

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

REPORT NUMBER 1037 Page 1 of 0

DATE
20 Oct 2021 - Wednesday

PROJECT
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER
W912WJ19C0002

CONTRACTOR
Ludlow Construction Co., Inc.

WEATHER
Weather Caused No Delay
Temperature Min 55 °F Max 75 °F
No Precipitation No Wind

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE	WIND
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM
0 %	0 %	0 %	0 %	0 %	55 °F	75 °F
					0 MPH	

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)	24 HOUR PRECIPITATION	
		INCHES	ENDING
		0.00	M

NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE	
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET
0	0	0	2	2	0	0.0
					M	

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
Ludlow crew :
Work at the PRV - page c-15 working on 4' HMA sidewalk as drawn. Noted rolling compactor used to compact the material and the HMA.
Install erosion control matting on the slopes the the tank site.

DN Tank - Not onsite today.

Fazzino Plumbing - NA

AR Electric onsite working at the tank and meter building

Brideau Sheet metal & fabrication -

BB Lightning Protection onsite to install the lightning protection on the tank,

Eversource running electrical service at the meter building - the work area is too tight for Ludlow to do their scheduled work at the Meter BLDG so they moved to the PRV.

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

Kurt Mintell
Noted upon inspection the top of the wall of the retaining wall appears to be leaning toward the fill side.
Discussed with Billy from Ludlow - noted wall is not complete and if there is an issue it will be resolved when contractor completes the wall.
KEEP OPEN

Email from MP about a contractor that will be onsite this week to install the lightning protection on the tank.
KEEP OPEN

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

Kurt Mintell
BB Lightning Protection:
A. Review shop drawings and material being used - materials appear to be correct.
B. Review AHA and Safety - workers will use harness to access top of tank from the ladder. This is the appropriate harness foe this application. Positive tie off required.
C. Review installation & spacing requirements - will follow up tomorrow

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

Kurt Mintell

NOTED:
Disconnect switch at the Booster station will need to be replaced since this is not an acceptable disconnect. Will need to be replaced - MP is aware of this. A&R Electric will try to locate this disconnect switch.

Safety: Unresolved Issue: No Shift: 1

Kurt Mintell Safety Inspections items:

1. PPE - Good - all personnel were in proper PPE when entering the site.
2. Traffic pattern/control - Meter bldg -Eversource had a Police Officer
3. Working in excavation - NONE
4. Situational awareness while working around heavy equipment. Grading and spreading material at the booster station
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 - Needed for trenching activity
8. Equipment being driven on roads - have a truck behind with flashing lights. YES
9. Face Mask / full cover while cutting rebar. NO rebar today
10. Hearing protection used during ledge removal operations - NO ledge removal today.
11. Crane Activity - NONE
12. Tank access with harness - BB had a worker that needed to get to the top of the tank for lightning protection - used proper harness,

NOTE - LUDLOW assumed responsibility for the harnesses that go with the tank (Rob Peddicord)

REVIEW WITH SSHO:

Discussed the ladder fall protection system with the SSHO. We discussed the need for the proper harness and lanyard if workers need to ascend the ladder. While most workers are accessing the tower with lifting equipment some may need to climb the ladder. In this event I informed him we do have two harness systems for that purpose. KEEP OPEN for further discussion.

QA REPRESENTATIVE'S SIGNATURE	DATE	RE/PROJECT ENGR'S INITIALS	DATE
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