

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

REPORT NUMBER 1004 Page 1 of 0

DATE
17 Sep 2021 - Friday

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

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
0 %	0 %	0 %	0 %	0 %

TEMPERATURE		WIND
MINIMUM	MAXIMUM	
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	ENDING
0.00	M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1	0	0	1	2	0

RIVER STAGE	
FEET	TIME
0.0	M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
0	0	0	0

NUMBER OF SHIFTS		<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	
FROM	TO	FROM	TO	FROM	TO
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 - excavate for exterior connections at:

305R - installed 30LF of 1.5 " copper , this is a long run with a meter pit and not completed today. Ludlow requested to tie into the existing plastic well pump pipe due to limited access under the stairs in the basement. Contractor did not tie into the existing well line as originally planned. Per USACE direction the existing well pipe was removed and a 1" copper pipe was snaked up through the existing conduit - the 1.5 inch copper pipe was reduced to the 1"

AR ELECTRIC:

working at the booster station installing conduits in the duct bank to the power pole and tying in power wire to the booster station. This will need to be inspected prior to bury.

Fazzio onsite with 2 plumbers complete interior connections at:
297, 303 & 305 R Main Street

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:

Unresolved Issue: No Shift: 1

Kurt Mintell
Requested materials audit of all components being used by AR Electric. Meaning collect all shop drawings and verify the components and means and methods being used match the spec since there is some variation in the drawings.
KEEP OPEN AND CARRY DAILY

Contractor installed additional sediment & Silt controls worked well for the 6" rain event. This was extra material & labor requested by EPA, the contractor will be requesting Equitable Adjustment for this work & labor. KEEP OPEN.

Requested silt controls improved at the Maiden Stream Crossing. - REMAINS OPEN.

SEE EMAIL sent QCM:

Jerry,
Please ensure the duct bank rebar (at booster & meter) has the 3" of concrete coverage on the bottom & all sides as required. I know the work is not done but there are sections of rebar in the dirt. This is not acceptable. I would like an official inspection of the rebar, conduit & design mix prior to any concrete placements.

Verify conduits for the booster station power is not in a duct - this has been verified on page E-8 of the specs.

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

Safety:

Unresolved Issue: No Shift: 1

Kurt Mintell Safety Inspections items:

- 1. PPE - Good - Flagger on 17

2. Traffic pattern/control - working on 17 - flagger onsite for traffic control
3. Working in excavation - Trenching for exterior penetration, trench box needed while working on Main Street. - noted ladders in trench
4. Muddy & trip hazards - while trenching and working around tight quarters - none today
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 - Discussion prior the work day - Agreed that workers will wear a mask when entering someone's home
7. Ladders in the trench - as needed.
8. Discussion with Rob ensuring the jobsite is secure at all locations prior to leaving the site.
9. Equipment being driven on roads - have a truck behind with flashing lights.
10. Safety mask / full cover while cutting rebar.

REVIEW WITH SSHO:

Any equipment backing up needs to have a back up person.

One of the truck drivers inadvertently drove over the meter pit installed at 22 Wallingford, this will need to be replaced. NO back up person was assisting the driver.

QA DEFICIENCY (Describe QA Deficiency items issued, verify QA Deficiency items reported corrected by contractor)

The following QA Deficiency items were issued today:

QA Deficiency Item	Location	Description	Status
QA-00021	305R Main	noted plumbing components for exterior connections at meter pit do not meet BUY IN AMERICA ACT. PLEASE INSPECT and verify all components meet the requirements	Not Reported Corrected

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE