

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 490		Page 1 of 0	
					DATE 21 Apr 2020 - Tuesday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 50 °F Max 50 °F No Precipitation No Wind			
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND	
STRUCTURAL EXCA- VATION 90 %	BORROW EXCA- VATION 90 %	EMBANKMENT 90 %	CONCRETE 90 %	STRUCTURE 90 %	MINIMUM 50 °F	MAXIMUM 50 °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 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 1500 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: John Turner Consulting - NO Subcontractor Vellieux - Saw cut on 17 - 1 worker Middletown Police - State Police -								
Work Performed Today:					Unresolved Issue: No		Shift: 1	
Kurt Mintell Water Tank Site and Access Road: Install Rip Rap Apron by Barones Driveway at approx 14+37, noted existing electrical wires encountered. KTR excavated carefully around wires - no issues. Noted small amount of water in the trench. KTR is using a transit and satellite surveying equipment for pipe elevations. State/Town Roads: 3 State onsite. KTR excavating from 163 +19 heading south in front of the Valero gas station. One line on 147 is closed. Noted small amount of water in the trench being pumped out and running down the road into storm drains protected with silt socks Install pipe section with 2 - 16 inch butterfly valve, 1 -1616x8 TEE (for hydrant on 147) and 1 8"gate valve. JTC onsite conducting compaction tests. Contractor had a problem with the bucket on the large excavator - this caused approx an hour delay. KTR parked the large excavator and completed the back fill with smaller excavator that was already onsite								
Pay Items: 1. 8" Restrained Pipe - NA 2. Fire Hydrant Assembly - NA 3. Police - 3 State Police 4. Illuminated Signs - yes 5. Sawcut Town Roads - NA 6. Sawcut State Roads - 200LF 7. 16" Restrained Pipe - 100 LF 163+19-164+19 8. Silt Fence - NA 9. Ledge Removal - None encountered today 10. Trailer cleaned - N 11. 8 inch Gate Valve - 1 at STA164+19 12. Bank Run Gravel- 42.55 13. 16 inch Butterfly Valve - 2 164+11 164+19 15. 6" restrained into Manual Drain - 10'6"								
Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:					Unresolved Issue: No		Shift: 2	
Kurt Mintell 1. Agreed 24 inches the minimum placement of fire hydrants from the roadside of curb or edge of road where there is no								

curb. This was discussed with Jon Pio. Sheet C502 shows proper placement of the with curb only. THIS WILL CONTINUE TO BE TRACKED

2. Tanks site trench - there is rocky material coming being excavated - reviewed requirement with Jerry (QCM) and Billy Decruz (Ludlow Foreman) that anything larger then 5 inches should not be put back into the trench when backfilling. CONTINUE TRACKING

3.

Verbal Instructions Given to Contractor:

Unresolved Issue: No

Shift: 1

Kurt Mintell Ensure all silt fences and sediment controls are in place prior to upcoming rain event - had this conversation with Rob Peddicord.

Schedule SWPP inspection tomorrow after rain event.

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Kurt Mintell Water encountered while excavating:
Some water in trench in front of Valero gas station
Water in draining trench on access while installing rip rap apron

PR Comments, encounters or issues:

1. Coordinate with Mike Cunningham to meet with the Purcells (by the Meter Vault) to inspect damage from working outside of the construction limit. Due to weather the meeting with Mr. Purcell will be tomorrow.

2. Met "Gary" resident at 1363 Oak Street. A fire hydrant was placed in the ROW in front of his yard. He was grading around the hydrant, he was not pleased with the mess around the hydrant. I talked with Jon Pio & Mike Cunningham and we agreed Ludlow would rake around hydrants and leave them cleaner.

CT DOT onsite or communication: Steve onsite - directed Ludlow to install HMA in 1 4 inch lift due to weather and traffic back ups

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Kurt Mintell Jerry - QC
Rob P - SSHO
John Pio - Superintendent
Mike Pio - NO
USACE - KM
AECOM - Joel onsite
JTC - NONE today
Mike Cunningham

Ludlow has:
2 Foremen
3 truck drivers , 5 operators + 1 Sub Truck driver Vynak =9 skilled
7 laborers + 1 saw cutter (Vallieux)= 8 laborers

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.

DISCUSSED DAILY

1. Use of proper PPE while cutting Steel pipe with cut off saw.
2. Traffic Control - proper cone usage & signage for working on the road
3. Increased situational awareness while working around heavy equipment, and while allowing residents to use the shared driveway while under construction - there has been no issues with residents on the shared access drive
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.

0900 Safety Inspection conducted onsite:

1. PPE is being worn
2. Three State Police at intersection with cones (17S & 147)
3. Observed trench box as required
4. Rigging used to move pipe in good condition
5. Contractor moving pipe on 17 with Loader - Ludlow vehicles with flashers in front to alert oncoming traffic.
6. Workers making effort to wear masks while working.

At approx. 1100 I noticed trench box on 17 sticking out of the trench approx.. 42 " and off the bottom of the trench approx 3-4 feet - not far enough in the trench. I had a conversation with SSHO Rob Peddicord. He was initially argumentative. I stated I did not want anyone in the trench unless the trench box was less the 24" from the bottom.

Jon Pio removed the trench box and placed a smaller one in the trench - this resolved the issue.

KTR lost approx. 1/2 hour of production.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE