

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

REPORT NUMBER 1015 Page 1 of 0

DATE
28 Sep 2021 - Tuesday

PROJECT
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER
W912WJ19C0002

CONTRACTOR
Ludlow Construction Co., Inc.

WEATHER
Weather Caused No Delay
Temperature Min 73 °F Max 52 °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 | |
| 73 °F | 52 °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 |
| 0 | 0 | 0 | 2 | 2 | 0 |

| | |
|-------------|------|
| RIVER STAGE | |
| FEET | TIME |
| 0.0 | M |

NUMBER OF CONTRACTOR'S EMPLOYEES

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

| | | |
|----------------------------|---------------------------------------|----------------------------|
| NUMBER OF SHIFTS | | |
| <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> 2 | <input type="checkbox"/> 3 |

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:
Working at 321 Main Street installing the external water service.
1. Rock encountered
2. Cut parking lot
3. Install 1.5" pipe
4.

DN Tank:
Installing Tank Ventilation components at the tank.

United Concrete:
1. Caulk at the PRV Vault at the sections.
2. Mortar the penetrations in the Meter Building

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.

Noted compaction at the tank site = 1.25" processed in 6" lifts being rolled with driven roller.

Tank Ventilation:
1. Made in America components.
2. Review brackets for pipe.
3. Inspecting the vertical piping.

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No Shift: 1

Kurt Mintell

Request to Jerry (QCM) to clean up at the Maiden Stream Crossing - there is still silt fence not installed properly - or remove it. Equipment left on the town right of way with mud and track marks - please clean up the site in general.

Visit Luigi on the tank access road to discuss the drainage issue with his apron / driveway. Mike Pio agreed to repair this next week when doing the rest of the drainage. (per MP approx. 2500.00)

Visit 248 Main with issues with water running into the basement along with the fines.

I just spoke with Kurt. My suggestion was to re-excavate just beyond the trench area that was disturbed for the water service installation to expose the foundation, clean the stone foundation exterior as best you can and apply a mortar parge coat to the foundation exterior

from the ground surface to the base of the wall. Once the mortar has dried apply a bituminous foundation sealer to the area. Hopefully this will solve the water infiltration problem.

Safety:

Unresolved Issue: No

Shift: 1

Kurt Mintell Safety Inspections items:

1. PPE - Good -
 2. Traffic pattern/control - work at Durhm RX - flagger onsite for traffic control
 3. Working in excavation - No trenching.
 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. NA TODAY
 11. Hearing protection used during ledge removal operations - YES - there is rock removal at Durham RX
 12. Sika requirements - United Concrete mixing non shrink mask required for this activity
- REVIEW WITH SSO:
NO new safety issues to review today.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE