

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	June 10, 2021
Location:	S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	261
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-5 mph.
 Temperature (°F): High 82°F Low 53°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	Hrs
USACE				Ludlow Construction			
Field Engineer	3	x	8	Superintendent	1	x	8
				Safety Officer	1	x	8
				Foreman	1	x	8
				Dump truck Operator	2	x	8
				Excavator Operator	2	x	8
				Skid Steer/ Bucket Loader	1	x	8
				Laborers	3	X	8
				Note that some persons	Tot		
United Concrete (Elec)	4	x	8	Multiple pieces equipment.			9
A&R Electrical	0	x	8				
Barnhart	4	x	2	Sub-contractor (DN Tanks)	4	X	8
Keltic Painters	1	x	8	Municipal Police Detail	2	X	8
				State Police Detail	0	X	8

Visitors:

Summary

Up at the water tank: DN Tanks starts the first coat on the exterior of the tank. Sealant undercoat for dome and first coat for walls. Entire second coat (dome and walls) set for tomorrow. Booster Station: Conduit trenches had to be cleaned out meaning rebar removed and replaced. Heavy rains made a mess of the conduit trenches. Conduits installed and base for generator placed along with form for concrete pad. Water Meter Vault: Placed the building on the pad and pipe connections made. Minor other installations and details on going.

Daily Activities – Water meter vault work zone, S. Main Street, Middletown

0650: Bernhardt Crane already on site. Reportedly arrived around 0630 hours.

0830: Crane continues to make preparations. Middlesex police detail also in place (arrived around 0730).

0850: Final set of counterweights added to the crane.

0920: Building arrives on site. Crews work at attaching hoist to the building, but it becomes clear that the spreader bars are not long enough to avoid having the rigging crush the top of the building. Call is made for longer spreader bars. United is cutting piping for final building overlay.

Res. Representative:	W. Abrahams-Dematte	Date:	06/10/21
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1040: Everything is finally in place and the lift starts. Traffic is stopped during the first part of the pic to allow crane to turn into position. Turns out that the crane was not as wide as stated and sufficient room was available to keep one lane open.

1110: Building is in place and connections are being made inside the structure.

1140: Crane break down and demobilization is underway.

1330: United continues with installation activities on the water meter building.

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

0710: DN Tanks arrived at 0600 hours this morning and began painting the dome of the water tank. Their sub, Keltic Paint, also on site doing the final coat on the ladders. In conversation with Billy (Ludlow) this morning, after severe heavy rains last night, the new catch basin had silted over (due to silt sock in grate, and flooded over carrying the silt (which would have ended up in the drain) out onto the road. The road had to be swept this morning. Billy said he is going to put rip-rap in the basin regardless because the issues will take up more time than the just putting rip-rap in. The slopes off the side of the road do show signs of erosion and will likely continue to erode until the slope is stabilized.

1400: First coat completed on the exterior of the tank. Reportedly it was completed around midday. Ladder materials were also completed. While up at the tank, the neighbor immediately abutting the tank, came up and complained about having the 'yellow-iron' parked at the end of her driveway. Says the view from the house is disrupting and asked if it could be moved by the weekend. AECOM spoke with Ludlow about it. The equipment was being parked there to make room for the painting, Ludlow will see where they can relocate the equipment tomorrow. It appears that 2 of the 3 pieces of equipment are visible plus a smaller roller.

Daily Activities – Booster station work zone, Main Street, Middletown

0730: Ludlow re-trenching booster station for conduit. Heavy rains late yesterday washed soil in over the rebar. Rebar was removed and trenches cleaned out and rebar replaced.

1430: Ludlow has cleaned up the mess made by the rains and has installed the conduit in the trenches, with rebar, and is placing stone under the generator pad form as a sub-base. Ludlow is having a little trouble getting a concrete hauler out this week, so they are hoping for good weather till next week. Currently it sounds like Tuesday for the conduit trenches to be filled and the generator pad placed.

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Picture 1: Facing west. Coating underway on the dome.

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Picture 2: Facing south. View into new catch basin at tank site with silted in and flooded because silt sock plugged.

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Picture 3: Facing north. Crane with outriggers extended. However back end of crane was slightly over center line hence cone placement. Traffic was able to safely pass.

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Picture 4: Facing northwest. Loading additional counterweight to crane.

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Picture 5: Facing southwest. Meter building arrives on step-deck low-boy trailer.

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Picture 6: Facing southwest. Setting up rigging. Notice that the spreader bars are too short. Longer bars were brought in so that rigging did not damage top of meter building.

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Picture 7: Facing south. United Concrete shortening piping to align with meter house piping.

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Picture 8: Facing north. Lifting the meter building off the low-boy truck

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Picture 9: Facing north. Aligning the meter building with piping.

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Picture 10: Facing east. View of water tank after first coat of coating. Soil on road is from overnight wash out of new catch basin.

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Picture 11: Facing southwest. Completed conduit between altitude valve vault and electrical enclosure up at the water tank site. Note protective plastic over vault and enclosure to protect from tank coating overspray.

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Picture 12: Facing west. Conduit from the booster station toward the street.

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Picture 13: Facing south. Behind booster station this the form for the concrete pad for the generator. The stone base needs to be raised to the bottom of the form prior to concrete pad. Conduit leading to the generator pad in foreground.