

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 658		Page 1 of 1									
					DATE 06 Oct 2020 - Tuesday											
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002											
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 47 °F Max 71 °F No Precipitation No Wind											
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND									
STRUCTURAL EXCA- VATION  100 %	BORROW EXCA- VATION  100 %	EMBANKMENT  100 %	CONCRETE  100 %	STRUCTURE  100 %	MINIMUM  47 °F	MAXIMUM  71 °F	0 MPH									
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT? <div style="float: right;"> <input checked="" type="checkbox"/> NO  <input type="checkbox"/> YES (Explain)         </div>					24 HOUR PRECIPITATION											
					INCHES  0.00		ENDING  M									
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE											
SUPERVISORY  0	OFFICE  0	LAYOUT  0	INSPECTION  1	TOTAL  1	LABOR  0	FEET  0.0		TIME  M								
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS												
				<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3												
SUPERVISORY  0	SKILLED  0	LABORERS  0	TOTAL  0	FROM  0700	TO  1530 M	FROM  M	TO  M	FROM  M								
				TO  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.																
<b>QA NARRATIVES</b> <div style="display: flex; justify-content: space-between;"> <div> <b>Work Performed Today:</b>             Kurt Mintell            DN Tank - Continue winding prestressed wire around the tank. No shotcrete placement today             Permanent paving - on 17            ITEMS:            114: 604 FEET OF STATE SAW CUT            116: 194.28 SQ YARDS STA 151+35 TO 154+25            117: 194.28 SQ YARDS STA 151+35 TO 154+25            119: 55.81 SQ YARDS OF SLIVER SLAB            JTC onsite for compaction tests             One Ludlow Employee removing the silt fence along the tank access road.             NO Sawcutting on 17 today.         </div> <div>           Unresolved Issue: No      Shift: 1         </div> </div> <div style="margin-top: 20px;"> <b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b> <div style="float: right;">           Unresolved Issue: No      Shift: 1         </div> <p>Kurt Mintell OPEN ITEM: 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.</p> <p>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</p> <p>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. JTC was onsite to collect the samples per the spec - also took air &amp; Slump test Keep open</p> </div>																
<b>QA DEFICIENCY</b> (Describe QA Deficiency items issued, verify QA Deficiency items reported corrected by contractor) <b>The following QA Deficiency items were issued today:</b>  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black; width: 30%;">QA Deficiency Item</td> <td style="border-bottom: 1px solid black; width: 20%;">Location</td> <td style="border-bottom: 1px solid black; width: 40%;">Description</td> <td style="border-bottom: 1px solid black; width: 10%;">Status</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>									QA Deficiency Item	Location	Description	Status				
QA Deficiency Item	Location	Description	Status													

QA-00006	Tank site	Shotcrete placed over the prestressed wire at the top of the tank (approx. 12 feet) There was no cylinders taken as required by the specification. This was a single truck - per section #13225-29 .....3.02 paragraph C& D Requires a set of 4 sets of test cylinders per 50 CY of concrete, or fraction thereof, placed in one day. 1 cylinders tested at 7 days 2 at 21 days one held as a spare Shotcrete shall be tested per ACI-506 with test panels	QA Concurrs Corrected
----------	-----------	--	-----------------------

**LABOR INTERVIEWS**

**The following employees were interviewed today:**

Employer	Employee / Classification
DN Tank	Corey Knight LABORER, CARPENTRY
DN Tank	Felix Oliveri LABORER, CARPENTRY
DN Tank	Levon Lourde CARPENTER
Ludlow Construction Co., Inc.	Americo Valadares LABORER, PIPE-LINE
Ludlow Construction Co., Inc.	Carlos Alves OPERATOR HEAVY EQUIPMENT 1
Ludlow Construction Co., Inc.	Tom Mathison LABORER, PIPE-LINE

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