

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 498		Page 1 of 1	
					DATE 29 Apr 2020 - Wednesday			
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 0 %	BORROW EXCA- VATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %	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 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	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: John Turner Consulting - YES Subcontractor Vellieux - NO sawcutting today Middletown Police - NONE today State Police - 2 on 17					Unresolved Issue: No Shift: 1			
Work Performed Today: Kurt Mintell Water Tank Site and Access Road: Maintenance of silt fence State Road Crew 1: 2 State Police onsite for work on 17 in Durham - install 16 inch pipe starting at 172+40 - Contractor encountered ledge that needed to be chipped out from STA173+43 -174+23, KRT used excavator with mounted chipping hammer to remove the ledge. This rocky material needs to be replaced with suitable material to meet the compaction requirements, Discussed vibration Monitoring Vibration requirements, per Jon Pio , they are using the same equipment they used last year when conducted their Vibration Monitor baseline test. JTC onsite conducting compaction testing every 25 feet. State Road Crew 2 - Paving trench with a paver - the paving looks good, noted the fog line is covered where the paving occurred. Spread loam and grass seeds in State Right of Way where grass was damaged (ie in front of Compass Powder Coating) . Ludlow brought a paver today for the trench repairs. State Police x2 & 2 Middletown in the AM State Police x4 when working all in Durham.					Unresolved Issue: No Shift: 1			
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 - 366 LF STA 172+40-174=23 7. 16" DI Pipe- 183 LF STA 172+40-174=23 8. 20 inch pipe at access road - NA 9. 20 inch pipe Restrained - NA 10. Silt Fence - NONE 10. Ledge Removal - YES at STA 173+43 - 174+23 =49 CY 11. Trailer cleaned - YES 12. 8 inch Gate Valve - 173+75 for hydrant 13. Bank Run Gravel=51.91, higher then usual amount due to ledge encountered and unsuitable materials replaced , However the Suitable Material is included in CLIN #54 so the QTY # is incorrect and will need to be adjusted. 14. 16" Restrained = NA 15. 1" Water Corp =3 172+77,173+18 174+07								

16. 16 inch Butterfly Valve=1 173+70.5
17. 16x16x8 TEE 173+75 HYDRANT
CLIN 87 -

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 than 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. Noted KTR chipping out ledge at STA 173+43 and removing from site. This material needed to be replaced with new material, the new material is included in CLIN 0054 and should not be paid under another CLIN

2. Noted KTR making repairs to silt fence at the Tank Site

3. Noted KTR conducting compaction testing every 25 LF.

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.

2. Ensure an escort vehicle with flashers is used when moving 20' sections of pipe on roads DAILY Reminder

3. Review Confined Space Requirements and Compliance in the EM 385 DAILY, this will be closed next week

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

Noted some HMA spilled in the North Bound land - directed KTR to sweep and remove the material immediately as traffic was passing through the spilled material - this was resolved.

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Kurt Mintell Water encountered while excavating: NONE encountered today

PR Comments, encounters or issues: Email for Karen Keane about noise from trucks - USACE comment, the KTR is not doing any work or starting any equipment prior to 0700.

Loam placed in front of Compass Powder Coating and along State ROW.

CT DOT onsite or communication: Noted fog line covered where KTR paved over trench

SWPP related inspections or comments related to SWPP enforcement:

1. Open deficiency needs to be resolved for silt fence needing repair at the tank site. CLOSED Deficiency, will continue to monitor

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 BC

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

Additional operator for the paving machine

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.

Other than daily Safety Requirement Reviews there were no safety issues today.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE