

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 26, 2021
Location:	S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	251
Contractor:	Ludlow Construction	Page:	2 of 13

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.

Daily Activities – Pressure reducing valve vault, S. Main Street, Middletown

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.

Res. Representative:	J. Meunier	Date:	05/26/21
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AECOM

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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.

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