

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 553		Page 1 of 1	
					DATE 23 Jun 2020 - Tuesday			
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	0 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				
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: Worked on the water tank site prepping the area before the installation begins on 8 Jul. A representative from Haley and Aldrich was onsite to oversee the work on the base material for the tank. Excavated down to elevation 435.00, compacted, backfilled 2 -1Foot lifts. 1st lift to elevation 436.0 compacted and performed a compaction test. Followed up with a second 1 Foot lift up to elevation 437.0 compacted and performed a compaction test.								
John's Crew: 2 - State Police directing traffic Installed 10 Feet of 12" Restrained pipe from station 920+69 to 920+59. (For Maple lane.) Installed 34 Feet of 8" Restrained pipe from station 920+80 to 921+14. (For Maple lane.) Installed - 1 Fire Hydrant assembly on route 68 at station 609+53. Installed - (1) 1" curb stop on route 68 at station 609+24. Installed 18 Feet of 1" Cooper pipe. Began installing the water line on Maple lane from station								
Quincy's Crew: 2- Certified Flaggers Installed - 133 Feet of 12" Restrained pipe on route Maiden lane from Station 413+13 to 412+20 and from 400+74 to 401+14. Installed 1 - 12" Gate valve at station 412+20. Installed - 1" Corporation at stations 412+61.5.								
Pete from Ludlow pressure tested the route 68.								
Pay Items: 1. Police - 2 State Police 2. Flaggers - 2 3. Illuminated Signs - yes 4. Sawcut State Roads - 94 Feet 5. Sawcut Town Roads - 292 Feet 7. Bank Run Gravel- 16.48 Cubic Yards 8. 1" Curb stops - 2 9. 8" Restrained Pipe - 34 Feet 10. 12" Gate valve - 1 10. 12" Restrained Pipe - 143 Feet								

11. Fire Hydrant Assembly - 1

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 12" water main installation on Maiden lane. 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 observed in the trench today.

John's crew: Follow up inspection of the installation of curb stop and fire hydrant on route 68.

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 are working on leveling out the area by adding fill and checking grades with a laser level.

USACE noted the following activities:

1. KTR excavated down to elevation 435 per Katrina request (sheet 3 of the tank drawing showed excavation only to 437.5 HA had the KTR excavate deeper). Reason for this was to compact the material even though it meet spec's they felt compacting it was worth it.
2. Subgrade inspected by Katrina Perez (H&A) Subgrade found to be acceptable per her inspection.
3. KTR compacted subgrade with a 15 ton roller making 5 complete passes (per HA) 4. Upon inspection Katrina indicated the existing native material is suitable for reuse at the tank site.
5. Ludlow proceeded to backfill over compacted subgrade with 12" lifts, removing rocks as directed by Katrina. (2 total lifts) 6. JTC Testing onsite conducting compaction testing per lift. 1- test per lift was performed.

Verbal Instructions Given to Contractor:

Unresolved Issue: No

Shift: 1

Robert Christie

Verbally instructed QC Jerry to have the operator at the lay down yard on Commerce circle sweep the rocks that were in the street. As the trucks are coming in/out of the yard there kicking some rocks from there tires onto Commerce circle.

I went back by a couple of hours later and the rocks had been swept up.

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

katrina perez from haley and aldrich was onsite at the water tower site to verify compaction for the base of the water tank.

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:

EPA, Ed Hathaway sent this email to Mike Cunningham to track.

*** The property owners for 200 Maple Ave and 24 Maiden Lane have specifically requested that they be present when any work is performed on their property including curb stops. I have email addresses for both so when we get close, please let me know and I will provide them. Please note this requirement so we can avoid any issues. ***

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 REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE