

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

REPORT NUMBER 918 Page 1 of 1

DATE  
23 Jun 2021 - Wednesday

PROJECT  
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER  
W912WJ19C0002

CONTRACTOR  
Ludlow Construction Co., Inc.

WEATHER  
Weather Caused No Delay  
Temperature Min 50 °F Max 77 °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 50 °F	MAXIMUM 77 °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.

- 176 Main Street = 37.5 LF of 1" copper pipe  
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 - Noted dog electric fence wire needed to be disconnected prior to excavation
- 186 Main Street TOTAL = 14 LF of 1" copper pipe  
Excavated from the curb stop - to the house 90 approx bend - excavated to 60" drill into foundation- Area backfilled and penetration sealed- 12" sand with marking tape - trench backfilled with native 12" lift and compacted with jumping jack. Dog fence disconnected and reconnected upon completion
- 188 Main Street - started this service - did not complete, excavate along house and drill - snake 1" copper pipe through the foundation and seal. Will complete tomorrow.

United Concrete - one electrician onsite working at the Booster Station.

DN Tank install Tyflex pipe - part of the mixing system, installed approx 75% of the system.

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

Kurt Mintell  
Jerry ,  
Please see identified issues for the INTERIOR of the water tank that should be addressed prior to the walk through:

- There is a penetration hole on NW side of the tank towards the NW at the top.
- There is a penetration hole on the SE side of the tank towards the SE at the top.
- Clean black paint splatter in the footing and floor of the tank
- Final touchup of the black epoxy to smooth the seams
- There are shims behind the railing inside the tank railings facing the access road.
- Clean and flush the drain in floor
- Wood form pieces around the drain need to be removed (floor)
- Patch holes in the ceiling.

Feel free to add additional comments if anyone identifies other items.

Respect,  
Kurt J. Mintell  
Construction Control  
USACE  
OFF: 9783188362

Cell:4138005219

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Noted KTR removing larger stones while excavating for the waters services. See photo.

Noted 2 different color paint on the Teleflex piping inside the tank - FOLLOW UP

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

Kurt Mintell

Please note email related to the tank piping components:

Sent to Jerry, Mike Pio & Rob Peddicord.

Can someone please verify the tank piping is:

1. The correct paint – the Teleflex system is 2 different colors, which is the correct one?
2. There are some chips in the paint on some of the piping, will this be touched up?

I understand DN is requesting an interior walk-through on Friday. It would be better if these items are addressed prior.

While Andrew (from DN) is very competent and helpful, I would need better supporting docs other than him telling us the paint is correct.

Respect,

Kurt J.Mintell

Construction Control

USACE

OFF: 9783188362

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**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. Safety Meeting for the installation of the tyflex pipe inside the pipe - review requirements for rigging.

QA REPRESENTATIVE'S SIGNATURE	DATE	RE/PROJECT ENGR'S INITIALS	DATE
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