

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 469		Page 1 of 0	
					DATE 31 Mar 2020 - Tuesday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 40 °F Max 46 °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  40 °F	MAXIMUM  46 °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  5	SKILLED  8	LABORERS  6	TOTAL  19	FROM  0700	TO  1500 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> 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: Connecticut Traffic Control - Certified Flaggers					Unresolved Issue: No      Shift: 2			
<b>Work Performed Today:</b> Robert Christie 1. Install silt fence at the tank site. KTE using excavator (CAT 336) to dig shallow trench. Silt fence installed in trench as shown on plans. Noted Ludlow moving equipment for residents to pass by - no issues today. They also put down some dense grade material on the access road to level it and extend it for traffic when they are excavating it for the new water line. 2. Installed the remaining 8" Restrained CLDI pipe and fire hydrant up at rte. 17 and Oak Terrace from where they left off yesterday. Noted no compaction testing was required today. Once that was completed they moved to rte. 17 and Royal Oak Dr. and began installing the lateral.					Unresolved Issue: No      Shift: 1			
Pay Items: 1. Silt Fence - LUMP sum included in the water tank 2. 8" Restrained Pipe - 36.5 LF (2.5 feet of the pipe was in the state road) 3. Fire Hydrant Assembly - 1 on Oak Terrace 4. Police - 2 flaggers 5. Illuminated Signs - yes 6. Sawcut Town Roads - 93 Feet 7. Sawcut State Roads - 5 Feet 8. 9.92 CY of bank run gravel								
<b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b> Robert Christie QA Inspection of silt fence installation at the Tank Site. Silt fence is being properly installed. QA inspection of lifts on 17 being compacted - lifts are proper however no compaction testing done today QA inspection of the laterals and fir hydrant installations. Pipe and hydrant were installed per the specifications.					Unresolved Issue: No      Shift: 1			
<b>Verbal Instructions Given to Contractor:</b> Robert Christie Kurt spoke to SSHO Joel to discuss with the contractor that when they use the front end loader to move the 20"lengths of pipe down the roadway that they need to have an escort vehicle to warn traffic. Last season there was a complaint and we want to avoid this happening again.					Unresolved Issue: No      Shift: 1			
<b>Miscellaneous Remarks and Visitors to Project:</b> Robert Christie Water Encountered in trench today: NONE  Jerry - QC Rob P - SSHO					Unresolved Issue: No      Shift: 1			

John Pio - Superintendent  
Mike Pio - PM  
USACE - BC & KM  
AECOM - Joel was onsite providing extra oversight of the contractor.

Ludlow has 12 workers onsite  
6 Skilled & 6 Laborers  
2 Flaggers

**Safety:**

Unresolved Issue: No

Shift: 2

Robert Christie

All individuals were observed wearing the proper PPE when working on the jobsite to include hard hat, safety vest, safety boots, gloves and safety glasses.

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. Two certified flaggers and cones on 17 - leaving one lane open

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE