

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

REPORT NUMBER 960 Page 1 of 0

DATE  
04 Aug 2021 - Wednesday

PROJECT  
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER  
W912WJ19C0002

CONTRACTOR  
Ludlow Construction Co., Inc.

WEATHER  
Weather Caused No Delay  
Temperature Min 63 °F Max 84 °F  
No Precipitation No Wind

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE WIND

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM	WIND
0 %	0 %	0 %	0 %	0 %	63 °F	84 °F	0 MPH

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0.00	M

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
0	0	0	2	2	0	0.0	M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  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.

**QA NARRATIVES**

**Contractor/Subcontractor & Area of Responsibility for Work:** Unresolved Issue: No Shift: 1

Kurt Mintell  
Ludlow crew installed curb stop to foundation at 227 Man Street. KTR ran 1" copper pipe through an existing conduit into the basement, this prevented the KTR from having to excavate under an existing deck. There was a brief delay in the water service while the plumber made the final connection in the basement. NO issues with this connection.

NOTE:  
KTR did remove and replace sidewalk stones with no damage to the stones.

Ludlow moved back to 280 Main Street (NOTRE DAME Church) to continue the curb stop - meter vault to basement install of the water pipe. KTR had to cut hole on slab in basement to allow pipe to come up and through the foundation wall.

Fazzino Plumbing made the connections inside 227 Main Street. No issues with this connection

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

Kurt Mintell  
Main Street interior plumbing Initial completed: 227 Main Street and moved 246 Main Street.  
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.

Result of this meeting is Middletown Water is expecting Ludlow to repair all of the items on the punch list ( Brian Roubillard at the meeting)

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 239 & 242 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 then 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
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