

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 545		Page 1 of 0	
					DATE 15 Jun 2020 - Monday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 53 °F Max 73 °F No Precipitation 10 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 53 °F	MAXIMUM 73 °F	10 MPH	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					24 HOUR PRECIPITATION			
					INCHES 0.00		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 0	SKILLED 0	LABORERS 0	TOTAL 0	FROM 0700	TO 1530 M	FROM M	TO M	FROM M
				TO 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:					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: 2- State police directing traffic Installed 3 - 1" curb stops in Durham on route 17 at stations 148+60, 150+22 and 148+04. John's Crew: 2 - State Police directing traffic Installed 140 Feet of 12" Non-Restrained pipe on route 68 from Station 602+02 to 603+42. Encountered ledge, jack hammered 64.81 cubic yards from station 602+42 to 603+42. Applied 50lbs of calcium chloride to the driveway of the office trailers. Quincy's Crew: 2- Certified Flaggers Installed - 60 feet of 4" ductile pipe at station 529+65. This is the 4" service for the school. Installed 1 - 1" curb stop at station 516+90. Installed 19 feet of 1" copper pipe for the curb stop at station 516+90.								
Pay Items: 1. Police - 4 State Police 2. Flaggers - 2 3. Illuminated Signs - yes 4. Sawcut State Roads - 410 Feet 5. Sawcut Town Roads - 84 Feet 6. Bank Run Gravel- 10.37 Cubic Yards 7. Ledge Removal - 64.81 Cubic Yards 8. 4" Ductile Pipe - 60 Feet 9. 1" - Curb stops - 4 10. 1" - Cooper Pipe - 119 Feet 11. Calcium Chloride - 50lbs 12. 12" Non-Restrained Pipe - 140 Feet								
Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:					Unresolved Issue: No		Shift: 1	
Robert Christie Follow up inspection of the 12" water main installation on route 68. Once the hole was excavated they Fabric was placed in the bottom								

of the excavation followed by 6" of 3/4" stone. Then the stone was covered with fabric. They then placed 3" of sand, installed the pipe and placed 12" of sand over the pipe followed by 3 - 12" lifts of native material or processed gravel where they encountered unsuitable material and compacted each lift. Placed 2 - 8" lifts of processed gravel and compacted each lift. Finally placed 4" of HMA in two 2" compacted lifts.
No water was encountered in the trench today.
Ledge was encountered.

Compaction Tests today - Yes, Observed John Turner Consulting performing the compaction tests. All of the tests were above the required 95%.

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 the curb stop installations on route 17 in Durham. Curb stops are being installed per the drawings.

Verbal Instructions Given to Contractor:

Unresolved Issue: No Shift: 1

Robert Christie
None to report.

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No Shift: 1

Robert Christie
Water encountered while excavating:
No water was encountered in the trenches today.

PR Comments, encounters or issues:
None to report.

CT DOT onsite or communication:
None to report.

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

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-00159	Comp Tests for Hydrants:	Awaiting Results
CT-00160	Pressure Tests at 305 Main Street.	Awaiting Results
CT-00161	Com Tests on 17 and 68	Awaiting Results
CT-00162	Rt 17 and 68	Awaiting Results

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE