

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 560		Page 1 of 0		
					DATE 30 Jun 2020 - Tuesday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 64 °F Max 74 °F 0.02 IN Precipitation 9 MPH Wind				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND		
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
0 %	0 %	0 %	0 %	0 %	64 °F	74 °F	9 MPH		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0.02		M		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
0	0	0	2	2	0	0.0	M		
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS					
				<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3					
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
0	0	0	0	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				
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									
Work Performed Today:					Unresolved Issue: No Shift: 1				
Robert Christie Billy's Crew: Preparing the base for the water tank: Installed and compacted and took compaction tests of the structural backfill for the base of the water tank from elevation 435.0 to 437.0. The first lift was 12" followed by a 8" and finally a 4" lift to elevation 437.0. Each lift was rolled with a 15 ton roller. John's Crew: 1 - Certified Flagger Stream crossing on Pickett lane: Installed 1 section of the 36" pipe on half of the stream crossing. Quincy's Crew: 2- Certified Flaggers Pickett lane: Installed 60 Feet of 8" Restrained pipe at station 529+57. This is the water service for the high school. Pete from Ludlow pressure tested the hydrant assembly on Mill Pond lane that was installed last Friday. The test was performed for two hours and passed. Pay Items: 1. Police - 0 State Police 2. Flaggers - 3 3. Illuminated Signs - yes 4. Sawcut Town Roads - 54 Feet 5. 8" Restrained Pipe - 60 Feet 6. Cleaned Office Trailer - Yes									
Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:					Unresolved Issue: No Shift: 1				
Robert Christie Quincy's crew: Follow up inspection of the installation of the 8" pipe being installed for the water service to the high school. No water was observed in the trench today. John's crew: Follow up inspection of the installation of the 36" pipe in the stream crossing that will in case the 12" water line. Turbidity was observed and after speaking to the contractor about it they will be getting a dewatering tank before anymore pipe is installed.									

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. There was a discrepancy on the height of the lifts that was worked out with Kurt, Joel, Rich and myself. Even though they are only required to perform two compaction tests per lift Ludlow is taking four. Steve from JTC was onsite taking the required compaction tests.

Verbal Instructions Given to Contractor:

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.

Mike Cunningham

JTC Consulting

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No Shift: 1

Robert Christie

Water encountered while excavating:

No water was encountered in the trench's today.

PR Comments, encounters or issues:

Observed some turbidity in the stream crossing this morning for about 1 1/2 hours while installing the 36" pipe. Kurt spoke to Ed and told him that we had spoken to Mike Pio about it and corrective actions will be put in place by getting a dewatering tank before they install anymore pipe. Ed was ok with letting them finish installing this section of pipe since they were only about 30 minutes away from finishing.

Had an issue with the structural fill being installed for the water tank. The specifications call for the material to be placed in 8" lifts. After speaking with Mike Pio we found out that if they were to put the first lift in from 435 to 435.8 the test rod would penetrate the native material causing a bad reading. He did then proceed with 8" lifts following the first lift of 12". We followed up this with Rich from AECOM and he was ok with doing this if the compaction results were above the required 95%. He told Rich that even though they are only required to take 2 compaction tests they are taking 4 per lift.

CT DOT onsite or communication:

Steve Wright called me once the rain began and I told him we don't have any crews working on state roads today.

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-00169	Com Tests on 17 and 68:	Awaiting Results
CT-00170	Tests were taken on 17, 68 and Water Tank Area:	Awaiting Results
CT-00171	Pressure Tests were done on Rt 17 and 68: Tests passed.	Awaiting Results
CT-00172	Chlorine was added to Water Line on Rt 17:	Awaiting Results
CT-00173	An inspection of the silt fence occurred today for the rain event over the weekend.	Awaiting Results

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE