

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

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DATE  
13 Sep 2021 - Monday

PROJECT  
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER  
W912WJ19C0002

CONTRACTOR  
Ludlow Construction Co., Inc.

WEATHER  
Weather Caused No Delay  
Temperature Min 63 °F Max 82 °F  
No Precipitation No Wind

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE WIND

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM	
100 %	100 %	100 %	100 %	100 %	63 °F	82 °F	0 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	ENDING
0.00	M

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
1	0	0	1	2	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
0	0	0	0	0700	1530 M	M	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**

**Work Performed Today:**

Unresolved Issue: No Shift: 1

Kurt Mintell

Exterior connection at 22 Wallingford Road  
1.5" copper pipe = 74.5 completed Friday +and additioanl 120LF installed today  
Meter Pit =1  
Sidewalk pierce = 0

Noted trenching activities:

sand placed over the pipe - pipe lifted to ensure approx. 3" ends up under the pipe, place an additional 12" of sand over the pipe, place marking tape over the pipe.  
Backfill the trench with approx. 12" of onsite material and compact.  
Loam and seed the footprint from excavation.

Fazzino onsite competed 22, 17 & 47 Wallingford Road - KTR will be going back to 17 to remove the existing filter system & to 22 to remove the existing water softener.

Frontier was onsite to install poles at the Booster station & the meter vault.

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

Kurt Mintell

Requested materials audit of all components being used by AR Electric. Meaning collect all shop drawings and verify the components and means and methods being used match the spec since there is some variation in the drawings.  
KEEP OPEN AND CARRY DAILY

Contractor installed additional sediment & Silt controls worked well for the 6" rain event. This was extra material & labor requested by EPA, the contractor will be requesting Equitable Adjustment for this work & labor. KEEP OPEN.

Noted trenching activities - KTR used marking tape over the sand approx. 12" of sand.  
back fill with existing material and compact - approx 12" lifts

Requested silt controls improved at the Maiden Stream Crossing. - REMAINS OPEN.

Meet with Fazzino Plumbing to revuew requiremmts for removal of existing filtration systems - I explained that each house has a drawing and the information is on the drawing - there was some confusion on what constitutes a filter vs water softener.

**Safety:** Unresolved Issue: No Shift: 1

Kurt Mintell Safety Inspections items:

1. PPE - Good -
2. Traffic pattern/control - working on 68 - flagger onsite for traffic control
3. Working in excavation - Trenching for exterior penetration, trench box needed while working on Wallingford Road. - noted ladders in trench
4. Muddy & trip hazards - while trenching and working around tight quarters - none today
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 - Discussion prior the work day - Agreed that workers will wear a mask when entering someone's home

- 7. Ladders in the trench - as needed.
- 8. Discussion with Rob ensuring the jobsite is secure at all locations prior to leaving the site.
- 9. Equipment being driven on roads - have a truck behind with flashing lights.

REVIEW WITH SSHO:

Any equipment backing up needs to have a back up person.

One of the truck drivers inadvertently drove over the meter pit installed at 22 Wallingford, this will need to be replaced. NO back up person was assisting the driver.

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