

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

REPORT NUMBER 864 Page 1 of 0

DATE
30 Apr 2021 - Friday

PROJECT
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER
W912WJ19C0002

CONTRACTOR
Ludlow Construction Co., Inc.

WEATHER
Weather Caused No Delay
Temperature Min 51 °F Max 65 °F
No Precipitation 14 MPH Wind

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE WIND

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %	MINIMUM 51 °F	MAXIMUM 65 °F	WIND 14 MPH
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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

RIVER STAGE

SUPERVISORY 0	OFFICE 0	LAYOUT 0	INSPECTION 1	TOTAL 1	LABOR 0	FEET 0.0	TIME M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2	SKILLED 4	LABORERS 3	TOTAL 9	FROM	TO	FROM	TO	FROM	TO
					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

Joseph Currier
Continuing formwork on the booster station footer and wall.

Footer formwork is 95% complete. Form fluid and backfill need to be done prior to placement.

Workers are still in the initial part of vertical rebar for wall.

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken: Unresolved Issue: No Shift: 2

Joseph Currier
At 0930 I conducted a rebar/formwork inspection prior to next Mondays placement.

1. Checked footer width and depth throughout (1/4" tolerance). Satisfactory
2. Inspected one corner for square (right angle method). Satisfactory
3. Checked rebar spacing (3/8" tolerance). Satisfactory
4. Checked rebar size (#5 verified with tape no calipers used). Satisfactory
5. Verified minimum 3" distance from rebar to formwork throughout site for adequate concrete coverage. (measured in several locations and visually inspected all). Satisfactory
6. Visually/physically inspected rebar for proper tie down. (zero untied connections found, no loose connections found). Satisfactory

Notes:

During my inspection I noted form fluid had not been applied prior to rebar installation. This is a very common occurrence with concrete placement, especially when placement is days away. I spoke with the QC on the matter asked that he ensures workers avoid getting any form fluid on the rebar. This would prevent proper bonding with the concrete. He acknowledged the importance and said he would be on site for placement, I will be as well.

Miscellaneous Remarks and Visitors to Project: Unresolved Issue: No Shift: 2

Joseph Currier
Contracted personnel on site 8.

supervisory 2, skilled 4, laborer 2

Safety: Unresolved Issue: No Shift: 2

Joseph Currier
Conducted site visit (booster station) at 0930.

1. All workers were utilizing proper PPE.
2. SSHO (Rob) conducted a preliminary safety brief on concrete placement prior to next Monday's placement.
 - a. Discussed the importance of "eye pro" around splashing concrete.
 - b. Exposure to form oil/concrete and washing it off.
 - c. Proper footwear if stepping in concrete. For preventing chemical burns and identifying tripping hazards. (narrow footer width should prevent any worker from having to step into concrete.)

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