

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 506		Page 1 of 0	
					DATE 07 May 2020 - Thursday			
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? <div style="float: right;"> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain) </div>					24 HOUR PRECIPITATION			
					INCHES 0.00		ENDING M	
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE			
SUPERVISORY 1	OFFICE 0	LAYOUT 0	INSPECTION 2	TOTAL 3	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: 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					Unresolved Issue: No Shift: 1			
Work Performed Today: Kurt Mintell Water Tank Site and Access Road: Continue removing existing soil and replacing with 12" of processed material - grade with dozer and roll. Billy is laying out the final grade elevations and center of road using Julianos stakes- he is pulling measurements from the stakes to determine center of road. State/Town Roads: 2 State Police directing traffic Install 16" DI pipe from 180+52-182+32. No work at Pickett Lane today. 1- Pete from Ludlow to pressurized and tested some more of sections of the water line. Pay Items: 1: 100 FEET OF 16 INCH PIPE:STA 180+52 TO 181+52 5: 80 FEET OF 16 INCH TR FLEX PIPE: STA 181+52 TO 182+32 28: 3 1 INCH CORPS: STA 181+57.5, 181+88.5, 181+73 54: ROCK EXCAVATION: 79.25 CUBIC YARDS : STA 181+03 TO 182+10 55: BANK RUN GRAVEL: 20.66 CUBIC YARDS 61: 360 FEET OF SAW CUT IN STATE ROAD *SIDE NOTE ALSO PRESSURE TESTED FROM LITTLE LANE TO PARSONS WHICH IS STA 141+27 TO 151+ 50 AT 11:44 AM AND IT HELD AT 160 PSI AND DIDN'T DROP AND PASSED AT 1:44 PM.					Unresolved Issue: No Shift: 1			
Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken: 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.								

Noted lack of 3" of sand under a 20' pipe section. This was discussed and resolved with Jon Pio. Spoke with QCM and we are conducting a Follow Up inspection on Monday to review the lift requirements in the State Road.

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

Inspection of Survey transit being used to shoot the grade elevations of the shared access road- Noted model David White LT-85 Manual Leveling transit - Properly set up and leveled. Certified Surveyors stakes were used to lay out the center of road and the elevations were taken from a known point/benchmark at STA21+25.

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 before the weekend

Trench Box Inspections today should not be higher than 24" unless it is in ledge.

Result of inspections:

Noted KTR is using long poles to push up low wires to prevent excavator arms from catching them. Talked with SSHO about the process:

1. Who determines the lines are not energized?
2. Is a spotter needed while working around these wires?
3. After discussing with Jon Pio - the poles are specifically designed to support wires, energized or not.

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:

224 Talcott Ridge resident - minor complaint to Billy about the height of the storm drain related to driving his Corvette.

NO real issue - just for documentation only.

No further emails from Karen Keane.

CT DOT onsite or communication:

NONE today - reviewed Permit Requirements for parking equipment 15 feet off the road, cleaning up the SROW at the end of the shift

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 was onsite providing extra oversight of the contractor.

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. 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.
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.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE