

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

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DATE
22 Oct 2021 - Friday

PROJECT
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER
W912WJ19C0002

CONTRACTOR
Ludlow Construction Co., Inc.

WEATHER
Weather Caused No Delay
Temperature Min 59 °F Max 71 °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 %	59 °F	71 °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

Work Performed Today:

Unresolved Issue: No Shift: 1

Kurt Mintell
Ludlow crew :
175 Main Street - Per Home owner there is a dry well running through his front yard. AECOM drawing shows 1.5" water line. KTR began the excavation along the driveway - no pipe installed.
Trench dug - installed:
1. meter pit
2. 1.5 inch copper pipe - 255 LF
3. Rock/ledge removal - approx 9 CY

DN Tank - Not onsite today.

Fazzino Plumbing - NA

AR Electric NA

Brideau Sheet metal & fabrication - NA

BB Lightning Protection onsite to install the lightning protection on the tank, - completing cadwelded connections - see QA NOTES

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 - the wall has been backfilled and completed. There appears to be a slight lean inward on the wall. Will 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 for this application. Positive tie off required.
C. Review installation & spacing requirements - will follow up tomorrow

This work continues today -

Inspection of fasteners holding the grounding wires down the outside wall of the tank:

1. 36" spacing - verified.
2. No penetrations into the exterior wall of the tank- Verified
3. 10' grounding rods installed - verified
4. All connections to ground rods cad weld - verified.

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 - NONE
3. Working in excavation - YES - review requirements for trench work with crew & SSHO
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 - reviewed with crew & SSHO
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 - NA

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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