric over native soil as they begin to construct a plunge pool around the catch basin located proximal to and immediately west of the headwall located at Station 11+50.

1132: Ludlow continues work on the plunge pool around the catch basin located at Station 11+50 in Middletown.

1205: Ludlow is placing and compacting fill to the west and south west of the water tank as they bring the grade up near the water tank and the altitude valve vault.

1335: Ludlow continues to place and compact fill to the west and south west of the water tank as they bring up the grade.

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Res. Representative:	J. Meunier	Date:	05/26/21
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1402: Ludlow has finished the installation of a plunge pool located west and adjacent to the headwall they installed at Station 11+50.

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Picture 1: Ludlow compacting fill with a jumping jack on the northwest side of the plunge pool located at ~Station 11+60. View to the north.

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Picture 2: Headwall located at Station 11+50 catch basin under construction. View to the southeast.

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Picture 3: Ludlow placing fill in 1' lifts to raise the grade around the altitude vault on the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the southwest.

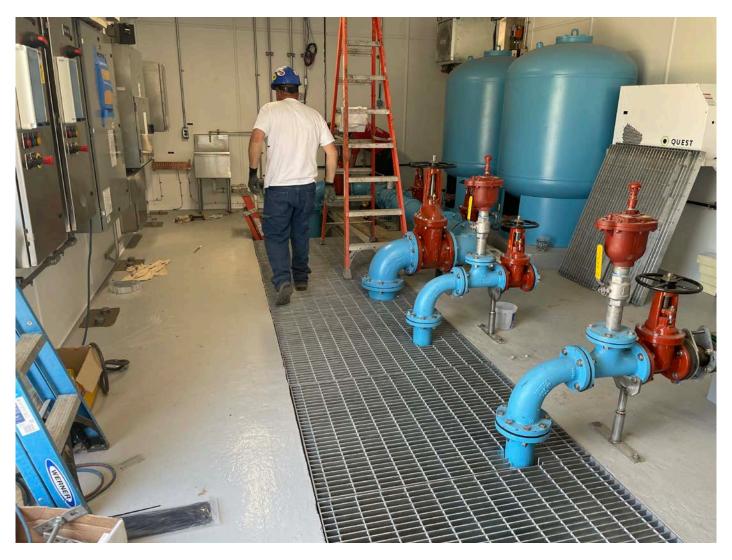
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Picture 4: United Concrete has placed grating over the pipe trough in the booster station located at Station 750+63 in Middletown. View to the east.

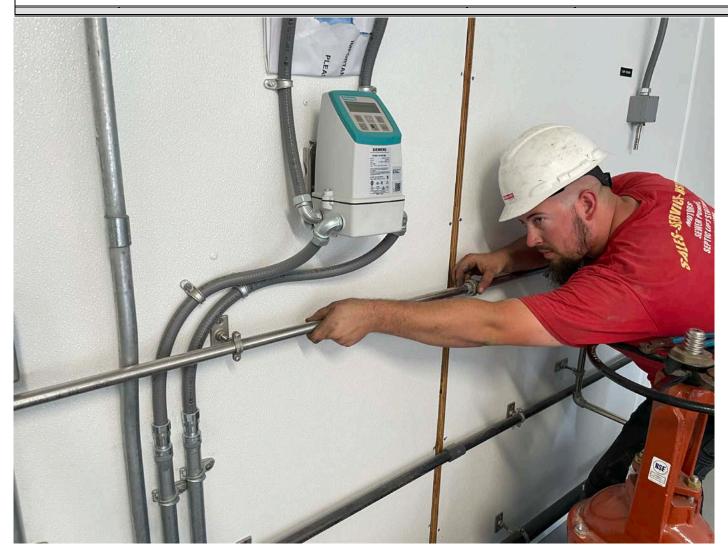
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Picture 5: United Concrete installing water sampling feed line to the sink located on the east side of the booster station located at Station 750+63. View to the southeast.

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Picture 6: View of fill Ludlow has placed around the altitude valve vault on the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the southwest.

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Picture 7: View of fill Ludlow has placed around the altitude valve vault on the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the south.

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Picture 8: View of fill Ludlow has placed around the altitude valve vault on the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the southwest.

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Picture 9: View of fill Ludlow has placed around the altitude valve vault on the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the north.

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Picture 10: View of the headwall, catch basin, and plunge pool located west of the water tank. View to the northeast.