

CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION		REPORT NUMBER 329	Page 1 of 4
		DATE 12 Nov 2019 - Tuesday	
PROJECT Durham Meadows Waterline Remedial Design		CONTRACT NUMBER W912WJ19C0002	
CONTRACTOR Ludlow Construction Co., Inc.	WEATHER Weather Caused No Delay Temperature Min 27 °F Max 60 °F No Precipitation 18 MPH Wind		

QC NARRATIVES

JOB SAFETY

SAFETY:
DAY SHIFT:
PPE; Personal Protective Equipment worn by all the crew.
Job site clean up after work performed. Looks Good.
Haul route was inspected for debris. Road Clean, Looks Good.
Daily Inspections of the Environmental Protection and silt fences.
The Protection is Operational and no problems found.

NIGHT SHIFT: Arrived at 7:00pm. Traffic safety setup by 7:15pm. Production began at 7:30pm.
*SSHO Rob Peddicord:
*Monitored Jonathon Pio's crew production
*Monitored weather; Clear, Cold
*Monitored Traffic Safety setup: In compliance with Plan 13 of DOT Form 817. Certified Flaggers used; certs previously verified.
Traffic Control stations sufficiently illuminated
*Performed daily checklist inspections on Daily Report; Crew wearing all required PPE, Trench boxes, ladders being used, Work zones illuminated, Crew alert of surroundings. Safety in compliance with EM 385-1-1
*Inspected haul road and Borrow/Dump Pit; silt fence needs attention

WORK PERFORMED TODAY

JERRY BRANDON QC/SSHO. Onsite 6:00 AM ; Offsite 3:00 PM

PERSONEL;
Superintendent 1
Operators 2
Labors 4
Truck Drivers 2

SUBCONTRACTORS ON SITE:
Police Officer 1 = 8 Hours

WORK COMPLETED;
20" DI Restrained Pipe= Start at Station 31+79.04 Stop at Station 31+16.31 = 62.83 Feet of Pipe.
16"DI Restrained Pipe= Start at Station 32+04.62 Stop at Station at 31+79.04 = 25.58 Feet of Pipe.
8" DI Restrained Pipe = N/A
Road Gravel=14.63 CY.
Saw Cut=176.82 Feet.

COMPACTION:
Review methods in sequences of installation with Ludlow Superintendent:
Compaction Lifts were checked and measured by QC.
All Compactions were Good.
Heat Test Performed=305 Degrees of the Truck.
Fire Hydrant: N/A

EQUIPMENT: 3-Pickups; T-84, T-77, T-87
4-Dumps; T-9, T-36, T-64, Vynalek JRV Unmarked.
3-Excavators; E-19 Track Hoe, E-9 336 Cat Track Hoe, Volvo EW170 Rubber Tire Track Hoe.
2-Front End Loader, Cat 950K L-5 (@ Pit), , L-20 Komat'su 380 L-20
1-R-3 Sweeper,
1-R-8 Dynapac Roller.

COMPONENTS INSTALLED;
16"x16"x8" TEE installed at Station 31+76.12
16" to 20" Reducer installed.

UTILITIES ENCOUNTERED:
Water Line.

QA/QC:
Sediment Control on Talbott Road is in good shape. Silt Fence's all were in good condition and performing Adequately.
Haul Road was checked for Debris. None Found.

NIGHT SHIFT: Arrived 7:00pm, Departed 5:00am
*Crew Foreman Jonathon Pio; SSHO/QC Rob Peddicord
*CREW: 1-Foreman, 1-Op, 3-Truck drivers, 1-Op/Labor, 4-Labor
*EQUIPMENT: 4-Pickups; T-14, T-50, T-78, T-42

CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION		REPORT NUMBER <div style="text-align: center;">329</div>	Page 2 of 4
		DATE <div style="text-align: center;">12 Nov 2019 - Tuesday</div>	
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<p> 5-Dumps; T-7, T-27, T-40, T-60, Vynalek 07 4-Excavators; Cat 336 E-4, Volvo E170, Volvo E-20, Cat 325 2-Loaders: Cat 950M, Cat 950K L-5 (@ Pit) 1-Bobcat S-5, 1-Broom B-5, 1-Roller RD27 R-15 *SUPPORT/SUBS: 1-JTC tech, 2-Police Officers *PRODUCTION: Installed 16" pipe from Sta 147+63 to 149+65 = 202ft total. 182ft Straight to 149+45; 20ft Restrained from 149+45 to 149+65 *WS at Stas 148+02, 148+63, 149+01; w/three 1" Corp *UTILITIES ENCOUNTERED: 12" CMP at Sta 147+89. Pipe previously damaged, photos taken; pipe wrapped in fabric *QA/QC: *JTC tech Steve Sturges performed and recorded NDTs as required, Tech also monitored lift thicknesses, elevations, and rock content in soil backfill. Ludlow laborer also monitored lifts and rock content in soil. (Ludlow returned to using native soil as middle backfill) *Ludlow Foreman Jonathon Pio checked pipe elevations and station locations *QC Mgr Rob Peddicord checked asphalt temperatures off the truck and during compaction </p> <p> PROJECT LAISON COORDINATOR: Job Narrative: MJC onsite at the Durham Field Office at 5:30 am. 6:00 – 7:00 am. Contractor Meeting with USACE and Ludlow Staff. Sent out an email to the property owners on the tank access road notifying them that Ludlow's Surveyor will be onsite on the access road on Wednesday, November 13th. Offsite at 3:00 pm. </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			
Requirement No	Type	Description	Results
CT-00076	QC Test	305 Degrees off the truck. Test Good.	Awaiting Results
CT-00077	QC Test	Rt 17 South, Beginning Sta 147+63, just South of Lino's Market. Compaction Tests were performed as layers of fill were placed. No failing tests.	Awaiting Results
CT-00081	QC Test	1st Truckload at 280-320% out of truck. 2nd Truckload at 270-305% out of truck	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			

CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION		REPORT NUMBER	Page 3 of 4
		329	
PROJECT Durham Meadows Waterline Remedial Design		DATE	12 Nov 2019 - Tuesday
		CONTRACT NUMBER	W912WJ19C0002

LABOR HOURS			
Employer	Labor Classification	Number of Employees	Hours Worked
AR Electric	ELECTRICIAN	0.0	0.0
Ludlow Construction Co., Inc.	TRUCK DRIVER, GROUP 1	5.0	36.0
Ludlow Construction Co., Inc.	LABORERS	8.0	72.0
Ludlow Construction Co., Inc.	SUPER - CONSTRUCTION	2.0	18.0
Ludlow Construction Co., Inc.	PROGRESS CLERK	1.0	8.0
Ludlow Construction Co., Inc.	HEAVY-EQUIPMENT OPERATOR	4.0	36.0
Ludlow Construction Co., Inc.	CIRCULAR SAW OPERATOR	0.0	0.0
Ludlow Construction Co., Inc.	PROJECT MANAGER	1.0	2.0
Ludlow Construction Co., Inc.	QC SYST MGR/SSHO	2.0	18.0
Ludlow Construction Co., Inc.	QUALITY CONTROL SYSTEM MGR	0.0	0.0
Total hrs worked to date: 5,851.0		Hrs worked MTD: 1,338.5	Total: 23.0 190.0

EQUIPMENT HOURS			
Serial Number	Description	Idle Hours	Operating Hours
WH5449, L-20	Kumatsu Front End Loader	0.0	0.0
03101	Volvo EW170 Rubber Tire Track Hoe, TE-6	0.0	2.0
531660128	Bobcat Skidsteer S-5	0.0	5.0
0336FCRAB	Cat 336 Track Hoe E-4	0.0	7.0
T-36	Dump Truck T-36	0.0	8.0
T-85	Dump Truck T-85	0.0	0.0
B-5	Sweeper B-5	0.0	5.0
R.8	Roller, Dynapac R.8	0.0	0.0
007	Dump Truck, Vynalek 007	0.0	0.0
R-15	Roller R-15	0.0	7.0
ECR145DL, E-20	Volvo Excavator E-20	0.0	8.0
L-5	Cat 950K L-5	0.0	5.0
E-19	Cat 314C Trackhoe E-19	0.0	8.0
T-78	Ludlow Rack Truck T-78	0.0	10.0
T-50	Ludlow Pickup Truck T-50	0.0	10.0
T-14	Ludlow Pickup Truck T-14	0.0	10.0
325 Excavator	Cat 325 Trackhoe, E-8	0.0	0.0
Vynalek	Dump Truck, Unmarked (Tan bed)	0.0	8.0
T 9	Dump Truck T-9	0.0	8.0
T-77	Dump Truck T-77	0.0	0.0
T-27	Dump Truck T-27	0.0	18.0
E-9	336 Track Hoe	0.0	8.0
Cat 950M	Cat 950M Fork Loader	0.0	5.0
Cat 430E Backhoe	Cat 430E Backhoe	0.0	0.0
T-60	Dump Truck T-60	0.0	10.0
T-64	Dump Truck T-64	0.0	8.0
T-42	Ludlow Pickup T-42	0.0	10.0
Dump Truck T-7	Dump Truck T-7	0.0	10.0
Sweeper B-3	Sweeper B-3	0.0	0.0

CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION						REPORT NUMBER 329		Page 4 of 4	
						DATE 12 Nov 2019 - Tuesday			
PROJECT Durham Meadows Waterline Remedial Design						CONTRACT NUMBER W912WJ19C0002			
T-77 Work Truck	Pick Up Truck					0.0	0.0		
T-86 Work Truck	Pick Up Truck					0.0	0.0		
T-40	Dump Truck T-40					0.0	10.0		
Total operating hrs to date:	5,128.5	Idle hrs MTD:	0.0	Opr hrs MTD:	1,372.0	Total:	0.0	180.0	
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	