

CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION		REPORT NUMBER 507	Page 1 of 4
		DATE 08 May 2020 - Friday	
PROJECT Durham Meadows Waterline Remedial Design		CONTRACT NUMBER W912WJ19C0002	
CONTRACTOR Ludlow Construction Co., Inc.	WEATHER Weather Caused No Delay Temperature Min 41 °F Max 56 °F 0.23 IN Precipitation 9 MPH Wind		

QC NARRATIVES

JOB SAFETY

SAFETY:
 Crews arrived at 7:00am, Departed at 3:00pm
 *SSHO Rob Peddicord:
 *Monitored 2 main crews production activities: Jonathon Pio and Billy DaCruz, foremen
 *Jonathon Pio's crew: Pipe installation on SB Rt 17.
 *One laborer performing pressure tests on completed pipe sections throughout the site.
 *Two laborers saw cutting on Pickett Lane. One operating saw, one controlling traffic. SSHO checked certification
 *2 State Police for traffic control for main crew on Rt 17 SB

*Billy DaCruz crew back at Water Tank Area; worked on the access driveway back to the WTA; compacting and grading road base stone and slopes

*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)

*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)

TESTS REQUIRED BY SPECIFICATIONS, PERFORMED, AND THE RESULTS

Pressure Testing of the Water lines:
 CONDUCTED A PRESSURE TEST ON THE 16 INCH WATER MAIN FROM PARSONS RD TO WINSOME RD. STA 151+50 TO STA 157+26.

Compaction Tests on Rt 17:

STA 180+40;	STA 180+65	STA 180+90	STA 181+40
1. 96.6% M 2.6	1. 98.0% M 2.9	1. 95.3% M 4.0	1. 97.3% M 3.7
2. 97.4% M 3.3	2. 97.1% M 2.3	2. 96.8% M 3.4	2. 97.0% M 3.5
3. 99.7% M 2.5	3. 96.2% M 3.1	3. 98.2% M 3.2	3. 98.1% M 3.7
4. 99.2% M 2.2	4. 98.8% M 2.7	4. 97.9% M 2.0	4. 98.5% M 2.6
5. 100.0% M 2.9	5. 98.5% M 2.2	5. 97.6% M 2.9	5. 96.1% M 2.3

WORK PERFORMED TODAY

WORK PERFORMED TODAY
 Onsite 7:00 AM ; Offsite 3:00 PM
 PERSONAL;
 Project Manager 1
 Superintendent 5
 Operators 5
 Labors 10
 Truck Drivers 7

VISITERS:

SUBCONTRACTORS ON SITE:
 Police Officers = 2
 John Turner = 1

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

16" DI Restrained Pipe = 191 Feet of TR FLEX at STA 182+32 to 184+23
 16" Butterfly Valve = 1 at STA 183+61
 1: 1 Inch Corp: at STA 183+24.5
 Roc Excavation: 7.4 CY at STA 183+10 to 183+30
 Road Gravel= 60.64 CY Bank Run Gravel
 Saw Cut= 382 feet in State Road

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<p>Excavation and Backfill of Test Pits: 5.06 CY at STA 15+35 to STA 15+29 and STA 14+90 to STA 14+84</p> <p>Water Storage Tank and Access Roadway: Access Road to Water Tank Area: Slope: STA 19+50 to STA 17+00 Fill Slopes to Road at STA 13+00 to STA 11+70 Start Fine grade and compact at STA 22+30 to STA 19+00</p> <p>COMPACTION: State Road 17 South starting at STA 180+40 to STA 181+40</p> <p>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.</p> <p>PROJECT LAISON COORDINATOR: Job Narrative: Prepared the Bi-Weekly Graphic Progress Report. Prepared the Minutes of the Weekly Progress Meeting held on Thursday, May 7, 2020. Onsite at both construction sites in Middletown and Durham. PM. Drafted a letter for the Middletown Residents of the schedule for the water service installations scheduled for the week of May 18th. Sent out the minutes of the Weekly Progress Meeting held Thursday, May 7, 2020. Sent out the Draft Bi-Weekly Graphic Progress Report due today, May 8th.</p>															
PREP/INITIAL DATES (Preparatory and initial dates held and advance notice) Preparatory Inspections held today No preparatory inspections held today Initial Inspections held today No initial inspections held today															
ACTIVITY START/FINISH Activity No Description No activities were started or finished today															
QC REQUIREMENTS <table border="1"> <thead> <tr> <th>Requirement No</th> <th>Type</th> <th>Description</th> <th>Results</th> </tr> </thead> <tbody> <tr> <td>CT-00127</td> <td>QC Test</td> <td>Ludlow CONDUCTED A PRESSURE TEST ON THE 16 INCH WATER MAIN FROM PARSONS RD TO WINSOME RD. STA 151+50 TO STA 157+26. TEST BEGAN AT AROUND 11:45 AM AND ENDED AT 1:45 PM WITH NO DROP IN PSI AT 160 PSI. JERRY DOCUMENTED IT AND TOOK PICTURES OF IT.</td> <td>Awaiting Results</td> </tr> <tr> <td>CT-00130</td> <td>QC Test</td> <td>Compaction Tests were performed from STA 180+40 to STA 181+40</td> <td>Awaiting Results</td> </tr> </tbody> </table>				Requirement No	Type	Description	Results	CT-00127	QC Test	Ludlow CONDUCTED A PRESSURE TEST ON THE 16 INCH WATER MAIN FROM PARSONS RD TO WINSOME RD. STA 151+50 TO STA 157+26. TEST BEGAN AT AROUND 11:45 AM AND ENDED AT 1:45 PM WITH NO DROP IN PSI AT 160 PSI. JERRY DOCUMENTED IT AND TOOK PICTURES OF IT.	Awaiting Results	CT-00130	QC Test	Compaction Tests were performed from STA 180+40 to STA 181+40	Awaiting Results
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ISSUED QA/QC DEFICIENCY (Describe QA and QC Deficiency items issued) Item No Location Description No QC Deficiency items were issued today															
CORRECTED QA/QC DEFICIENCY (Report QC and QA Deficiency items corrected) Item No Location Description No QC Deficiency items were corrected today															
CONTRACTORS ON SITE (Report first and/or last day contractors were on site) Name First Day Last Day No Contractors had their first or last day on the site															

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LABOR HOURS				
Employer	Labor Classification		Number of Employees	Hours Worked
Ludlow Construction Co., Inc.	TRUCK DRIVER, GROUP 1		7.0	56.0
Ludlow Construction Co., Inc.	LABORER, GROUP 1		10.0	80.0
Ludlow Construction Co., Inc.	PROJECT MANAGER		1.0	8.0
Ludlow Construction Co., Inc.	OPERATOR HEAVY EQUIPMENT 1		5.0	40.0
Ludlow Construction Co., Inc.	SSHO		1.0	8.0
Ludlow Construction Co., Inc.	QUALITY CONTROL SYSTEM MGR		1.0	8.0
Vellieux Sawcutting	CIRCULAR SAW OPERATOR		1.0	8.0
Total hrs worked to date:		12,720.5	Hrs worked MTD:	1,096.0
			Total:	26.0
				208.0

EQUIPMENT HOURS				
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	2.0
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
07	T-07 Dump Truck, Vynalek		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	0.0
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	0.0
E-9 Track Hoe	E-9 336 Track Hoe	Billy	0.0	8.0
T-64	Dump Truck T-64		0.0	8.0
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	0.0
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	8.0
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	8.0
R-17 Roller	R-17 Roller	Billy	0.0	2.0
PB1	Paver	Billy	0.0	0.0

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T-12 P U		T-12 Work Truck		0.0		0.0	
T-67 Dump Truck		T-67 Dump Truck		0.0		0.0	
G-3 Volvo Grader		G-3 Road Grader		0.0		0.0	
W-1200		Miing Machine		0.0		0.0	
Ludlow		Walk Behind Saw		Off Site		0.0 8.0	
Total operating hrs to date:		12,289.5	Idle hrs MTD:	0.0	Opr hrs MTD:	1,081.0	Total: 0.0 172.0
MISHAP REPORTING (Describe mishaps)				No mishaps reported today			
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