

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 475		Page 1 of 0	
					DATE 06 Apr 2020 - Monday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 45 °F Max 59 °F No Precipitation No Wind			
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND	
STRUCTURAL EXCA- VATION  0 %	BORROW EXCA- VATION  0 %	EMBANKMENT  0 %	CONCRETE  0 %	STRUCTURE  0 %	MINIMUM  45 °F	MAXIMUM  59 °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  5	SKILLED  10	LABORERS  7	TOTAL  22	FROM  0700	TO  1500 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>								
<b>Contractor/Subcontractor &amp; Area of Responsibility for Work:</b> 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 - 2 Certified Flaggers Subcontractor: John Turner Consulting - No compaction testing today Subcontractor Vellieux - Saw cut on 17 - 1 worker Middletown Police - x2					Unresolved Issue: No      Shift: 1			
<b>Work Performed Today:</b> Kurt Mintell    Water Tank Site and Access Road: Install 20 inch pipe starting at end of 20" placed in 2019 heading toward shared driveway. Noted contractor making good effort to keep the shared driveway available for residents coming and leaving.					Unresolved Issue: No      Shift: 1			
State/Town Roads: 2 Middletown Police directing traffic 1. Excavate on 17 at STA 125+20 to tie into existing BV. Install 16" Restrained pipe across 17 for future Water Meter Vault. 2. Excavate and install 16" Restrained at STA124+72 heading toward Water Meter Vault. This is tied into Water main installed last year 3. Install hydrant on 17 at Meter Vault  Utilities encountered while excavating: 1. Known gas main on 17 north lane. additional 14- 16 inch pipe closer to the road edge north lane  Sawcut on 17 - 2 flaggers and Saw cut truck  Pay Items: 1. 8" Restrained Pipe - 0 LF 2. Fire Hydrant Assembly - 1 at Meter Vault Site 3. Police - 2 Middletown Police 4. Illuminated Signs - yes 5. Sawcut Town Roads - 66 Feet - Talcott Ridge Cul de Sac 6. Sawcut State Roads - 80 Feet 7. 16" Restrained Pipe - 20 124+71 8. 20 inch pipe at access road - 119.42 9. Bank Run = 6.42 Talcott + 17.02 on 17 = 23.44 CD								
<b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b> Kurt Mintell    Ensure hydrant is the correct distance from the curb on 17 KTR is making good effort to keep the pipe clean while staging and installing.					Unresolved Issue: No      Shift: 1			
<b>Verbal Instructions Given to Contractor:</b> Kurt Mintell    1. Ensure Middletown Road requirements for back fill are being used.					Unresolved Issue: No      Shift: 1			

2. Ensure State Right of Way is being repaired of equipment ruts and any other construction debris.
3. All road signs removed from work areas and put away properly at the end of shift.

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No

Shift: 1

Kurt Mintell Water encountered while excavating:

Water encountered on 17S lane while excavating toward the Water Meter Vault - water was at 84" from the top of asphalt - noted KTR pumped water into storm drain with silt and gravel placed over storm drain.

Water encountered on Talcott Ridge at the end of the 20" main placed in 2019. Slow seeping into trench

PR Comments, encounters or issues:

Per Mike Cunningham, the owner of the property/lot next to the Valero gas station does not want any vehicles, equipment of any type parked on the property

CT DOT onsite or communication: Dan D. authorized work on Thursday & Good Friday this week

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No

Shift: 1

Kurt Mintell Jerry - QC

Rob P - SSHO

John Pio - Superintendent

Mike Pio - onsite

USACE - KM

AECOM - Joel was onsite providing extra oversight of the contractor.

Steve Sturges - NO testing today

1 saw cutter - Vellieux

Mike Cunningham

Ludlow has:

4 truck drivers

7 laborers

5 Operators

1 SAW cutter Subcontractor

**Safety:**

Unresolved Issue: No

Shift: 1

Kurt Mintell Noted portable hand wash station on back of tool truck, cleaning supplies nitrile gloves, face masks.

Workers fill out daily forms indicating they are not demonstrating any symptoms of COVID 19 and turning into SSHO.

Daily Safety Inspections:

1. Noted proper PPE while cutting Steel pipe with cut off saw.

2. Two certified flaggers and cones on 17 - while saw cutting

3. Discussed situational awareness while working around heavy equipment, and while allowing residents to use the shared driveway while under construction

4. Situational awareness not to work in close proximity to each other (COVID PREVENTION)

5. Trench box being used for all excavations while working in trench

6. Traffic Control on 17 - 2 Police officers.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE