

CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION		REPORT NUMBER 489	Page 1 of 4
		DATE 20 Apr 2020 - Monday	
PROJECT Durham Meadows Waterline Remedial Design		CONTRACT NUMBER W912WJ19C0002	
CONTRACTOR Ludlow Construction Co., Inc.	WEATHER Weather Caused No Delay Temperature Min 39 °F Max 55 °F No Precipitation 7 MPH Wind		

QC NARRATIVES

ADDITIONAL COMMENTS

"Attaboy" moments from the crews: 1) 4-20-20, a truck driver requested the SSHO to spot his dump bed as it raised beneath overhead wires. 2) Last week the SSHO observed a trackhoe operator paying close attention to overhead wires.

JOB SAFETY

SAFETY:
 Crews arrived at 7:00am, Departed at 3:00pm
 *SSHO Rob Peddicord:
 *Monitored 2 crews production activities: Jonathon Pio and Billy DaCruz, foremen
 *Jonathon Pio's crew working at Rt 17 SB, Installed pipe from sta 161+17 to 163+19
 *Monitored Traffic Safety setup: In compliance with Plan 13 of DOT Form 817. Two State Police doing traffic control
 *2-Operators, 2-Truck drivers, 5-laborers

*Billy DaCruz crew continued installing pipe at the back end of the cul-de-sac of Talcott Ridge; in the driveway, working in the water tank area. Installing concrete storm pipe. See QC narrative for specific locations
 *2-Operators, 2-Truck drivers (1-sub), 3-Laborers

*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, Trench boxes, ladders being used, Crews alert of surroundings. Safety in compliance with EM 385-1-1. COVID-19 precautions being followed
 *Post Rain Event SWPP Inspection: No ruptures found in silt fencing, corrections made on Meter Vault area; bottom gaps closed.

*Office work: The SSHO continued collecting and filing crew paperwork for AHAs, Initial Inspections, and Daily Equipment Inspections.
 *Weekly Safety Meeting: Trench Safety
 *Site Orientation, Covid-19 Orientation, Emergency Contact for Josh Bernacchia

WORK PERFORMED TODAY

WORK PERFORMED TODAY
 Onsite 7:00 AM ; Offsite 3:00 PM
 PERSONAL;
 Project Manager 1
 Superintendent 5
 Operators 5
 Labors 7
 Truck Drivers 4
 VISITERS: Steve Wright
 SUBCONTRACTORS ON SITE:
 Turner Consultants = 1
 Police Officers = 2
 WORK COMPLETED;
 Jon's Crew continued running 16" water lines south on 17 state road.
 Billie's crew Started installing the Storm Water drains at the Water Tank Area.
 PAY ITEMS:
 16" DI Restrained Pipe = 202 Feet at STA 161+17 to STA 163+19
 4-1" Water Service Corp at STA 162+10, 162+21.5, 162+69, 162+79.5
 1 -16X16X16 TEE installed at STA 161+55
 1- 16"Butterfly Valves = Installed at STA 161+55
 Road Gravel= 28.65 CY Bank Run Gravel (STA 161+17 to 163+19)
 Road Gravel = 18 CY/ CB at STA 14+37
 Rip Rap = 45 Foot
 NOTE: Native soil was used, but was too wet and had to be changed to Bank Run Gravel.
 Saw Cut= 404 feet in State Road
 COMPACTION:
 Review methods in sequences of installation with Ludlow Superintendent:
 Below are the percentages for the final dry density and moisture results in order of first lift to final. They are separated by 25 foot sections. The final report will have the comprehensive information along with an accompanying image for a call-out for test locations.

1. 97.7 - 9.0 161+17 to 161+42
2. 96.5 - 8.6
3. 96.7 - 7.8

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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>4. 97.1 - 4.9</p> <p>5. 98.0 - 5.5</p> <p>1. 97.6 - 8.8 161+42 to 161+67</p> <p>2. 95.7 - 9.3</p> <p>3. 98.9 - 4.4</p> <p>4. 98.6 - 4.3</p> <p>5. 97.0 - 4.7</p> <p>1. 96.4 - 8.8 161+67 to 161+92</p> <p>2. 95.8 - 9.3</p> <p>3. 97.4 - 8.3</p> <p>4. 96.5 - 5.4</p> <p>5. 97.7 - 5.5</p> <p>1. 97.0 - 9.5 161+92 to 162+17</p> <p>2. 97.2 - 9.4</p> <p>3. 95.3 - 5.7</p> <p>4. 99.1 - 4.0</p> <p>5. 100 - 3.4</p> <p>1. 97.3 - 9.6 162+17 to 162+42</p> <p>2. 96.0 - 10.8</p> <p>3. 95.5 - 6.7</p> <p>4. 96.6 - 4.7</p> <p>5. 97.1 - 3.9</p> <p>1. 96.1 - 10.7 162+42 to 162+67</p> <p>2. 95.2 - 9.8</p> <p>3. 95.3 - 5.8</p> <p>4. 98.3 - 4.4</p> <p>5. 97.9 - 2.7</p> <p>1. 95.6 - 10.1 162+67 to 162+92</p> <p>2. 95.8 - 9.3</p> <p>3. 95.4 - 5.1</p> <p>4. 98.5 - 4.9</p> <p>5. 98.3 - 4.5</p> <p>1. 96.2 - 10.0 162+92- ~163+17* (section of the area will be re-disturbed upon continuation of the run.)</p> <p>2. 95.2 - 9.5</p> <p>3. 96.8 - 8.7</p> <p>4. 98.4 - 4.1</p> <p>5. 97.3 - 4.6</p> </div> <div style="width: 50%;"> <p>EQUIPMENT:</p> <p>6-Pickups; T-77, T-84, T-65, T-14, T-78, T-50.</p> <p>8-Dumps; T-25, T-36, T-64, T-86, T-64, T-25, T-36, T-84</p> <p>5-Excavators; E-19 Track Hoe, E-9 336 Cat Track Hoe, TE 15 Volvo EW170 Rubber Tire Track Hoe Volvo E-20, Volvo TE-6</p> <p>4-Front End Loader, Cat 950K L-5 (@ Pit), , L-20 Komat'su 380 L-20, Cat 950M L-18,</p> <p>2-R-4 Volvo Roller. Volvo R-18</p> <p>1-Broom B-5,</p> </div> </div> <p>QA/QC:</p> <p>Sediment Control is in good shape. SWPP inspection was ran today because of the rain Saturday the 18th.</p> <p>PROJECT LAISON COORDINATOR:</p> <p>Job Narrative:</p> <p>Sent out the minutes of the Progress Meeting held Thursday, April 16, 2020.</p> <p>Reviewed the State Police Details for the week and sent update to Mike and Jonathan.</p> <p>Billy's crew began installing drainage at the shared access road in Middletown.</p> <p>Jonathan's crew continued on the 16" Water main installation on Main street in Durham. Three State Troopers onsite for traffic control. In the area of the intersection of Middletown Road (Rte. 147) Durham.</p> <p>Started updating the As-Built Drawings with information of work completed thus far this year.</p> <p>Sent out an email to Mike Purcell about the easement for the meter vault at Acorn Drive and asked if we could meet tomorrow onsite at 11:00 am. to discuss his concerns.</p>							
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PREP/INITIAL DATES</p> <p>Preparatory Inspections held today</p> <p>No preparatory inspections held today</p> <p>Initial Inspections held today</p> <p>No initial inspections held today</p> </div> <div style="width: 50%;"> <p>(Preparatory and initial dates held and advance notice)</p> </div> </div>							
<p>ACTIVITY START/FINISH</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%; text-align: left;">Activity No</th> <th style="width: 85%; text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td></td> </tr> </tbody> </table>				Activity No	Description		
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PROJECT Durham Meadows Waterline Remedial Design		CONTRACT NUMBER W912WJ19C0002			
No activities were started or finished today					
QC REQUIREMENTS					
Requirement No	Type	Description	Results		
CT-00107	QC Test	The compaction tests took place over the distance from Station number 161+17 to 163+17, 200 ft total working distance. Following the specs I took 5 test per 25 feet (1 test per each lift of "bank run" (3.5" or natural spoils from on site, this varied based on the moisture content of the natural material and the ability to reach compaction) totaling 3 tests, and 1 per each lift of "process" (1.5") totaling 2 tests, again per 25 linear feet. Totaling 40 test over 200 feet.	Awaiting Results		
CT-00108	QC Test	All the silt fences were checked as well as the storm drains. Silt fences were repaired by Ludlow where needed.	Awaiting Results		
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					
LABOR HOURS					
Employer	Labor Classification	Number of Employees	Hours Worked		
Ludlow Construction Co., Inc.	TRUCK DRIVER, GROUP 1	3.0	24.0		
Ludlow Construction Co., Inc.	LABORER, GROUP 1	6.0	48.0		
Ludlow Construction Co., Inc.	PROJECT MANAGER	1.0	8.0		
Ludlow Construction Co., Inc.	OPERATOR HEAVY EQUIPMENT 1	3.0	16.0		
Ludlow Construction Co., Inc.	SSHO	1.0	8.0		
Ludlow Construction Co., Inc.	QUALITY CONTROL SYSTEM MGR	1.0	8.0		
Total hrs worked to date: 10,560.5		Hrs worked MTD: 1,774.0		Total: 15.0 112.0	
EQUIPMENT HOURS					
Serial Number	Description	Idle Hours	Operating Hours		
WH5449, L-20	Kumatsu Front End Loader Billy	0.0	8.0		
03101	Volvo EW170 Rubber Tire Track Hoe, TE-6	0.0	8.0		
531660128	Bobcat Skidsteer S-2	0.0	3.0		
0336FCRAB	Cat 336 Track Hoe E-4	0.0	8.0		
T-36	Dump Truck T-36	0.0	8.0		
B-5	Sweeper B-4	0.0	0.0		
T-25	Dump Truck T-25	0.0	8.0		
007	Dump Truck, Vynalek 007	0.0	8.0		
ECR145DL, E-20	Volvo Excavator E-20	0.0	8.0		
L-5	Cat 950K L-5 Pit	0.0	8.0		
E-19	Cat 314C Trackhoe E-19	0.0	8.0		
T-41	Ludlow Pressure Test Truck T-41	0.0	8.0		

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T-50	Ludlow Pickup Truck T-50			0.0		8.0	
T-14	Ludlow Pickup Truck T-14			0.0		0.0	
TE-6	Track Hoe (Already listed at 0002)	Same as item 2		0.0		8.0	
T-27	Dump Truck T-27			0.0		8.0	
E-9	336 Track Hoe			0.0		8.0	
Cat 950M	Cat 950M Fork Loader			0.0		8.0	
T-64	Dump Truck T-64			0.0		8.0	
T-77 Work Truck	Pick Up Truck Billys			0.0		8.0	
T-65	Ludlow Pickup Truck T-65			0.0		8.0	
B-5 Sweeper	Sweeper Billys Crew			0.0		2.0	
R-4 Roller Jons	Roller Compacter			0.0		2.0	
TE 15 Excavator	Track Hoe			0.0		8.0	
T-84 Pick Up	Work Truck			0.0		8.0	
T-78 PU Truck	PU Truck			0.0		8.0	
950 M L-18	Loader Jon			0.0		8.0	
R-15 Roller	Compactor JON			0.0		8.0	
Total operating hrs to date:		9,617.5	Idle hrs MTD:	0.0	Opr hrs MTD:	2,027.0	Total: 0.0 191.0
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