

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 538		Page 1 of 0	
					DATE 08 Jun 2020 - Monday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 0 °F Max 0 °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  0 °F	MAXIMUM  0 °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  1	TOTAL  1	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 - 1 State Police -3 A&J Paving - NA Vallieux Saw cut onsite								
<b>Work Performed Today:</b>					Unresolved Issue: No		Shift: 1	
Kurt Mintell Water Tank Site and Access Road: Seed and loam - spread out slope stabilization mat along slope. Clean up stumps and associated construction debris from grubbing.  State/Town Roads: ----- JONS CREW: 2 State Police directing traffic. Install 16" Restrained pipe at 17 & Old Cemetery Road, tie into existing watermain, add 16"butterfly valve. & 1 16 in gate valve  Sawcut on town road (Maiden) being done by Ludlow saw cut laborer- one certified flagger onsite. Install Silt Fence on Maiden as shown on the plans.  Pay Items: 21: 1 16 INCH BUTTERFLY VALVE: STA 209+10 22: 1 12 INCH GATE VALVE: STA 209+14.5 55: 39.15 CUBIC YARDS OF BANK RUN GRAVEL (138X3.83X2) 61: 276 FEET OF STATE SAW CUT 74: 850 POUNDS OF CALCIUM CHLORIDE USED FOR DUST CONTROL OVER LAST TWO WEEKS AT THE OFFICE TRAILER AND THE PIT (17 BAGS AT 50 POUNDS EACH) 75: 900 FEET OF SLIT FENCE INSTALLED ON MAIDEN LANE 0087: Tank Site work described above								
<b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b>					Unresolved Issue: No		Shift: 1	
Kurt Mintell    Observed slope stabilization at the tank site- stabilizing mat placed Noted silt fence at booster station needing repair - notified QCM								
<b>Verbal Instructions Given to Contractor:</b>					Unresolved Issue: No		Shift: 1	
Kurt Mintell Ensure no out of spec. rocks are put back in the trench after installing the pipe (5 inch pipe)								

Ensure silt fence is all in place and functioning  
Trench Box Requirements Reviewed DAILY.  
Ensure all Road CLOSED signs are removed at the end of each shift.  
Ensure Pickett Land is swept clean of dirt and debris left from construction activities prior to opening the road. COVERED DAILY  
Ensure the traffic limit is clearly marked on Pickett Lane to prevent vehicles from entering the construction zone. COVERED DAILY  
Spoke with Jon Pio & Quincy: ensure all signs are removed, all material sept form the roadway and all construction related materials and equipment off the road at the end of the shift & prior to opening PICKETT Lane. COVERED DAILY

Enforce the speed limit on the dirt road going to the trailers to prevent unnecessary dust, CLIN74 for Calcium Chloride for dust control can be used to keep dust down.

ENSURE storm drains are protected if excavating near or around.

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No

Shift: 1

Kurt Mintell  
Water encountered while excavating: YES - at 17 & Cemetery Road there is water in the trench

PR Comments, encounters or issues:

Met with Mary & Heather Newton 36 Maiden Lane cc Stream Crossing - access agreement signed.  
CT DOT onsite or communication or CTDOT related items: Talked with Steve Wright - NONE TODAY  
Reviewed Permit Required Requirements of equipment parked 15' feet off the road. Clean all debris and components form the SROW prior to shift end.

Remind contractor to ensure no gravel or material is being dropped on the haul route. COVER 2x weekly

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No

Shift: 1

Kurt Mintell Discussion with Mike Pio concerning the pay width of the trench for each diameter of water main being installed. We have an understanding that any bank run material or rock and ledge removal quantities being done during the water main installation are only paid inside the pay limits identified on the drawings on page C-502. Ludlow is over excavating beyond the pay limits by 14" in width. Mike Pio understands the Government will not pay for the additional quantities to fill the trench. All daily quantities will accurately portray this pay limit. The QTYS will be verified daily - KEEP THIS OPEN and check daily on QTY TRACKER

**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. JONS CREW
2. Traffic Control: 2 State Police and cones on 17 - while installing the new water line. 4 State Police on 17 & 1 certified flagger.
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. REVIEW & INSPECTED today.
6. Low overhanging wires, and methods used to ensure no contact with wires. KTR is using specifically designed extendable poles to support the low hanging wires. Jon Pio is the competent person overseeing. CONTINUING
7. Noted tri axle trucks on Talcott Ridge access road - back up alarms working & back up lights working.
8. No issues with spilled material in the road today.
9. Street sweeping on Pickett - road not closed but truck onsite with flashing lights

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE