

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 510		Page 1 of 1	
					DATE 11 May 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  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	TO  M	TO  M	TO  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: 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. Road is being graded with grader and roller - noted grade marks on the stakes - grade is 12 inches below the marks  State/Town Roads: 2 State Police directing traffic Install 16" DI pipe from 184+23 - Install 1 inch water corps.  Pickett Lane 3rd Crew (Quincy Foreman) added today with equipment to install 12" Restrained DI Pipe: Initial Inspection of backfill, lift thickness and compaction requirements due to new crew. Compaction Requirements are every 500 feet. Mike Pio onsite for the Initial Inspection. The crew appears to understand the required process. Noted two certified flaggers - one at the intersection of 17 & Pickett - no access. There is a flagger at the intersection of Maiden & Pickett. The flagger is allowing people in and out but advising them not to pass the cones marking the work limit.  1- Middletown Water onsite chlorinating the watermain pipe.  Pay Items: ITEMS: 1: 122 FEET OF 16 INCH PIPE: STA 185+63 TO 186+85  5: 140 FEET OF 16 INCH TR FLEX: STA 184+23 TO 185+63  28: 7 1 INCH CORP: STA 184+28, 184+47, 184+90.5, 185+57, 185+84.5, 186+34.5, 186+42  29: 1 1.5 INCH CORP: STA 184+38  55: 74.33 CUBIC YARDS OF BANK RUN GRAVEL  61: 524 FEET OF STATE SAW CUT								

**QUINCY'S CREW:**

**ITEMS:**

2: 80 FEET OF 12 INCH DUCTILE IRON PIPE: 501+60 TO 502+40

6: 120 FEET OF 12 INCH TR FLEX. STA 501+00 TO 501+60, 502+40 TO 503+00

28: 1 1 INCH CORP: STA 502+97

29: 1 1.5 INCH CORP: STA 502+42

62: 400 FEET OF SAW CUT IN TOWN ROADS

**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

Follow Up inspection on State Road to review the required compacted layers and the testing required.

**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

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. CLOSED- will continue to monitor this.

Review Jobsite Safety Requirements with additional crew added. SSHO

**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 - new Foreman on Pickett

**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:

Inspection of 12" existing storm drain that dumps into the new draining are (216 Talcott) the homeowner is not cleaning out the existing storm drain on his property. The inlet is overgrown and compacted with leaves and debris

CT DOT onsite or communication:

Rollover on 147 - had text communication with Steve Wright just for Situational Awareness.

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

This is reviewed DAILY.

**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.
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.

At the end of the day approx 1530 one of the dump trucks hauling material from an offsite location rolled over on the side of 147. First Responders were onsite along with a suitable wrecker removed the over turned vehicle. The driver indicated he was not injured and refused medical treatment. The truck is owned by a Subcontractor/ Vynalek.

QA REPRESENTATIVE'S SIGNATURE	DATE	RE/PROJECT ENGR'S INITIALS	DATE
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