

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

REPORT NUMBER 1008 Page 1 of 0

DATE  
21 Sep 2021 - Tuesday

PROJECT  
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER  
W912WJ19C0002

CONTRACTOR  
Ludlow Construction Co., Inc.

WEATHER  
Weather Caused No Delay  
Temperature Min 52 °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	WIND
0 %	0 %	0 %	0 %	0 %	52 °F	75 °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	1	1	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 - excavate for exterior connections at:

298 Main Street - installed 34LF of 1" copper  
312 Main Street - 22 LF of 1" copper  
Ledge encountered at 298 in the trench - removed ledge.  
Place concrete - 6 CY at the Meter & Booster stations with stub up at the utility poles.

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 - NA today

**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 **CLOSED TODAY - Concrete placement done, any noted issues were resolved.**

JTC onsite for slump and air test of the duct bank concrete

**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.
11. Hearing protection used during ledge removal operations

REVIEW WITH SSHO:

NO new safety issues to review today

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE