

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 532		Page 1 of 1	
					DATE 02 Jun 2020 - Tuesday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 48 °F Max 71 °F No Precipitation 8 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 48 °F	MAXIMUM 71 °F	WIND 8 MPH	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT? <div style="float: right;"> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain) </div>					24 HOUR PRECIPITATION			
					INCHES 0.00		ENDING M	
NUMBER OF GOVERNMENT 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				
				<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: 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					Unresolved Issue: No Shift: 1			
Work Performed Today: Robert Christie Curb Stops: (Billy's crew) 2 - Middletown Police directing traffic Installed 4 - 1" Curb stops at stations 121+33, 122+53, 122+94 and 123+76. 86.5' of 1" Copper pipe 175 Feet of Saw cutting state roads **** Billy missed the saw cutting for the first 3 days so I am adding them in to todays total below in payable items. *** 27 May 44.5 feet Saw cutting state road 28 May 57 feet Saw cutting state road 29 May 65.5 feet Saw cutting state road State/Town Roads: (John's crew) 2 State Police directing traffic Installed 2 fire hydrants along route 17 in Durham at station 160+92 and 169+72. 28 feet of saw cutting state road Pickett Lane: (Quincy's crew) 2 Certified Flagger Installed 123 feet of 12" Restrained pipe from stations 533+77 to 533+00 and 533+46.33 to 533 (Station correction according to the plan) Installed 2 fire hydrants at stations 519+73 and 514+16 252 feet of saw cutting town road NY-CONN 1- State Police directing traffic Worked on repairing of the traffic loops. 1- Ludlow employee was saw cutting					Unresolved Issue: No Shift: 1			
Pay Items: 1. Police - 3 State Police 2. Police - 2 Middletown Police 3. Flaggers - 2								

4. Illuminated Signs - yes
5. 1" Copper pipe - 86.5 Feet
6. 1" Curb stops - 4
7. Sawcut Town Roads - 252 Feet
8. Sawcut State Roads - 370 Feet (includes Billy's crew from 5/27, 5/28 & 5/29)
9. 12" Restrained Pipe - 123 Feet
10. Fire Hydrant Assembly - 4

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken: Unresolved Issue: No Shift: 1

Robert Christie

Observed the installation of the 12" Restrained pipe on Pickett lane. 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.

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

Observed John's crew working on route 17 in Durham installing 3 fire hydrants. Installation of them were done per the specifications.

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.

Verbal Instructions Given to Contractor: Unresolved Issue: No Shift: 1

Robert Christie

Spoke to QC Jerry and SSHO Rob about Kevin that runs the lay down yard on Commerce Circle parking his car in the parking lot across the street 60 Commerce Circle. They complied and sent Kevin a text telling him to move his car. Kevin replied back to Rob that the owner had voluntarily given him permission to park there.

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:

Took several picture of the stream crossing on Maiden lane that was staked out and sent them to Lisa for Ed from the EPA to look at.

CT DOT onsite or communication:

Steve Wright was onsite to pick up the compaction test results. While here I asked him if he had any concerns and he did not have any issues.

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
CT DOT - Steve Wright

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-00149	Chlorine was added to the Water line today.
	Awaiting Results

QA REPRESENTATIVE'S SIGNATURE	DATE	RE/PROJECT ENGR'S INITIALS	DATE