

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 856		Page 1 of 0		
					DATE 22 Apr 2021 - Thursday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 34 °F Max 48 °F No Precipitation No Wind				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND		
STRUCTURAL EXCA- VATION	BORROW EXCA- VATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
100 %	100 %	100 %	100 %	100 %	34 °F	48 °F	0 MPH		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					<input checked="" type="checkbox"/> NO		24 HOUR PRECIPITATION		
					<input type="checkbox"/> YES (Explain)		INCHES	ENDING	
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
0	0	0	2	2	0	0.0	M		
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS					
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
0	0	0	0	0700	1530 M	M	M	M	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.									
QA NARRATIVES									
Work Performed Today:					Unresolved Issue: No		Shift: 1		
Kurt Mintell Billys crew is installing the connections & components for the AAV and the water tank. They were able to make the connection using the required components and the foster connectors recommended by AECOM (Rich Berlandy). The connection was successfully made. Per Rich Berlandy : Please have Ludlow install a concrete thrust block at the bend noted in the attachment to longitudinally restrain the Flex Tend flexible coupling. If you have any questions, please let me know. Relayed to Mike Pio - this will be done. Billy took elevation shots and measured the adjusted connections to create an accurate as- built.									
Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:					Unresolved Issue: No		Shift: 1		
Kurt Mintell Discussed with Mike Pio - thrust block installation at the bend in the AAV to Tank connection. Mike will install the thrust block as requested by AECOM.									
Safety:					Unresolved Issue: No		Shift: 1		
Kurt Mintell Safety Inspection: 1. PPE good 2. Traffic pattern/control - none needed today. 3. Working in excavation - YES , trench box meets requirement. There was some discussion about the excavation area between the Tank and AAV - the excavation is very wide 10-12 feet and is sloped back. SSHO and myself inspected, requested trench be sloped back more which was done - no issue 4. Muddy & trip hazards identified. 4. Situational awareness while working around heavy equipment.									
QA DEFICIENCY (Describe QA Deficiency items issued, verify QA Deficiency items reported corrected by contractor)									
The following QA Deficiency items were issued today:									
<u>QA Deficiency Item</u>	<u>Location</u>	<u>Description</u>					<u>Status</u>		
QA-00008	Tank Area	Please verify insulation placed around the Altitude Vault is correct. Crew installed 2" foam insulation. Please verify 12" lifts with 3.5- material compacted with a jumping jack meets the requirements around the Altitude Vault. Per drawing on page M107 - plan specifies 2" thick polystyrene board placed on all sides of the vault. Much of the backfill has been dug up to make the connections to and from the AAV.					QA Concurrs Corrected		
QA REPRESENTATIVE'S SIGNATURE			DATE		RE/PROJECT ENGR'S INITIALS			DATE	