

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 496		Page 1 of 0		
					DATE 27 Apr 2020 - Monday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 41 °F Max 48 °F 0.25 IN 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 %	41 °F	48 °F	0 MPH		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					24 HOUR PRECIPITATION				
					INCHES		ENDING		
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					0.25		1700 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
5	9	8	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.									
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 - YES Subcontractor Vellieux - NO sawcutting today Middletown Police - NONE today State Police - 2 on 17									
Work Performed Today:					Unresolved Issue: No		Shift: 1		
Kurt Mintell Water Tank Site and Access Road: Install new draining tied into catch basin for 224 Talcott Ridge. Eight inch corrugated pipe was used. Continue installing Reinforced Concrete Pipe for the drainage system in the access road. State/Town Roads: 2 State Police onsite for work on 17 in Durham State Road 1- 167+13-169+35 Install 16 inch pipe, restrained and DI Install 4 - 1" water corporations JTC onsite conducting compaction testing									
Pay Items: 1. 8" Restrained Pipe - NA 2. Fire Hydrant Assembly - NA 3. Police - 2 flaggers/ State Police 4. Illuminated Signs - yes 5. Sawcut Town Roads - Feet 6. Sawcut State Roads - 444 LF- 7. 16" DI Pipe - 168+35-169+35 =100 LF 8. 20 inch pipe at access road - NA 9. 20 inch pipe Restrained - NA 10. Silt Fence - NONE 10. Ledge Removal - None encountered today 11. Trailer cleaned - N 12. 8 inch Gate Valve - NA 13. Bank Run Gravel- 31.49 CY 14. 16" Restrained = 167+13-168+35 = 122LF 15. 1" Water Corp - 4 @ 167+13,168+2.5, 168+81,169+22.5 CLIN 87 - reroute water service for 224 Talcott, install drainage.									
Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:					Unresolved Issue: No		Shift: 1		
Kurt Mintell 1. 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. Review DAILY - discussed with Jerry QCM. REVIEW THIS DAILY 2. Compaction testing requirements every 25 feet on state road. REVIEW DAILY									

3. Compacted layers on State road backfill requirements on state - reviewed requirements of lifts REVIEW DAILY

TODAY:

1. SWPP Requirements after rainfall event - inspect all silt and sediment controls, make necessary repairs and document on the SWPP template.

Verbal Instructions Given to Contractor:

Unresolved Issue: No

Shift: 1

Kurt Mintell 1. Ensure crews & QC are inspecting and correcting sediment controls around work areas daily. Including Storm drains and silt fence. There is some rain today - ensure no damaged silt fence prior to leaving for the weekend.

2. Ensure an escort vehicle with flashers is used when moving 20' sections of pipe on roads - given to Rob Peddicord at 0715

3. Review Confined Space Requirements and Compliance in the EM 385

4. Remind Jon Pio - NO material deliveries in the laydown area before 0700. NEW as of 4/28/2020 - REMIND DAILY

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 today

Mike Cunningham

Ludlow has:

2 Foremen

3 truck drivers , 5 operators + 1 Sub Truck driver Vylnak =9 skilled

7 laborers +

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Kurt Mintell Water encountered while excavating: approx water encountered in the trench on 17

PR Comments, encounters or issues:

CT DOT onsite or communication: CTDOT to oversee the HMA at the end of the day.

SWPP related inspections or comments related to SWPP enforcement:

1. Inspection of sediment controls done by CQC after rain event.

2. While installing pipe on 17 I noticed a storm drain with no silt sock at approx. STA 169+00. I notified Jon Pio, he assured me it would be installed ASAP. Noted that while it is where they are working there was not silt or water entering the drain.

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 with SSHO

1. Noted proper PPE while cutting Steel pipe with cut off saw.

2. Traffic Control - proper cone usage & signage for working on the road

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

TODAY ISSUES today:

1. Requirement for an escort vehicle to be used when moving 20' sections of pipe on the road- I noted loader moving pipe at 0715 without an escort- the contractor is working very close by and the drive is short- I still notified the SSHO the pipe moving has to be done with an escort.

2. While installing the 8 inch corrugated drain from 224 at the Access road- one of the workers entered the installed catch basin two times, the worker was directed to get out of the catch basin by B.Christie, and myself - I called the SSHO and discussed this with him. I directed review the confined space requirements in The EM385 and in the Ludlow APP , to prevent any further issues involving Confined Space.

QA DEFICIENCY (Describe QA Deficiency items issued, verify QA Deficiency items reported corrected by contractor)

The following QA Deficiency items were issued today:

QA Deficiency Item	Location	Description	Status
QA-00003	Tank site	Observed a Ludlow employee working at the tank access road enter a catch basin which is a confined space. I told the foreman Billy to get the employee out. A few minutes later I witnessed the employee back in the catch basin. I then directed the employee out of the hole myself. UASCE Kurt then called the SSHO Rob to inform him of what had happened and told Rob to go over confined space with the crew. Both times the employee entered the catch basin it was witnessed by USACE Bob and Kurt that the employee's body was fully in the catch basin.	QA Reissued

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE