

|  |                        |            |            |   |   |         |             |      |    |
|--|------------------------|------------|------------|---|---|---------|-------------|------|----|
| <b>QUALITY ASSURANCE REPORT (QAR)</b><br><b>DAILY LOG OF CONSTRUCTION</b>  |                        |            |            |   | REPORT NUMBER<br>660  |         | Page 1 of 0 |      |    |
|  |                        |            |            |   | DATE<br>08 Oct 2020 - Thursday  |         |             |      |    |
| PROJECT<br>Durham Meadows Waterline Remedial Design  |                        |            |            |   | CONTRACT NUMBER<br>W912WJ19C0002  |         |             |      |    |
| CONTRACTOR<br>Ludlow Construction Co., Inc.  |                        |            |            |   | WEATHER<br>Weather Caused No Delay<br>Temperature Min 45 °F Max 68 °F<br>No Precipitation No Wind |         |             |      |    |
| PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS   |                        |            |            |   | TEMPERATURE   |         | WIND        |      |    |
| STRUCTURAL EXCA-<br>VATION   | BORROW EXCA-<br>VATION | EMBANKMENT | CONCRETE   | STRUCTURE   | MINIMUM   | MAXIMUM |             |      |    |
| 100 %  | 100 %                  | 100 %      | 100 %      | 100 %   | 45 °F   | 68 °F   | 0 MPH       |      |    |
| HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT<br>LEAD TO A CHANGE ORDER OR FINDING FO FACT?   |                        |            |            |   | 24 HOUR PRECIPITATION   |         |             |      |    |
|  |                        |            |            |   | INCHES  |         | ENDING      |      |    |
| <input checked="" type="checkbox"/> NO<br><input type="checkbox"/> YES (Explain)   |                        |            |            |   | 0.00  |         | M           |      |    |
|  |                        |            |            |   |   |         |             |      |    |
| NUMBER OF GOVERNMENT EMPLOYEES   |                        |            |            |   | RIVER STAGE   |         |             |      |    |
| SUPERVISORY  | OFFICE                 | LAYOUT     | INSPECTION | TOTAL   | LABOR   | FEET    | TIME        |      |    |
| 2  | 0                      | 0          | 1          | 3   | 0   | 0.0     | M           |      |    |
| NUMBER OF CONTRACTOR'S EMPLOYEES   |                        |            |            | NUMBER OF SHIFTS  |   |         |             |      |    |
|  |                        |            |            | <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 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.<br>NOTE: if the contractor's Quality Control Report (QCR) contains the information it need not be repeated.   |                        |            |            |   |   |         |             |      |    |
| <b>QA NARRATIVES</b>   |                        |            |            |   |   |         |             |      |    |
| <div style="display: flex; justify-content: space-between;"> <div> <b>Work Performed Today:</b><br/><br/>           Kurt Mintell<br/>           DN Tank - No shotcrete placement today.<br/>           DN Tanks is removing the wall braces from inside the tank - personnel are working inside the tank and sending the wall braces out one of the access on the tank.<br/>           SEE SAFETY SECTION<br/><br/>           Permanent paving - on 17<br/>           ITEMS:<br/>           114: 650 FEET OF STATE SAW CUT<br/>           116: 223.45 SQ YARDS STA 157+25 TO 160+25<br/>           117: 223.45 SQ YARDS STA 157+25 TO 160+25<br/>           119: 154.42 SQ YARDS OF SLIVER SLAB<br/>           JTC onsite for compaction tests<br/><br/>           One Ludlow Employee removing the silt fence along the tank access road. (Tom)<br/><br/>           Sawcut on 17.         </div> <div>           Unresolved Issue: No      Shift: 1         </div> </div>   |                        |            |            |   |   |         |             |      |    |
| <div style="display: flex; justify-content: space-between;"> <div> <b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b><br/><br/>           Kurt Mintell<br/>           OPEN ITEM:<br/>           CTDOT has concerns with the trench on the south end of the water main by Old Cemetery Road. Steve Wright feels the trench may have voids in a couple of spots and should be investigated when the Permanent Paving portion is done. This item will remain open until resolved.<br/><br/>           Concerns with grass growing where the curb stops were placed. The grass is not growing due to drought conditions. Contractor has agreed to reseed these areas. KEEP OPEN until resolved<br/><br/>           Review the prestressed wire on the tank &amp; the placement and spacing of the wire. Discussed with Jerry (QCM &amp; Joel M. AECOEM) The tank contractor installed shotcrete on the top section of the tank (over the prestressed wire installed)- this is the contractors means and methods to save time. There was no cylinders taken from the one concrete truck that showed up. I discussed this with QCM - he told me it did not need to be tested due to it being the same mix that was used the other day. I am issuing a deficiency for this placement due to lack of cylinders. I will close the deficiency once satisfied the proper mix was placed and would meet the concrete crush test requirements.<br/>           JTC was onsite to collect the samples per the spec - also took air &amp; Slump test<br/>           Keep open -NO ISSUES TODAY, will continue to track this item.         </div> <div>           Unresolved Issue: No      Shift: 1         </div> </div> |                        |            |            |   |   |         |             |      |    |
| <div style="display: flex; justify-content: space-between;"> <div> <b>Miscellaneous Remarks and Visitors to Project:</b><br/><br/>           Kurt Mintell<br/>           Weekly Progress Meeting:<br/>           LB &amp; CN onsite USACE.         </div> <div>           Unresolved Issue: No      Shift: 1         </div> </div>   |                        |            |            |   |   |         |             |      |    |
| <div style="display: flex; justify-content: space-between;"> <div> <b>Safety:</b><br/><br/>           Kurt Mintell<br/>           Safety Inspection of site:<br/>           Tank Site:<br/>           1. Noted some trash around DN Tanks personal vehicle parking. RESOLVED CLOSE         </div> <div>           Unresolved Issue: No      Shift: 1         </div> </div>   |                        |            |            |   |   |         |             |      |    |

- 2. Noted wall brace being lifted by boom lift not in a choker sling. RESOLVED CLOSE
- 3. Noted rebar on ground potential tripping hazard. RESOLVED CLOSE

Non - Permit Confined Space for work inside the Tank:

- 1. Supervisor overseeing the workers inside the tank.
- 2. Workers check box on clipboard hanging outside the entrance when in and out for accountability.
- 3. Four monitors to verify safe breathing atmosphere inside the tank.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE