

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

REPORT NUMBER 953 Page 1 of 0

DATE  
28 Jul 2021 - Wednesday

PROJECT  
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER  
W912WJ19C0002

CONTRACTOR  
Ludlow Construction Co., Inc.

WEATHER  
Weather Caused No Delay  
Temperature Min 67 °F Max 77 °F  
No Precipitation No Wind

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM	
100 %	100 %	100 %	100 %	100 %	67 °F	77 °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 0.00 ENDING M

NUMBER OF GOVERNMENT EMPLOYEES

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

RIVER STAGE

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS					
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**

**Work Performed Today:**

Unresolved Issue: No Shift: 1

Kurt Mintell  
Fazzino Plumbing is working with 2 - noted Guy & Joe - Main Street.  
Complete 220 & 228R Main Street Main Street

Billys Crew is working on curb stop to foundation connections:  
Exterior connections at 261 Main Street with 1.5" copper pipe, noted there is a small location below grade for the pipe to come into the house. There will need to be a hole needed in the slab for the pipe to access the house.  
Install meter vault at this address. Completed today

Install copper pipe at 265 Main Street - note : KTR accidentally damaged cable line - notified provider to have repaired.

VFDs are placed in the Long Hill Pump Station Building. A&R Electric has not been onsite to wire these

**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 - YES reviewed requirement with Fazzino Plumbing.
  2. Proper spacing of plumbing hangers - 27 inches due to joist spacing - good, hangers holding the copper - 47"
  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)

**Miscellaneous Remarks and Visitors to Project:** Unresolved Issue: No Shift: 1

Kurt Mintell  
Void identified in front of 397 Main Street by CTDOT.  
Follow up with Ed.  
Ludlow spent approx. 4 hours excavating to expose the drainage pipe  
CTDOT (Rick Pelletier) onsite to witness the excavation - KTR dug to expose the pipe there are pin holes in the pipe and a hole in the bottom of the pipe. Pipe is rusted and aged.  
DOT had maintenance come by - Ludlow crew onsite waiting with hole open.  
CT DOT requested stone and fabric placed over the hole and backfilled.  
KTR compacted the material as it was placed back in the excavation.

**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 1.5" copper pipe at 196 Main
- 9. Safety Meeting to review bad weather protocols while working
- 10. DN - Noted fencing surrounding the tank, sections have fallen down due to wind. Requested SSHO & Mike Pio repair ASAP - COMPLETE
- 11. Plumber onsite - working at 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.

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

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

<u>QA Deficiency Item</u>	<u>Location</u>	<u>Description</u>	<u>Status</u>
QA-00011	17 North	253 Main Street - noted the curb stop asphalt Please repair the asphalt - please check Durham Eye glasses as well at the curb stop location.	QA Concurrs Corrected

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE