

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 479		Page 1 of 0	
					DATE 10 Apr 2020 - Friday			
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	WIND  0 MPH	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					<input checked="" type="checkbox"/> NO			
					<input type="checkbox"/> YES (Explain)			
NUMBER OF GOVERNMENT EMPLOYEES					24 HOUR PRECIPITATION			
SUPERVISORY  0	OFFICE  0	LAYOUT  0	INSPECTION  1	TOTAL  1	LABOR  0	INCHES  0.00		ENDING  M
NUMBER OF CONTRACTOR'S EMPLOYEES					RIVER STAGE			
SUPERVISORY  0	OFFICE  0	LAYOUT  0	INSPECTION  1	TOTAL  1	LABOR  0	FEET  0.0		TIME  M
NUMBER OF CONTRACTOR'S EMPLOYEES					NUMBER OF SHIFTS			
SUPERVISORY  6	SKILLED  10	LABORERS  7	TOTAL  23	FROM  0700	TO  1500 M	FROM  M	TO  M	FROM  M
					TO  M	FROM  M	TO  M	FROM  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: Connecticut Traffic Control - 0 Subcontractor: John Turner Consulting - YES Subcontractor Vellieux - Saw cut on 17 - 1 worker & 1 State Police Middletown Police - x2 State Police -1								
<b>Work Performed Today:</b>					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. Install from STA 16+65-15+17 John Turner onsite for compaction test @15+84  State/Town Roads: 3 Middletown Police directing traffic Excavate & Install 8 inch restrained at intersection of 17 and Talcott Ridge Road JTC conducted compaction tests @ STA 100+20 Sawcut on 17 - 1 State Police and saw cut truck. Noted sweeper keeping the road clear of slurry and debris from saw cutting.								
Pay Items: 1. 8" Restrained Pipe - 64.5 LF STA 52+10-751+45 2. Fire Hydrant Assembly - 0 3. Police - 3 Middletown Police & 1 State Police 4. Illuminated Signs - yes 5. Sawcut Town Roads - 0 Feet 6. Sawcut State Roads - 129 Feet 7. 16" Restrained Pipe - 0 8. 20 inch pipe at access road - 59 LF included in Water Tank CLIN87 9. 20 inch pipe Restrained - NA 10. Ledge Removal - None encountered today 11. Trailer cleaned - no today 12. 8 inch Gate Valve - 13. Bank Run Gravel- 45.74 14. Manual Drain Assembly - 0								
<b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b>					Unresolved Issue: No		Shift: 1	
Kurt Mintell Discussed the fire hydrant on Royal Oak 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.								
<b>Verbal Instructions Given to Contractor:</b>					Unresolved Issue: No		Shift: 1	

- Kurt Mintell 1. Ensure storm drains are covered & protected per the SWPP - phone call to John Pio  
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

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 - onsite

USACE - KM

AECOM - Joel was onsite providing extra oversight of the contractor.

Steve Sturges - YES

1 saw cutter

Mike Cunningham

Ludlow has:

4 drivers

5 operators

7 laborers

1 saw cutter (Vallieux) sub

JTurner - 1 tester

**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. 1 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.

6. Traffic Control on 17 - 2 Middletown Police and 1 State Police onsite.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE