

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

REPORT NUMBER 962 Page 1 of 0

DATE  
06 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 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**

**Work Performed Today:**

Unresolved Issue: No Shift: 1

Kurt Mintell  
Fazzino Plumbing is working at 238 Durham Market - COMPLETED  
Install interior plumbing at 253 Main - COMPLETE  
257 Main Street - COMPLETE  
At 257 Main Street Peter from Ludlow has resolved the small stone wall with the owner- Still need to roll the driveway

The plumber installed a Watts LF909QT-S at Durham Market instead of the Watts LF7R. AECOM is willing to accept this backflow preventer if there is a drain line installed.

Crew (Ludlow) 271 Main Street from curb stop to basement penetration - noted driveway was a class 5 material - KTR backfilled and rolled.  
32.5 LF of 1" copper pipe

293 Main Street curb stop - basement  
16.3 LF of 1" copper

297 Main Street  
12.5 LF of 1" copper

United Concrete onsite - sprayer, blower, & mixer panels installed at the AAV

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

Kurt Mintell  
Main Street interior plumbing Initial completed:  
1. Components meet the Buy in America Act  
2. Proper spacing of plumbing hangers  
3. Well pump removed with electrical wiring wire nut & tape - breaker taped off and labeled.  
4. PRV set at 60 PSI  
5. Debris cleaned up.

CTWATER punch list - walk along 17 to identify items on punch list The items remains open.

Noted compaction in the trench 12" lifts  
3" sand under the copper pipe.  
Noted blue marking tape at 12" over the copper water line.

**Safety:** Unresolved Issue: No Shift: 1

Kurt Mintell  
Safety Inspections items:  
1. PPE - good  
2. Traffic pattern/control - Traffic control for the water services work on 17 - 1 flagger  
3. Working in excavation - Trenching for exterior 1" pipe from curb stop to house - trench box utilized if deeper the 5 feet. NONE TODAY  
4. Muddy & trip hazards - while trenching and working around tight quarters  
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 - no discussion today
- 7. Concrete placement today - NONE
- 8. Ladders in the trench - as needed - noted lack of ladders while trenching and installing copper pipe on Main Street
- 9. Safety Meeting to review bad weather protocols while working
- 10. Plumber onsite - working at Durham Market on Main Street - No safety violations noted.

Safety Inspection at trenching activities to review AHA & EM-385 Requirements:

- 1. Ladders in trench as required - good
- 2. Trench depth & setback of materials - reviewed - GOOD
- 3. Shelving requirements in trench - NOTED shelves being less than 24" - discussed with Rob Peddicord & Bill from Ludlow.

Noted - 280 Main trench partially filled since crew moved to Durham Market - notified SSHO and Billy. CLOSED TODAY

AAV Electrical panel - noted open excavation, rebar needing caps

Notified SSHO to fence off & install rebar caps on the rebar in the excavation

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE