

**QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION**

REPORT NUMBER Page 1 of 0
904

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 EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %	MINIMUM 79 °F	MAXIMUM 91 °F	WIND 0 MPH
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?
 NO
 YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00	ENDING M
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NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY 0	OFFICE 0	LAYOUT 0	INSPECTION 2	TOTAL 2	LABOR 0	FEET 0.0	TIME M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 0	SKILLED 0	LABORERS 0	TOTAL 0	FROM 0700	TO 1530 M	FROM M	TO M	FROM M	TO M
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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

Contractor/Subcontractor & Area of Responsibility for Work: Unresolved Issue: No Shift: 2

Kurt Mintell
Ludlow 1 crew
DN 1 crew
United 1 electrician

Work Performed Today: Unresolved Issue: No Shift: 1

- 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.

CQC Inspection Phases Attended and Instructions Given: Unresolved Issue: No Shift: 1

Kurt Mintell
Preparatory Meeting - for the exterior of the tank.
Two coats of Tamm coat paint to be applied.

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

FROM ROB PEDDICORD

Andrew sorted it out. Old stuff is going away, new stuff on the way.

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 <rpeddicord@ludlowconstruction.com>; Currier, Joseph E CIV USARMY CENAE (USA) <Joseph.E.Currier@usace.army.mil>
Subject: Tank Paint Expiration

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.

Respect,

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 <rpeddicord@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 tan

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