

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

REPORT NUMBER 891 Page 1 of 0

DATE  
27 May 2021 - Thursday

PROJECT  
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER  
W912WJ19C0002

CONTRACTOR  
Ludlow Construction Co., Inc.

WEATHER  
Weather Caused No Delay  
Temperature Min 56 °F Max 82 °F  
0.25 IN Precipitation No Wind

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE WIND

|                                |                            |                     |                   |                    |                  |                  |               |
|--------------------------------|----------------------------|---------------------|-------------------|--------------------|------------------|------------------|---------------|
| STRUCTURAL EXCAVATION<br>100 % | BORROW EXCAVATION<br>100 % | EMBANKMENT<br>100 % | CONCRETE<br>100 % | STRUCTURE<br>100 % | MINIMUM<br>56 °F | MAXIMUM<br>82 °F | WIND<br>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 0.25 ENDING M

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

|                  |             |             |                 |            |            |             |           |
|------------------|-------------|-------------|-----------------|------------|------------|-------------|-----------|
| SUPERVISORY<br>0 | OFFICE<br>0 | LAYOUT<br>0 | INSPECTION<br>0 | TOTAL<br>0 | LABOR<br>0 | FEET<br>0.0 | TIME<br>M |
|------------------|-------------|-------------|-----------------|------------|------------|-------------|-----------|

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  3

|                  |              |               |            |              |              |           |         |           |         |
|------------------|--------------|---------------|------------|--------------|--------------|-----------|---------|-----------|---------|
| SUPERVISORY<br>0 | SKILLED<br>0 | LABORERS<br>0 | TOTAL<br>0 | FROM<br>0700 | TO<br>1530 M | FROM<br>M | TO<br>M | FROM<br>M | TO<br>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  
METER BUILDING: WORK NOT COMPLETE  
Billy & his crew (Ludlow ) are excavation got elevation 332.50 (page M-109 of the drawings). There are triaxles being loaded by excavator and the material is being brought to the pit at Commerce Circle. NONE TODAY

TANK SITE  
Excavate for electrical cabinet - install 3/4 stone 12" with fabric as shown on the drawings  
Set up grade stakes for the tank and surrounding area.  
Backfill at tank site with existing material- build up elevation

BOOSTER STATION:  
United has workers onsite working on the connections in the Booster station, assembling the building halves - working on the seams where the two halves of the building connect. Install floor panels and complete pipe connections

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

Kurt Mintell  
Review elevations with Billy (Ludlow) at the tank site for the electrical cabinet elevations. NOTE photos with grade measurements

Review with John from United Concrete BOOSTER building:

1. Missing stone panels installed
2. Aluminum floor panels installed properly and fit properly

**Safety:** Unresolved Issue: No Shift: 1

- Kurt Mintell  
Safety Inspections items:
1. PPE - good
  2. Traffic pattern/control - NONE needed
  3. Working in excavation - excavate at tank site for the electrical vault - no trench box needed. Install safety fence around the excavation
  4. Muddy & trip hazards identified- NA
  4. Situational awareness while working around heavy equipment. - reviewed, excavating and filling tri axle trucks at the Meter
  5. Proper lifting techniques - lift with knees not low back
  6. COVID - no discussion today
  7. Concrete placement today - None today
  8. Caps on REBAR at booster station - NA today
  9. Ladders in the trench - yes storm drain assembly at the tank site
  10. Booster station assembly - worker on roof using fall protection with suitable tie off point already installed in prefab building. Ladder extending at least 36" past to fascia board.
  11. Crane Plan for Meter Building has the incorrect weight - see photo

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