

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

REPORT NUMBER 906 Page 1 of 0

DATE
11 Jun 2021 - Friday

PROJECT
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER
W912WJ19C0002

CONTRACTOR
Ludlow Construction Co., Inc.

WEATHER
Weather Caused No Delay
Temperature Min 53 °F Max 78 °F
No Precipitation 5 MPH Wind

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE WIND

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM	WIND
0 %	0 %	0 %	0 %	0 %	53 °F	78 °F	5 MPH

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	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
0	0	0	1	1	0	0.0	M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3	5	5	13		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

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

Joseph Currier

Ludlow 1 crew - Prime
DN Tank 1 crew - Water tank
United 1 crew - Placement and hook up of Altitude vault, Booster station, Metering vault

Work Performed Today: Unresolved Issue: No Shift: 1

Joseph Currier

- Ludlow Has completed trenching at the booster station for electricity and comms. Concrete placement for duct bank is scheduled for next Monday the 14th of June. Ludlow is currently setting up formwork for a generator pad at the booster station.
- DN Tank - Has completed coatings on the exterior side of the tank. They are starting their second and final coat on the exterior top or "dome" this morning. They have pressure washed the joints on the inside of the tank. No coatings have been applied on the inside as of now. Exterior metal components such as the top access ladder are painted and awaiting installation. Overall tank completion is estimated at 45% currently.
- United Concrete - Has workers continuing with the hook ups for the metering vaults. Interior work only for now, backfilling, trenching for electrical etc will begin next week.

Safety: Unresolved Issue: No Shift: 1

Joseph Currier

Safety Inspections items:

- PPE - good at 3 separate work sites.
- Traffic pattern/control - NONE needed today
- Working in excavation - Some trenching at the booster station. With an open excavation for a generator pad. No safety concerns noted.
- Muddy & trip hazards - NONE
- Situational awareness while working around heavy equipment. Excavating and filling tri axle at the booster station. No issues noted.
- Proper lifting techniques - lift with knees not low back
- COVID - no discussion today
- Concrete placement today - None today. Next placement scheduled for 14 June 2021 at the booster station.
- Caps on REBAR at booster station - NA, no vertical rebar or bolts.
- Ladders in the trench - yes
- Meter Building - PPE being used. Hearing protection is needed for power tools in a small enclosed space.
- Crane Plan for Meter Building approved
- DN Tank - YES - onsite
- Tank site - Inside the tank - PPE & Confined Space activity - noted sign in and sign out for tank access. DN Tank
- Fall Protection while working on the dome - discussed and workers were using harness & precast tie offs in the concrete dome of the tank. Witnessed 3 workers accessing the top of the tank. All were in proper PPE to include fall protection.

Equipment Used Today Unresolved Issue: No Shift: 2

Joseph Currier

Booster station - 1 Excavator. 1 tri axle dump truck, 1 compactor (jumping jack)

Tank site - 1 telescoping boom lift

Metering vault - power tools only

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE