

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 483		Page 1 of 0			
					DATE 14 Apr 2020 - Tuesday					
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002					
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 48 °F Max 52 °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 %	48 °F	52 °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			
NUMBER OF GOVERNMENT EMPLOYEES SUPERVISORY OFFICE LAYOUT INSPECTION TOTAL LABOR 0 0 0 2 2 0					RIVER STAGE					
					FEET		TIME			
NUMBER OF CONTRACTOR'S EMPLOYEES					NUMBER OF SHIFTS					
SUPERVISORY SKILLED LABORERS TOTAL 5 9 8 22					FROM TO		FROM TO		FROM TO	
					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: Connecticut Traffic Control - 0 Subcontractor: John Turner Consulting - YES Subcontractor Vellieux - Saw cut on 17 - 1 worker Middletown Police - x2 State Police -2										
Work Performed Today:					Unresolved Issue: No		Shift: 1			
Kurt Mintell Water Tank Site and Access Road: Install 20 inch pipe along shared access drive heading towards the water tank. Worked from STA15+17 -14+12 Installed 29.5 LF of Restrained 20" Pipe & 61 LF of 20 DI pipe Install fire hydrant assembly @ STA14+70 State/Town Roads: 2 Middletown Police directing traffic Excavate & Install 8 inch restrained at STA 751 - 750 JTC onsite - 1 tester conducting Compaction Tests 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. Pay Items: 1. 8" Restrained Pipe - 100 LF from STA 751+45-750+45.5 2. Fire Hydrant Assembly - 0 3. Police - 2 Middletown Police & 2State Police 4. Illuminated Signs - yes 5. Sawcut Town Roads - 0 Feet 6. Sawcut State Roads - 100 Feet - pipe along edge of road - only cut ones side, excavated along curb line 7. 16" Restrained Pipe - 0 8. 20 inch pipe at access road - 91 LF included in Water Tank CLIN87 STA15+17-14+26 9. 20 inch pipe Restrained - NA 10. Ledge Removal - None encountered today 11. Trailer cleaned - YES 12. 8 inch Gate Valve -1 @750+45.4 13. Bank Run Gravel- 35.46 CD 14. Fire Hydrant 14+70 14. 8x8x8MJ TEE- 1 @ 750+42.5										
Work Performed Today:					Unresolved Issue: No		Shift: 2			
Robert Christie One person from Veillux and one Ludlow employee were saw cutting was on rte 17 heading South cutting the asphalt.										
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

After rain event inspection of sediment controls conducted. SWPP Inspection Template filled out & included in CQR.

Noted on Access road heading toward the tank site:

1. KTR placed trench box on the silt fence. This is being repaired today. Discussion with Jon Pio, Jerry CQC & Rob SSHO to be more cautious while working around the sediment control.
 2. Some areas of silt fence needing to be repaired - fence is still functioning as designed.
 3. Observed Storm drain on 17 where excavation is taking place properly protected with silt sock
- NOTE - Contractor made repairs to the silt fence where identified by 1400.

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken: Unresolved Issue: No Shift: 2

Robert Christie

Observed one employee from Veilleux and one Ludlow employee working on rte 17 saw cutting the asphalt before Ludlow begins installing the new water line. All safety precautions were taken during the cutting operations. Safety cones were out and 2 State Police officers were onsite for traffic control.

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. Schedule a SWPP inspection tomorrow after the rain event documented on the proper template.
 5. Requested CQC provide and install a rain gage as required by the SWPP.

Miscellaneous Remarks and Visitors to Project: Unresolved Issue: No Shift: 1

Kurt Mintell Water encountered while excavating:

Water was encountered on 17 while excavating at STA752+30 -752+10. Contractor installed a sump pump at this location yesterday and was able to pump water from the trench prior to excavating. Small amount of water in trench across from Talcott.

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 - YES - compaction testing on 17
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.

Daily Safety Inspections:

1. Noted proper PPE while cutting Steel pipe with cut off saw.
2. 2 State Police and cones on 17 - while saw cutting.
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.
7. Noted- some spillage on Commerce Drive, some gravel & rocks. Notified SSHO. Jon Pio contacted me approx. 20 min later to inform me this was cleaned up
6. Traffic Control on 17 - 2 Middletown Police and 1 State Police onsite.

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-00001	Royal Oak Dr	The Hydrant was installed to close to the street. The specifications call for it to be 2 feet from the outside of the curb. The hydrant is currently only about 16 inches from the outside of the curb. There are electrical and cable/phone lines behind the hydrant. USACE and contractor will discuss if it can be moved back.	QA Concurrs Corrected

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE