

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

REPORT NUMBER 472 Page 1 of 0

DATE
03 Apr 2020 - Friday

PROJECT
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER
W912WJ19C0002

CONTRACTOR
Ludlow Construction Co., Inc.

WEATHER
Weather Caused No Delay
Temperature Min 42 °F Max 47 °F
0.50 IN Precipitation No 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 % | 42 °F | 47 °F | 0 MPH |

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT? NO YES (Explain)

24 HOUR PRECIPITATION

| | |
|--------|--------|
| INCHES | ENDING |
| 0.50 | 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 | 6 | 6 | 15 | 0700 | 1500 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

Contractor/Subcontractor & Area of Responsibility for Work: Unresolved Issue: No Shift: 1

Kurt Mintell
Project involves installing water main from a new Middletown Water Tank into Durham and tying into homes & businesses:

Prime Contractor: Ludlow - Installing watermain & associated components.
Subcontractor: ACE Consulting - SSHO Rob Peddicord & CQC Jerry Brandon
Subcontractor: Connecticut Traffic Control - None today
Subcontractor: John Turner Consulting - No compaction testing today
Middletown Police x2

Work Performed Today: Unresolved Issue: No Shift: 1

Kurt Mintell
Water Tank Site:
Continued grubbing with the Caterpillar 336 excavator. Excavate stumps & associated debris.
Prep work area for 20" pipe installation starting Monday

State/Town Roads:

1. Excavate on 17 at STA 125+20 to tie into existing BV. Install 16" Restrained pipe across 17 for future Water Meter Vault.
 2. Excavate and install 16" Restrained at STA124+72 heading toward Water Meter Vault. This is tied into Water main installed last year
 3. Install 8" restrained - attached to new watermain for hydrant
- All three stubs identified above were blocked off and back filled properly per permit
2 2" lifts of HMA installed
4. Workers assembling butterfly valve assemblies at the laydown area

Utilities encountered while excavating:

1. Known gas main on 17 north lane

Pay Items:

1. 8" Restrained Pipe - 0 LF
2. Fire Hydrant Assembly - 0
3. Police - 2 Middletown Police
4. Illuminated Signs - yes
5. Sawcut Town Roads - 52 Feet
6. Sawcut State Roads - 0 Feet
7. 16" Restrained Pipe - 17 LF One 8' Section @ 124+71 One 9' Section @ 125+20
8. Bank Run Gravel=11.06CD

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

Kurt Mintell Noted Proper new material being used in Middletown Town Roads per permit.

Verbal Instructions Given to Contractor: Unresolved Issue: No Shift: 1

- Kurt Mintell
1. Ensure Middletown Road requirements for back fill are being used.
 2. Ensure State Right of Way is being repaired of equipment ruts and any other construction debris.

3. All road signs removed from work areas and put away properly at the end of shift.

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Kurt Mintell Jerry - QC
Rob P - SSHO
John Pio - Superintendent
Mike Pio - Not today
USACE - KM
AECOM - Joel was onsite providing extra oversight of the contractor.
Steve Sturges - NO testing today

Ludlow has 12 workers onsite
6 Skilled & 6 Laborers
2 Middletown Police

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Kurt Mintell Water encountered while excavating
None

PR Comments, encounters or issues: NONE

CT DOT onsite or communication: NONE

Safety:

Unresolved Issue: No

Shift: 1

Kurt Mintell Noted portable hand wash station on back of tool truck, cleaning supplies nitrile gloves, face masks.
Workers fill out daily forms indicating they are not demonstrating any symptoms of COVID 19 and turning into SSHO.

Daily Safety Inspections:

1. Noted proper PPE while cutting Steel pipe with cut off saw.
2. Two Middletown Police and cones on 17 - leaving one lane open.
3. Discussed situational awareness while working around heavy equipment.
4. Situational awareness not to work in close proximity to each other (COVID PREVENTION)
5. Trench box being used for all excavations while working in trench

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE