

<b>QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 489		Page 1 of 0		
					DATE 20 Apr 2020 - Monday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 46 °F Max 50 °F No Precipitation No Wind				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND		
STRUCTURAL EXCA- VATION	BORROW EXCA- VATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
100 %	100 %	100 %	100 %	100 %	46 °F	50 °F	0 MPH		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					<input checked="" type="checkbox"/> NO		24 HOUR PRECIPITATION		
					<input type="checkbox"/> YES (Explain)		INCHES	ENDING	
					0.00		NA M		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
0	0	0	2	2	0	0.0	M		
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS					
				<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3					
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
4	11	7	22	0700	1530 M	M	M	M	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: John Turner Consulting - NO Subcontractor Vellieux - Saw cut on 17 - 1 worker Middletown Police - State Police - Licensed Surveyors - surveyors									
<b>Work Performed Today:</b>					Unresolved Issue: No		Shift: 1		
Kurt Mintell Water Tank Site and Access Road: Install drainage pad - noted water & mud, KTR is excavating the material and replacing with gravel, per Ludlow foreman the rip rap will be placed on top of the gravel pad. This is identified as a RIP RAP Apron identified on Plan Page C3. Installed the rip rap apron first at approx. .375.90 elevation. This is for the catch basin that will be installed at approx. STA 14.40.									
Noted 2 Surveyors from Julianos taking survey shots along the shared access road to the water tank									
State/Town Roads: 2 State POLICE onsite install 16 inch water main and butterfly valves for the pressure reducing vault. Noted KTR pumping water from the trench into storm drain protected by a sock. KTR installed 10 pieces of 16 inch restrained, 1- 24 inch piece 1 BV valve 16" & 1 TEE Noted JTC onsite conducting compaction testing as required									
Pay Items: 1. 8" Restrained Pipe - 0 2. Fire Hydrant Assembly - 0 3. Police - 2 State Police 4. Illuminated Signs - yes 5. Sawcut Town Roads - Feet 6. Sawcut State Roads - 404 LF from 161+17-163+19 7. 16" Restrained Pipe - 202 LF from 161+17-163+19 8. 20 inch pipe at access road - COMPLETE FOR NOW 9. 20 inch pipe Restrained - COMPLETE FOR NOW 10. Silt Fence - NONE installed today - note the 10. Ledge Removal - None encountered today 11. Trailer cleaned - N 12. 8 inch Gate Valve -N 13. Bank Run Gravel- 28.65 CD 14. Butterfly Valve 16" - 161+5515. 15. 16X16x16 TEE 161+55 16. 1" Water Corporation - 162+10 , 162+21.5, 612+69, 162+79.5									
<b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b>					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. KEEP OPEN  
 2. Tanks site trench - there is rocky material coming being excavated - reviewed requirement with Jerry (QCM) and Billy Decruz (Ludlow Foreman) that anything larger than 5 inches should not be put back into the trench when backfilling. KEEP OPEN  
 3. Silt fence installed at the meter site is not back filled properly - KTR informed me would be done today

**Verbal Instructions Given to Contractor:**

Unresolved Issue: No Shift: 1

Kurt Mintell Noted silt fence at the shared access road needing repair, notified QC - silt fence still working as functioning.  
 Noted storm drain sock falling on at STA160+35 - let Rob Peddicord. he told me it would be repaired today.  
 Noted curb damage at STA160+35

**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 - YES  
 Mike Cunningham  
 Billy Da Cruz

Ludlow has:  
 2 Foremen  
 4 truck drivers , 4 operators  
 7 laborers  
 2 Surveyors

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No Shift: 1

Kurt Mintell Water encountered while excavating:  
 Water at drainage site shared access road.  
 Water in trench at 17 STA 162 +00. KTR pumped out the water into storm drain with sock

PR Comments, encounters or issue:  
 inspection of Purcell property at meter vault site. Noted some tire tracks on the corner of the lot.

CT DOT onsite or communication: None today

**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. Noted proper PPE while cutting Steel pipe with cut off saw. REVIEW DAILY
2. Traffic Control - proper cone usage & signage for working on the road DAILY
3. Discussed 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.
6. Traffic Control Excavation on 17 -2 State Police out of vehicles directing.

No Safety Issues noted today

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