Daily Report

Project:Durham Meadows Pipeline InstallationDate:May 25, 2022

Location: Main Street, Durham; Talcott Ridge Drive, Middletown Day of Week: Wednesday

Project #: AECOM: 6061487 **Report No:** 433

Contractor: Ludlow Construction Page: 1 of 16

Weather Conditions

Conditions: Daylight hours: Partly cloudy. Wind variable 0-8 mph.

Temperature (°F): High 72°F Low 45°F

Contr	act	ors	& Su
Trade	#	Х	hrs
USACE			
Field Engineer	1	Х	8
John Turner Consulting	0	Χ	8
Grela	3	Χ	8
Fazzino Plumbing	0	Χ	8
United Concrete	0	Χ	8
Knapp Engineering	0	Х	8
Apuzzo Electric	0	Х	8
Alarm Systems, Inc.	0	Х	8
A&R Electrical	0	Х	8
	ı		

ubc	ontractors Workforce			
	Trade	#	Χ	hrs
	Ludlow Construction			
	Superintendent	0	Χ	8
	Safety Officer	0	Χ	8
	Foreman	1	Χ	8
	Dump truck Operator	0	Χ	8
	Excavator Operator	1	Χ	8
	Skid Steer/Bucket Loader	0	Χ	8
	Laborers	2	Χ	8
	Note that some persons operate			
	Multiple pieces equipment.			
	Sub-contractor	3	Χ	8
	Municipal Police Detail	1	Χ	8
	State Police Detail	0	Χ	8

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

Visitors:

None.

Pipe Connections, Installations, and Other Work

Ludlow worked at making the connection between the 12" DIP water line coming from Round Hill Road to the 16" DIP water line located at Station 40+41 on Talcott Ridge Drive. Grela Well Drilling decommissioned the wells at the 196, 202, 228, 236, 220, and 227 Main Street properties.

<u>Daily Activities – Round Hill Connection, Talcott Ridge Drive, Middletown</u>

Ludlow worked at making the connection between the 12" DIP water line coming from Round Hill Road to the 16" DIP water line located at Station 40+41 on Talcott Ridge Drive.

0714: Ludlow begins to mobilize to Station 40+41 on Talcott Ridge Drive to resume making the connection between the 16: DIP water line on Talcott Ridge Drive and the 12" DIP water line coming in from Round Hill Road.

0745: Ludlow has resumed construction activities associated with connecting the 12" DIP water line coming off of Round Hill Road and the 16" DIP waterline on Talcott Ridge Drive at Station 40+41.

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0835: Ludlow is setting a trench box in the excavation they started yesterday Station 40+41 on Talcott Ridge Drive in Middletown.

0921: Ludlow has made a slit in the side of the 12" DIP water inch line coming up from round Hill Road to purge it of water so they can connect it to the 16" DIP water line at Station 40+41 on Talcott Ridge Drive. Ludlow is pumping water out of the excavation and directing it into the brush located north of the excavation. Ludlow is directing a second line to discharge groundwater pumped from the excavation into a catch basin located approximately 40' west of the excavation. The catch basin has been covered with filter fabric and ¾" rock placed over it.

0936: Ludlow continues to discharge from the 12" DIP water line that Ludlow cut a slit into.

0947: Ludlow continues to discharge from the 12" DIP water line that Ludlow cut a slit into.

0957: Ludlow is placing sand over the union of the 12" DIP and the 16" DIP water line located on Talcott Ridge Drive at Station 40+41.

1052: Ludlow is cutting excess pipe from the 12" DIP water line coming in to Station 40+41 from Round Hill Road as they work to connect the 12" DIP to the 16" DIP water line located on Talcott Ridge Drive.

1109: Ludlow has removed approximately 6' of the 12" DIP coming into the excavation Round Hill Road. There is currently a ~12' gap between the 12" DIP Ludlow installed yesterday and the 12" DIP coming into the excavation at Station 40+41 from Round Hill Road.

1114: Ludlow is using a megalug to secure a DIP plug to the end of the 12" DIP coming off of Talcott Ridge Drive that Ludlow cut in order to make the connection to the new 16" DIP water line.

1134: Ludlow has finished placing a DIP plug to the end of the 12" DIP coming off of Talcott Ridge Drive.

1250: Ludlow has placed a 12", 22.5° DIP bend on the section of 12" DIP coming into the excavation from Round Hill Road.

1323: Ludlow has the added a~6' section of 12" DIP with a 22.5° DIP bend to the section of 12" DIP they installed yesterday that comes off of the 16"x16"x12" gate valve at Station 40+41.

1418: Ludlow has finished installing 12" DIP to complete the connection of the 12" DIP water line coming in from Round Hill Road to the 16" DIP water line at Station 40+41 on Talcott Ridge Drive.

1430: Ludlow is pulling the trench boxes from the excavation at Station 40+41. They've placed ¾" rock beneath the sections of 12" DIP they installed to complete the connection of the 12" DIP water line coming in from Round Hill Road to the 16" DIP water line at Station 40+41 on Talcott Ridge Drive. Ludlow is currently installing a corporation stop at the end of the 12" DIP plug they placed on the section of the 12" DIP water line coming off of Talcott Ridge Drive.

1441: Ludlow places black geofabric over the ¾" stone they just placed and under the 12" DIP they just installed to complete the connection of the 12" DIP water line coming in from Round Hill Road to the 16" DIP water line at Station 40+41 on Talcott Ridge Drive. Ludlow is currently placing 6" of sand under the 12" DIP.

1449: Ludlow is placing cinder blocks at the bends of the 12" DIP they just finished installing at Station 40+41 as thrust blocks

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1709: Ludlow has finished work for the day at Station 40+41 and is currently placing steel plates over the open excavation.

Daily Activities - Well decommissioning activities, Durham

Grela Well Drilling decommissioned the wells at the 196, 202, 228, 236, 220, and 227 Main Street properties.

- 0910: Grela is setting up to decommission the well located on the south side of the 236 Main Street building.
- 1006: Grela continues well decommissioning activities on the wells located at the 228 and 236 Main Street buildings.
- 1009: Ludlow is backfilling the hole left behind after Grela decommissioned the well located between 303 and 305 Main Street residences yesterday.
- 1101: Ludlow is backfilling the hole left behind after Grela decommissioned the well located on the south side of the 243 Main Street building. Grela has just set up on the well located on the south side of the 227 Main Street residence and has begun to fill it with sand.
- 1103: Grela has mobilize to the 220 Main Street residence where they are preparing to decommission the well located on the north side of the house. Grela is currently adding chlorine tablets to the well before decommissioning activities commence.
- 1154: Grela continues to add sand to the well located on the north side of the 220 Main Street property.
- 1224: Grela continues to add sand to the well located on the north side of the 220 Main Street property.
- 1237: Grela continues well decommissioning activities at the 227 Main Street property.
- 1238: Ludlow just finished saw-cutting around the well casing located on the southwest corner of the 238 Main Street building so they can hand-excavate around the casing, allowing Grela space to cut it 2' below surface grade.
- 1333: Grela has finished well decommissioning activities at the 220 and 227 Main Street properties.
- 1352: Grela has set up to decommission the wells located on the 196 and 202 Main Street, Durham, properties.
- 1455: Grela continues to decommission the wells at located at the 196 and 202 Main Street properties.

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Picture 1: Grela setting up to decommission the well located on the south side of the 236 Main Street, Durham, building. View to the east.

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Picture 2: Grela placing sand into the well located on the north side of the 228 Main Street, Durham, building as part of well decommissioning activities. View to the east.

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Picture 3: Grela setting up to decommission the well located on the north side of the 220 Main Street, Durham, building. View to the southeast.

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Picture 4: Grela placing sand into the well located on the south side of the 227 Main Street, Durham, building as part of well decommissioning activities. View to the west.

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Picture 5: Grela placing sand into the well located on the west side of the 202 Main Street, Durham, property as part of well decommissioning activities. View to the east.

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Picture 6: Grela placing sand into the well located on the west side of the 196 Main Street, Durham, building as part of well decommissioning activities. View to the south.

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Picture 7: 12" DIP water line that Ludlow slit with a cutoff saw to purge it of water so they can connect it to the 16" DIP water line at Station 40+41 on Talcott Ridge Drive, Middletown. View to the south.

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Picture 8: Ludlow discharging water being pumped from the excavation at Station 40+41 into a catch basin located several feet to the west through filter fabric. View to the east.

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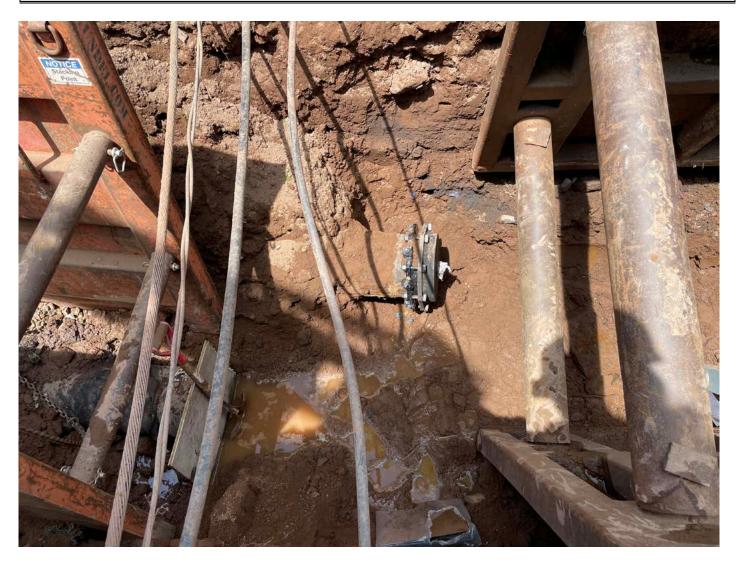
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Picture 9: Section of 12" DIP that Ludlow placed a DIP plug onto at Station 40+41 on Talcott Ridge Drive in Middletown. View to the west.

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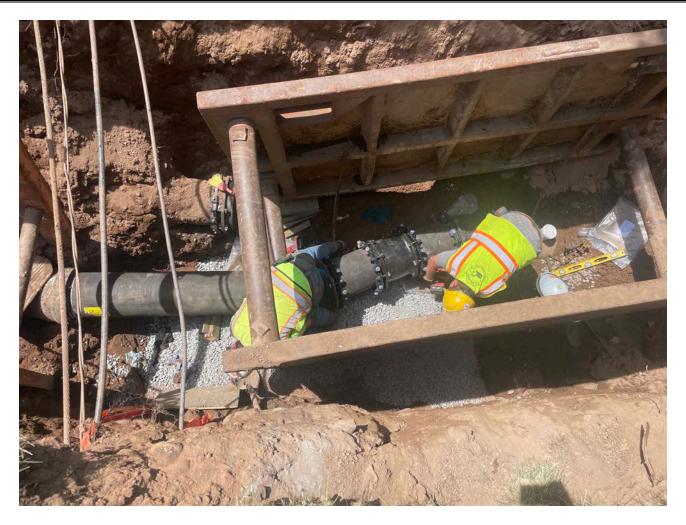
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Picture 10: Ludlow making the final connection at Station 40+41 between the 12" DIP water line coming from Round Hill Road and the 16" DIP water line located on Talcott Ridge Drive. View to the west.

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Picture 11: Ludlow installing a corporation stop on the DIP plug they installed on the cut end of the 12" DIP water line located at Station 40+41. View to the east.

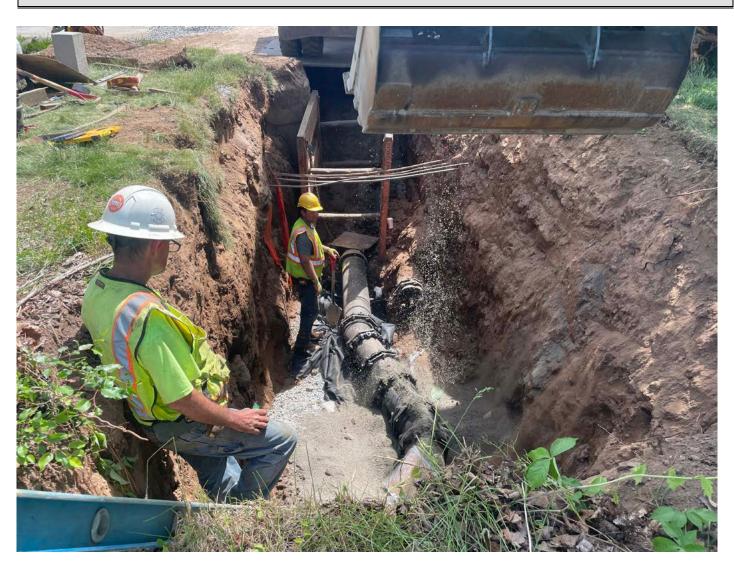
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Picture 12: Ludlow placing sand over the 12" DIP they installed while connecting the 12" DIP water line coming in from Round Hill Road to the 16" DIP on Talcott Ridge Drive in Middletown at Station 40+41. View to the south.

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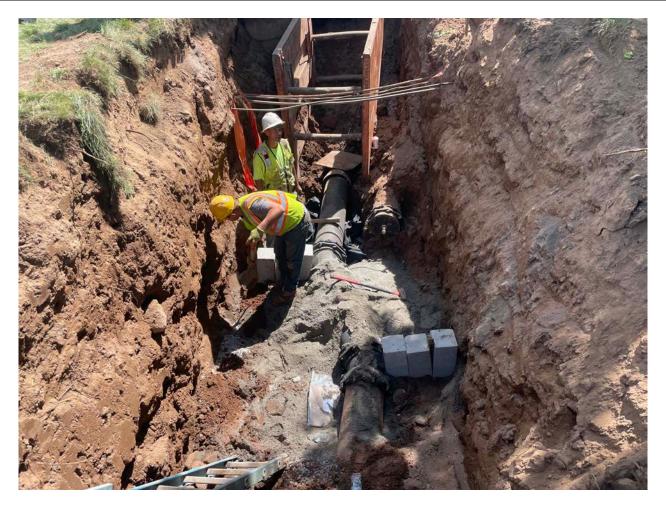
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Picture 13: Ludlow placing thrust blocks on the bends in the 12" DIP they installed while connecting the 12" DIP water line coming in from Round Hill Road to the 16" DIP on Talcott Ridge Drive in Middletown at Station 40+41. View to the south.