

<b>CONTRACTORS QUALITY CONTROL REPORT (QCR)</b> <b>DAILY LOG OF CONSTRUCTION</b>		REPORT NUMBER 510	Page 1 of 5
		DATE 11 May 2020 - Monday	
PROJECT Durham Meadows Waterline Remedial Design		CONTRACT NUMBER W912WJ19C0002	
CONTRACTOR Ludlow Construction Co., Inc.	WEATHER Weather Caused No Delay Temperature Min 34 °F Max 58 °F No Precipitation 9 MPH Wind		

**QC NARRATIVES**

**JOB SAFETY**

SAFETY:  
 Crews arrived at 6:30am, Departed at 3:00pm  
 \*SSHO Rob Peddicord:  
 \*Monitored 3 main crews production activities: Jonathon Pio, Billy DaCRuz, and Quincy Cope foremen

\*Jonathon Pio's crew: Pipe installation on SB Rt 17.  
 \*2 State Police for traffic control

\*Billy DaCruz crew back at Water Tank Area; worked on the access driveway back to the WTA; grading road surface and slope surfaces

\*Quincy Cope crew working on Pickett lane, installing pipe.  
 \*2 Certified flaggers controlling traffic. (Certs on record)

\*1 laborer chlorinating pipeline. (See QC Report)  
 \*Accompanied by J. Ewanowski of Middletown Water Dept and J. Sugrue of JMS Connections

\*Borrow/Dump Yard: 1 Operator loading dumps with trench backfill material; maintaining waste piles

\*Performed daily checklist inspections on Daily Report; Crews wearing all required PPE, Following Trench Safety, Crews alert of surroundings. Safety in compliance with EM 385-1-1. COVID-19 precautions being followed. (SEE Attached Ludlow SSHO Daily PDF Report, with attached photos)  
 \*Post Rain Event SWWP Inspection: no ruptures found; minor maintenance needed.

\*Office work: The SSHO continued collecting and filing crew paperwork for Lift Plans, Confined Spaces, and Daily Equipment Inspections (See Lift Plan PDFs attached to RMS Report)

\*SSHO gave Site Orientation, Covid-19 Orientation, Emergency Contact, and Checklist packets to new crew. Collected signed sheets and Initial Inspection sheets for new equipment on site.  
 \*Weekly Safety Meeting: Dumptruck Operations.

INCIDENT: Truck driver from Ludlow subcontractor Vynalek Trucking rolled over his dump truck at the 3-way intersection of Rt 157 (East-West) into Rt 147 (North-South). See Safety Inspections comments

**SAFETY INSPECTION (Report violations, corrective instruction/action taken):**

\*At approximately 3:00pm, the SSHO came upon a dump truck accident at the 3-way intersection of Rt 157 (E-W) into Rt 147 (N-S). The truck belonged to Ludlow's subcontractor Vynalek Trucking. No other vehicles were involved, and no one was injured. The vehicle rolled on its side on the shoulder of northbound Rt 147, spilling soil, but not damaging any property. Vynalek had the vehicle removed, and the soil was cleaned up

**TESTS REQUIRED BY SPECIFICATIONS, PERFORMED, AND THE RESULTS**

Chlorine was added to water lines from Talbott Road to Oak Street: The lines will be tested in 24 hours.

Compaction Tests on Rt 17:				Pickett Road
STA 181+40;	STA 181+65	STA 181+90	STA 182+40	STA 131+3 to STA 135+0
1. 95.9% M 3.8	1. 96.3% M 3.7	1. 95.0% M 3.8	1. 95.2% M 3.9	1. 98.3% M 6.6
2. 96.7% M 3.7	2. 97.6% M 3.5	2. 96.9% M 3.3	2. 96.5% M 3.5	2. 98.1% M 2.5
3. 98.0% M 2.5	3. 96.9% M 4.2	3. 98.6% M 4.1	3. 95.8% M 3.5	3. 97.7% M 3.0
4. 96.4% M 2.2	4. 97.2% M 3.6	4. 98.5% M 2.7	4. 97.0% M 2.0	4. 97.6% M 3.1
5. 97.7% M 3.0	5. 95.9% M 2.7	5. 99.0% M 3.8	5. 97.3% M 3.1	5. 99.1% M 6.2
				6. 96.9% M 6.4

SWPP Construction Site Inspection Report: Two deficiencies were found. 1. One section of fence down on one side on the slope Across form House # 214. / 2. One section of fence was down by drive way at House # 216.

Down sections were corrected by close of day by Ludlow Construction.

**WORK PERFORMED TODAY**

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WORK PERFORMED TODAY  
Weekly Safety Meeting: Dump Trucks

Onsite 7:00 AM ; Offsite 4:00 PM

PERSONAL;  
Project Manager 1  
Superintendent 5  
Operators 5  
Labors 9  
Truck Drivers 7

VISITERS:  
Steve Wright

SUBCONTRACTORS ON SITE:  
Police Officers = 3  
2 Certified Flaggers.  
John Turner 1

WORK COMPLETED;  
Jon's Crew Waterline on Rt 17 South;  
Quincy's Crew on Pickett Lane;  
Billy's Crew: New Water Tank Area.

16" D1 pipe = 122 Feet of D1 Pipe installed from STA 185+63 to STA 186+85  
16" DI Restrained Pipe = 140 Feet of TR FLEX at STA 184+23 TO 185+63  
12" D1 Pipe = 80 Feet of D1 Pipe installed from STA 501+60 to STA 502+40  
12" D1 Restrained Pipe = 120 Feet of TR Flex at STA 501+60 to 503+00  
8-1 inch Corps: STA 184+28, STA 184+47, STA 184+90.5, STA 185+57, STA 185+84.5, STA 186+34.5, and STA 186+42/ STA 502+97  
2-1.5 Inch Corp: STA 184+38/ STA 502+42  
Road Gravel= 74.33 CY Bank Run Gravel  
Saw Cut= 524 feet in State Road/ 400 feet on Pickett Lane; Total=924 Feet  
Water Storage Tank and Access Roadway:  
Re-Excavated Access Road from STA 20+50 to STA 19+50 (Due to New Grades)  
Fine Grading: form STA 20+50 to STA 16+00  
Fill Slopes from STA 13+00 to STA 11+50  
Slope Stabilizing; From STA 16+00 to STA 15+50

COMPACTION:  
State Road 17 South starting at STA 181+40 to STA 182+40  
Pickett Lane starting at STA 131+3 to STA 135+0  
Average Compaction Test for State Road 17 were 97% 4.1 M  
Average Compaction Test for Pickett Lane were 97.4% 3 M  
QA/QC:  
QA Bob Christie and Kurt Mintell discussed with QC for Ludlow Construction, the compaction layers and materials used in Excavation and Backfill when installing the new water lines.

PROJECT LAISON COORDINATOR:  
Job Narrative:  
Received an email Sunday night from Amy Knowles at 124 Talcott Ridge Drive asking if we would sweep the road form the debris accumulated over the winter. Emailed her back that this would be done when we do the permanent pavement later this week.

AM:  
Pete form Ludlow chlorinated the 16" water main from Talcott ridge Drive in Middletown to Little Lane in Durham. Representatives for Middletown Water and Sewer on Site.  
Worked on getting the notification letter out to the residents on South Main Street (Rte. 17) in Middletown informing them of the schedule for water service and curb stop installations to start on Monday, May 18, 2020. Mailed at 11:00 am.  
Organized the daily work sheets for work completed by Billy's and Jonathan's crew.

PM:  
Started working on As-Built Drawings for work completed in 2020.  
Visited all three sites in Middletown and Durham.  
MJC offsite at 3:00 pm.  
Equipment: N/A  
Labor: N/A  
Material: N/A  
Traffic Control: 2 – State Troopers at 8.5 hours each  
1 – Middletown Police Officer at 4 hours  
1 – CT. Traffic Control Flagger at 8.5 hours  
1 – Ludlow Flagger at 8.5 hours

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<b>PREP/INITIAL DATES</b> (Preparatory and initial dates held and advance notice)					
Preparatory Inspections held today _____ <b>No preparatory inspections held today</b>					
Initial Inspections held today _____ <b>No initial inspections held today</b>					
<b>ACTIVITY START/FINISH</b>					
Activity No          Description _____  <b>No activities were started or finished today</b>					
<b>QC REQUIREMENTS</b>					
Requirement No	Type	Description	Results		
CT-00128	QC Test	Chlorine Testing on Waterline from Talbott To Oak Street	Awaiting Results		
CT-00129	QC Test	Compaction Testing was done from STA 181+40 to STA 184+40	Awaiting Results		
CT-00131	QC Test	SWPP inspection after Rain on Saturday the 9th, 2020.	Awaiting Results		
<b>ISSUED QA/QC DEFICIENCY</b> (Describe QA and QC Deficiency items issued)					
Item No	Location	Description			
_____  <b>No QC Deficiency items were issued today</b>					
<b>CORRECTED QA/QC DEFICIENCY</b> (Report QC and QA Deficiency items corrected)					
Item No	Location	Description			
_____  <b>No QC Deficiency items were corrected today</b>					
<b>CONTRACTORS ON SITE</b> (Report first and/or last day contractors were on site)					
Name	First Day		Last Day		
_____  <b>No Contractors had their first or last day on the site</b>					
<b>LABOR HOURS</b>					
Employer	Labor Classification	Number of Employees	Hours Worked		
Ludlow Construction Co., Inc.	TRUCK DRIVER, GROUP 1	5.0	40.0		
Ludlow Construction Co., Inc.	LABORER, GROUP 1	12.0	96.0		
Ludlow Construction Co., Inc.	PROJECT MANAGER	1.0	8.0		
Ludlow Construction Co., Inc.	OPERATOR HEAVY EQUIPMENT 1	7.0	56.0		
Ludlow Construction Co., Inc.	SSHO	1.0	8.5		
Ludlow Construction Co., Inc.	QUALITY CONTROL SYSTEM MGR	1.0	8.5		
Vellieux Sawcutting	CIRCULAR SAW OPERATOR	1.0	0.0		
Total hrs worked to date:	12,941.5	Hrs worked MTD:	1,317.0	Total:	28.0      217.0
<b>EQUIPMENT HOURS</b>					
Serial Number	Description	Idle Hours	Operating Hours		
L-20	L-20 Kumatsu Front End Loader      Billy	0.0	8.0		
TE-6    Excavator    03101	TE-6 Volvo EW170 Rubber Tire Track Hoe,	0.0	8.0		
E-4    0336FCRAB	E-4    Cat 336 Track Hoe      Jon	0.0	8.0		
T-36	Dump Truck T-36	0.0	8.0		
B-5	Sweeper B-5	0.0	8.0		
T-25	T-25    Dump Truck	0.0	8.0		

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07	T-07 Dump Truck, Vynalek	0.0	0.0
Ludlow	Walk Behind Saw	0.0	0.0
E-20 ECR145DL,	E-20 Volvo Excavator E-20 Jon	0.0	8.0
E-19 Cat	E-19 Cat 314C Trackhoe Billy	0.0	8.0
T-50	Ludlow Pickup Truck T-50	0.0	8.0
T-14 PU	Ludlow Pickup Truck T-14	0.0	8.0
Vynalek	Dump Truck, Unmarked (Tan bed)	0.0	8.0
T 9	Dump Truck T-9	0.0	0.0
T-77	P U T-77 Billy	0.0	8.0
T-27	Dump Truck T-27	0.0	8.0
E-9 Track Hoe	E-9 336 Track Hoe Billy	0.0	8.0
T-64	Dump Truck T-64	0.0	0.0
T-42	Ludlow Pickup T-42 Jon	0.0	0.0
T-86 Work Truck	Pick Up Truck Billy	0.0	8.0
T-40	Dump Truck T-40	0.0	0.0
T-65	Ludlow Pickup Truck T-65	0.0	8.0
T-78	T-78 PU Work Truck Jon	0.0	0.0
TE 15 Excavator	Track Hoe	0.0	0.0
T-84 Pick Up	T-84 Work Truck	0.0	0.0
L-18 950	L-18 Loader Jon	0.0	8.0
R-18 Roller	R-18 Compactor JON	0.0	8.0
D1 Cat	D-1 Cat D-5 Dozer Billy	0.0	8.0
T-86	T-86 Dump Truck	0.0	8.0
T-21 Dump	Dump Truck T-21	0.0	8.0
P U T-45	PU T- 45 Billy	0.0	0.0
R-17 Roller	R-17 Roller Billy	0.0	8.0
PB1	Paver Billy	0.0	0.0
T-12 P U	T-12 Work Truck	0.0	8.0
T-67 Dump Truck	T-67 Dump Truck	0.0	0.0
G-3 Volvo Grader	G-3 Road Grader	0.0	8.0
W-1200	Miing Machine	0.0	0.0
Total operating hrs to date: 12,481.5 Idle hrs MTD: 0.0 Opr hrs MTD: 1,273.0 Total: 0.0		0.0	192.0

  

**MISHAP REPORTING** (Describe mishaps)

**The following mishap was reported today:**

Contractor/Subcontractor:

Age:

Gender: Male

Date Employee Started Work:

Location of Mishap:

Result: Remained at work - Other

Injury Category:

Contractor Recordable Mishap: No

Dump Truck over turned in route from borrow pit.

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CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.	
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE