

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

REPORT NUMBER 863 Page 1 of 1

DATE
29 Apr 2021 - Thursday

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

TEMPERATURE WIND

STRUCTURAL EXCAVATION 0 %	BORROW EXCAVATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %	MINIMUM 0 °F	MAXIMUM 0 °F	WIND 0 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 2	OFFICE 0	LAYOUT 0	INSPECTION 2	TOTAL 4	LABOR 0	FEET 0.0	TIME M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 0	SKILLED 0	LABORERS 0	TOTAL 0	FROM 0700	TO 1530 M	FROM M	TO M	FROM M	TO M
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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

Contractor/Subcontractor & Area of Responsibility for Work:

Unresolved Issue: No Shift: 1

Kurt Mintell
Ludlow -
Forming booster footing with 2x12
Install rebar in the footing
Noted 16" Sleeve is installed under the footing form for later tie in.

Flushing and testing water main line

CQC Inspection Phases Attended and Instructions Given:

Unresolved Issue: No Shift: 1

Kurt Mintell
Kurt
Inspection must be performed tomorrow and we are pouring concrete at 930 am on Monday May 3rd. We have also scheduled concrete testing.

Thanks
Mike

Sent from my iPhone

On Apr 29, 2021, at 8:03 AM, Mintell, Kurt J CIV (USA) <Kurt.J.Mintell@usace.army.mil> wrote:

Jerry,
Please communicate to the new QCM that I want to coordinate a QA/QC inspection (Follow Up) prior to any concrete placement in the footing formwork.
The inspection should include at Minimum:

- Excavation:
1. Proper location
 2. Proper depth
 3. 12" of ¾ gravel placed in fabric

- Form for footings:
1. 12"x30" size.
 2. Forms are secure with no risk of blowout

- Rebar:
1. Rebar is what was submitted & approved - #5
 2. Rebar is 3" from the edge of the form
 3. Rebar is properly spaced
 4. Rebar overlaps are correct
 5. Rebar is properly tied.

- Concrete:
1. Design mix is correct
 2. Testing requirements of concrete

3. Vibration requirements while placing the footing.

Safety:

1. Review AHAs during concrete placement activities.

If anyone feels there are missed items feel free to add.
Please give USACE 24 hour notice prior to the inspection.

Respect,
Kurt J. Mintell
Construction Control
USACE
OFF: 9783188362
Cell: 4138005219

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

Kurt Mintell
Initial inspection of rebar showed the rebar needed to be adjusted to meet the 3" clearance requirement from the forming. Billy is making the adjustments.

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

Kurt Mintell
Site visit at 227 Main Street with Joe M (AECOM), Mike Pio and myself - noted sleeve in the foundation - there are options for the connection in review with AECOM.

Safety: Unresolved Issue: No Shift: 1

- Kurt Mintell
Safety Inspection:
1. PPE good
 2. Traffic pattern/control - none needed today.
 3. Working in excavation - YES , booster station excavation - less than 60" sloped back - no issues
 4. Muddy & trip hazards identified.
 4. Situational awareness while working around heavy equipment.
 5. Proper lifting techniques - lift with knees not low back
 6. COVID - no discussion today

From Steve Wright DOT - no work in State Roads today. KTR is not working in the State Road- they are in the shoulder at the booster station. This was relayed to SW and he is ok with it - as long as there is no substantial traffic created by the work.

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