

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 504		Page 1 of 0	
					DATE 05 May 2020 - Tuesday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 49 °F Max 60 °F No Precipitation No Wind			
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND	
STRUCTURAL EXCA- VATION  100 %	BORROW EXCA- VATION  100 %	EMBANKMENT  100 %	CONCRETE  100 %	STRUCTURE  100 %	MINIMUM  49 °F	MAXIMUM  60 °F	0 MPH	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					24 HOUR PRECIPITATION			
					INCHES  0.00		ENDING  M	
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE			
SUPERVISORY  0	OFFICE  0	LAYOUT  0	INSPECTION  2	TOTAL  2	LABOR  0	FEET  0.0		TIME  M
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS				
				<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3				
SUPERVISORY  0	SKILLED  0	LABORERS  0	TOTAL  0	FROM  0700	TO  1530 M	FROM  M	TO  M	FROM  M
				TO  M				
Attach a list of the following. (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite. NOTE: if the contractor's Quality Control Report (QCR) contains the information it need not be repeated.								
<b>QA NARRATIVES</b>								
<b>Contractor/Subcontractor &amp; Area of Responsibility for Work:</b>					Unresolved Issue: No		Shift: 1	
Kurt Mintell Project involves installing water main from a new Middletown Water Tank into Durham and tying into homes & businesses:  Prime Contractor: Ludlow - Installing watermain & associated components. Subcontractor: ACE Consulting - SSHO Rob Peddicord & CQC Jerry Brandon Subcontractor: Connecticut Traffic Control - 0 Subcontractor: John Turner Consulting - YES (Steve) Subcontractor Vellieux - 0 Middletown Police - 0 State Police -2								
<b>Work Performed Today:</b>					Unresolved Issue: No		Shift: 1	
Kurt Mintell Water Tank Site and Access Road: KTR digging out existing material on the shared access road and replacing with processed (1.5-) and rolling with large roller. Noted KTR making effort to ensure residents can pass by quickly when needed.  State/Town Roads: 2 State Police directing traffic Install 16 " Restrained Pipe starting at STA 175+90 - 17+88. Includes installing 1" Water Corps. Noted large rocks on the outside edge of the trench (not in the excavation area) KTR encountered ledge and mechanically chipped and removed. Noted same chipping equipment being used that was used to determine the vibration monitoring baseline.  Pete from Ludlow to pressurize the water main.  Pay Items with CLIN# 1: 81 FEET OF 16 INCH PIPE: STA 177+29 TO 178+10  5: 139 FEET OF 16 INCH TR FLEX PIPE: STA 175+90 TO 177+29  28: 5 1 INCH CORPS: STA 176+00, 176+03, 176+87, 177+10.5, 177+88  54: ROCK 7.4 CUBIC YARDS: STA 177+25 TO 177+45  55: 56.7 CUBIC YARDS OF BANK RUN GRAVEL  61: 440 FEET OF STATE SAW CUT								
<b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b>					Unresolved Issue: No		Shift: 1	
Kurt Mintell QC/QA Requirements discussed & observed today STATE ROAD 1. Proper lift thickness a. Fabric b. 6" gravel c. 3" sand d. Pipe								

- e. 12" sand over pipe hand compacted with jumping jack type compactor
- f. three 8-12" lifts individually compacted and each layer tested by JTC Testing every 25LF. This material can not contain any rocks larger than 5"
- g. Two lifts of processed material 8" each individually compacted and tested by JTC every 25LF.
- h. Two 2" layers of HMA installed to match existing road elevation

**Verbal Instructions Given to Contractor:**

Unresolved Issue: No

Shift: 1

Kurt Mintell

Spoke with QCM Jerry - directed him to ensure all debris from installing the water main is picked up. There is a piece of 16" pipe in front of the Valero.

Spoke with SSHO - all equipment and construction related material needs to be at least 10' from the curb (PER DOT PERMIT). Also discussed the SROW just north of the Valero Station needs to be repaired.

Review Safety Requirements for loading trucks and transporting gravel & fill to ensure no material is dropped on the roads while transporting.

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No

Shift: 1

Kurt Mintell

Water encountered while excavating:  
No water was encountered today.

PR Comments, encounters or issues:  
None today.

CT DOT onsite or communication:

Spoke with Steve Wright today:

1. Fog line that was covered with the shimming - per Steve since there is permanent paving plan for this season, the fog line does not have to be put back. This is contingent on the paving actually happening.
2. State Police last minute cancellation, this caused a disruption in the morning. Ludlow ended up calling a certified flagger to meet the DOT requirements.
3. Notified Steve Wright that we are enforcing the 15 foot off the road requirement and ensuring the contractor is not leaving debris in the SROW.

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No

Shift: 1

Kurt Mintell

Jerry - QC

Rob P - SSHO

John Pio - Superintendent

Mike Pio - onsite

USACE - Kurt Mintell, Bob Christie

AECOM - Joel

Mike Cunningham

Steve - JTC Consulting

**Safety:**

Unresolved Issue: No

Shift: 1

Kurt Mintell

Noted portable hand wash station on back of tool truck, cleaning supplies nitrile gloves, face masks.

Workers fill out daily forms indicating they are not demonstrating any symptoms of COVID 19 and turning into SSHO.

Daily Safety Inspections:

1. Noted proper PPE while cutting Steel pipe with cut off saw.
2. Traffic Control: 3 State Police and cones on 17 - while installing the new water line
3. Discussed situational awareness while working around heavy equipment, and while allowing residents to use the shared driveway while under construction
4. Situational awareness not to work in close proximity to each other (COVID PREVENTION)
5. Trench box being used for all excavations while working in trench.
6. DOT requirements for keeping debris and construction equipment 15 feet off the road.

ISSUES TODAY:

Rock spilled on 17 & Talcott Ridge Road heading North at approx 1230 - notified SSHO, QC & PR - KTR used a Bobcat with a dirt collector to collect the spillage at 1314. Noted an escort vehicle following the Bobcat

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE