

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 484		Page 1 of 1	
					DATE 15 Apr 2020 - Wednesday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 44 °F Max 55 °F 0.10 IN 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 44 °F	MAXIMUM 55 °F	0 MPH	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT? <div style="text-align: right;"><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)</div>					24 HOUR PRECIPITATION			
					INCHES 0.10		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 5	SKILLED 9	LABORERS 8	TOTAL 22	FROM 0700	TO 1530 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 - NO Subcontractor Vellieux - Saw cut on 17 - 1 worker Middletown Police - 2 State Police -2					Unresolved Issue: No Shift: 1			
Work Performed Today: Kurt Mintell Water Tank Site and Access Road: Install 20 inch pipe along shared access drive heading towards the water tank. Excavation is past the driveway intersection and heading up the hill toward the tank site. Noted a sump installed to allow the trench to be pumped prior to excavation. At approx 1400 Contractor encountered ledge in the excavation area- they will begin using CLIN #54 Rock & Boulder EXCV.&Replace w/Suitable Fill Material tomorrow to remove the ledge. State/Town Roads: POLICE onsite Excavating at the meter vault location approx 125+20. KTR tied into exiting 16" water main in the N bound lane of 17 heading toward the meter vault, excavation stopped at the curb. Contractor removed equipment and installed silt fence as shown on the drawings Install fire hydrant assembly at 118+98 (In front of Compass Powder Coating) Green Top hydrant in Middletown. Jon Pio stated he was moving the hydrant back a "couple of feet" in response to the fire department complaint if the hydrants being too close to the road. I informed him this was not part of the spec and additional cost would not be the responsibility of the government. He understood. it was discovered after the installation the hydrant is placed too close to the road. The hydrant may need to be move as it is 16" from the road edge instead of the 24" per spec. I did note extra effort by the contractor to accommodate the fire department. 2 Middletown Police on 17 Sawcut on 17 - 2 State Police and saw cut truck. Noted sweeper keeping the rod clear of slurry and debris from saw cutting.					Unresolved Issue: No Shift: 1			
Pay Items: 1. 8" Restrained Pipe - 0 2. Fire Hydrant Assembly - 1 STA 118+97 3. Police - 2 Middletown Police & 2 State Police 4. Illuminated Signs - yes 5. Sawcut Town Roads - 0 Feet 6. Sawcut State Roads - 32 LF 125+20-118+97 7. 16" Restrained Pipe - 20 LF @ STA 125+20 8. 20 inch pipe at access road - 137' LF included in Water Tank CLIN 87 @ STA 14+08-STA 12+77 9. 20 inch pipe Restrained - 60 LF included in Water Tank CLIN 87 @ STA 14 +26 -14+08 & STA 12+77-12+52 10. Silt Fence - installed at Meter Vault- NEED QTY 10. Ledge Removal - None encountered today 11. Trailer cleaned - NO								

12. 8 inch Gate Valve - NONE TODAY

13. Bank Run Gravel= 10.92 CD

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:

Unresolved Issue: No

Shift: 1

Kurt Mintell

KTR to provide verification CBYD log of electrical utilities forcing hydrant closer to the road

EPP & SWPP review at the meter vault STA 125 - KTR did not install silt fence, discussed with Jon Pio & Rob Peddicord, the silt fence will be installed today

SWPP Inspection needed - NONE today

Fire hydrant installation at approx 19+00

1. Verified proper color for Middletown - green

2. Proper back fill & methods

3. Distance form the road - Contractors installed closer then 24" from road edge - will correct tomorrow.

I requested from QCM to review the requirements in the drawings C502 for the distance from the curb is 24 inches, comments by Durham fire department created some confusion of hydrant placement

Verbal Instructions Given to Contractor:

Unresolved Issue: No

Shift: 1

Kurt Mintell 1. Ensure storm drains are covered & protected per the SWPP - phone call to John Pio - he informed me that some of the storm drain covers may not come off due to being bent - when this is encountered, he wants to cover with fabric and gravel. This would be removed at the end of the shift.

2. Ensure State Right of Way is being repaired of equipment ruts and any other construction debris. Jerry B

3. All road signs removed from work areas and put away properly at the end of shift. Jerry B

4. Noted KTR setting up to excavate at the Meter Vault at 125+20 - Directed the SSHO & QC to ensure the sediment controls & silt fence are installed as shown on the drawings - PAGE C-11 Lower left corner.

Had brief conversation with Mike Pio concerning the required CT Registered Surveyor - Per MP, Ludlow is using Julianos Surveying to lay out the major components of the system. Julianos did the layout for the tank site and access road last season

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Kurt Mintell Water encountered while excavating:

PR Comments, encounters or issues:

NONE today

CT DOT onsite or communication: None today

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

2. Traffic Control SAWCUT - 2 State Police

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. The trench is getting shallower as the excavation continues up the hill toward the tank site. Trench Box requirements will change - discussed with the SSHO, he is reviewing the requirements and will discuss at tomorrow Safety Meeting. EM385 25.A.01 paragraph b. states less then 5 feet the excavation trenching plan is optional

6. Traffic Control Excavation on 17 - 2 Middletown Police

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-00002	Fire Hydrant	The fire hydrant placed at station 118+90 was placed 16" from the edge of the road. It's required to be 2 feet. I verified the measurement with Jon and he agreed it was to close to the road. Jon is planning on moving it back off the road further tomorrow.	QA Concurrs Corrected

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE