

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 517		Page 1 of 0	
					DATE 18 May 2020 - Monday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 53 °F Max 65 °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 53 °F	MAXIMUM 65 °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.								
QA NARRATIVES								
Contractor/Subcontractor & Area of Responsibility for Work:					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								
Work Performed Today:					Unresolved Issue: No		Shift: 1	
Kurt Mintell Water Tank Site and Access Road: Due to asphalt Mill machine not working the KTR is: 1. Sawcutting the 12" overlaps 2. Excavating the material with excavator 3. Hand grading prior to milling, State/Town Roads: 2 State Police directing traffic Install 16" DI pipe from 194+78- 195+36 on 17. Encountered ledge and had to chip out, cut Contractor production by 60%. All ledge replaced with suitable fill, & compacted (fill included in the CLIN. JTC onsite testing each lift every 25LF Pickett Lane 3rd Crew (Quincy Foreman) at Pickett Lane to installing 12" Restrained DI Pipe: 2 flaggers onsite Pay Items: ITEMS: 5: 58 FEET OF 16 INCH TR FLEX: STA 194+78 TO 195+36 11: 16X16X12 TEE: STA 195+26.5 21: 2 16 INCH BUTTERFLY VALVES: STA 195+22 AND 195+30 22: 1 12 INCH GATE VALVE: STA 195+26.5 54: 69.8 CUBIC YARDS OF ROCK EXCAVATION 61: 116 FEET OF STATE SAW CUT QUINCY'S CREW ITEMS: 2: 103 FEET OF 12 INCH PIPE: STA 515+55 TO 516+18 AND 516+38 TO 516+78 6: 180 FEET OF 12 INCH TR FLEX: STA 516+18 TO 516+38 AND 516+78 TO 518+38 22: 1 12 INCH GATE VALVE: STA 518+38 28: 2 1 INCH CORPS: STA 516+90 AND 517+75 62: 566 FEET OF TOWN SAW CUT								

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:

Unresolved Issue: No

Shift: 1

Kurt Mintell

Observed the installation of the 16" Pipe - reminded the QCM Jerry & Jon Pio to ensure no rocks larger the 5" are in the compacted layers of the trench.

Compaction Tests today - Steve (JTC) onsite - noted each lift being tested every 25LF as required in CT Permit.

Review compaction requirements in Pickett Lane. Initial Inspection. Reviewed the Lift thickness, proper material and compaction testing every 500Feet.

Inspection of equipment working at the access road for oil or hydraulic leaks - none identified

Verbal Instructions Given to Contractor:

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

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Kurt Mintell

Water encountered while excavating:

Water on Pickett Lane while excavating on the west side of the stream location.

PR Comments, encounters or issues:

Encounter with Gregario on the access road- he is concerned with the dip at the storm drain and the potential for his car to bottom out.

CT DOT onsite or communication: Steve Wright CT DOT was by the project - informed Ludlow and USACE that they Contractor will be allowed to work on the State Road the day before and after Memorial Day

Reviewed Permit Required Requirements of equipment parked 15' feet off the road. Clean all debris and components form the SROW prior to shift end.

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

Quincy - Foreman on Pickett

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.

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: 2 State Police and cones on 17 - while installing the new water line. 1 Middletown Police for 4 hours on Talcott Ridge, 2 certified flaggers on Pickett Lane.

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. Discuss jobsite Safety Requirements on Picket Lane with new crew installing pipe. REVIEWED TODAY

Inspection of hooks with spring loaded protectors-

noted one not operational - reported to SSHO. he informed me the crews are not using the hooks. LEAVE OPEN and FOLLOW UP

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE