

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 555		Page 1 of 1		
					DATE 25 Jun 2020 - Thursday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 0 °F Max 0 °F No Precipitation No Wind				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND		
STRUCTURAL EXCA- VATION	BORROW EXCA- VATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
100 %	100 %	100 %	100 %	100 %	0 °F	0 °F	0 MPH		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					24 HOUR PRECIPITATION				
					INCHES		ENDING		
<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES (Explain)					0.00		M		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
1	0	0	2	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. NOTE: if the contractor's Quality Control Report (QCR) contains the information it need not be repeated.									
<b>QA NARRATIVES</b>									
<b>Contractor/Subcontractor &amp; Area of Responsibility for Work:</b>					Unresolved Issue: No      Shift: 1				
Kurt Mintell Project involves installing water main from a new Middletown Water Tank into Durham and tying into homes & businesses:  Prime Contractor: Ludlow - Installing watermain & associated components. Subcontractor: ACE Consulting - SSHO Rob Peddicord & CQC Jerry Brandon Subcontractor: Connecticut Traffic Control - 0 Subcontractor: John Turner Consulting - NO Subcontractor Vellieux - 0 Middletown Police - 1 State Police -3 A&J Paving - NA Vallieux Saw Cut - NO Northern Land Clearing onsite, clearing by the Valero and will head to Pickett to									
<b>Work Performed Today:</b>					Unresolved Issue: Yes      Shift: 1				
Kurt Mintell Billy's Crew ----- Water Tank Site and Access Road: Working on pipe pits at the perimeter of the tank foot print  State/Town Roads: ----- JONS CREW: 2 State Police directing traffic. on 68 and Maple Installing 12" pipe 2 State Police Billy from AECOM instead of Joel  QUINCYS CREW: ----- Install fire hydrant at the intersection of 17 and Maiden Lane - the crew dug the trench - than realized there is nowhere to put the hydrant. There is a stone wall property line for the residence and we can not place the hydrant there. KTR instructed to fill in the trench. Reminded QCM that fire hydrants need to be staked out prior to digging. Install 12 inch pipe on Maiden heading back to the stream crossing location - encountered ledge.									
ITEMS: 6: 41 FEET OF 12 INCH TR FLEX PIPE: STA 920+59 TO 920+18 (34 FEET IN STATE RD) 9: 7.5 FEET OF 4 INCH PIPE: STA 198+10 DURHAM MANUFACTURING SERVICE 54: 4.16 CUBIC YARDS OF ROCK EXCAVATION 55: 13.28 CUBIC YARDS (41X3.5X2.5) 61: 83 FEET OF STATE SAW CUT 62: 14 FEET SAW CUT IN TOWN ROAD									

QUINCYS CREW

ITEMS:

2: 50 FEET OF 12 INCH PIPE: 403+85 TO 404+35  
6: 50 FEET OF 12 INCH TR FLEX: 403+35 TO 403+85  
28: 2 1 INCH CORPS: STA 403+45 AND 403+70  
54: 71.29 CUBIC YARDS OF ROCK EXCAVATION: (100X3.5X5.5)  
62: 200 FEET OF SAWCUT IN TOWN ROADS

PRESSURE TEST WAS COMPLETED ON RT 68 FOR THE 12 INCH WATER MAIN FROM STA 600+00 TO 609+53 FOR TWO HOURS AND PASSED AT 155 PSI

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

Kurt Mintell Observed proper lifts being placed in State Roads.  
Observe compaction tests on Maiden Lane and on 17

**Comments Pertaining to Contractors' CQC Activities:** Unresolved Issue: No Shift: 1

Kurt Mintell MUM Meeting with Jerry Brandon the discuss the QC Coordination for the tank installation.  
Discussed was:

- 1. QCM knowledge of the tank drawings
- 2. QCM knowledge of the schedule of the tank installation.
- 3. QCM communication with USACE on tank installation.

QCM understands he needs to print a set of drawings for the tank and review the drawings and schedule.

**Verbal Instructions Given to Contractor:** Unresolved Issue: No Shift: 1

Kurt Mintell  
Ensure no out of spec. rocks are put back in the trench after installing the pipe DAILY  
Ensure silt fence is all in place and functioning  
Trench Box Requirements Reviewed DAILY.  
Ensure all Road CLOSED signs are removed at the end of each shift.  
Ensure Pickett Land is swept clean of dirt and debris left from construction activities prior to opening the road. COVERED DAILY  
Ensure the traffic limit is clearly marked on Pickett Lane to prevent vehicles from entering the construction zone. COVERED DAILY  
Spoke with Jon Pio & Quincy: ensure all signs are removed, all material sept form the roadway and all construction related materials and equipment off the road at the end of the shift & prior to opening PICKETT Lane. COVERED DAILY

Enforce the speed limit on the dirt road going to the trailers to prevent unnecessary dust, CLIN74 for Calcium Chloride for dust control can be used to keep dust down. Discussed with Jon Pio the QTY in the CLIN and not to go over over without discussing with USACE first. He agreed that he will no be going over with notifying USACE Rep.

ENSURE storm drains are protected if excavating near or around.

**Miscellaneous Remarks and Visitors to Project:** Unresolved Issue: No Shift: 1

Kurt Mintell Fill in the trench at the intersection of Maiden Lane and 17 due to there being no place to place the hydrant - the contractor dug the trench all the way to the edge of the road and than asked where they should place the hydrant.  
There is no where to place the hydrant.

**Miscellaneous Remarks and Visitors to Project:** Unresolved Issue: No Shift: 1

Kurt Mintell  
Water encountered while excavating: NO  
YES on 17 for curb stops -

PR Comments, encounters or issues: NONE TODAY - met owner at 19 Maiden Lane (Judy) and owner at 97 Maple - no issues  
CT DOT onsite or communication or CTDOT related items: NONE  
Reviewed Permit Required Requirements of equipment parked 15' feet off the road. Clean all debris and components form the SROW prior to shift end.

Remind contractor to ensure no gravel or material is being dropped on the haul route. COVER 2x weekly

**Safety:** Unresolved Issue: No Shift: 2

Kurt Mintell

Safety Inspections at three separate locations today:

- 1. Curb Stop Installation on 17 in Durham:
  - a. Traffic Control - 2 flaggers and lane closed with cones and signs
  - b. Trench Box Properly being used. - yes
  - c. PPE - yes
  - d. Heavy Equipment - no guards or safeties identified as missing
  - e. Miscellaneous tools and equipment - check electrical cords for grounds - good
- 2. Pipe Installation on 68 in Durham:
  - a. Traffic Control - 2 flaggers and lane closed with cones and signs
  - b. Trench Box Properly being used. - yes
  - c. PPE - yes
  - d. Heavy Equipment - no guards or safeties identified as missing
  - e. Miscellaneous tools and equipment - check electrical cords for grounds - good
- 3. Pipe Installation on Pickett Lane in Durham:
  - a. Traffic Control
  - b. Trench Box Properly being used.

- c. PPE
- d. Heavy Equipment
- e. Miscellaneous tools and equipment

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