

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 471		Page 1 of 0		
					DATE 02 Apr 2020 - Thursday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 40 °F Max 57 °F No Precipitation 22 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 %	40 °F	57 °F	22 MPH		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0.00		M		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
1	0	0	2	3	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.									
<b>QA NARRATIVES</b>									
<b>Contractor/Subcontractor &amp; Area of Responsibility for Work:</b>					Unresolved Issue: No      Shift: 2				
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 Subcontractor: John Turner Consulting - Performing the compaction tests Subcontractor: Northern Land Clearing - Hauling away of trees, stumps etc									
<b>Work Performed Today:</b>					Unresolved Issue: No      Shift: 1				
Robert Christie Water Tank Site: Continued grubbing with the Caterpillar 336 excavator. Dig Safe was onsite marking out the access road. Received a load of 20" pipe. Northern Land Clearing was onsite hauling away the grubbed material.  State/Town Roads: Ludlow ran water through the two hydrants that got installed this week. Completed installing the 8" Restrained pipe and fire hydrant at rte. 17 and Packinghouse Hill road.									
Pay Items: 1. 8" Restrained Pipe - 63 LF 2. Fire Hydrant Assembly - 1 Assembly on Packinghouse Hill road 3. Police - 2 flaggers 4. Illuminated Signs - yes 5. Sawcut Town Roads - 0 Feet 6. Sawcut State Roads - 84 Feet									
<b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b>					Unresolved Issue: No      Shift: 1				
Robert Christie QA Inspection of grubbing at the Tank Site. - No Issues QA inspection of lifts on 17 being compacted. QA inspection of the laterals and fire hydrant installations. Pipe and hydrant were installed per the specifications.  Observed Northern Land Clearing at the water tank site. They loaded up the trees, roots, stumps etc and hauled them offsite.									
<b>Verbal Instructions Given to Contractor:</b>					Unresolved Issue: No      Shift: 1				
Robert Christie									
<b>Miscellaneous Remarks and Visitors to Project:</b>					Unresolved Issue: No      Shift: 1				
Robert Christie Water Encountered in trench today: NONE									

Jerry - QC  
Rob P - SSHO  
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

Dig Safe was onsite today.  
USACE - Lisa Belisle was onsite today.

**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 DEFICIENCY** (Describe QA Deficiency items issued, verify QA Deficiency items reported corrected by contractor)

**The following QA Deficiency items were issued today:**

QA Deficiency Item	Location	Description	Status
QA-00001	Royal Oak Dr	The Hydrant was installed to close to the street. The specifications call for it to be 2 feet from the outside of the curb. The hydrant is currently only about 16 inches from the outside of the curb. There are electrical and cable/phone lines behind the hydrant. USACE and contractor will discuss if it can be moved back.	Not Reported Corrected

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE