

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 904		Page 1 of 0	
					DATE 09 Jun 2021 - Wednesday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 79 °F Max 91 °F No Precipitation No Wind			
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND	
STRUCTURAL EXCA- VATION 100 %	BORROW EXCA- VATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %	MINIMUM 79 °F	MAXIMUM 91 °F	0 MPH	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?					24 HOUR PRECIPITATION			
					INCHES 0.00		ENDING M	
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE			
SUPERVISORY 0	OFFICE 0	LAYOUT 0	INSPECTION 2	TOTAL 2	LABOR 0	FEET 0.0		TIME M
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS				
				<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3				
SUPERVISORY 0	SKILLED 0	LABORERS 0	TOTAL 0	FROM 0700	TO 1530 M	FROM M	TO M	FROM 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 <div style="display: flex; justify-content: space-between;"> <div> Contractor/Subcontractor & Area of Responsibility for Work: Kurt Mintell Ludlow 1 crew DN 1 crew United 1 electrician </div> <div> Unresolved Issue: No Shift: 2 </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> Work Performed Today: Kurt Mintell 1. Ludlow is installing the drainage at the tank access road, completed and back filled. Excavating at the Booster Station for electricity and phone 2. DN Tank - working inside the tank pressure washing 5000lb seams where the concrete wall panels adjoining. 3. United Concrete has one electrician onsite wiring at the AAV. </div> <div> Unresolved Issue: No Shift: 1 </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> CQC Inspection Phases Attended and Instructions Given: Kurt Mintell Preparatory Meeting - for the exterior of the tank. Two coats of Tamm coat paint to be applied. </div> <div> Unresolved Issue: No Shift: 1 </div> </div> <div style="margin-top: 10px;"> Reviewed: 1. Products being used 2. Silica product identified requiring respirator - noted respirator use today 3. Fall protection in man lift and on roof of tank 4. Storage of material if flammable 5. Emergency Response Plan 6. Weather - wind and temp 7. Abutters notified - YES 8. Proper color - Alpine 9. Expiration if products on the site --- NOT CLOSED Verified product was expired - DN replaced the TAMMCOAT containers expired in 2019. SEE BELOW </div> <div style="margin-top: 10px;"> FROM ROB PEDDICORD Andrew sorted it out. Old stuff is going away, new stuff on the way. </div> <div style="margin-top: 10px;"> From: Mintell, Kurt J CIV (USA) <Kurt.J.Mintell@usace.army.mil> Sent: Tuesday, June 8, 2021 9:11 AM To: Jerry Brandon <jbrandon@ludlowconstruction.com> Cc: Robert Peddicord <rpddicord@ludlowconstruction.com>; Currier, Joseph E CIV USARMY CENAE (USA) <Joseph.E.Currier@usace.army.mil> Subject: Tank Paint Expiration </div> <div style="margin-top: 10px;"> Jerry , While conducting the Prep Meeting yesterday it was noticed that some of the products had an expiration date form 2019. Please verify exactly what the date means- ie is it expired or it there a shelf life past the date on the product. </div> <div style="margin-top: 10px;"> Respect, </div>								

Kurt J. Mintell
Construction Control
USACE
OFF: 9783188362
Cell: 4138005219

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken: Unresolved Issue: No Shift: 1

Kurt Mintell
See attached email concerning DN Tank - Paint & Primer components for the TANK PAINTING

Sent: Wednesday, June 9, 2021 9:27:32 AM
To: Robert Peddicord <rpeddico@ludlowconstruction.com>
Cc: Eaton, Andy <Andy.Eaton@dntanks.com>; Moriwaki, Neil <Neil.Moriwaki@dntanks.com>
Subject: DN Tanks - CIM Primer

Rob,

Andy informed me that you requested an explanation as to what we are working on with the CIM Primer that we have on-site. The date that is shown on each individual bucket of the CIM primer is not the date the product inside the container was manufactured, it is the date that the container itself was made. We have been in contact with a representative of the manufacturer of the product, and he is checking into the actual batch date of the material itself to see if we are actually within the 1-year shelf life that is listed on the data sheet. Once we have an answer, we will let you know, and if it is within the 1-year shelf life we will have something from the manufacturer that we can send to you as documentation.

Please feel free to reach out with any questions.

Thank you,

Jake

Jake B. Sreca | Project Engineer
DN TANKS | Generations Strong
11 Teal Road, Wakefield, MA 01880
Main Office 781.224.5164
Mobile 804.252.3420
www.dntanks.com

ADDITIONALLY:

Rob,

Andy informed me that you requested an explanation as to what we are working on with the CIM Primer that we have on-site. The date that is shown on each individual bucket of the CIM primer is not the date the product inside the container was manufactured, it is the date that the container itself was made. We have been in contact with a representative of the manufacturer of the product, and he is checking into the actual batch date of the material itself to see if we are actually within the 1-year shelf life that is listed on the data sheet. Once we have an answer, we will let you know, and if it is within the 1-year shelf life we will have something from the manufacturer that we can send to you as documentation.

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Additionally:
Rob,

Please see below from the sales director with CIM Industries. The CIM primer that we have on-site currently will not be used, we have another shipment coming from our warehouse. The batch number for all units of CIM primer being delivered next week is 21092, which correlates to the manufacture date of the material itself. As you can see in the email below, the first two numbers are the year it was manufactured (2021). The next three is the day of the year they were filled. For this particular example the material was made on the 92nd day of 2021, which is April 2, 2021. This material is well within the 1-year shelf life.

We plan to utilize this material and the CIM 1061 top coat at the beginning of next week. Please let me know if there is anything else you need.

Thanks,

Jake

Jake B. Sreca | Project Engineer

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Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Kurt Mintell

Visit at 124 Maiden to review the water connection and where the 1" pipe would come through the brownstone foundation. There is a pre existing penetration for the well. Resident would like to use this for the new water service.

Mike Pio was there for the visit and agreed to use the penetration.

Safety:

Unresolved Issue: No

Shift: 1

Kurt Mintell

Safety Inspections items:

1. PPE - good
2. Traffic pattern/control - NONE needed today
3. Working in excavation - trench was approx. 48- 50 inch for the additional draining.
4. Muddy & trip hazards - NONE
4. Situational awareness while working around heavy equipment. - reviewed, excavating and filling tri axle trucks at the Meter
5. Proper lifting techniques - lift with knees not low back
6. COVID - no discussion today
7. Concrete placement today - None today
8. Caps on REBAR at meter vault covering upright bolts - YES
9. Ladders in the trench - NA
10. Meter Building - Excavation and install gravel at the site. work in the breakdown
11. Crane Plan for Meter Building approved
12. DN Tank - YES - onsite
13. Tank site - Inside the tank - PPE & Confined Space activity - noted sign in and sign out for tank access. DN Tank
14. Fall Protection while working on the dome - discussed and workers were using harness & precast tie offs in the concrete dome of the tank

LABOR INTERVIEWS

The following employees were interviewed today:

Employer	Employee / Classification
DN Tank	Andrew Eaton LABOR-CREW SUPERVISOR

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE