

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

REPORT NUMBER 952 Page 1 of 0

DATE
27 Jul 2021 - Tuesday

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

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM	
100 %	0 %	0 %	100 %	0 %	0 °F	0 °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
1	0	0	2	3	0	0.0	M

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 plumbers - 196 Main Street Main Street.
Complete 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.

VFDs are placed in the Long Hill Pump Station Building. A&R Electric will be onsite to begin wiring the VFDS. There is some concern with the room for manipulating the components around inside the pump station.

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
WILL FOLLOW UP with Brian R. to discuss meet at 1300 today.
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)
REMAINS OPEN

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:

- 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.

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-00014	Maple AV	Middletown Water punch list remains open.	Not Reported Corrected

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE