

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

REPORT NUMBER 916 Page 1 of 0

DATE
21 Jun 2021 - Monday

PROJECT
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER
W912WJ19C0002

CONTRACTOR
Ludlow Construction Co., Inc.

WEATHER
Weather Caused No Delay
Temperature Min 67 °F Max 81 °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 67 °F	MAXIMUM 81 °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 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: 1

Kurt Mintell
Install exterior water connection from curb stop into foundation.

1. 119 Main Street - short run 176 inches. Had approval from homeowner to do the work while no one is home. Excavated at proper location as drawn on the plans. Drill hole to insert 1" copper pipe. Noted KTR sealed with the hole with grout. Back fill sand 12" install blue marking tape. Add additional sand to keep the tape in place. Back fill with native soil in 12" lifts and compact with jumping jack - per Billy " do not compact within 24 inches of the house to prevent possible damage to old foundation - NO issues

2. 127 Main Street
Excavated from the curb stop - adjusted the path of the 1" copper pipe to prevent running through a stone patio on the north side of the house. This was discussed at the site visit with George the owner of the house. This adjustment lines the new water pipe directly with the well inside the basement. See attached photos of the red line drawings showing the adjustment.
97 LF for this service.
Area backfilled and penetration sealed-
12" sand with marking tape - trench backfilled with native 12" lift and compacted with jumping jack.

Work Performed Today:

Unresolved Issue: No

Shift: 2

Joseph Currier

DN Tanks - They are currently installing the exterior ladder on the South East side of the tank. Crane support was onsite this morning to lift the ladder structure till workers could adequately anchor it to the tank. Workers recently installed the railings on top of the tank with toe board installation still remaining. All coatings, interior and exterior are now complete. Overall completion of tank is at an estimated 80%.

CQC Inspection Phases Attended and Instructions Given:

Unresolved Issue: No

Shift: 1

Kurt Mintell
Follow Up for installing copper pipe from the curb stops, drilling into foundation and backfill. Jerry (QCM) reviewed depth requirements, backfill loam and seeding
AHAs reviewed and Safety Meeting prior to work

Safety:

Unresolved Issue: No

Shift: 1

- Kurt Mintell
Safety Inspections items:
1. PPE - good at 2 separate work sites.
 2. Traffic pattern/control - Traffic control for the water services at 120 & 127 Main
 3. Working in excavation - Trenching for exterior 1" pipe from curb stop to house - trench box utilized
 4. Muddy & trip hazards - while trenching and working around tight quarters
 4. Situational awareness while working around heavy equipment. Excavating for trench/ mini excavator
 5. Proper lifting techniques - lift with knees not low back
 6. COVID - no discussion today
 7. Concrete placement today - NONE
 8. Caps on REBAR at booster station - on the rebar for the generator.
 9. Ladders in the trench - yes
 - 10.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE