

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

REPORT NUMBER 1051 Page 1 of 0

DATE
03 Nov 2021 - Wednesday

PROJECT
Durham Meadows Waterline Remedial Design

CONTRACT NUMBER
W912WJ19C0002

CONTRACTOR
Ludlow Construction Co., Inc.

WEATHER
Weather Caused No Delay
Temperature Min 0 °F Max 0 °F
No Precipitation No Wind

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

| STRUCTURAL EXCAVATION | BORROW EXCAVATION | EMBANKMENT | CONCRETE | STRUCTURE | MINIMUM | MAXIMUM | WIND |
|-----------------------|-------------------|------------|----------|-----------|---------|---------|-------|
| 0 % | 0 % | 0 % | 0 % | 0 % | 0 °F | 0 °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 0.00 ENDING M

NUMBER OF GOVERNMENT EMPLOYEES

| SUPERVISORY | OFFICE | LAYOUT | INSPECTION | TOTAL | LABOR | FEET | TIME |
|-------------|--------|--------|------------|-------|-------|------|------|
| 0 | 0 | 0 | 2 | 2 | 0 | 0.0 | M |

RIVER STAGE

NUMBER OF CONTRACTOR'S EMPLOYEES

| NUMBER OF CONTRACTOR'S EMPLOYEES | | | | NUMBER OF SHIFTS | | | | | |
|----------------------------------|---------|----------|-------|------------------|--------|------|----|------|----|
| 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
LUDLOW

187 Maple Ave - Contractor had to move the location of the water service to the south side of the house - AECOM drawing showed entrance into crawl space - slab. no issues with this relocation.
1" copper pipe = 46.5LF of 1" copper pipe

200 Maple Ave :

1. 52LF " copper pipe - the water pipe needed to be rerouted from the AECOM design.

248 Mains Street - MOD work:

Excavate where the water pipe trench was to expose the foundation and the water pipe and penetration - seal all of the cracks in the dry fit stone foundation. Per Ludlow (Billy) they would be sealing 2x to ensure all cracks are sealed - no compaction along the foundation to prevent damage

Fazzino NOT onsite today.

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:

Unresolved Issue: No Shift: 1

Kurt Mintell

Noted upon inspection the top of the wall of the retaining wall appears to be leaning toward the fill side.
Discussed with Billy from Ludlow - noted wall is not complete and if there is an issue it will be resolved when contractor completes the wall.

KEEP OPEN - the wall has been backfilled and completed. There appears to be a slight lean inward on the wall. Will keep open

Noted compaction with hand held compactor for the exterior water connections when closing the trench.

Loam spread and seeded at the Maple Street properties.

Review MADE in USA requirements with Fazzino Plumbing

Safety:

Unresolved Issue: No Shift: 1

Kurt Mintell Safety Inspections items:

1. PPE - Good - all personnel were in proper PPE when entering the site.
2. Traffic pattern/control - YES - working on Maple - local traffic only signs. School buses allowed through
3. Working in excavation - YES - review requirements for trench work with crew & SSHO
4. Situational awareness while working around heavy equipment. trenching and back fill activities
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 - Needed for trenching activity - reviewed with crew & SSHO
8. Equipment being driven on roads - have a truck behind with flashing lights. YES
9. Face Mask / full cover while cutting rebar. NO rebar today
10. Hearing protection used during ledge removal operations - NO ledge removal today.
11. Crane Activity - NONE
12. Tank access with harness - NA
13. Inspection of tie downs - new item added with SSHO

NOTE - LUDLOW assumed responsibility for the harnesses that go with the tank (Rob Peddicord)

REVIEW WITH SSHO:

Discussed the ladder fall protection system with the SSHO. We discussed the need for the proper harness and lanyard if workers need to ascend the ladder. While most workers are accessing the tower with lifting equipment some may need to climb the ladder. In this event I informed him we do have two harness systems for that purpose. KEEP OPEN for further discussion.

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