

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 561		Page 1 of 0		
					DATE 01 Jul 2020 - Wednesday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 63 °F Max 81 °F 0.15 IN Precipitation 12 MPH 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  63 °F	MAXIMUM  81 °F	12 MPH		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					24 HOUR PRECIPITATION				
					INCHES  0.15		ENDING  M		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY  1	OFFICE  0	LAYOUT  0	INSPECTION  1	TOTAL  2	LABOR  0	FEET  0.0		TIME  M	
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS					
SUPERVISORY  0	SKILLED  0	LABORERS  0	TOTAL  0	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.									
<b>QA NARRATIVES</b>									
<b>Contractor/Subcontractor &amp; Area of Responsibility for Work:</b>					Unresolved Issue: No      Shift: 1				
Robert Christie 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 - Compaction testing Subcontractor - NY-CONN - Repairing of the traffic loops Subcontractor - Veilleux Concrete cutting - Saw cutting									
<b>Work Performed Today:</b>					Unresolved Issue: No      Shift: 1				
Robert Christie Billy's Crew: Preparing the base for the water tank: Installed and compacted structural fill in the from 437.00 to 439.00. Each lift was 8". Compacted with a 15ton roller and took compaction tests each lift.  John's Crew: 2 - Certified Flagger Dug a test pit to locate the existing electrical services and water main. They also shifted the temporary water diversion to the opposite side of the stream to allow them to install the other section of the 36" pipe under the stream. Test pit for locating the services was 21.18 Cubic Yards: (11X4X6, 11X7X4)									
Pay Items: 1. Police - 0 State Police 2. Flaggers - 3 3. Illuminated Signs - yes 4. Test Pit - 21.18 Cubic yards									
<b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b>					Unresolved Issue: No      Shift: 1				
Robert Christie John's crew: Follow up inspection of the stream crossing. Today dug a test pit to located the existing water main and electrical services.  Drove by the storage during my shift. Observation made both times was no material was spilled on the ground and no damage to asphalt. The catch basin did have sediment control fabric in it and did not appear to be clogged.  Follow up inspection of Billy's crew prepping the water tower site for the installation of the water tank. They installed the structural material for the base of the water tank. Each lift was per the specifications of 8" and compaction testes were taken each lift. Steve from JTC was onsite taking the required compaction tests.									
<b>Verbal Instructions Given to Contractor:</b>					Unresolved Issue: No      Shift: 1				
Robert Christie Verbally instructed Mike Pio to make the corrections needed to avoid anymore turbidity in the stream crossing. Mike said he's a dewatering tank before they install the second section of pipe in the stream.									

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No

Shift: 1

Robert Christie  
Jerry - QC  
Rob P - SSHO  
John Pio - Superintendent  
Mike Pio - onsite  
USACE - Kurt Mintell  
AECOM - Joel was onsite providing extra oversight of the contractor. Billy was also onsite today.  
Mike Cunningham  
JTC Consulting

USACE - Lisa Belisle was onsite today.

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No

Shift: 1

Robert Christie  
Water encountered while excavating:  
No trench work was performed today.

PR Comments, encounters or issues:  
None to report.

CT DOT onsite or communication:  
None to report.

**Safety:**

Unresolved Issue: No

Shift: 1

Robert Christie  
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. Discussed situational awareness while working around heavy equipment, and while allowing residents to use the shared driveway while under construction
3. Situational awareness not to work in close proximity to each other (COVID PREVENTION)
4. Trench box being used for all excavations while working in trench.

**QA VERIFICATIONS**

(Verification of QC requirements reported completed by the Contractor)

**The following QC Requirement(s) were verified today:**

Requirement #		Results
CT-00174	Compaction Tests were taken on the Gravel Lifts at the tank Site:	Awaiting Results
CT-00175	Pressure Test was taken at 153 Main Street: Tested at 150 PSI. Test was Good.	Awaiting Results
CT-00176	Chlorine Test were taken from 157+56 to 209+15:	Awaiting Results
CT-00177	Compaction Test on the Gravel Fill:	Awaiting Results
CT-00178	Compaction Tests at Water Tank:	Awaiting Results

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE