| QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION                                                                                                                                                       |                                                                                                                                                         |                                                                                 |                                                |                         |                         |               |                                 |                                                         | REPORT NUMBER<br>633         |               |          |              | Page 1 of 0 |          |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------|-------------------------|-------------------------|---------------|---------------------------------|---------------------------------------------------------|------------------------------|---------------|----------|--------------|-------------|----------|------|
|                                                                                                                                                                                                                |                                                                                                                                                         |                                                                                 |                                                |                         |                         |               |                                 |                                                         | DATE<br>11 Sep 2020 - Friday |               |          |              |             |          |      |
| PROJECT Durham Meadows Waterline Remedial Design                                                                                                                                                               |                                                                                                                                                         |                                                                                 |                                                |                         |                         |               |                                 | CONTRACT NUMBER W912WJ19C0002                           |                              |               |          |              |             |          |      |
| CONTRACTOR                                                                                                                                                                                                     |                                                                                                                                                         |                                                                                 |                                                |                         |                         |               | WEATHER Weather Caused No Delay |                                                         |                              |               |          |              |             |          |      |
| Ludlow Construction Co., Inc.                                                                                                                                                                                  |                                                                                                                                                         |                                                                                 |                                                |                         |                         |               |                                 | Temperature Min 0 °F Max 0 °F  No Precipitation No Wind |                              |               |          |              |             |          |      |
|                                                                                                                                                                                                                | PORTION O                                                                                                                                               |                                                                                 |                                                |                         |                         |               |                                 |                                                         |                              | TEMPERATURE   |          |              |             |          | WIND |
| STRUCTURAL EXCA- BORROW EXCA- VATION 0 % 0 % EMBANK                                                                                                                                                            |                                                                                                                                                         |                                                                                 | MENT<br>0 %                                    | CONCR                   | ETE<br>0 %              |               | UCTURE                          | 0 %                                                     | MINIMUN                      | 1<br>0°F      | MAXIMUM  | 0 °F         |             | 0 MPH    |      |
|                                                                                                                                                                                                                | ı                                                                                                                                                       |                                                                                 | 1                                              |                         | X NO                    |               |                                 |                                                         | 24 HOUR PRECIPITATION        |               |          |              |             |          |      |
| HAS ANYTHING DEVELOPED ON THE WORK WI<br>LEAD TO A CHANGE ORDER OR FINDING FO FA                                                                                                                               |                                                                                                                                                         |                                                                                 |                                                | WHICH MIGHT             |                         |               |                                 | INCHES EN                                               |                              |               |          | NDING        | М           |          |      |
|                                                                                                                                                                                                                | NU                                                                                                                                                      | MBER OF                                                                         | GOVERNA                                        | MENT EMPLOYEES          |                         |               |                                 |                                                         | RIVER STAGE                  |               |          |              |             |          |      |
| SUPERVISORY                                                                                                                                                                                                    | OFFICE                                                                                                                                                  | LAY                                                                             | DUT                                            | INSPECT                 | ION                     | TOTAL         |                                 | LABOR                                                   |                              | FEET          |          |              | TI          | ME       |      |
| 1                                                                                                                                                                                                              |                                                                                                                                                         | 0                                                                               | 0                                              |                         | 1                       |               | 2                               |                                                         | 0                            |               |          | 0.0          |             |          | М    |
| NUMBER<br>SUPERVISORY                                                                                                                                                                                          | OF CONTRAC                                                                                                                                              |                                                                                 |                                                | TOTAL                   |                         | NUMBI<br>FROM |                                 | SHIFTS                                                  | l co                         | 1<br>OM       | ТО       |              | FROM        |          | TO   |
| SUPERVISORY<br>0                                                                                                                                                                                               | SKILLED                                                                                                                                                 | 0 LABO                                                                          | ORERS 0                                        | TOTAL                   | 0                       |               | 700                             | TO<br>1530                                              |                              | OM            | м        | М            | FROM        | М        | ТО   |
| Atta                                                                                                                                                                                                           | ch a list of the f                                                                                                                                      | following.                                                                      | a) Major ite                                   |                         | oment eith              | er idle or v  | working                         | , and (b) Nu                                            | mber aı                      |               |          |              | ersonnel    |          |      |
| QA NARRAT                                                                                                                                                                                                      | TE: if the contra                                                                                                                                       | ictor's Qua                                                                     | lity Control                                   | Report (Q0              | JR) conta               | ins the info  | rmatior                         | it need not                                             | be repe                      | eated.        |          |              |             |          |      |
| Work Perfor                                                                                                                                                                                                    |                                                                                                                                                         |                                                                                 |                                                |                         |                         |               |                                 | Un                                                      | resolve                      | ed Issue:     | No       | Shift        | t: 1        |          |      |
| ITEMS: 31: 5 1 INC STA 936+5 34: 104.5 F 62: 110 FE  Billys Crew ITEMS: 0028: 1" C 0031: 1" C 0031: 1" C 0054: 25.2                                                                                            | aple Ave - ins CH CURB STO 63, AND HOU FEET OF 1 IN FET OF SAW Finistalling cur forporation = 1 forporation = 2 forpore Pipe = 28 forpore Cut State Roa | OPS: HO<br>SE # EM<br>CH COF<br>CUT<br>b stops of<br>174+69<br>@ 331 M<br>104LF | USE #236<br>PTY LOT:<br>PER: #23<br>on Main St | : STA 939<br>6: 16.5, H | +57<br>OUSE #<br>urham: | 244: 17, I    | HOUS                            |                                                         |                              |               |          |              |             | : #235:  |      |
| DN Tank:<br>Erecting Pa                                                                                                                                                                                        | anels with 400                                                                                                                                          | ) ton crai                                                                      | ne. KTR ei                                     | rected 6 w              | /all section            | ons and b     | oraced                          | up using d                                              | liagona                      | al braces     | already  | attached t   | o the pa    | anels.   |      |
| Vallieux Cutting on 17 for the Permanent Paving, one Ludlow Employee supporting the work. One State Police & 1 Flagger.  CQC Inspection Phases Attended and Instructions Given:  Unresolved Issue: No Shift: 1 |                                                                                                                                                         |                                                                                 |                                                |                         |                         |               |                                 |                                                         |                              |               |          |              |             |          |      |
| Kurt Mintel                                                                                                                                                                                                    | l Noted cor                                                                                                                                             | npaction                                                                        | on Maple                                       | Ave. Prop               | oer lifts a             | nd compa      | acted l                         | ayers.                                                  |                              |               |          |              |             |          |      |
| Verbal Instru                                                                                                                                                                                                  | uctions Give                                                                                                                                            | n to Con                                                                        | tractor:                                       |                         |                         |               |                                 | Un                                                      | resolve                      | ed Issue:     | No       | Shift        | t: 1        |          |      |
| Kurt Mintell Discussion with Jerry (QCM) concerning DN Tank deliveries being deliveries                                                                                                                        |                                                                                                                                                         |                                                                                 |                                                |                         | ivered                  | to J. Baror   | nes ho                          | use. Jerry                                              | will ins                     | stall additio | nal sigr | ns to        |             |          |      |
| -                                                                                                                                                                                                              | re the deliveri<br>us Remarks                                                                                                                           | _                                                                               | tors to Pre                                    | oject:                  |                         |               |                                 | Un                                                      | resolve                      | ed Issue:     | No       | Shift        | t: 1        |          |      |
|                                                                                                                                                                                                                | l<br>prrespondence<br>las an issue a                                                                                                                    |                                                                                 |                                                | Lane - br               | ought up                | at weekl      | ly mee                          | ting OPE                                                | N ITE                        | M             |          |              |             |          |      |
|                                                                                                                                                                                                                | with Jerry C0<br>9/2/2020 - wil                                                                                                                         |                                                                                 |                                                |                         |                         |               | le Ave                          | - need to                                               | be cov                       | ered with     | silt soc | cks while w  | orking.     | Left     |      |
| Safety:                                                                                                                                                                                                        |                                                                                                                                                         |                                                                                 |                                                | ,                       |                         |               |                                 | Un                                                      | resolve                      | ed Issue:     | No       | Shift        | t: 1        |          |      |
| no issues v                                                                                                                                                                                                    | l<br>with Rob Peo<br>with the crane<br>Safety Meetin                                                                                                    | at this ti                                                                      |                                                | ne crane s              | et up & բ               | olacemen      | t The o                         | crane is se                                             | t up wl                      | here it wa    | s draw   | n in the pla | n and th    | here are | ;    |

| JA RE | PRESENTATIVE'S SIGNATURE                         | DATE  | RE/PROJECT ENGR'S INITIALS  | DATE |
|-------|--------------------------------------------------|-------|-----------------------------|------|
| 7V D. | DDESENTATIVE'S SIGNATURE                         | IDATE | DE/DDO IECT ENCORO INITIALO | DATE |
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|       | Crane safe work area.                            |       |                             |      |
|       | Communication. Crane location                    |       |                             |      |
|       | Proper Tie off Points Communication.             |       |                             |      |
|       | Weather                                          |       |                             |      |
|       | Competent Person<br>Safety Zone<br>Weather       |       |                             |      |
|       | Pinch Points Competent Person                    |       |                             |      |
|       | Review AHAs related to tank wall panel erection. |       |                             |      |
|       |                                                  |       |                             |      |
|       | Barnhardt Crane                                  |       |                             |      |
|       |                                                  |       |                             |      |