

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

REPORT NUMBER 911 Page 1 of 0

DATE
16 Jun 2021 - Wednesday

PROJECT
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER
W912WJ19C0002

CONTRACTOR
Ludlow Construction Co., Inc.

WEATHER
Weather Caused No Delay
Temperature Min 55 °F Max 75 °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 55 °F	MAXIMUM 75 °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

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY 1	OFFICE 0	LAYOUT 0	INSPECTION 2	TOTAL 3	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

Work Performed Today:

Unresolved Issue: No Shift: 1

- Kurt Mintell
Ludlow -
1. Excavate for the duct bank leading to the tank.
2. Make #4 rebar mats for the duct bank.
3. Concrete placement into the duct - 22 CY

A & R Electric:
2 Workers installing conduit sections in the duct bank trench & at the Booster station installing 4" conduit from the street to the Booster STA.

DN Tank - peel test for interior humidity level 15peelwas the minimum and the peel test resulted in 22lb peel.
Primer rolled on the interior walls

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:

Unresolved Issue: No Shift: 1

Kurt Mintell
Inspect #4 rebar mats being premade - 7 inch spacing.
Concrete mix verified.
JTC onsite for testing of the second truck
SLUMP = 3" requirement 4 +/- 1%
AIR = 3.5% requirement 6 +/- 1.5%

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No Shift: 1

Kurt Mintell
Site visits:
168 Main - Homeowner would like tree removed in the trenching area (MIKE PIO OK WITH THIS) no issues here

216 Main - Pastor Greg - large red house, no issues with the installation. Home 99% of the time

199 Main Street -
201 Main Street -
215 Main Street -
All associated with Durham Manu - no issues with the drawings or installation - there is a finish cabinet in 201 where the water system will be connected.

Talked with AJ at 119 - he is om with contractor installing the 1" pipe through the foundation while he is not home - note basement floor is dirt.

Safety:

Unresolved Issue: No Shift: 1

Kurt Mintell Keeping you in the Lift Plan loop.....

From: Sreca, Jake <Jake.Sreca@dntanks.com>
Sent: Tuesday, June 15, 2021 1:10 PM
To: Robert Peddicord <rpeddlicord@ludlowconstruction.com>; Mike Pio <mpio@ludlowconstruction.com>
Cc: Eaton, Andy <Andy.Eaton@dntanks.com>; Moriwaki, Neil <Neil.Moriwaki@dntanks.com>
Subject: RE: DN Tanks - Small Lift Plan for Winch

Rob.

Yes those are correct. I will be sending a lift plan sometime today for the cable winch being lifted into place and then another for items 3 and 4, those will be with the same crane mobilization. The spider lift will again be the heaviest item so that will be the weight that I use for the lift plan.

Thanks,

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

DN TANK with winch :

Safety:

Unresolved Issue: No

Shift: 1

Kurt Mintell

Safety Inspections items:

1. PPE - good at 2 separate work sites.
2. Traffic pattern/control - NONE needed today
3. Working in excavation - Trenching for power to to the tank - no more than 48" deep so no trench box needed
4. Muddy & trip hazards - while trenching for power to the tank
4. Situational awareness while working around heavy equipment. Excavating for trench to tank No issues noted.
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 booster station - on the rebar for the generator.
9. Ladders in the trench - yes
10. Meter Building - NONE
11. Crane Plan _ NONE
12. DN Tank - YES - onsite making railing sections for the top of the dome. Non permitting access to roll the primer on the interior walls of the tank.
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. Witnessed 3 workers accessing the top of the tank. All were in proper PPE to include fall protection.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE