

**QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION**

REPORT NUMBER 470 Page 1 of 0

DATE  
01 Apr 2020 - Wednesday

PROJECT  
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER  
W912WJ19C0002

CONTRACTOR  
Ludlow Construction Co., Inc.

WEATHER  
Weather Caused No Delay  
Temperature Min 34 °F Max 55 °F  
No Precipitation 16 MPH Wind

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE WIND

STRUCTURAL EXCAVATION 0 %	BORROW EXCAVATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %	MINIMUM 34 °F	MAXIMUM 55 °F	WIND 16 MPH
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?  
 NO  
 YES (Explain)

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
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  3

SUPERVISORY 5	SKILLED 8	LABORERS 0	TOTAL 13	FROM 0700	TO 1530 M	FROM M	TO M	FROM M	TO M
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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: 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

**Work Performed Today:** Unresolved Issue: No Shift: 1

Robert Christie  
Water Tank Site:  
Continued grubbing with the Caterpillar 336 excavator and placed more dense pack material in the access road to extend it.  
Taylor Equipment Corp was onsite repairing one of the excavators.  
1- Employee from Ludlow began charging the water system from the already active hydrant at the entrance of Talcott Ridge Dr. to the new hydrant.

State/Town Roads:  
Completed installing the remaining 8" Restrained CLDI pipe and fire hydrant up at rte. 17 and Royal Oak Dr.

\*\*\* Contractor hit the phone/cable lines on Royal Oak Dr when excavating the area around where the hydrant was to be placed. Xfinity came out and repaired the cables. While there Dig Safe also came out and marked out the cables (after the lines were hit). No marks were anywhere to be found prior to the contractor beginning excavation. \*\*\*\*\* (See attached photos labeled hit cable/phone lines)

- Pay Items:  
1. Silt Fence - LUMP sum included in the water tank  
2. 8" Restrained Pipe - 80 LF  
3. Fire Hydrant Assembly - 1 on Royal Oak Dr  
4. Police - 2 flaggers  
5. Illuminated Signs - yes  
6. Sawcut Town Roads - 114 Feet  
7. Sawcut State Roads - 80 Feet

**Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:** 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 - Steve from JTC performed one compaction test test today. The result of the test was 96%.  
QA inspection of the laterals and fir hydrant installations. Pipe and hydrant were installed per the specifications.

The hydrant that was installed today was not placed the required 2 feet from the outside edge of the curb.

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

Robert Christie  
I verbally asked John to clean up some sand/gravel on the roadway at the intersection of Ironwood Ln & Acorn Dr also at the entrance of Acorn Dr from state road 17.

**Miscellaneous Remarks and Visitors to Project:**

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.  
Steve Sturges - John Turner Consulting

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

Dig Safe and 2- workers from Xfinity were also 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 REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE