

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	June 7, 2021
Location:	S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	258
Contractor:	Ludlow Construction	Page:	1 of 5

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-11 mph.
 Temperature (°F): High 81°F Low 57°F

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

Visitors: Barnhart Crane on site to assess placement of crane. United prepping for water meter building.

Summary

Ludlow continued earth work at the water meter vault work zone located ~Station 124+80 on S. Main Street in Middletown. United was also on-site prepping for delivery of water meter building. Bernhardt Crane on-site taking measurements for siting the crane on Thursday. Up at the tank, DN Tanks is mobilizing its equipment in preparation for painting the water tank inside and out. Planned lift at tank tomorrow to situate the equipment to perform the interior coating. Billy (Ludlow) working on coordinating that with work on catch basin issue with reducing drainage overland run off.

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

Ludlow continued earth work and gravel pack compaction at the water meter vault work zone located at ~Station 124+80 on S. Main Street in Middletown. Both United Concrete and Bernhardt Crane were on site preparing for their respective parts in the lift and placement of the water meter building.

0730: Ludlow has mobilized to the water meter vault work zone located at ~Station 124+80 on S. Main Street in Middletown.

0830: Work continues, compaction of base for building.

Res. Representative:	W. Abrahams-Dematte	Date:	06/07/21
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1015: United Concrete and Barnhardt Crane on site; discussion about the preparations for the lift on Thursday. United Concrete seems all set, fittings/pipes seem good for them. Building will come in on a step-deck, some discussion with Bernhardt about confirming that and about positioning to make it easier to do the lift. Meter building is a single piece. Barnhardt expressed some concern about the ability to be far enough off the road. Said that outriggers will pretty much be on the center line of Route 17. The biggest concern is that the back end of the crane will swing out into the remaining lane during the turn. For safety reasons traffic may need to be stopped in both directions for short periods of times.

1400: Stone pad completed. Minor cleaning up. Ready for lift on Thursday.

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

0845: DN Tanks up at tank site mobilizing equipment for painting and prepping tank. Andrew (DN Tanks) has already approached the neighboring homeowner and offered a car cover. Owner said that he will put the vehicle inside during the work. Owner is aware of schedule.

0900: Preparatory meeting to discuss safety measures and work to be performed during the painting of the tower. Rob and Jerry from Ludlow, Kurt and Joe from USACE, Andrew +1 from DN tank were present at meeting. Discussion covered fall protection, contacting the abutter, types of equipment to be used to perform work and procedures/communications. It also covered the materials being used to seal the tank and weather/wind conditions. The approach will be to seal the dome/lid of the tank first. This will be applied by rolling the sealant on the cap. Cap has to be less than 90 degrees Fahrenheit. First coat will be an Acro (1 part Acro liquid + 3 parts water) mix with 1x50# bag of Tamoseal and second coat Tammscoat. The outside walls, which have already been chlorine power washed to open the concrete pores, will receive two coats of Tammscoat. The interior will be power washed and the seams sealed with epoxy 6" either side of the seam prior to coating using Cim primer and epoxy. In order to complete the interior a lift will be needed to place rigging on the dome. The lift is scheduled for tomorrow. Approval for the lift plan came late in the day.

1420: DN Tanks organized and cleaned up the site from this morning. Getting organized for the work to follow.

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Picture 1: Tammcoat. Outer coating sealant.



Picture 2: Epoxy primer for sealing seams on the inside of the tank.

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Picture 3: Epoxy activator.



Picture 4: Tamoseal powder mixed with Arco (no pic - not yet on site so). First sealing coat for cap of tank.

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Picture 5: United investigating the preparations for the Thursday lift. Will stop back tomorrow for final review. Barnhardt as well.



6: Final base preparations completed. Outrigger will set by the blade. Meter building will be off loaded from upper left of photo.

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