

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

REPORT NUMBER 983 Page 1 of 0

DATE  
27 Aug 2021 - Friday

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 EXCAVATION 0 %	BORROW EXCAVATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %	MINIMUM 0 °F	MAXIMUM 0 °F	WIND 0 MPH
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF 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 2	TOTAL 2	LABOR 0	FEET 0.0	TIME M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  3

SUPERVISORY 0	SKILLED 0	LABORERS 0	TOTAL 0	FROM M	TO 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**

**Work Performed Today:**

Unresolved Issue: No Shift: 1

Kurt Mintell  
Ludlow - Is continuing with a penetration at 109 Maple Ave. Excavate up the hill and place 2" copper pipe. Noted sand and marking tape placed over the 12" of sand over the pipe. per MP Ludlow did not turn the corporation on at the water main. They will need to cut the road now to turn it on. Per MP they will fill the void with flowable fill and 2 2" lifts of HMA.

AR is working at the Long Hill Pump Station installing conduits for the VFDs.  
2 E-2 electricians working, one at the tank and one at VFD.

**Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:**

Unresolved Issue: No Shift: 1

Kurt Mintell  
Penetration at 109 Maple Ave.  
Noted excavation at approx 54" for the 2" pipe.  
Noted pipe being crimped prior to installing compression fittings.  
noted 90 degree compression fittings  
Noted marking tape placed approx 12" above the pipe  
Noted sand placed under the pipe - approx 3".

**Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:**

Unresolved Issue: No Shift: 1

Kurt Mintell  
Meeting with CQC to discuss shop drawings not being followed for the electrical components a the tank and possibly elsewhere on the project. I requested Jerry collect all shop drawings for a review of the electrical systems being installed by A&R Electric.

**Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:**

Unresolved Issue: No Shift: 1

Kurt Mintell  
Requested materials audit of all components being used by AR Electric. Meaning collect all shop drawings and verify the components and means and methods being used match the spec since there is some variation in the drawings.

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No Shift: 1

Kurt Mintell  
Item identified at 95R:  
driveway scrapes from equipment  
broken railroad tie on side of driveway  
dirty driveway - will take water to clean

Mike Pio agreed to place some sediment control - hay socks along the driveway at this residence since there is loam not stabilized that will run onto the driveway and down hill.

**Safety:**

Unresolved Issue: No Shift: 1

Kurt Mintell Safety Inspections items:

1. PPE - Good
2. Traffic pattern/control - Cones placed on Maple Ave - Ludlow provided traffic control when needed while working at 109R Maple
3. Working in excavation - Trenching for exterior penetration, no boxes needed.
4. Muddy & trip hazards - while trenching and working around tight quarters - none today
4. Situational awareness while working around heavy equipment. Excavating for trench/ mini excavator

- 5. Proper lifting techniques - lift with knees not low back
- 6. COVID - Discussion prior the work day - Agreed that workers will wear a mask when entering someone's home
- 7. Ladders in the trench - as needed.
- 8. Discussion with Rob ensuring the jobsite is secure at all locations prior to leaving the site.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE