

## **2021 SUBSIDENCE SURVEY REPORT**

### **I. Survey Data:**

During the months of March through July 2021, subsidence survey data was collected periodically from established stations on the Union Pacific Railroad Energy Spur during undermining by the 7 East longwall panel.

The data and frequency for the survey monuments along the Union Pacific Railroad are presented in the attached Table No. 1.

### **II. Structures:**

Structures affected during the 2021 reporting period include the Union Pacific Railroad Energy Spur.

Daily surveys and observations of the Union Pacific Railroad (UPRR) over the 7 East panel were performed from May 18, 2021 through July 16, 2021. Earlier surveys in March and April 2021 were performed in order to collect baseline data prior to undermining. A follow-up report on the survey data and observations was submitted to various personnel from the UPRR on a daily basis. It was suggested that re-leveling/raising of the track be performed sequentially as mining progressed. To assist in the re-leveling process, Twentymile supplied railroad tamping and ballast regulator equipment for railroad personnel use. Partial re-leveling of the rail line to acceptable differential gradients by UPRR personnel continued on a day-to-day basis through July 16, 2021. The rail line has been re-leveled and raised to the post mining target elevation.

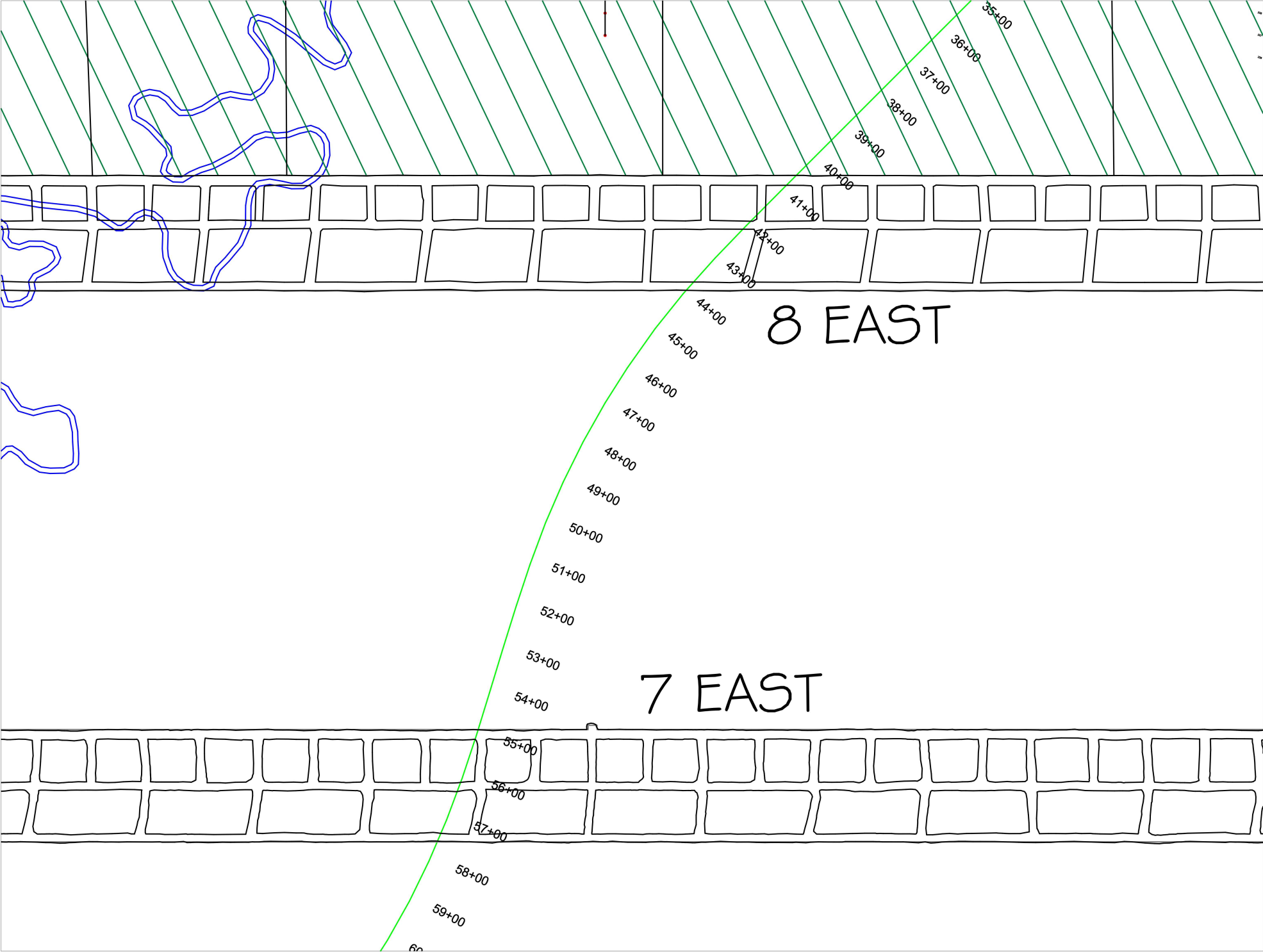
### **III. Map:**

The monitoring locations for 2021 are shown on the attached subsidence map. Monitoring locations included stations 35+00 through 60+00 on the UPRR Energy Spur.

### **IV. Conclusions:**

Subsidence surveys disclosed no unusual developments during the reporting period. Subsidence magnitudes and projected draw angles were within the anticipated ranges previously documented for the area.

Structures remained essentially unaffected during the period with the exception of the predicted impacts to the Union Pacific Energy Spur. No adverse impacts, i.e. imminent failure of structure, were evident with regard to the railroad.



**Table 1 - Daily Subsidence Data**

| WC 7 East Panel - UPRR Energy Spur |         |           |           |                                                                                                                               | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                        |                                                                      |            |             |            |           |                  |                  |                                                 |         |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|---------|
|                                    |         |           |           |                                                                                                                               | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it. |                                                                      |            |             |            |           |                  |                  |                                                 |         |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |         |
| STATION:                           |         |           | 104+06    |                                                                                                                               |                                                                                        | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW |            |             |            |           |                  |                  |                                                 | 6710.86 |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |         |
|                                    |         |           |           |                                                                                                                               |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |         |
|                                    |         |           |           |                                                                                                                               |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |         |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.                                                                                  | DELTA NORTH                                                          | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |         |
| 3/29/2021                          | 3500    | 3500      | 51147.87  | 33081.13                                                                                                                      | 6674.31                                                                                |                                                                      |            |             |            |           |                  |                  | 0.00                                            |         |
| 4/6/2021                           | 3500    | 3500      | 51148.15  | 33081.14                                                                                                                      | 6674.26                                                                                | 0.283                                                                | 0.014      | -0.053      | 0.283      | 0.014     | -0.053           | -0.636           |                                                 |         |
| 5/13/2021                          | 3500    | 3500      | 51147.81  | 33081.13                                                                                                                      | 6674.24                                                                                | -0.346                                                               | -0.011     | -0.018      | -0.063     | 0.003     | -0.071           | -0.852           |                                                 |         |
| 5/18/2021                          | 3500    | 3500      | 51147.90  | 33081.11                                                                                                                      | 6674.27                                                                                | 0.090                                                                | -0.025     | 0.034       | 0.027      | -0.022    | -0.037           | -0.444           |                                                 |         |
| 5/19/2021                          | 3500    | 3500      | 51147.91  | 33081.11                                                                                                                      | 6674.22                                                                                | 0.014                                                                | 0.006      | -0.053      | 0.041      | -0.016    | -0.090           | -1.080           |                                                 |         |
| 5/20/2021                          | 3500    | 3500      | 51147.86  | 33081.09                                                                                                                      | 6674.26                                                                                | -0.048                                                               | -0.023     | 0.040       | -0.007     | -0.039    | -0.050           | -0.600           |                                                 |         |
| 5/21/2021                          | 3500    | 3500      | 51147.90  | 33081.06                                                                                                                      | 6674.29                                                                                | 0.034                                                                | -0.024     | 0.029       | 0.027      | -0.063    | -0.021           | -0.252           |                                                 |         |
| 5/24/2021                          | 3500    | 3500      | 51147.87  | 33081.07                                                                                                                      | 6674.27                                                                                | -0.025                                                               | 0.008      | -0.021      | 0.002      | -0.055    | -0.042           | -0.504           |                                                 |         |
| 5/25/2021                          | 3500    | 3500      | 51147.89  | 33081.07                                                                                                                      | 6674.21                                                                                | 0.015                                                                | -0.006     | -0.061      | 0.017      | -0.061    | -0.103           | -1.236           |                                                 |         |
| 5/26/2021                          | 3500    | 3500      | 51147.90  | 33081.10                                                                                                                      | 6674.24                                                                                | 0.009                                                                | 0.029      | 0.035       | 0.026      | -0.032    | -0.068           | -0.816           |                                                 |         |
| 5/27/2021                          | 3500    | 3500      | 51147.83  | 33081.05                                                                                                                      | 6674.24                                                                                | -0.067                                                               | -0.043     | 0.001       | -0.041     | -0.075    | -0.067           | -0.804           |                                                 |         |
| 5/28/2021                          | 3500    | 3500      | 51147.90  | 33081.04                                                                                                                      | 6674.21                                                                                | 0.071                                                                | -0.013     | -0.031      | 0.030      | -0.088    | -0.098           | -1.176           |                                                 |         |
| 5/29/2021                          | 3500    | 3500      | 51147.86  | 33081.06                                                                                                                      | 6674.23                                                                                | -0.042                                                               | 0.025      | 0.020       | -0.012     | -0.063    | -0.078           | -0.936           |                                                 |         |
| 6/1/2021                           | 3500    | 3500      | 51147.87  | 33081.06                                                                                                                      | 6674.23                                                                                | 0.009                                                                | -0.007     | 0.003       | -0.003     | -0.070    | -0.075           | -0.900           |                                                 |         |
| 6/2/2021                           | 3500    | 3500      | 51147.82  | 33081.03                                                                                                                      | 6674.24                                                                                | -0.044                                                               | -0.023     | 0.008       | -0.047     | -0.093    | -0.067           | -0.804           |                                                 |         |
| 6/3/2021                           | 3500    | 3500      | 51147.81  | 33081.02                                                                                                                      | 6674.21                                                                                | -0.013                                                               | -0.017     | -0.035      | -0.060     | -0.110    | -0.102           | -1.224           |                                                 |         |
| 6/4/2021                           | 3500    | 3500      | 51147.90  | 33081.09                                                                                                                      | 6674.19                                                                                | 0.085                                                                | 0.071      | -0.017      | 0.025      | -0.039    | -0.119           | -1.428           |                                                 |         |
| 6/5/2021                           | 3500    | 3500      | 51147.86  | 33081.05                                                                                                                      | 6674.26                                                                                | -0.035                                                               | -0.042     | 0.067       | -0.010     | -0.081    | -0.052           | -0.624           |                                                 |         |
| 6/8/2021                           | 3500    | 3500      | 51147.88  | 33081.03                                                                                                                      | 6674.19                                                                                | 0.016                                                                | -0.014     | -0.072      | 0.006      | -0.095    | -0.124           | -1.488           |                                                 |         |
| 6/9/2021                           | 3500    | 3500      | 51147.89  | 33081.08                                                                                                                      | 6674.20                                                                                | 0.015                                                                | 0.047      | 0.013       | 0.021      | -0.048    | -0.111           | -1.332           |                                                 |         |
| 6/10/2021                          | 3500    | 3500      | 51147.85  | 33081.08                                                                                                                      | 6674.22                                                                                | -0.043                                                               | -0.003     | 0.018       | -0.022     | -0.051    | -0.093           | -1.116           |                                                 |         |
| 6/11/2021                          | 3500    | 3500      | 51147.88  | 33081.05                                                                                                                      | 6674.22                                                                                | 0.026                                                                | -0.024     | 0.004       | 0.004      | -0.075    | -0.089           | -1.068           |                                                 |         |
| 6/12/2021                          | 3500    | 3500      | 51147.84  | 33081.10                                                                                                                      | 6674.19                                                                                | -0.040                                                               | 0.050      | -0.030      | -0.036     | -0.025    | -0.119           | -1.428           |                                                 |         |
| 6/14/2021                          | 3500    | 3500      | 51147.84  | 33081.05                                                                                                                      | 6674.21                                                                                | 0.001                                                                | -0.052     | 0.020       | -0.035     | -0.077    | -0.099           | -1.188           |                                                 |         |
| 6/15/2021                          | 3500    | 3500      | 51147.89  | 33080.98                                                                                                                      | 6674.21                                                                                | 0.054                                                                | -0.075     | 0.001       | 0.019      | -0.152    | -0.098           | -1.176           |                                                 |         |
| 6/16/2021                          | 3500    | 3500      | 51147.90  | 33081.08                                                                                                                      | 6674.20                                                                                | 0.009                                                                | 0.109      | -0.009      | 0.028      | -0.043    | -0.107           | -1.284           |                                                 |         |
| 6/17/2021                          | 3500    | 3500      | 51147.84  | 33081.05                                                                                                                      | 6674.21                                                                                | -0.061                                                               | -0.030     | 0.006       | -0.033     | -0.073    | -0.101           | -1.212           |                                                 |         |
| 6/18/2021                          | 3500    | 3500      | 51147.80  | 33081.00                                                                                                                      | 6674.19                                                                                | -0.039                                                               | -0.052     | -0.023      | -0.072     | -0.125    | -0.124           | -1.488           |                                                 |         |
| 6/19/2021                          | 3500    | 3500      | 51147.85  | 33081.06                                                                                                                      | 6674.21                                                                                | 0.048                                                                | 0.058      | 0.020       | -0.024     | -0.067    | -0.104           | -1.248           |                                                 |         |
| 6/21/2021                          | 3500    | 3500      | 51147.81  | 33081.05                                                                                                                      | 6674.21                                                                                | -0.041                                                               | -0.013     | 0.005       | -0.065     | -0.080    | -0.099           | -1.188           |                                                 |         |
| 6/22/2021                          | 3500    | 3500      | 51147.85  | 33081.00                                                                                                                      | 6674.17                                                                                | 0.044                                                                | -0.048     | -0.044      | -0.021     | -0.128    | -0.143           | -1.716           |                                                 |         |
| 6/23/2021                          | 3500    | 3500      | 51147.84  | 33081.03                                                                                                                      | 6674.21                                                                                | -0.009                                                               | 0.033      | 0.046       | -0.030     | -0.095    | -0.097           | -1.164           |                                                 |         |
| 6/24/2021                          | 3500    | 3500      | 51147.82  | 33081.05                                                                                                                      | 6674.25                                                                                | -0.026                                                               | 0.014      | 0.042       | -0.056     | -0.081    | -0.055           | -0.660           |                                                 |         |
| 6/25/2021                          | 3500    | 3500      | 51147.76  | 33081.03                                                                                                                      | 6674.18                                                                                | -0.054                                                               | -0.017     | -0.073      | -0.110     | -0.098    | -0.128           | -1.536           |                                                 |         |
| 6/28/2021                          | 3500    | 3500      | 51147.82  | 33081.02                                                                                                                      | 6674.17                                                                                | 0.055                                                                | -0.011     | -0.011      | -0.055     | -0.109    | -0.139           | -1.668           |                                                 |         |
| 6/29/2021                          | 3500    | 3500      | 51147.82  | 33081.04                                                                                                                      | 6674.32                                                                                | 0.002                                                                | 0.020      | 0.151       | -0.053     | -0.089    | 0.012            | 0.144            |                                                 |         |
| 6/30/2021                          | 3500    | 3500      | 51147.84  | 33081.04                                                                                                                      | 6674.20                                                                                | 0.025                                                                | -0.001     | -0.120      | -0.028     | -0.090    | -0.108           | -1.296           |                                                 |         |
| 7/1/2021                           | 3500    | 3500      | 51147.85  | 33081.08                                                                                                                      | 6674.17                                                                                | 0.007                                                                | 0.043      | -0.032      | -0.021     | -0.047    | -0.140           | -1.680           |                                                 |         |
| 7/2/2021                           | 3500    | 3500      | 51147.83  | 33081.02                                                                                                                      | 6674.20                                                                                | -0.024                                                               | -0.059     | 0.030       | -0.045     | -0.106    | -0.110           | -1.320           |                                                 |         |
| 7/5/2021                           | 3500    | 3500      | 51147.80  | 33081.09                                                                                                                      | 6674.15                                                                                | -0.027                                                               | 0.067      | -0.051      | -0.072     | -0.039    | -0.161           | -1.932           |                                                 |         |
| 7/6/2021                           | 3500    | 3500      | 51147.82  | 33081.05                                                                                                                      | 6674.21                                                                                | 0.020                                                                | -0.043     | 0.060       | -0.052     | -0.082    | -0.101           | -1.212           |                                                 |         |
| 7/7/2021                           | 3500    | 3500      | 51147.81  | 33081.06                                                                                                                      | 6674.22                                                                                | -0.006                                                               | 0.011      | 0.007       | -0.058     | -0.071    | -0.094           | -1.128           |                                                 |         |
| 7/8/2021                           | 3500    | 3500      | 51147.80  | 33081.01                                                                                                                      | 6674.21                                                                                | -0.010                                                               | -0.043     | -0.005      | -0.068     | -0.114    | -0.099           | -1.188           |                                                 |         |
| 7/8/2021                           | 3500    | 3500      | 51147.81  | 33081.07                                                                                                                      | 6674.22                                                                                | 0.009                                                                | 0.057      | 0.009       | -0.059     | -0.057    | -0.090           | -1.080           |                                                 |         |
| 7/12/2021                          | 3500    | 3500      | 51147.81  | 33081.04                                                                                                                      | 6674.21                                                                                | 0.002                                                                | -0.026     | -0.006      | -0.057     | -0.083    | -0.096           | -1.152           |                                                 |         |
| 7/13/2021                          | 3500    | 3500      | 51147.78  | 33081.04                                                                                                                      | 6674.19                                                                                | -0.034                                                               | -0.003     | -0.023      | -0.091     | -0.086    | -0.119           | -1.428           |                                                 |         |
| 7/14/2021                          | 3500    | 3500      | 51147.81  | 33081.02                                                                                                                      | 6674.21                                                                                | 0.032                                                                | -0.017     | 0.017       | -0.059     | -0.103    | -0.102           | -1.224           |                                                 |         |
| 7/15/2021                          | 3500    | 3500      | 51147.78  | 33081.04                                                                                                                      | 6674.17                                                                                | -0.031                                                               | 0.017      | -0.039      | -0.090     | -0.086    | -0.141           | -1.692           |                                                 |         |
| 7/16/2021                          | 3500    | 3500      | 51147.80  | 33081.01                                                                                                                      | 6674.19                                                                                | 0.016                                                                | -0.029     | 0.017       | -0.074     | -0.115    | -0.124           | -1.488           |                                                 |         |
| 3/29/2021                          | 3600    | 3600      | 51057.20  | 33037.90                                                                                                                      | 6675.73                                                                                |                                                                      |            |             |            |           |                  |                  | 0.00                                            |         |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |  |  |           |                                                                                                                               | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                        |  |  |  |  |  |  |  |         |  |
|------------------------------------|--|--|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--|--|--|--|--|--|--|---------|--|
|                                    |  |  |           |                                                                                                                               | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it. |  |  |  |  |  |  |  |         |  |
| DATE:                              |  |  | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |                                                                                        |  |  |  |  |  |  |  |         |  |
| STATION:                           |  |  | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |                                                                                        |  |  |  |  |  |  |  | 6710.86 |  |
| PANEL:                             |  |  | 7 East LW |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
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|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |         |  |

**Table 1 - Daily Subsidence Data**

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |                                                                      |             |            |             |            |           |                  |                  |                                                 |         |  |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|---------|--|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |                                                                      |             |            |             |            |           |                  |                  |                                                 |         |  |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |                                                                      |             |            |             |            |           |                  |                  |                                                 |         |  |
| STATION:                           |         |           | 104+06    |                                                                                                                               | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW |             |            |             |            |           |                  |                  |                                                 | 6710.86 |  |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |                                                                      |             |            |             |            |           |                  |                  |                                                 |         |  |
|                                    |         |           |           |                                                                                                                               |                                                                      |             |            |             |            |           |                  |                  |                                                 |         |  |
|                                    |         |           |           |                                                                                                                               |                                                                      |             |            |             |            |           |                  |                  |                                                 |         |  |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.                                                                | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |         |  |
| 5/13/2021                          | 3700    | 3700      | 50967.02  | 32994.77                                                                                                                      | 6677.18                                                              | -0.044      | 0.067      | -0.026      | -0.006     | 0.010     | -0.095           | -1.140           |                                                 |         |  |
| 5/18/2021                          | 3700    | 3700      | 50967.06  | 32994.77                                                                                                                      | 6677.37                                                              | 0.035       | -0.007     | 0.190       | 0.029      | 0.003     | 0.095            | 1.140            |                                                 |         |  |
| 5/19/2021                          | 3700    | 3700      | 50967.02  | 32994.80                                                                                                                      | 6677.32                                                              | -0.040      | 0.028      | -0.056      | -0.011     | 0.031     | 0.039            | 0.468            |                                                 |         |  |
| 5/20/2021                          | 3700    | 3700      | 50967.02  | 32994.80                                                                                                                      | 6677.35                                                              | 0.002       | 0.006      | 0.035       | -0.009     | 0.037     | 0.074            | 0.888            |                                                 |         |  |
| 5/21/2021                          | 3700    | 3700      | 50967.06  | 32994.78                                                                                                                      | 6677.37                                                              | 0.036       | -0.026     | 0.022       | 0.027      | 0.011     | 0.096            | 1.152            |                                                 |         |  |
| 5/24/2021                          | 3700    | 3700      | 50967.03  | 32994.78                                                                                                                      | 6677.34                                                              | -0.028      | 0.009      | -0.037      | -0.001     | 0.020     | 0.059            | 0.708            |                                                 |         |  |
| 5/25/2021                          | 3700    | 3700      | 50967.01  | 32994.76                                                                                                                      | 6677.41                                                              | -0.017      | -0.025     | 0.074       | -0.018     | -0.005    | 0.133            | 1.596            |                                                 |         |  |
| 5/26/2021                          | 3700    | 3700      | 50967.04  | 32994.75                                                                                                                      | 6677.41                                                              | 0.034       | -0.006     | 0.004       | 0.016      | -0.011    | 0.137            | 1.644            |                                                 |         |  |
| 5/27/2021                          | 3700    | 3700      | 50967.00  | 32994.74                                                                                                                      | 6677.39                                                              | -0.044      | -0.014     | -0.023      | -0.028     | -0.025    | 0.114            | 1.368            |                                                 |         |  |
| 5/28/2021                          | 3700    | 3700      | 50966.93  | 32994.68                                                                                                                      | 6677.36                                                              | -0.070      | -0.057     | -0.030      | -0.098     | -0.082    | 0.084            | 1.008            |                                                 |         |  |
| 5/29/2021                          | 3700    | 3700      | 50966.97  | 32994.71                                                                                                                      | 6677.35                                                              | 0.035       | 0.025      | -0.013      | -0.063     | -0.057    | 0.071            | 0.852            |                                                 |         |  |
| 6/1/2021                           | 3700    | 3700      | 50966.97  | 32994.76                                                                                                                      | 6677.39                                                              | 0.009       | 0.057      | 0.038       | -0.054     | 0.000     | 0.109            | 1.308            |                                                 |         |  |
| 6/2/2021                           | 3700    | 3700      | 50967.04  | 32994.72                                                                                                                      | 6677.40                                                              | 0.067       | -0.049     | 0.010       | 0.013      | -0.049    | 0.119            | 1.428            |                                                 |         |  |
| 6/3/2021                           | 3700    | 3700      | 50966.97  | 32994.70                                                                                                                      | 6677.37                                                              | -0.074      | -0.014     | -0.025      | -0.061     | -0.063    | 0.094            | 1.128            |                                                 |         |  |
| 6/4/2021                           | 3700    | 3700      | 50967.00  | 32994.72                                                                                                                      | 6677.38                                                              | 0.037       | 0.016      | 0.010       | -0.024     | -0.047    | 0.104            | 1.248            |                                                 |         |  |
| 6/5/2021                           | 3700    | 3700      | 50966.97  | 32994.72                                                                                                                      | 6677.45                                                              | -0.033      | 0.001      | 0.065       | -0.057     | -0.046    | 0.169            | 2.028            |                                                 |         |  |
| 6/8/2021                           | 3700    | 3700      | 50967.00  | 32994.66                                                                                                                      | 6677.45                                                              | 0.032       | -0.057     | 0.006       | -0.025     | -0.103    | 0.175            | 2.100            |                                                 |         |  |
| 6/9/2021                           | 3700    | 3700      | 50967.06  | 32994.62                                                                                                                      | 6677.48                                                              | 0.054       | -0.045     | 0.031       | 0.029      | -0.148    | 0.206            | 2.472            |                                                 |         |  |
| 6/10/2021                          | 3700    | 3700      | 50967.07  | 32994.65                                                                                                                      | 6677.47                                                              | 0.010       | 0.035      | -0.017      | 0.039      | -0.113    | 0.189            | 2.268            |                                                 |         |  |
| 6/11/2021                          | 3700    | 3700      | 50966.98  | 32994.66                                                                                                                      | 6677.51                                                              | -0.089      | 0.010      | 0.048       | -0.050     | -0.103    | 0.237            | 2.844            |                                                 |         |  |
| 6/12/2021                          | 3700    | 3700      | 50967.05  | 32994.71                                                                                                                      | 6677.62                                                              | 0.072       | 0.048      | 0.103       | 0.022      | -0.055    | 0.340            | 4.080            |                                                 |         |  |
| 6/14/2021                          | 3700    | 3700      | 50966.99  | 32994.65                                                                                                                      | 6677.61                                                              | -0.062      | -0.060     | -0.003      | -0.040     | -0.115    | 0.337            | 4.044            |                                                 |         |  |
| 6/15/2021                          | 3700    | 3700      | 50967.02  | 32994.66                                                                                                                      | 6677.62                                                              | 0.029       | 0.008      | 0.008       | -0.011     | -0.107    | 0.345            | 4.140            |                                                 |         |  |
| 6/16/2021                          | 3700    | 3700      | 50966.98  | 32994.64                                                                                                                      | 6677.59                                                              | -0.041      | -0.014     | -0.037      | -0.052     | -0.121    | 0.308            | 3.696            |                                                 |         |  |
| 6/17/2021                          | 3700    | 3700      | 50966.99  | 32994.63                                                                                                                      | 6677.59                                                              | 0.010       | -0.010     | 0.000       | -0.042     | -0.131    | 0.308            | 3.696            |                                                 |         |  |
| 6/18/2021                          | 3700    | 3700      | 50967.02  | 32994.63                                                                                                                      | 6677.57                                                              | 0.037       | -0.007     | -0.018      | -0.005     | -0.138    | 0.290            | 3.480            |                                                 |         |  |
| 6/19/2021                          | 3700    | 3700      | 50966.98  | 32994.61                                                                                                                      | 6677.59                                                              | -0.048      | -0.017     | 0.022       | -0.053     | -0.155    | 0.312            | 3.744            |                                                 |         |  |
| 6/21/2021                          | 3700    | 3700      | 50966.91  | 32994.64                                                                                                                      | 6677.63                                                              | -0.061      | 0.030      | 0.041       | -0.114     | -0.125    | 0.353            | 4.236            |                                                 |         |  |
| 6/22/2021                          | 3700    | 3700      | 50966.99  | 32994.59                                                                                                                      | 6677.56                                                              | 0.075       | -0.051     | -0.073      | -0.039     | -0.176    | 0.280            | 3.360            |                                                 |         |  |
| 6/23/2021                          | 3700    | 3700      | 50966.95  | 32994.61                                                                                                                      | 6677.57                                                              | -0.038      | 0.019      | 0.013       | -0.077     | -0.157    | 0.293            | 3.516            |                                                 |         |  |
| 6/24/2021                          | 3700    | 3700      | 50966.98  | 32994.60                                                                                                                      | 6677.59                                                              | 0.031       | -0.003     | 0.020       | -0.046     | -0.160    | 0.313            | 3.756            |                                                 |         |  |
| 6/25/2021                          | 3700    | 3700      | 50967.04  | 32994.60                                                                                                                      | 6677.57                                                              | 0.061       | -0.006     | -0.022      | 0.015      | -0.166    | 0.291            | 3.492            |                                                 |         |  |
| 6/28/2021                          | 3700    | 3700      | 50966.97  | 32994.60                                                                                                                      | 6677.58                                                              | -0.073      | 0.003      | 0.009       | -0.058     | -0.163    | 0.300            | 3.600            |                                                 |         |  |
| 6/29/2021                          | 3700    | 3700      | 50966.95  | 32994.59                                                                                                                      | 6677.73                                                              | -0.018      | -0.014     | 0.150       | -0.076     | -0.177    | 0.450            | 5.400            |                                                 |         |  |
| 6/30/2021                          | 3700    | 3700      | 50967.05  | 32994.64                                                                                                                      | 6677.56                                                              | 0.098       | 0.052      | -0.164      | 0.022      | -0.125    | 0.286            | 3.432            |                                                 |         |  |
| 7/1/2021                           | 3700    | 3700      | 50967.04  | 32994.66                                                                                                                      | 6677.58                                                              | -0.010      | 0.017      | 0.013       | 0.012      | -0.108    | 0.299            | 3.588            |                                                 |         |  |
| 7/2/2021                           | 3700    | 3700      | 50967.01  | 32994.56                                                                                                                      | 6677.59                                                              | -0.028      | -0.095     | 0.015       | -0.016     | -0.203    | 0.314            | 3.768            |                                                 |         |  |
| 7/5/2021                           | 3700    | 3700      | 50966.91  | 32994.60                                                                                                                      | 6677.54                                                              | -0.102      | 0.037      | -0.056      | -0.118     | -0.166    | 0.258            | 3.096            |                                                 |         |  |
| 7/6/2021                           | 3700    | 3700      | 50966.86  | 32994.54                                                                                                                      | 6677.56                                                              | -0.053      | -0.063     | 0.024       | -0.171     | -0.229    | 0.282            | 3.384            |                                                 |         |  |
| 7/7/2021                           | 3700    | 3700      | 50966.98  | 32994.62                                                                                                                      | 6677.59                                                              | 0.124       | 0.088      | 0.028       | -0.047     | -0.141    | 0.310            | 3.720            |                                                 |         |  |
| 7/8/2021                           | 3700    | 3700      | 50966.96  | 32994.58                                                                                                                      | 6677.58                                                              | -0.019      | -0.044     | -0.009      | -0.066     | -0.185    | 0.301            | 3.612            |                                                 |         |  |
| 7/8/2021                           | 3700    | 3700      | 50966.91  | 32994.61                                                                                                                      | 6677.58                                                              | -0.057      | 0.026      | 0.001       | -0.123     | -0.159    | 0.302            | 3.624            |                                                 |         |  |
| 7/12/2021                          | 3700    | 3700      | 50966.90  | 32994.62                                                                                                                      | 6677.58                                                              | -0.010      | 0.019      | 0.001       | -0.133     | -0.140    | 0.303            | 3.636            |                                                 |         |  |
| 7/13/2021                          | 3700    | 3700      | 50966.93  | 32994.59                                                                                                                      | 6677.54                                                              | 0.038       | -0.036     | -0.039      | -0.095     | -0.176    | 0.264            | 3.168            |                                                 |         |  |
| 7/14/2021                          | 3700    | 3700      | 50966.91  | 32994.60                                                                                                                      | 6677.57                                                              | -0.021      | 0.009      | 0.030       | -0.116     | -0.167    | 0.294            | 3.528            |                                                 |         |  |
| 7/15/2021                          | 3700    | 3700      | 50966.94  | 32994.61                                                                                                                      | 6677.58                                                              | 0.032       | 0.010      | 0.009       | -0.084     | -0.157    | 0.303            | 3.636            |                                                 |         |  |
| 7/16/2021                          | 3700    | 3700      | 50966.95  | 32994.61                                                                                                                      | 6677.54                                                              | 0.010       | 0.001      | -0.039      | -0.074     | -0.156    | 0.264            | 3.168            |                                                 |         |  |
| 3/29/2021                          | 3800    | 3800      | 50877.12  | 32951.71                                                                                                                      | 6679.09                                                              |             |            |             |            |           |                  |                  | 0.00                                            |         |  |
| 4/6/2021                           | 3800    | 3800      | 50877.17  | 32951.62                                                                                                                      | 6679.04                                                              | 0.056       | -0.086     | -0.057      | 0.056      | -0.086    | -0.057           | -0.684           |                                                 |         |  |
| 5/13/2021                          | 3800    | 3800      | 50877.14  | 32951.73                                                                                                                      | 6679.02                                                              | -0.032      | 0.111      | -0.019      | 0.024      | 0.025     | -0.076           | -0.912           |                                                 |         |  |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |             |            |             |            |           |                  |                  |  |                                                 |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|-------------|------------|-------------|------------|-----------|------------------|------------------|--|-------------------------------------------------|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |             |            |             |            |           |                  |                  |  |                                                 |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |             |            |             |            |           |                  |                  |  |                                                 |
| STATION:                           |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |         |             |            |             |            |           |                  |                  |  | 6710.86                                         |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |             |            |             |            |           |                  |                  |  |                                                 |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) |  | Proposed Initial Ballast Raised Height (Inches) |
| 5/18/2021                          | 3800    | 3800      | 50877.11  | 32951.75                                                                                                                      | 6679.22 | -0.031      | 0.019      | 0.199       | -0.007     | 0.044     | 0.123            | 1.476            |  |                                                 |
| 5/19/2021                          | 3800    | 3800      | 50877.11  | 32951.77                                                                                                                      | 6679.17 | 0.002       | 0.023      | -0.044      | -0.005     | 0.067     | 0.079            | 0.948            |  |                                                 |
| 5/20/2021                          | 3800    | 3800      | 50877.12  | 32951.75                                                                                                                      | 6679.18 | 0.006       | -0.027     | 0.006       | 0.001      | 0.040     | 0.085            | 1.020            |  |                                                 |
| 5/21/2021                          | 3800    | 3800      | 50877.17  | 32951.75                                                                                                                      | 6679.21 | 0.050       | 0.001      | 0.029       | 0.051      | 0.041     | 0.114            | 1.368            |  |                                                 |
| 5/24/2021                          | 3800    | 3800      | 50877.13  | 32951.77                                                                                                                      | 6679.17 | -0.035      | 0.023      | -0.041      | 0.016      | 0.064     | 0.073            | 0.876            |  |                                                 |
| 5/25/2021                          | 3800    | 3800      | 50877.15  | 32951.72                                                                                                                      | 6679.27 | 0.014       | -0.050     | 0.103       | 0.030      | 0.014     | 0.176            | 2.112            |  |                                                 |
| 5/26/2021                          | 3800    | 3800      | 50877.15  | 32951.72                                                                                                                      | 6679.37 | 0.001       | 0.002      | 0.100       | 0.031      | 0.016     | 0.276            | 3.312            |  |                                                 |
| 5/27/2021                          | 3800    | 3800      | 50877.13  | 32951.77                                                                                                                      | 6679.25 | -0.016      | 0.047      | -0.122      | 0.015      | 0.063     | 0.154            | 1.848            |  |                                                 |
| 5/28/2021                          | 3800    | 3800      | 50877.11  | 32951.68                                                                                                                      | 6679.16 | -0.019      | -0.092     | -0.088      | -0.004     | -0.029    | 0.066            | 0.792            |  |                                                 |
| 5/29/2021                          | 3800    | 3800      | 50877.02  | 32951.74                                                                                                                      | 6679.24 | -0.091      | 0.062      | 0.084       | -0.095     | 0.033     | 0.150            | 1.800            |  |                                                 |
| 6/1/2021                           | 3800    | 3800      | 50877.08  | 32951.78                                                                                                                      | 6679.26 | 0.060       | 0.037      | 0.018       | -0.035     | 0.070     | 0.168            | 2.016            |  |                                                 |
| 6/2/2021                           | 3800    | 3800      | 50877.15  | 32951.77                                                                                                                      | 6679.25 | 0.063       | -0.005     | -0.011      | 0.028      | 0.065     | 0.157            | 1.884            |  |                                                 |
| 6/3/2021                           | 3800    | 3800      | 50877.14  | 32951.74                                                                                                                      | 6679.25 | -0.011      | -0.030     | -0.006      | 0.017      | 0.035     | 0.151            | 1.812            |  |                                                 |
| 6/4/2021                           | 3800    | 3800      | 50877.14  | 32951.75                                                                                                                      | 6679.23 | 0.001       | 0.005      | -0.011      | 0.018      | 0.040     | 0.140            | 1.680            |  |                                                 |
| 6/5/2021                           | 3800    | 3800      | 50877.13  | 32951.77                                                                                                                      | 6679.33 | -0.003      | 0.018      | 0.096       | 0.015      | 0.058     | 0.236            | 2.832            |  |                                                 |
| 6/8/2021                           | 3800    | 3800      | 50877.10  | 32951.68                                                                                                                      | 6679.32 | -0.029      | -0.083     | -0.009      | -0.014     | -0.025    | 0.227            | 2.724            |  |                                                 |
| 6/9/2021                           | 3800    | 3800      | 50877.13  | 32951.67                                                                                                                      | 6679.35 | 0.025       | -0.017     | 0.033       | 0.011      | -0.042    | 0.260            | 3.120            |  |                                                 |
| 6/10/2021                          | 3800    | 3800      | 50877.05  | 32951.64                                                                                                                      | 6679.33 | -0.084      | -0.030     | -0.024      | -0.073     | -0.072    | 0.236            | 2.832            |  |                                                 |
| 6/11/2021                          | 3800    | 3800      | 50877.05  | 32951.68                                                                                                                      | 6679.38 | 0.003       | 0.045      | 0.050       | -0.070     | -0.027    | 0.286            | 3.432            |  |                                                 |
| 6/12/2021                          | 3800    | 3800      | 50877.08  | 32951.69                                                                                                                      | 6679.57 | 0.031       | 0.010      | 0.194       | -0.039     | -0.017    | 0.480            | 5.760            |  |                                                 |
| 6/14/2021                          | 3800    | 3800      | 50877.05  | 32951.70                                                                                                                      | 6679.55 | -0.034      | 0.006      | -0.027      | -0.073     | -0.011    | 0.453            | 5.436            |  |                                                 |
| 6/15/2021                          | 3800    | 3800      | 50877.06  | 32951.68                                                                                                                      | 6679.56 | 0.012       | -0.020     | 0.008       | -0.061     | -0.031    | 0.461            | 5.532            |  |                                                 |
| 6/16/2021                          | 3800    | 3800      | 50877.04  | 32951.69                                                                                                                      | 6679.51 | -0.015      | 0.014      | -0.047      | -0.076     | -0.017    | 0.414            | 4.968            |  |                                                 |
| 6/17/2021                          | 3800    | 3800      | 50877.03  | 32951.64                                                                                                                      | 6679.54 | -0.013      | -0.046     | 0.027       | -0.089     | -0.063    | 0.441            | 5.292            |  |                                                 |
| 6/18/2021                          | 3800    | 3800      | 50877.02  | 32951.63                                                                                                                      | 6679.53 | -0.006      | -0.019     | -0.003      | -0.095     | -0.082    | 0.438            | 5.256            |  |                                                 |
| 6/19/2021                          | 3800    | 3800      | 50877.05  | 32951.68                                                                                                                      | 6679.53 | 0.030       | 0.059      | 0.000       | -0.065     | -0.023    | 0.438            | 5.256            |  |                                                 |
| 6/21/2021                          | 3800    | 3800      | 50877.16  | 32951.72                                                                                                                      | 6679.45 | 0.111       | 0.035      | -0.079      | 0.046      | 0.012     | 0.359            | 4.308            |  |                                                 |
| 6/22/2021                          | 3800    | 3800      | 50877.05  | 32951.61                                                                                                                      | 6679.49 | -0.118      | -0.105     | 0.040       | -0.072     | -0.093    | 0.399            | 4.788            |  |                                                 |
| 6/23/2021                          | 3800    | 3800      | 50877.06  | 32951.67                                                                                                                      | 6679.49 | 0.012       | 0.058      | -0.002      | -0.060     | -0.035    | 0.397            | 4.764            |  |                                                 |
| 6/24/2021                          | 3800    | 3800      | 50877.05  | 32951.64                                                                                                                      | 6679.53 | -0.009      | -0.028     | 0.035       | -0.069     | -0.063    | 0.432            | 5.184            |  |                                                 |
| 6/25/2021                          | 3800    | 3800      | 50877.10  | 32951.61                                                                                                                      | 6679.53 | 0.050       | -0.033     | -0.001      | -0.019     | -0.096    | 0.431            | 5.172            |  |                                                 |
| 6/28/2021                          | 3800    | 3800      | 50877.01  | 32951.67                                                                                                                      | 6679.54 | -0.094      | 0.057      | 0.014       | -0.113     | -0.039    | 0.445            | 5.340            |  |                                                 |
| 6/29/2021                          | 3800    | 3800      | 50877.00  | 32951.64                                                                                                                      | 6679.67 | -0.002      | -0.033     | 0.127       | -0.115     | -0.072    | 0.572            | 6.864            |  |                                                 |
| 6/30/2021                          | 3800    | 3800      | 50877.10  | 32951.67                                                                                                                      | 6679.51 | 0.093       | 0.031      | -0.158      | -0.022     | -0.041    | 0.414            | 4.968            |  |                                                 |
| 7/1/2021                           | 3800    | 3800      | 50877.06  | 32951.66                                                                                                                      | 6679.47 | -0.036      | -0.007     | -0.043      | -0.058     | -0.048    | 0.371            | 4.452            |  |                                                 |
| 7/2/2021                           | 3800    | 3800      | 50877.05  | 32951.62                                                                                                                      | 6679.52 | -0.008      | -0.036     | 0.054       | -0.066     | -0.084    | 0.425            | 5.100            |  |                                                 |
| 7/5/2021                           | 3800    | 3800      | 50877.01  | 32951.65                                                                                                                      | 6679.45 | -0.045      | 0.022      | -0.065      | -0.111     | -0.062    | 0.360            | 4.320            |  |                                                 |
| 7/6/2021                           | 3800    | 3800      | 50877.05  | 32951.66                                                                                                                      | 6679.50 | 0.040       | 0.016      | 0.045       | -0.071     | -0.046    | 0.405            | 4.860            |  |                                                 |
| 7/7/2021                           | 3800    | 3800      | 50877.04  | 32951.64                                                                                                                      | 6679.50 | -0.003      | -0.020     | 0.004       | -0.074     | -0.066    | 0.409            | 4.908            |  |                                                 |
| 7/8/2021                           | 3800    | 3800      | 50876.99  | 32951.63                                                                                                                      | 6679.51 | -0.055      | -0.008     | 0.005       | -0.129     | -0.074    | 0.414            | 4.968            |  |                                                 |
| 7/8/2021                           | 3800    | 3800      | 50877.02  | 32951.65                                                                                                                      | 6679.48 | 0.026       | 0.013      | -0.028      | -0.103     | -0.061    | 0.386            | 4.632            |  |                                                 |
| 7/12/2021                          | 3800    | 3800      | 50876.98  | 32951.67                                                                                                                      | 6679.50 | -0.039      | 0.020      | 0.020       | -0.142     | -0.041    | 0.406            | 4.872            |  |                                                 |
| 7/13/2021                          | 3800    | 3800      | 50877.02  | 32951.63                                                                                                                      | 6679.49 | 0.045       | -0.040     | -0.010      | -0.097     | -0.081    | 0.396            | 4.752            |  |                                                 |
| 7/14/2021                          | 3800    | 3800      | 50877.03  | 32951.61                                                                                                                      | 6679.49 | 0.009       | -0.016     | 0.000       | -0.088     | -0.097    | 0.396            | 4.752            |  |                                                 |
| 7/15/2021                          | 3800    | 3800      | 50876.97  | 32951.65                                                                                                                      | 6679.47 | -0.060      | 0.037      | -0.017      | -0.148     | -0.060    | 0.379            | 4.548            |  |                                                 |
| 7/16/2021                          | 3800    | 3800      | 50876.97  | 32951.65                                                                                                                      | 6679.46 | 0.000       | 0.003      | -0.013      | -0.148     | -0.057    | 0.366            | 4.392            |  |                                                 |
| 3/29/2021                          | 3900    | 3900      | 50786.37  | 32908.26                                                                                                                      | 6681.14 |             |            |             |            |           |                  |                  |  | 0.00                                            |
| 4/6/2021                           | 3900    | 3900      | 50786.34  | 32908.30                                                                                                                      | 6681.05 | -0.021      | 0.039      | -0.093      | -0.021     | 0.039     | -0.093           | -1.116           |  |                                                 |
| 5/13/2021                          | 3900    | 3900      | 50786.34  | 32908.28                                                                                                                      | 6681.06 | -0.008      | -0.018     | 0.010       | -0.029     | 0.021     | -0.083           | -0.996           |  |                                                 |
| 5/18/2021                          | 3900    | 3900      | 50786.32  | 32908.35                                                                                                                      | 6681.28 | -0.018      | 0.074      | 0.226       | -0.047     | 0.095     | 0.143            | 1.716            |  |                                                 |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur                                                     |         |           |           |                                                                                                                               | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls |             |            |             |            |           |                  |                  |                                                 |  |
|----------------------------------------------------------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|--|
| *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it. |         |           |           |                                                                                                                               |                                                                 |             |            |             |            |           |                  |                  |                                                 |  |
| DATE:                                                                                  |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |                                                                 |             |            |             |            |           |                  |                  |                                                 |  |
| STATION:                                                                               |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |                                                                 |             |            |             |            |           |                  |                  | 6710.86                                         |  |
| PANEL:                                                                                 |         |           | 7 East LW |                                                                                                                               |                                                                 |             |            |             |            |           |                  |                  |                                                 |  |
|                                                                                        |         |           |           |                                                                                                                               |                                                                 |             |            |             |            |           |                  |                  |                                                 |  |
| DATE                                                                                   | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.                                                           | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |  |
| 5/19/2021                                                                              | 3900    | 3900      | 50786.39  | 32908.36                                                                                                                      | 6681.22                                                         | 0.074       | 0.008      | -0.064      | 0.027      | 0.103     | 0.079            | 0.948            |                                                 |  |
| 5/20/2021                                                                              | 3900    | 3900      | 50786.35  | 32908.24                                                                                                                      | 6681.25                                                         | -0.038      | -0.122     | 0.027       | -0.011     | -0.019    | 0.106            | 1.272            |                                                 |  |
| 5/21/2021                                                                              | 3900    | 3900      | 50786.40  | 32908.34                                                                                                                      | 6681.29                                                         | 0.043       | 0.102      | 0.039       | 0.032      | 0.083     | 0.145            | 1.740            |                                                 |  |
| 5/24/2021                                                                              | 3900    | 3900      | 50786.31  | 32908.32                                                                                                                      | 6681.22                                                         | -0.089      | -0.024     | -0.062      | -0.057     | 0.059     | 0.083            | 0.996            |                                                 |  |
| 5/25/2021                                                                              | 3900    | 3900      | 50786.40  | 32908.26                                                                                                                      | 6681.29                                                         | 0.092       | -0.054     | 0.068       | 0.035      | 0.005     | 0.151            | 1.812            |                                                 |  |
| 5/26/2021                                                                              | 3900    | 3900      | 50786.42  | 32908.28                                                                                                                      | 6681.26                                                         | 0.020       | 0.021      | -0.034      | 0.055      | 0.026     | 0.117            | 1.404            |                                                 |  |
| 5/27/2021                                                                              | 3900    | 3900      | 50786.36  | 32908.26                                                                                                                      | 6681.27                                                         | -0.061      | -0.022     | 0.011       | -0.006     | 0.004     | 0.128            | 1.536            |                                                 |  |
| 5/28/2021                                                                              | 3900    | 3900      | 50786.32  | 32908.25                                                                                                                      | 6681.21                                                         | -0.036      | -0.015     | -0.063      | -0.042     | -0.011    | 0.065            | 0.780            |                                                 |  |
| 5/29/2021                                                                              | 3900    | 3900      | 50786.31  | 32908.30                                                                                                                      | 6681.26                                                         | -0.017      | 0.053      | 0.051       | -0.059     | 0.042     | 0.116            | 1.392            |                                                 |  |
| 6/1/2021                                                                               | 3900    | 3900      | 50786.33  | 32908.30                                                                                                                      | 6681.28                                                         | 0.023       | 0.000      | 0.026       | -0.036     | 0.042     | 0.142            | 1.704            |                                                 |  |
| 6/2/2021                                                                               | 3900    | 3900      | 50786.37  | 32908.29                                                                                                                      | 6681.29                                                         | 0.040       | -0.014     | 0.010       | 0.004      | 0.028     | 0.152            | 1.824            |                                                 |  |
| 6/3/2021                                                                               | 3900    | 3900      | 50786.34  | 32908.29                                                                                                                      | 6681.28                                                         | -0.032      | 0.000      | -0.016      | -0.028     | 0.028     | 0.136            | 1.632            |                                                 |  |
| 6/4/2021                                                                               | 3900    | 3900      | 50786.36  | 32908.24                                                                                                                      | 6681.25                                                         | 0.024       | -0.045     | -0.031      | -0.004     | -0.017    | 0.105            | 1.260            |                                                 |  |
| 6/5/2021                                                                               | 3900    | 3900      | 50786.26  | 32908.31                                                                                                                      | 6681.33                                                         | -0.102      | 0.072      | 0.086       | -0.106     | 0.055     | 0.191            | 2.292            |                                                 |  |
| 6/8/2021                                                                               | 3900    | 3900      | 50786.26  | 32908.28                                                                                                                      | 6681.43                                                         | 0.002       | -0.030     | 0.094       | -0.104     | 0.025     | 0.285            | 3.420            |                                                 |  |
| 6/9/2021                                                                               | 3900    | 3900      | 50786.28  | 32908.29                                                                                                                      | 6681.44                                                         | 0.018       | 0.012      | 0.013       | -0.086     | 0.037     | 0.298            | 3.576            |                                                 |  |
| 6/10/2021                                                                              | 3900    | 3900      | 50786.26  | 32908.27                                                                                                                      | 6681.43                                                         | -0.021      | -0.028     | -0.008      | -0.107     | 0.009     | 0.290            | 3.480            |                                                 |  |
| 6/11/2021                                                                              | 3900    | 3900      | 50786.24  | 32908.27                                                                                                                      | 6681.45                                                         | -0.018      | 0.006      | 0.018       | -0.125     | 0.015     | 0.308            | 3.696            |                                                 |  |
| 6/12/2021                                                                              | 3900    | 3900      | 50786.26  | 32908.31                                                                                                                      | 6681.62                                                         | 0.022       | 0.034      | 0.170       | -0.103     | 0.049     | 0.478            | 5.736            |                                                 |  |
| 6/14/2021                                                                              | 3900    | 3900      | 50786.24  | 32908.31                                                                                                                      | 6681.61                                                         | -0.021      | 0.006      | -0.012      | -0.124     | 0.055     | 0.466            | 5.592            |                                                 |  |
| 6/15/2021                                                                              | 3900    | 3900      | 50786.25  | 32908.27                                                                                                                      | 6681.59                                                         | 0.013       | -0.047     | -0.018      | -0.111     | 0.008     | 0.448            | 5.376            |                                                 |  |
| 6/16/2021                                                                              | 3900    | 3900      | 50786.24  | 32908.31                                                                                                                      | 6681.57                                                         | -0.010      | 0.046      | -0.021      | -0.121     | 0.054     | 0.427            | 5.124            |                                                 |  |
| 6/17/2021                                                                              | 3900    | 3900      | 50786.22  | 32908.27                                                                                                                      | 6681.57                                                         | -0.020      | -0.041     | 0.004       | -0.141     | 0.013     | 0.431            | 5.172            |                                                 |  |
| 6/18/2021                                                                              | 3900    | 3900      | 50786.21  | 32908.26                                                                                                                      | 6681.54                                                         | -0.011      | -0.008     | -0.032      | -0.152     | 0.005     | 0.399            | 4.788            |                                                 |  |
| 6/19/2021                                                                              | 3900    | 3900      | 50786.22  | 32908.25                                                                                                                      | 6681.57                                                         | 0.005       | -0.012     | 0.031       | -0.147     | -0.007    | 0.430            | 5.160            |                                                 |  |
| 6/21/2021                                                                              | 3900    | 3900      | 50786.21  | 32908.28                                                                                                                      | 6681.58                                                         | -0.007      | 0.027      | 0.014       | -0.154     | 0.020     | 0.444            | 5.328            |                                                 |  |
| 6/22/2021                                                                              | 3900    | 3900      | 50786.21  | 32908.24                                                                                                                      | 6681.56                                                         | -0.003      | -0.040     | -0.028      | -0.157     | -0.020    | 0.416            | 4.992            |                                                 |  |
| 6/23/2021                                                                              | 3900    | 3900      | 50786.22  | 32908.24                                                                                                                      | 6681.52                                                         | 0.016       | -0.001     | -0.037      | -0.141     | -0.021    | 0.379            | 4.548            |                                                 |  |
| 6/24/2021                                                                              | 3900    | 3900      | 50786.22  | 32908.26                                                                                                                      | 6681.57                                                         | -0.009      | 0.025      | 0.051       | -0.150     | 0.004     | 0.430            | 5.160            |                                                 |  |
| 6/25/2021                                                                              | 3900    | 3900      | 50786.19  | 32908.24                                                                                                                      | 6681.51                                                         | -0.023      | -0.020     | -0.063      | -0.173     | -0.016    | 0.367            | 4.404            |                                                 |  |
| 6/28/2021                                                                              | 3900    | 3900      | 50786.18  | 32908.27                                                                                                                      | 6681.52                                                         | -0.009      | 0.026      | 0.012       | -0.182     | 0.010     | 0.379            | 4.548            |                                                 |  |
| 6/29/2021                                                                              | 3900    | 3900      | 50786.17  | 32908.28                                                                                                                      | 6681.67                                                         | -0.010      | 0.010      | 0.150       | -0.192     | 0.020     | 0.529            | 6.348            |                                                 |  |
| 6/30/2021                                                                              | 3900    | 3900      | 50786.20  | 32908.26                                                                                                                      | 6681.55                                                         | 0.027       | -0.018     | -0.117      | -0.165     | 0.002     | 0.412            | 4.944            |                                                 |  |
| 7/1/2021                                                                               | 3900    | 3900      | 50786.24  | 32908.30                                                                                                                      | 6681.53                                                         | 0.044       | 0.041      | -0.021      | -0.121     | 0.043     | 0.391            | 4.692            |                                                 |  |
| 7/2/2021                                                                               | 3900    | 3900      | 50786.21  | 32908.23                                                                                                                      | 6681.54                                                         | -0.039      | -0.069     | 0.006       | -0.160     | -0.026    | 0.397            | 4.764            |                                                 |  |
| 7/5/2021                                                                               | 3900    | 3900      | 50786.18  | 32908.25                                                                                                                      | 6681.48                                                         | -0.025      | 0.015      | -0.060      | -0.185     | -0.011    | 0.337            | 4.044            |                                                 |  |
| 7/6/2021                                                                               | 3900    | 3900      | 50786.24  | 32908.25                                                                                                                      | 6681.52                                                         | 0.061       | 0.008      | 0.047       | -0.124     | -0.003    | 0.384            | 4.608            |                                                 |  |
| 7/7/2021                                                                               | 3900    | 3900      | 50786.20  | 32908.21                                                                                                                      | 6681.54                                                         | -0.045      | -0.041     | 0.013       | -0.169     | -0.044    | 0.397            | 4.764            |                                                 |  |
| 7/8/2021                                                                               | 3900    | 3900      | 50786.19  | 32908.26                                                                                                                      | 6681.56                                                         | -0.004      | 0.049      | 0.021       | -0.173     | 0.005     | 0.418            | 5.016            |                                                 |  |
| 7/8/2021                                                                               | 3900    | 3900      | 50786.18  | 32908.24                                                                                                                      | 6681.54                                                         | -0.009      | -0.022     | -0.021      | -0.182     | -0.017    | 0.397            | 4.764            |                                                 |  |
| 7/12/2021                                                                              | 3900    | 3900      | 50786.21  | 32908.24                                                                                                                      | 6681.52                                                         | 0.030       | -0.001     | -0.022      | -0.152     | -0.018    | 0.375            | 4.500            |                                                 |  |
| 7/13/2021                                                                              | 3900    | 3900      | 50786.21  | 32908.23                                                                                                                      | 6681.46                                                         | -0.001      | -0.007     | -0.052      | -0.153     | -0.025    | 0.323            | 3.876            |                                                 |  |
| 7/14/2021                                                                              | 3900    | 3900      | 50786.21  | 32908.24                                                                                                                      | 6681.51                                                         | -0.003      | 0.006      | 0.048       | -0.156     | -0.019    | 0.371            | 4.452            |                                                 |  |
| 7/15/2021                                                                              | 3900    | 3900      | 50786.20  | 32908.23                                                                                                                      | 6681.52                                                         | -0.014      | -0.006     | 0.010       | -0.170     | -0.025    | 0.381            | 4.572            |                                                 |  |
| 7/16/2021                                                                              | 3900    | 3900      | 50786.18  | 32908.26                                                                                                                      | 6681.51                                                         | -0.012      | 0.024      | -0.015      | -0.182     | -0.001    | 0.366            | 4.392            |                                                 |  |
|                                                                                        |         |           |           |                                                                                                                               |                                                                 |             |            |             |            |           |                  |                  |                                                 |  |
| 3/29/2021                                                                              | 4000    | 4000      | 50696.32  | 32865.34                                                                                                                      | 6683.12                                                         |             |            |             |            |           |                  |                  | 0.00                                            |  |
| 4/6/2021                                                                               | 4000    | 4000      | 50696.42  | 32865.34                                                                                                                      | 6683.01                                                         | 0.106       | 0.007      | -0.115      | 0.106      | 0.007     | -0.115           | -1.380           |                                                 |  |
| 5/13/2021                                                                              | 4000    | 4000      | 50696.28  | 32865.35                                                                                                                      | 6683.01                                                         | -0.145      | 0.004      | 0.003       | -0.039     | 0.011     | -0.112           | -1.344           |                                                 |  |
| 5/18/2021                                                                              | 4000    | 4000      | 50696.25  | 32865.39                                                                                                                      | 6683.23                                                         | -0.033      | 0.042      | 0.221       | -0.072     | 0.053     | 0.109            | 1.308            |                                                 |  |
| 5/19/2021                                                                              | 4000    | 4000      | 50696.28  | 32865.33                                                                                                                      | 6683.21                                                         | 0.036       | -0.056     | -0.025      | -0.036     | -0.003    | 0.084            | 1.008            |                                                 |  |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |             |            |             |            |           |                  |                  |                                                 |  |  |  |         |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|-------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|--|--|--|---------|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |             |            |             |            |           |                  |                  |                                                 |  |  |  |         |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |             |            |             |            |           |                  |                  |                                                 |  |  |  |         |
| STATION:                           |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |         |             |            |             |            |           |                  |                  |                                                 |  |  |  | 6710.86 |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |             |            |             |            |           |                  |                  |                                                 |  |  |  |         |
|                                    |         |           |           |                                                                                                                               |         |             |            |             |            |           |                  |                  |                                                 |  |  |  |         |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |  |  |  |         |
| 5/20/2021                          | 4000    | 4000      | 50696.28  | 32865.35                                                                                                                      | 6683.19 | -0.003      | 0.017      | -0.016      | -0.039     | 0.014     | 0.068            | 0.816            |                                                 |  |  |  |         |
| 5/21/2021                          | 4000    | 4000      | 50696.33  | 32865.33                                                                                                                      | 6683.21 | 0.052       | -0.025     | 0.020       | 0.013      | -0.011    | 0.088            | 1.056            |                                                 |  |  |  |         |
| 5/24/2021                          | 4000    | 4000      | 50696.29  | 32865.31                                                                                                                      | 6683.19 | -0.043      | -0.014     | -0.023      | -0.030     | -0.025    | 0.065            | 0.780            |                                                 |  |  |  |         |
| 5/25/2021                          | 4000    | 4000      | 50696.36  | 32865.32                                                                                                                      | 6683.21 | 0.076       | 0.005      | 0.028       | 0.046      | -0.020    | 0.093            | 1.116            |                                                 |  |  |  |         |
| 5/26/2021                          | 4000    | 4000      | 50696.34  | 32865.29                                                                                                                      | 6683.19 | -0.021      | -0.028     | -0.020      | 0.025      | -0.048    | 0.073            | 0.876            |                                                 |  |  |  |         |
| 5/27/2021                          | 4000    | 4000      | 50696.33  | 32865.29                                                                                                                      | 6683.19 | -0.018      | -0.003     | -0.003      | 0.007      | -0.051    | 0.070            | 0.840            |                                                 |  |  |  |         |
| 5/28/2021                          | 4000    | 4000      | 50696.33  | 32865.29                                                                                                                      | 6683.15 | 0.004       | 0.004      | -0.037      | 0.011      | -0.047    | 0.033            | 0.396            |                                                 |  |  |  |         |
| 5/29/2021                          | 4000    | 4000      | 50696.27  | 32865.30                                                                                                                      | 6683.22 | -0.058      | 0.013      | 0.066       | -0.047     | -0.034    | 0.099            | 1.188            |                                                 |  |  |  |         |
| 6/1/2021                           | 4000    | 4000      | 50696.32  | 32865.32                                                                                                                      | 6683.21 | 0.051       | 0.019      | -0.010      | 0.004      | -0.015    | 0.089            | 1.068            |                                                 |  |  |  |         |
| 6/2/2021                           | 4000    | 4000      | 50696.37  | 32865.32                                                                                                                      | 6683.21 | 0.046       | 0.002      | -0.002      | 0.050      | -0.013    | 0.087            | 1.044            |                                                 |  |  |  |         |
| 6/3/2021                           | 4000    | 4000      | 50696.32  | 32865.29                                                                                                                      | 6683.20 | -0.049      | -0.037     | -0.012      | 0.001      | -0.050    | 0.075            | 0.900            |                                                 |  |  |  |         |
| 6/4/2021                           | 4000    | 4000      | 50696.34  | 32865.27                                                                                                                      | 6683.17 | 0.025       | -0.013     | -0.024      | 0.026      | -0.063    | 0.051            | 0.612            |                                                 |  |  |  |         |
| 6/5/2021                           | 4000    | 4000      | 50696.27  | 32865.36                                                                                                                      | 6683.34 | -0.070      | 0.086      | 0.164       | -0.044     | 0.023     | 0.215            | 2.580            |                                                 |  |  |  |         |
| 6/8/2021                           | 4000    | 4000      | 50696.27  | 32865.34                                                                                                                      | 6683.46 | -0.008      | -0.021     | 0.123       | -0.052     | 0.002     | 0.338            | 4.056            |                                                 |  |  |  |         |
| 6/9/2021                           | 4000    | 4000      | 50696.27  | 32865.34                                                                                                                      | 6683.47 | 0.004       | -0.002     | 0.008       | -0.048     | 0.000     | 0.346            | 4.152            |                                                 |  |  |  |         |
| 6/10/2021                          | 4000    | 4000      | 50696.23  | 32865.39                                                                                                                      | 6683.51 | -0.042      | 0.058      | 0.047       | -0.090     | 0.058     | 0.393            | 4.716            |                                                 |  |  |  |         |
| 6/11/2021                          | 4000    | 4000      | 50696.24  | 32865.36                                                                                                                      | 6683.46 | 0.007       | -0.033     | -0.055      | -0.083     | 0.025     | 0.338            | 4.056            |                                                 |  |  |  |         |
| 6/12/2021                          | 4000    | 4000      | 50696.25  | 32865.31                                                                                                                      | 6683.62 | 0.018       | -0.051     | 0.162       | -0.065     | -0.026    | 0.500            | 6.000            |                                                 |  |  |  |         |
| 6/14/2021                          | 4000    | 4000      | 50696.25  | 32865.30                                                                                                                      | 6683.62 | -0.006      | -0.012     | 0.001       | -0.071     | -0.038    | 0.501            | 6.012            |                                                 |  |  |  |         |
| 6/15/2021                          | 4000    | 4000      | 50696.24  | 32865.27                                                                                                                      | 6683.61 | -0.008      | -0.026     | -0.011      | -0.079     | -0.064    | 0.490            | 5.880            |                                                 |  |  |  |         |
| 6/16/2021                          | 4000    | 4000      | 50696.24  | 32865.28                                                                                                                      | 6683.58 | -0.003      | 0.003      | -0.034      | -0.082     | -0.061    | 0.456            | 5.472            |                                                 |  |  |  |         |
| 6/17/2021                          | 4000    | 4000      | 50696.23  | 32865.34                                                                                                                      | 6683.62 | -0.006      | 0.065      | 0.041       | -0.088     | 0.004     | 0.497            | 5.964            |                                                 |  |  |  |         |
| 6/18/2021                          | 4000    | 4000      | 50696.15  | 32865.26                                                                                                                      | 6683.57 | -0.081      | -0.081     | -0.047      | -0.169     | -0.077    | 0.450            | 5.400            |                                                 |  |  |  |         |
| 6/19/2021                          | 4000    | 4000      | 50696.21  | 32865.27                                                                                                                      | 6683.59 | 0.062       | 0.011      | 0.017       | -0.107     | -0.066    | 0.467            | 5.604            |                                                 |  |  |  |         |
| 6/21/2021                          | 4000    | 4000      | 50696.22  | 32865.28                                                                                                                      | 6683.58 | 0.004       | 0.013      | -0.005      | -0.103     | -0.053    | 0.462            | 5.544            |                                                 |  |  |  |         |
| 6/22/2021                          | 4000    | 4000      | 50696.22  | 32865.23                                                                                                                      | 6683.55 | 0.004       | -0.057     | -0.034      | -0.099     | -0.110    | 0.428            | 5.136            |                                                 |  |  |  |         |
| 6/23/2021                          | 4000    | 4000      | 50696.17  | 32865.26                                                                                                                      | 6683.57 | -0.050      | 0.037      | 0.025       | -0.149     | -0.073    | 0.453            | 5.436            |                                                 |  |  |  |         |
| 6/24/2021                          | 4000    | 4000      | 50696.20  | 32865.30                                                                                                                      | 6683.64 | 0.031       | 0.040      | 0.069       | -0.118     | -0.033    | 0.522            | 6.264            |                                                 |  |  |  |         |
| 6/25/2021                          | 4000    | 4000      | 50696.13  | 32865.20                                                                                                                      | 6683.54 | -0.072      | -0.108     | -0.105      | -0.190     | -0.141    | 0.417            | 5.004            |                                                 |  |  |  |         |
| 6/28/2021                          | 4000    | 4000      | 50696.17  | 32865.26                                                                                                                      | 6683.56 | 0.042       | 0.065      | 0.017       | -0.148     | -0.076    | 0.434            | 5.208            |                                                 |  |  |  |         |
| 6/29/2021                          | 4000    | 4000      | 50696.18  | 32865.20                                                                                                                      | 6683.68 | 0.005       | -0.058     | 0.125       | -0.143     | -0.134    | 0.559            | 6.708            |                                                 |  |  |  |         |
| 6/30/2021                          | 4000    | 4000      | 50696.19  | 32865.32                                                                                                                      | 6683.58 | 0.017       | 0.113      | -0.105      | -0.126     | -0.021    | 0.454            | 5.448            |                                                 |  |  |  |         |
| 7/1/2021                           | 4000    | 4000      | 50696.20  | 32865.24                                                                                                                      | 6683.53 | 0.005       | -0.080     | -0.045      | -0.121     | -0.101    | 0.409            | 4.908            |                                                 |  |  |  |         |
| 7/2/2021                           | 4000    | 4000      | 50696.22  | 32865.27                                                                                                                      | 6683.54 | 0.027       | 0.030      | 0.010       | -0.094     | -0.071    | 0.419            | 5.028            |                                                 |  |  |  |         |
| 7/5/2021                           | 4000    | 4000      | 50696.19  | 32865.26                                                                                                                      | 6683.54 | -0.034      | -0.009     | -0.005      | -0.128     | -0.080    | 0.414            | 4.968            |                                                 |  |  |  |         |
| 7/6/2021                           | 4000    | 4000      | 50696.15  | 32865.28                                                                                                                      | 6683.55 | -0.036      | 0.026      | 0.018       | -0.164     | -0.054    | 0.432            | 5.184            |                                                 |  |  |  |         |
| 7/7/2021                           | 4000    | 4000      | 50696.19  | 32865.24                                                                                                                      | 6683.57 | 0.032       | -0.041     | 0.019       | -0.132     | -0.095    | 0.451            | 5.412            |                                                 |  |  |  |         |
| 7/8/2021                           | 4000    | 4000      | 50696.19  | 32865.27                                                                                                                      | 6683.57 | 0.006       | 0.031      | -0.006      | -0.126     | -0.064    | 0.445            | 5.340            |                                                 |  |  |  |         |
| 7/8/2021                           | 4000    | 4000      | 50696.16  | 32865.27                                                                                                                      | 6683.55 | -0.037      | 0.000      | -0.016      | -0.163     | -0.064    | 0.429            | 5.148            |                                                 |  |  |  |         |
| 7/12/2021                          | 4000    | 4000      | 50696.16  | 32865.25                                                                                                                      | 6683.55 | 0.004       | -0.020     | 0.003       | -0.159     | -0.084    | 0.432            | 5.184            |                                                 |  |  |  |         |
| 7/13/2021                          | 4000    | 4000      | 50696.18  | 32865.25                                                                                                                      | 6683.52 | 0.016       | 0.001      | -0.032      | -0.143     | -0.083    | 0.400            | 4.800            |                                                 |  |  |  |         |
| 7/14/2021                          | 4000    | 4000      | 50696.18  | 32865.28                                                                                                                      | 6683.55 | 0.008       | 0.022      | 0.024       | -0.135     | -0.061    | 0.424            | 5.088            |                                                 |  |  |  |         |
| 7/15/2021                          | 4000    | 4000      | 50696.12  | 32865.25                                                                                                                      | 6683.54 | -0.068      | -0.023     | -0.007      | -0.203     | -0.084    | 0.417            | 5.004            |                                                 |  |  |  |         |
| 7/16/2021                          | 4000    | 4000      | 50696.17  | 32865.26                                                                                                                      | 6683.51 | 0.057       | 0.003      | -0.033      | -0.146     | -0.081    | 0.384            | 4.608            |                                                 |  |  |  |         |
| 3/29/2021                          | 4100    | 4100      | 50606.43  | 32822.57                                                                                                                      | 6684.75 |             |            |             |            |           |                  |                  | 0.00                                            |  |  |  |         |
| 4/6/2021                           | 4100    | 4100      | 50606.48  | 32822.66                                                                                                                      | 6684.65 | 0.044       | 0.094      | -0.100      | 0.044      | 0.094     | -0.100           | -1.200           |                                                 |  |  |  |         |
| 5/13/2021                          | 4100    | 4100      | 50606.47  | 32822.62                                                                                                                      | 6684.63 | -0.011      | -0.045     | -0.015      | 0.033      | 0.049     | -0.115           | -1.380           |                                                 |  |  |  |         |
| 5/18/2021                          | 4100    | 4100      | 50606.45  | 32822.64                                                                                                                      | 6684.84 | -0.016      | 0.020      | 0.210       | 0.017      | 0.069     | 0.095            | 1.140            |                                                 |  |  |  |         |
| 5/19/2021                          | 4100    | 4100      | 50606.44  | 32822.66                                                                                                                      | 6684.83 | -0.006      | 0.024      | -0.015      | 0.011      | 0.093     | 0.080            | 0.960            |                                                 |  |  |  |         |
| 5/20/2021                          | 4100    | 4100      | 50606.49  | 32822.63                                                                                                                      | 6684.82 | 0.042       | -0.033     | -0.008      | 0.053      | 0.060     | 0.072            | 0.864            |                                                 |  |  |  |         |

**Table 1 - Daily Subsidence Data**

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |             |            |             |            |           |                  |                  |  |                                                 |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|-------------|------------|-------------|------------|-----------|------------------|------------------|--|-------------------------------------------------|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |             |            |             |            |           |                  |                  |  |                                                 |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |             |            |             |            |           |                  |                  |  |                                                 |
| STATION:                           |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |         |             |            |             |            |           |                  |                  |  | 6710.86                                         |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |             |            |             |            |           |                  |                  |  |                                                 |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) |  | Proposed Initial Ballast Raised Height (Inches) |
| 5/21/2021                          | 4100    | 4100      | 50606.51  | 32822.50                                                                                                                      | 6684.89 | 0.025       | -0.124     | 0.072       | 0.078      | -0.064    | 0.144            | 1.728            |  |                                                 |
| 5/24/2021                          | 4100    | 4100      | 50606.51  | 32822.53                                                                                                                      | 6684.86 | 0.002       | 0.027      | -0.034      | 0.080      | -0.037    | 0.110            | 1.320            |  |                                                 |
| 5/25/2021                          | 4100    | 4100      | 50606.55  | 32822.51                                                                                                                      | 6684.87 | 0.037       | -0.017     | 0.017       | 0.117      | -0.054    | 0.127            | 1.524            |  |                                                 |
| 5/26/2021                          | 4100    | 4100      | 50606.53  | 32822.48                                                                                                                      | 6684.88 | -0.019      | -0.032     | 0.011       | 0.098      | -0.086    | 0.138            | 1.656            |  |                                                 |
| 5/27/2021                          | 4100    | 4100      | 50606.50  | 32822.46                                                                                                                      | 6684.85 | -0.030      | -0.025     | -0.037      | 0.068      | -0.111    | 0.101            | 1.212            |  |                                                 |
| 5/28/2021                          | 4100    | 4100      | 50606.51  | 32822.47                                                                                                                      | 6684.81 | 0.014       | 0.010      | -0.036      | 0.082      | -0.101    | 0.065            | 0.780            |  |                                                 |
| 5/29/2021                          | 4100    | 4100      | 50606.56  | 32822.53                                                                                                                      | 6684.87 | 0.044       | 0.063      | 0.055       | 0.126      | -0.038    | 0.120            | 1.440            |  |                                                 |
| 6/1/2021                           | 4100    | 4100      | 50606.55  | 32822.52                                                                                                                      | 6684.87 | -0.011      | -0.010     | 0.001       | 0.115      | -0.048    | 0.121            | 1.452            |  |                                                 |
| 6/2/2021                           | 4100    | 4100      | 50606.56  | 32822.50                                                                                                                      | 6684.93 | 0.015       | -0.022     | 0.060       | 0.130      | -0.070    | 0.181            | 2.172            |  |                                                 |
| 6/3/2021                           | 4100    | 4100      | 50606.56  | 32822.51                                                                                                                      | 6684.89 | -0.004      | 0.011      | -0.040      | 0.126      | -0.059    | 0.141            | 1.692            |  |                                                 |
| 6/4/2021                           | 4100    | 4100      | 50606.51  | 32822.47                                                                                                                      | 6684.86 | -0.050      | -0.037     | -0.032      | 0.076      | -0.096    | 0.109            | 1.308            |  |                                                 |
| 6/5/2021                           | 4100    | 4100      | 50606.47  | 32822.56                                                                                                                      | 6685.13 | -0.036      | 0.084      | 0.277       | 0.040      | -0.012    | 0.386            | 4.632            |  |                                                 |
| 6/8/2021                           | 4100    | 4100      | 50606.47  | 32822.47                                                                                                                      | 6685.25 | -0.006      | -0.085     | 0.120       | 0.034      | -0.097    | 0.506            | 6.072            |  |                                                 |
| 6/9/2021                           | 4100    | 4100      | 50606.45  | 32822.47                                                                                                                      | 6685.27 | -0.012      | 0.001      | 0.021       | 0.022      | -0.096    | 0.527            | 6.324            |  |                                                 |
| 6/10/2021                          | 4100    | 4100      | 50606.42  | 32822.50                                                                                                                      | 6685.26 | -0.035      | 0.028      | -0.010      | -0.013     | -0.068    | 0.517            | 6.204            |  |                                                 |
| 6/11/2021                          | 4100    | 4100      | 50606.44  | 32822.49                                                                                                                      | 6685.26 | 0.023       | -0.010     | -0.005      | 0.010      | -0.078    | 0.512            | 6.144            |  |                                                 |
| 6/12/2021                          | 4100    | 4100      | 50606.44  | 32822.44                                                                                                                      | 6685.37 | 0.002       | -0.054     | 0.107       | 0.012      | -0.132    | 0.619            | 7.428            |  |                                                 |
| 6/14/2021                          | 4100    | 4100      | 50606.44  | 32822.44                                                                                                                      | 6685.40 | 0.000       | 0.000      | 0.034       | 0.012      | -0.132    | 0.653            | 7.836            |  |                                                 |
| 6/15/2021                          | 4100    | 4100      | 50606.45  | 32822.43                                                                                                                      | 6685.38 | 0.004       | -0.007     | -0.017      | 0.016      | -0.139    | 0.636            | 7.632            |  |                                                 |
| 6/16/2021                          | 4100    | 4100      | 50606.42  | 32822.42                                                                                                                      | 6685.34 | -0.024      | -0.014     | -0.038      | -0.008     | -0.153    | 0.598            | 7.176            |  |                                                 |
| 6/17/2021                          | 4100    | 4100      | 50606.39  | 32822.48                                                                                                                      | 6685.39 | -0.039      | 0.064      | 0.041       | -0.047     | -0.089    | 0.639            | 7.668            |  |                                                 |
| 6/18/2021                          | 4100    | 4100      | 50606.43  | 32822.42                                                                                                                      | 6685.35 | 0.040       | -0.063     | -0.032      | -0.007     | -0.152    | 0.607            | 7.284            |  |                                                 |
| 6/19/2021                          | 4100    | 4100      | 50606.41  | 32822.43                                                                                                                      | 6685.36 | -0.012      | 0.014      | 0.002       | -0.019     | -0.138    | 0.609            | 7.308            |  |                                                 |
| 6/21/2021                          | 4100    | 4100      | 50606.36  | 32822.39                                                                                                                      | 6685.36 | -0.056      | -0.042     | 0.001       | -0.075     | -0.180    | 0.610            | 7.320            |  |                                                 |
| 6/22/2021                          | 4100    | 4100      | 50606.37  | 32822.38                                                                                                                      | 6685.32 | 0.014       | -0.010     | -0.039      | -0.061     | -0.190    | 0.571            | 6.852            |  |                                                 |
| 6/23/2021                          | 4100    | 4100      | 50606.37  | 32822.41                                                                                                                      | 6685.31 | -0.001      | 0.030      | -0.009      | -0.062     | -0.160    | 0.562            | 6.744            |  |                                                 |
| 6/24/2021                          | 4100    | 4100      | 50606.36  | 32822.40                                                                                                                      | 6685.34 | -0.010      | -0.013     | 0.030       | -0.072     | -0.173    | 0.592            | 7.104            |  |                                                 |
| 6/25/2021                          | 4100    | 4100      | 50606.35  | 32822.37                                                                                                                      | 6685.29 | -0.006      | -0.024     | -0.049      | -0.078     | -0.197    | 0.543            | 6.516            |  |                                                 |
| 6/28/2021                          | 4100    | 4100      | 50606.35  | 32822.37                                                                                                                      | 6685.31 | -0.003      | -0.002     | 0.022       | -0.081     | -0.199    | 0.565            | 6.780            |  |                                                 |
| 6/29/2021                          | 4100    | 4100      | 50606.35  | 32822.39                                                                                                                      | 6685.44 | 0.000       | 0.016      | 0.126       | -0.081     | -0.183    | 0.691            | 8.292            |  |                                                 |
| 6/30/2021                          | 4100    | 4100      | 50606.35  | 32822.41                                                                                                                      | 6685.33 | -0.002      | 0.021      | -0.110      | -0.083     | -0.162    | 0.581            | 6.972            |  |                                                 |
| 7/1/2021                           | 4100    | 4100      | 50606.38  | 32822.39                                                                                                                      | 6685.30 | 0.033       | -0.015     | -0.032      | -0.050     | -0.177    | 0.549            | 6.588            |  |                                                 |
| 7/2/2021                           | 4100    | 4100      | 50606.30  | 32822.33                                                                                                                      | 6685.29 | -0.082      | -0.059     | -0.001      | -0.132     | -0.236    | 0.548            | 6.576            |  |                                                 |
| 7/5/2021                           | 4100    | 4100      | 50606.32  | 32822.36                                                                                                                      | 6685.28 | 0.020       | 0.031      | -0.017      | -0.112     | -0.205    | 0.531            | 6.372            |  |                                                 |
| 7/6/2021                           | 4100    | 4100      | 50606.39  | 32822.37                                                                                                                      | 6685.29 | 0.071       | 0.008      | 0.009       | -0.041     | -0.197    | 0.540            | 6.480            |  |                                                 |
| 7/7/2021                           | 4100    | 4100      | 50606.36  | 32822.38                                                                                                                      | 6685.33 | -0.029      | 0.006      | 0.044       | -0.070     | -0.191    | 0.584            | 7.008            |  |                                                 |
| 7/8/2021                           | 4100    | 4100      | 50606.33  | 32822.37                                                                                                                      | 6685.31 | -0.036      | -0.012     | -0.022      | -0.106     | -0.203    | 0.562            | 6.744            |  |                                                 |
| 7/8/2021                           | 4100    | 4100      | 50606.30  | 32822.36                                                                                                                      | 6685.26 | -0.026      | -0.006     | -0.053      | -0.132     | -0.209    | 0.509            | 6.108            |  |                                                 |
| 7/12/2021                          | 4100    | 4100      | 50606.35  | 32822.36                                                                                                                      | 6685.31 | 0.050       | 0.004      | 0.051       | -0.082     | -0.205    | 0.560            | 6.720            |  |                                                 |
| 7/13/2021                          | 4100    | 4100      | 50606.35  | 32822.31                                                                                                                      | 6685.27 | 0.000       | -0.054     | -0.037      | -0.082     | -0.259    | 0.523            | 6.276            |  |                                                 |
| 7/14/2021                          | 4100    | 4100      | 50606.33  | 32822.36                                                                                                                      | 6685.31 | -0.016      | 0.049      | 0.036       | -0.098     | -0.210    | 0.559            | 6.708            |  |                                                 |
| 7/15/2021                          | 4100    | 4100      | 50606.30  | 32822.32                                                                                                                      | 6685.26 | -0.031      | -0.035     | -0.042      | -0.129     | -0.245    | 0.517            | 6.204            |  |                                                 |
| 7/16/2021                          | 4100    | 4100      | 50606.31  | 32822.34                                                                                                                      | 6685.26 | 0.008       | 0.015      | -0.002      | -0.121     | -0.230    | 0.515            | 6.180            |  |                                                 |
| 3/29/2021                          | 4200    | 4200      | 50516.57  | 32779.95                                                                                                                      | 6686.09 |             |            |             |            |           |                  |                  |  | 0.00                                            |
| 4/6/2021                           | 4200    | 4200      | 50516.53  | 32780.02                                                                                                                      | 6685.97 | -0.036      | 0.072      | -0.121      | -0.036     | 0.072     | -0.121           | -1.452           |  |                                                 |
| 5/13/2021                          | 4200    | 4200      | 50516.54  | 32779.98                                                                                                                      | 6685.98 | 0.009       | -0.040     | 0.005       | -0.027     | 0.032     | -0.116           | -1.392           |  |                                                 |
| 5/18/2021                          | 4200    | 4200      | 50516.53  | 32780.05                                                                                                                      | 6686.18 | -0.011      | 0.073      | 0.206       | -0.038     | 0.105     | 0.090            | 1.080            |  |                                                 |
| 5/19/2021                          | 4200    | 4200      | 50516.53  | 32780.02                                                                                                                      | 6686.16 | 0.004       | -0.031     | -0.021      | -0.034     | 0.074     | 0.069            | 0.828            |  |                                                 |
| 5/20/2021                          | 4200    | 4200      | 50516.48  | 32780.01                                                                                                                      | 6686.17 | -0.053      | -0.016     | 0.004       | -0.087     | 0.058     | 0.073            | 0.876            |  |                                                 |
| 5/21/2021                          | 4200    | 4200      | 50516.55  | 32779.85                                                                                                                      | 6686.29 | 0.070       | -0.153     | 0.120       | -0.017     | -0.095    | 0.193            | 2.316            |  |                                                 |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur                                                     |         |           |           |                                                                                                                               | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls |             |            |             |            |           |                  |                  |                                                 |  |
|----------------------------------------------------------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|--|
| *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it. |         |           |           |                                                                                                                               |                                                                 |             |            |             |            |           |                  |                  |                                                 |  |
| DATE:                                                                                  |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |                                                                 |             |            |             |            |           |                  |                  |                                                 |  |
| STATION:                                                                               |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |                                                                 |             |            |             |            |           |                  |                  | 6710.86                                         |  |
| PANEL:                                                                                 |         |           | 7 East LW |                                                                                                                               |                                                                 |             |            |             |            |           |                  |                  |                                                 |  |
|                                                                                        |         |           |           |                                                                                                                               |                                                                 |             |            |             |            |           |                  |                  |                                                 |  |
|                                                                                        |         |           |           |                                                                                                                               |                                                                 |             |            |             |            |           |                  |                  |                                                 |  |
| DATE                                                                                   | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.                                                           | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |  |
| 5/24/2021                                                                              | 4200    | 4200      | 50516.56  | 32779.89                                                                                                                      | 6686.25                                                         | 0.013       | 0.041      | -0.036      | -0.004     | -0.054    | 0.157            | 1.884            |                                                 |  |
| 5/25/2021                                                                              | 4200    | 4200      | 50516.63  | 32779.85                                                                                                                      | 6686.33                                                         | 0.067       | -0.041     | 0.078       | 0.063      | -0.095    | 0.235            | 2.820            |                                                 |  |
| 5/26/2021                                                                              | 4200    | 4200      | 50516.64  | 32779.85                                                                                                                      | 6686.30                                                         | 0.009       | -0.002     | -0.027      | 0.072      | -0.097    | 0.208            | 2.496            |                                                 |  |
| 5/27/2021                                                                              | 4200    | 4200      | 50516.63  | 32779.85                                                                                                                      | 6686.27                                                         | -0.012      | -0.004     | -0.030      | 0.060      | -0.101    | 0.178            | 2.136            |                                                 |  |
| 5/28/2021                                                                              | 4200    | 4200      | 50516.58  | 32779.81                                                                                                                      | 6686.23                                                         | -0.049      | -0.040     | -0.047      | 0.011      | -0.141    | 0.131            | 1.572            |                                                 |  |
| 5/29/2021                                                                              | 4200    | 4200      | 50516.55  | 32779.83                                                                                                                      | 6686.33                                                         | -0.029      | 0.021      | 0.106       | -0.018     | -0.120    | 0.237            | 2.844            |                                                 |  |
| 6/1/2021                                                                               | 4200    | 4200      | 50516.54  | 32779.84                                                                                                                      | 6686.32                                                         | -0.007      | 0.013      | -0.007      | -0.025     | -0.107    | 0.230            | 2.760            |                                                 |  |
| 6/2/2021                                                                               | 4200    | 4200      | 50516.61  | 32779.83                                                                                                                      | 6686.38                                                         | 0.070       | -0.016     | 0.059       | 0.045      | -0.123    | 0.289            | 3.468            |                                                 |  |
| 6/3/2021                                                                               | 4200    | 4200      | 50516.62  | 32779.84                                                                                                                      | 6686.35                                                         | 0.010       | 0.010      | -0.038      | 0.055      | -0.113    | 0.251            | 3.012            |                                                 |  |
| 6/4/2021                                                                               | 4200    | 4200      | 50516.59  | 32779.81                                                                                                                      | 6686.30                                                         | -0.035      | -0.022     | -0.045      | 0.020      | -0.135    | 0.206            | 2.472            |                                                 |  |
| 6/5/2021                                                                               | 4200    | 4200      | 50516.52  | 32779.74                                                                                                                      | 6686.59                                                         | -0.066      | -0.072     | 0.292       | -0.046     | -0.207    | 0.498            | 5.976            |                                                 |  |
| 6/8/2021                                                                               | 4200    | 4200      | 50516.59  | 32779.68                                                                                                                      | 6686.72                                                         | 0.073       | -0.066     | 0.127       | 0.027      | -0.273    | 0.625            | 7.500            |                                                 |  |
| 6/9/2021                                                                               | 4200    | 4200      | 50516.57  | 32779.64                                                                                                                      | 6686.72                                                         | -0.023      | -0.036     | -0.004      | 0.004      | -0.309    | 0.621            | 7.452            |                                                 |  |
| 6/10/2021                                                                              | 4200    | 4200      | 50516.57  | 32779.69                                                                                                                      | 6686.70                                                         | -0.006      | 0.049      | -0.017      | -0.002     | -0.260    | 0.604            | 7.248            |                                                 |  |
| 6/11/2021                                                                              | 4200    | 4200      | 50516.52  | 32779.68                                                                                                                      | 6686.72                                                         | -0.048      | -0.010     | 0.023       | -0.050     | -0.270    | 0.627            | 7.524            |                                                 |  |
| 6/12/2021                                                                              | 4200    | 4200      | 50516.53  | 32779.59                                                                                                                      | 6686.85                                                         | 0.013       | -0.091     | 0.126       | -0.037     | -0.361    | 0.753            | 9.036            |                                                 |  |
| 6/14/2021                                                                              | 4200    | 4200      | 50516.55  | 32779.57                                                                                                                      | 6686.86                                                         | 0.022       | -0.022     | 0.008       | -0.015     | -0.383    | 0.761            | 9.132            |                                                 |  |
| 6/15/2021                                                                              | 4200    | 4200      | 50516.54  | 32779.58                                                                                                                      | 6686.86                                                         | -0.013      | 0.011      | 0.002       | -0.028     | -0.372    | 0.763            | 9.156            |                                                 |  |
| 6/16/2021                                                                              | 4200    | 4200      | 50516.56  | 32779.59                                                                                                                      | 6686.80                                                         | 0.016       | 0.010      | -0.057      | -0.012     | -0.362    | 0.706            | 8.472            |                                                 |  |
| 6/17/2021                                                                              | 4200    | 4200      | 50516.52  | 32779.56                                                                                                                      | 6686.82                                                         | -0.039      | -0.022     | 0.020       | -0.051     | -0.384    | 0.726            | 8.712            |                                                 |  |
| 6/18/2021                                                                              | 4200    | 4200      | 50516.50  | 32779.48                                                                                                                      | 6686.79                                                         | -0.012      | -0.082     | -0.033      | -0.063     | -0.466    | 0.693            | 8.316            |                                                 |  |
| 6/19/2021                                                                              | 4200    | 4200      | 50516.58  | 32779.49                                                                                                                      | 6686.78                                                         | 0.079       | 0.003      | -0.003      | 0.016      | -0.463    | 0.690            | 8.280            |                                                 |  |
| 6/21/2021                                                                              | 4200    | 4200      | 50516.53  | 32779.48                                                                                                                      | 6686.80                                                         | -0.054      | -0.005     | 0.017       | -0.038     | -0.468    | 0.707            | 8.484            |                                                 |  |
| 6/22/2021                                                                              | 4200    | 4200      | 50516.59  | 32779.51                                                                                                                      | 6686.75                                                         | 0.058       | 0.027      | -0.049      | 0.020      | -0.441    | 0.658            | 7.896            |                                                 |  |
| 6/23/2021                                                                              | 4200    | 4200      | 50516.53  | 32779.51                                                                                                                      | 6686.74                                                         | -0.056      | 0.002      | -0.015      | -0.036     | -0.439    | 0.643            | 7.716            |                                                 |  |
| 6/24/2021                                                                              | 4200    | 4200      | 50516.54  | 32779.48                                                                                                                      | 6686.82                                                         | 0.005       | -0.033     | 0.078       | -0.031     | -0.472    | 0.721            | 8.652            |                                                 |  |
| 6/25/2021                                                                              | 4200    | 4200      | 50516.55  | 32779.49                                                                                                                      | 6686.72                                                         | 0.015       | 0.010      | -0.092      | -0.016     | -0.462    | 0.629            | 7.548            |                                                 |  |
| 6/28/2021                                                                              | 4200    | 4200      | 50516.50  | 32779.47                                                                                                                      | 6686.77                                                         | -0.049      | -0.013     | 0.045       | -0.065     | -0.475    | 0.674            | 8.088            |                                                 |  |
| 6/29/2021                                                                              | 4200    | 4200      | 50516.48  | 32779.45                                                                                                                      | 6686.89                                                         | -0.021      | -0.023     | 0.125       | -0.086     | -0.498    | 0.799            | 9.588            |                                                 |  |
| 6/30/2021                                                                              | 4200    | 4200      | 50516.57  | 32779.50                                                                                                                      | 6686.78                                                         | 0.089       | 0.048      | -0.115      | 0.003      | -0.450    | 0.684            | 8.208            |                                                 |  |
| 7/1/2021                                                                               | 4200    | 4200      | 50516.59  | 32779.43                                                                                                                      | 6686.73                                                         | 0.020       | -0.067     | -0.045      | 0.023      | -0.517    | 0.639            | 7.668            |                                                 |  |
| 7/2/2021                                                                               | 4200    | 4200      | 50516.55  | 32779.46                                                                                                                      | 6686.74                                                         | -0.045      | 0.026      | 0.007       | -0.022     | -0.491    | 0.646            | 7.752            |                                                 |  |
| 7/5/2021                                                                               | 4200    | 4200      | 50516.56  | 32779.46                                                                                                                      | 6686.71                                                         | 0.017       | 0.004      | -0.030      | -0.005     | -0.487    | 0.616            | 7.392            |                                                 |  |
| 7/6/2021                                                                               | 4200    | 4200      | 50516.56  | 32779.46                                                                                                                      | 6686.73                                                         | -0.007      | -0.006     | 0.018       | -0.012     | -0.493    | 0.634            | 7.608            |                                                 |  |
| 7/7/2021                                                                               | 4200    | 4200      | 50516.54  | 32779.46                                                                                                                      | 6686.77                                                         | -0.017      | 0.002      | 0.046       | -0.029     | -0.491    | 0.680            | 8.160            |                                                 |  |
| 7/8/2021                                                                               | 4200    | 4200      | 50516.47  | 32779.41                                                                                                                      | 6686.76                                                         | -0.067      | -0.047     | -0.019      | -0.096     | -0.538    | 0.661            | 7.932            |                                                 |  |
| 7/8/2021                                                                               | 4200    | 4200      | 50516.49  | 32779.44                                                                                                                      | 6686.76                                                         | 0.016       | 0.033      | 0.005       | -0.080     | -0.505    | 0.666            | 7.992            |                                                 |  |
| 7/12/2021                                                                              | 4200    | 4200      | 50516.53  | 32779.49                                                                                                                      | 6686.76                                                         | 0.044       | 0.044      | -0.002      | -0.036     | -0.461    | 0.664            | 7.968            |                                                 |  |
| 7/13/2021                                                                              | 4200    | 4200      | 50516.50  | 32779.46                                                                                                                      | 6686.75                                                         | -0.034      | -0.027     | -0.007      | -0.070     | -0.488    | 0.657            | 7.884            |                                                 |  |
| 7/14/2021                                                                              | 4200    | 4200      | 50516.48  | 32779.47                                                                                                                      | 6686.75                                                         | -0.013      | 0.007      | -0.004      | -0.083     | -0.481    | 0.653            | 7.836            |                                                 |  |
| 7/15/2021                                                                              | 4200    | 4200      | 50516.48  | 32779.44                                                                                                                      | 6686.70                                                         | -0.007      | -0.029     | -0.049      | -0.090     | -0.510    | 0.604            | 7.248            |                                                 |  |
| 7/16/2021                                                                              | 4200    | 4200      | 50516.48  | 32779.43                                                                                                                      | 6686.71                                                         | 0.004       | -0.007     | 0.007       | -0.086     | -0.517    | 0.611            | 7.332            |                                                 |  |
| 3/29/2021                                                                              | 4300    | 4300      | 50426.04  | 32737.76                                                                                                                      | 6687.49                                                         |             |            |             |            |           |                  |                  | 0.00                                            |  |
| 4/6/2021                                                                               | 4300    | 4300      | 50425.99  | 32737.71                                                                                                                      | 6687.40                                                         | -0.056      | -0.052     | -0.094      | -0.056     | -0.052    | -0.094           | -1.128           |                                                 |  |
| 5/13/2021                                                                              | 4300    | 4300      | 50425.99  | 32737.77                                                                                                                      | 6687.38                                                         | 0.007       | 0.059      | -0.021      | -0.049     | 0.007     | -0.115           | -1.380           |                                                 |  |
| 5/18/2021                                                                              | 4300    | 4300      | 50426.03  | 32737.82                                                                                                                      | 6687.62                                                         | 0.037       | 0.051      | 0.239       | -0.012     | 0.058     | 0.124            | 1.488            |                                                 |  |
| 5/19/2021                                                                              | 4300    | 4300      | 50426.07  | 32737.76                                                                                                                      | 6687.57                                                         | 0.035       | -0.063     | -0.046      | 0.023      | -0.005    | 0.078            | 0.936            |                                                 |  |
| 5/20/2021                                                                              | 4300    | 4300      | 50426.05  | 32737.73                                                                                                                      | 6687.60                                                         | -0.014      | -0.022     | 0.032       | 0.009      | -0.027    | 0.110            | 1.320            |                                                 |  |
| 5/21/2021                                                                              | 4300    | 4300      | 50426.11  | 32737.60                                                                                                                      | 6687.72                                                         | 0.063       | -0.131     | 0.118       | 0.072      | -0.158    | 0.228            | 2.736            |                                                 |  |
| 5/24/2021                                                                              | 4300    | 4300      | 50426.12  | 32737.62                                                                                                                      | 6687.69                                                         | 0.003       | 0.013      | -0.037      | 0.075      | -0.145    | 0.191            | 2.292            |                                                 |  |

**Table 1 - Daily Subsidence Data**

| WC 7 East Panel - UPRR Energy Spur |         |           |           |                                                                                                                               | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                        |                                                                      |            |             |            |           |                  |                  |                                                 |  |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|--|
|                                    |         |           |           |                                                                                                                               | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it. |                                                                      |            |             |            |           |                  |                  |                                                 |  |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |  |
| STATION:                           |         |           | 104+06    |                                                                                                                               |                                                                                        | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW |            |             |            |           |                  |                  | 6710.86                                         |  |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |  |
|                                    |         |           |           |                                                                                                                               |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |  |
|                                    |         |           |           |                                                                                                                               |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |  |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.                                                                                  | DELTA NORTH                                                          | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |  |
| 5/25/2021                          | 4300    | 4300      | 50426.13  | 32737.56                                                                                                                      | 6687.76                                                                                | 0.008                                                                | -0.052     | 0.074       | 0.083      | -0.197    | 0.265            | 3.180            |                                                 |  |
| 5/26/2021                          | 4300    | 4300      | 50426.16  | 32737.55                                                                                                                      | 6687.75                                                                                | 0.036                                                                | -0.013     | -0.007      | 0.119      | -0.210    | 0.258            | 3.096            |                                                 |  |
| 5/27/2021                          | 4300    | 4300      | 50426.11  | 32737.55                                                                                                                      | 6687.70                                                                                | -0.050                                                               | -0.004     | -0.053      | 0.069      | -0.214    | 0.205            | 2.460            |                                                 |  |
| 5/28/2021                          | 4300    | 4300      | 50426.11  | 32737.58                                                                                                                      | 6687.64                                                                                | 0.002                                                                | 0.029      | -0.060      | 0.071      | -0.185    | 0.145            | 1.740            |                                                 |  |
| 5/29/2021                          | 4300    | 4300      | 50426.08  | 32737.59                                                                                                                      | 6687.78                                                                                | -0.031                                                               | 0.016      | 0.142       | 0.040      | -0.169    | 0.287            | 3.444            |                                                 |  |
| 6/1/2021                           | 4300    | 4300      | 50426.12  | 32737.60                                                                                                                      | 6687.77                                                                                | 0.035                                                                | 0.012      | -0.009      | 0.075      | -0.157    | 0.278            | 3.336            |                                                 |  |
| 6/2/2021                           | 4300    | 4300      | 50426.13  | 32737.57                                                                                                                      | 6687.83                                                                                | 0.013                                                                | -0.030     | 0.062       | 0.088      | -0.187    | 0.340            | 4.080            |                                                 |  |
| 6/3/2021                           | 4300    | 4300      | 50426.13  | 32737.59                                                                                                                      | 6687.76                                                                                | 0.003                                                                | 0.015      | -0.070      | 0.091      | -0.172    | 0.270            | 3.240            |                                                 |  |
| 6/4/2021                           | 4300    | 4300      | 50426.08  | 32737.59                                                                                                                      | 6687.71                                                                                | -0.058                                                               | 0.000      | -0.051      | 0.033      | -0.172    | 0.219            | 2.628            |                                                 |  |
| 6/5/2021                           | 4300    | 4300      | 50426.04  | 32737.46                                                                                                                      | 6688.04                                                                                | -0.037                                                               | -0.126     | 0.331       | -0.004     | -0.298    | 0.550            | 6.600            |                                                 |  |
| 6/8/2021                           | 4300    | 4300      | 50426.08  | 32737.39                                                                                                                      | 6688.15                                                                                | 0.038                                                                | -0.070     | 0.102       | 0.034      | -0.368    | 0.652            | 7.824            |                                                 |  |
| 6/9/2021                           | 4300    | 4300      | 50426.10  | 32737.38                                                                                                                      | 6688.15                                                                                | 0.023                                                                | -0.014     | 0.006       | 0.057      | -0.382    | 0.658            | 7.896            |                                                 |  |
| 6/10/2021                          | 4300    | 4300      | 50426.04  | 32737.37                                                                                                                      | 6688.14                                                                                | -0.060                                                               | -0.008     | -0.016      | -0.003     | -0.390    | 0.642            | 7.704            |                                                 |  |
| 6/11/2021                          | 4300    | 4300      | 50426.03  | 32737.38                                                                                                                      | 6688.13                                                                                | -0.005                                                               | 0.006      | -0.008      | -0.008     | -0.384    | 0.634            | 7.608            |                                                 |  |
| 6/12/2021                          | 4300    | 4300      | 50426.05  | 32737.27                                                                                                                      | 6688.23                                                                                | 0.016                                                                | -0.105     | 0.106       | 0.008      | -0.489    | 0.740            | 8.880            |                                                 |  |
| 6/14/2021                          | 4300    | 4300      | 50426.06  | 32737.27                                                                                                                      | 6688.25                                                                                | 0.006                                                                | -0.002     | 0.012       | 0.014      | -0.491    | 0.752            | 9.024            |                                                 |  |
| 6/15/2021                          | 4300    | 4300      | 50426.06  | 32737.24                                                                                                                      | 6688.21                                                                                | 0.005                                                                | -0.034     | -0.036      | 0.019      | -0.525    | 0.716            | 8.592            |                                                 |  |
| 6/16/2021                          | 4300    | 4300      | 50426.06  | 32737.24                                                                                                                      | 6688.19                                                                                | -0.004                                                               | 0.006      | -0.017      | 0.015      | -0.519    | 0.699            | 8.388            |                                                 |  |
| 6/17/2021                          | 4300    | 4300      | 50426.08  | 32737.18                                                                                                                      | 6688.17                                                                                | 0.023                                                                | -0.060     | -0.027      | 0.038      | -0.579    | 0.672            | 8.064            |                                                 |  |
| 6/18/2021                          | 4300    | 4300      | 50426.11  | 32737.14                                                                                                                      | 6688.24                                                                                | 0.032                                                                | -0.040     | 0.078       | 0.070      | -0.619    | 0.750            | 9.000            |                                                 |  |
| 6/19/2021                          | 4300    | 4300      | 50426.10  | 32737.06                                                                                                                      | 6688.27                                                                                | -0.014                                                               | -0.078     | 0.025       | 0.056      | -0.697    | 0.775            | 9.300            |                                                 |  |
| 6/21/2021                          | 4300    | 4300      | 50426.06  | 32737.09                                                                                                                      | 6688.28                                                                                | -0.036                                                               | 0.024      | 0.008       | 0.020      | -0.673    | 0.783            | 9.396            |                                                 |  |
| 6/22/2021                          | 4300    | 4300      | 50426.11  | 32737.02                                                                                                                      | 6688.22                                                                                | 0.050                                                                | -0.068     | -0.062      | 0.070      | -0.741    | 0.721            | 8.652            |                                                 |  |
| 6/23/2021                          | 4300    | 4300      | 50426.07  | 32737.06                                                                                                                      | 6688.24                                                                                | -0.044                                                               | 0.045      | 0.023       | 0.026      | -0.696    | 0.744            | 8.928            |                                                 |  |
| 6/24/2021                          | 4300    | 4300      | 50426.10  | 32737.05                                                                                                                      | 6688.26                                                                                | 0.027                                                                | -0.010     | 0.023       | 0.053      | -0.706    | 0.767            | 9.204            |                                                 |  |
| 6/25/2021                          | 4300    | 4300      | 50426.08  | 32737.03                                                                                                                      | 6688.20                                                                                | -0.015                                                               | -0.026     | -0.062      | 0.038      | -0.732    | 0.705            | 8.460            |                                                 |  |
| 6/28/2021                          | 4300    | 4300      | 50426.07  | 32737.01                                                                                                                      | 6688.20                                                                                | -0.013                                                               | -0.023     | -0.003      | 0.025      | -0.755    | 0.702            | 8.424            |                                                 |  |
| 6/29/2021                          | 4300    | 4300      | 50426.06  | 32737.01                                                                                                                      | 6688.35                                                                                | -0.010                                                               | 0.001      | 0.149       | 0.015      | -0.754    | 0.851            | 10.212           |                                                 |  |
| 6/30/2021                          | 4300    | 4300      | 50426.13  | 32737.02                                                                                                                      | 6688.23                                                                                | 0.072                                                                | 0.009      | -0.120      | 0.087      | -0.745    | 0.731            | 8.772            |                                                 |  |
| 7/1/2021                           | 4300    | 4300      | 50426.03  | 32737.01                                                                                                                      | 6688.18                                                                                | -0.103                                                               | -0.004     | -0.050      | -0.016     | -0.749    | 0.681            | 8.172            |                                                 |  |
| 7/2/2021                           | 4300    | 4300      | 50426.08  | 32736.97                                                                                                                      | 6688.18                                                                                | 0.049                                                                | -0.037     | 0.002       | 0.033      | -0.786    | 0.683            | 8.196            |                                                 |  |
| 7/5/2021                           | 4300    | 4300      | 50426.10  | 32736.96                                                                                                                      | 6688.14                                                                                | 0.023                                                                | -0.010     | -0.034      | 0.056      | -0.796    | 0.649            | 7.788            |                                                 |  |
| 7/6/2021                           | 4300    | 4300      | 50426.13  | 32736.95                                                                                                                      | 6688.16                                                                                | 0.033                                                                | -0.011     | 0.018       | 0.089      | -0.807    | 0.667            | 8.004            |                                                 |  |
| 7/7/2021                           | 4300    | 4300      | 50426.07  | 32736.97                                                                                                                      | 6688.19                                                                                | -0.057                                                               | 0.012      | 0.024       | 0.032      | -0.795    | 0.691            | 8.292            |                                                 |  |
| 7/8/2021                           | 4300    | 4300      | 50426.06  | 32736.95                                                                                                                      | 6688.17                                                                                | -0.013                                                               | -0.019     | -0.013      | 0.019      | -0.814    | 0.678            | 8.136            |                                                 |  |
| 7/8/2021                           | 4300    | 4300      | 50426.07  | 32736.97                                                                                                                      | 6688.20                                                                                | 0.004                                                                | 0.027      | 0.027       | 0.023      | -0.787    | 0.705            | 8.460            |                                                 |  |
| 7/12/2021                          | 4300    | 4300      | 50426.08  | 32736.98                                                                                                                      | 6688.19                                                                                | 0.014                                                                | 0.003      | -0.007      | 0.037      | -0.784    | 0.698            | 8.376            |                                                 |  |
| 7/13/2021                          | 4300    | 4300      | 50426.05  | 32736.94                                                                                                                      | 6688.19                                                                                | -0.034                                                               | -0.033     | -0.002      | 0.003      | -0.817    | 0.696            | 8.352            |                                                 |  |
| 7/14/2021                          | 4300    | 4300      | 50426.04  | 32736.96                                                                                                                      | 6688.18                                                                                | -0.009                                                               | 0.019      | -0.007      | -0.006     | -0.798    | 0.689            | 8.268            |                                                 |  |
| 7/15/2021                          | 4300    | 4300      | 50426.01  | 32736.97                                                                                                                      | 6688.16                                                                                | -0.029                                                               | 0.005      | -0.024      | -0.035     | -0.793    | 0.665            | 7.980            |                                                 |  |
| 7/16/2021                          | 4300    | 4300      | 50426.04  | 32736.93                                                                                                                      | 6688.15                                                                                | 0.028                                                                | -0.041     | -0.012      | -0.007     | -0.834    | 0.653            | 7.836            |                                                 |  |
| 3/29/2021                          | 4400    | 4400      | 50333.57  | 32697.12                                                                                                                      | 6689.14                                                                                |                                                                      |            |             |            |           |                  |                  |                                                 |  |
| 4/6/2021                           | 4400    | 4400      | 50333.58  | 32697.18                                                                                                                      | 6689.04                                                                                | 0.004                                                                | 0.060      | -0.095      | 0.004      | 0.060     | -0.095           | -1.140           | 1.00                                            |  |
| 5/13/2021                          | 4400    | 4400      | 50333.51  | 32697.22                                                                                                                      | 6689.05                                                                                | -0.068                                                               | 0.043      | 0.002       | -0.064     | 0.103     | -0.093           | -1.116           |                                                 |  |
| 5/18/2021                          | 4400    | 4400      | 50333.56  | 32697.22                                                                                                                      | 6689.31                                                                                | 0.049                                                                | -0.002     | 0.268       | -0.015     | 0.101     | 0.175            | 2.100            |                                                 |  |
| 5/19/2021                          | 4400    | 4400      | 50333.56  | 32697.19                                                                                                                      | 6689.27                                                                                | 0.002                                                                | -0.031     | -0.047      | -0.013     | 0.070     | 0.128            | 1.536            |                                                 |  |
| 5/20/2021                          | 4400    | 4400      | 50333.55  | 32697.16                                                                                                                      | 6689.29                                                                                | -0.008                                                               | -0.031     | 0.021       | -0.021     | 0.039     | 0.149            | 1.788            |                                                 |  |
| 5/21/2021                          | 4400    | 4400      | 50333.65  | 32697.11                                                                                                                      | 6689.43                                                                                | 0.100                                                                | -0.050     | 0.138       | 0.079      | -0.011    | 0.287            | 3.444            |                                                 |  |
| 5/24/2021                          | 4400    | 4400      | 50333.63  | 32697.12                                                                                                                      | 6689.38                                                                                | -0.023                                                               | 0.018      | -0.045      | 0.056      | 0.007     | 0.242            | 2.904            |                                                 |  |
| 5/25/2021                          | 4400    | 4400      | 50333.63  | 32697.12                                                                                                                      | 6689.44                                                                                | -0.004                                                               | -0.004     | 0.057       | 0.052      | 0.003     | 0.299            | 3.588            |                                                 |  |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |             |            |             |            |           |                  |                  |  |                                                 |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|-------------|------------|-------------|------------|-----------|------------------|------------------|--|-------------------------------------------------|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |             |            |             |            |           |                  |                  |  |                                                 |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |             |            |             |            |           |                  |                  |  |                                                 |
| STATION:                           |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |         |             |            |             |            |           |                  |                  |  | 6710.86                                         |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |             |            |             |            |           |                  |                  |  |                                                 |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) |  | Proposed Initial Ballast Raised Height (Inches) |
| 5/26/2021                          | 4400    | 4400      | 50333.66  | 32697.12                                                                                                                      | 6689.40 | 0.036       | -0.002     | -0.041      | 0.088      | 0.001     | 0.258            | 3.096            |  |                                                 |
| 5/27/2021                          | 4400    | 4400      | 50333.60  | 32697.16                                                                                                                      | 6689.33 | -0.064      | 0.037      | -0.072      | 0.024      | 0.038     | 0.186            | 2.232            |  |                                                 |
| 5/28/2021                          | 4400    | 4400      | 50333.57  | 32697.14                                                                                                                      | 6689.21 | -0.030      | -0.017     | -0.115      | -0.006     | 0.021     | 0.071            | 0.852            |  |                                                 |
| 5/29/2021                          | 4400    | 4400      | 50333.61  | 32697.19                                                                                                                      | 6689.40 | 0.046       | 0.053      | 0.193       | 0.040      | 0.074     | 0.264            | 3.168            |  |                                                 |
| 6/1/2021                           | 4400    | 4400      | 50333.56  | 32697.19                                                                                                                      | 6689.40 | -0.055      | -0.006     | -0.004      | -0.015     | 0.068     | 0.260            | 3.120            |  |                                                 |
| 6/2/2021                           | 4400    | 4400      | 50333.59  | 32697.20                                                                                                                      | 6689.46 | 0.032       | 0.010      | 0.061       | 0.017      | 0.078     | 0.321            | 3.852            |  |                                                 |
| 6/3/2021                           | 4400    | 4400      | 50333.58  | 32697.00                                                                                                                      | 6689.30 | -0.007      | -0.191     | -0.161      | 0.010      | -0.113    | 0.160            | 1.920            |  |                                                 |
| 6/4/2021                           | 4400    | 4400      | 50333.68  | 32697.06                                                                                                                      | 6689.22 | 0.098       | 0.060      | -0.078      | 0.108      | -0.053    | 0.082            | 0.984            |  |                                                 |
| 6/5/2021                           | 4400    | 4400      | 50333.66  | 32696.90                                                                                                                      | 6689.48 | -0.019      | -0.169     | 0.262       | 0.089      | -0.222    | 0.344            | 4.128            |  |                                                 |
| 6/8/2021                           | 4400    | 4400      | 50333.55  | 32696.76                                                                                                                      | 6689.61 | -0.114      | -0.132     | 0.130       | -0.025     | -0.354    | 0.474            | 5.688            |  |                                                 |
| 6/9/2021                           | 4400    | 4400      | 50333.58  | 32696.75                                                                                                                      | 6689.58 | 0.030       | -0.014     | -0.037      | 0.005      | -0.368    | 0.437            | 5.244            |  |                                                 |
| 6/10/2021                          | 4400    | 4400      | 50333.55  | 32696.73                                                                                                                      | 6689.54 | -0.026      | -0.015     | -0.034      | -0.021     | -0.383    | 0.403            | 4.836            |  |                                                 |
| 6/11/2021                          | 4400    | 4400      | 50333.54  | 32696.79                                                                                                                      | 6689.53 | -0.016      | 0.056      | -0.013      | -0.037     | -0.327    | 0.390            | 4.680            |  |                                                 |
| 6/12/2021                          | 4400    | 4400      | 50333.58  | 32696.72                                                                                                                      | 6689.64 | 0.042       | -0.073     | 0.106       | 0.005      | -0.400    | 0.496            | 5.952            |  |                                                 |
| 6/14/2021                          | 4400    | 4400      | 50333.60  | 32696.65                                                                                                                      | 6689.65 | 0.016       | -0.064     | 0.013       | 0.021      | -0.464    | 0.509            | 6.108            |  |                                                 |
| 6/15/2021                          | 4400    | 4400      | 50333.53  | 32696.66                                                                                                                      | 6689.61 | -0.069      | 0.005      | -0.036      | -0.048     | -0.459    | 0.473            | 5.676            |  |                                                 |
| 6/16/2021                          | 4400    | 4400      | 50333.54  | 32696.63                                                                                                                      | 6689.56 | 0.014       | -0.025     | -0.049      | -0.034     | -0.484    | 0.424            | 5.088            |  |                                                 |
| 6/17/2021                          | 4400    | 4400      | 50333.51  | 32696.66                                                                                                                      | 6689.54 | -0.027      | 0.029      | -0.020      | -0.061     | -0.455    | 0.404            | 4.848            |  |                                                 |
| 6/18/2021                          | 4400    | 4400      | 50333.56  | 32696.50                                                                                                                      | 6689.54 | 0.051       | -0.165     | 0.001       | -0.010     | -0.620    | 0.405            | 4.860            |  |                                                 |
| 6/19/2021                          | 4400    | 4400      | 50333.62  | 32696.41                                                                                                                      | 6689.58 | 0.055       | -0.089     | 0.038       | 0.045      | -0.709    | 0.443            | 5.316            |  |                                                 |
| 6/21/2021                          | 4400    | 4400      | 50333.58  | 32696.40                                                                                                                      | 6689.58 | -0.040      | -0.008     | 0.002       | 0.005      | -0.717    | 0.445            | 5.340            |  |                                                 |
| 6/22/2021                          | 4400    | 4400      | 50333.59  | 32696.34                                                                                                                      | 6689.52 | 0.006       | -0.062     | -0.061      | 0.011      | -0.779    | 0.384            | 4.608            |  |                                                 |
| 6/23/2021                          | 4400    | 4400      | 50333.60  | 32696.40                                                                                                                      | 6689.52 | 0.014       | 0.061      | -0.004      | 0.025      | -0.718    | 0.380            | 4.560            |  |                                                 |
| 6/24/2021                          | 4400    | 4400      | 50333.58  | 32696.37                                                                                                                      | 6689.56 | -0.019      | -0.027     | 0.042       | 0.006      | -0.745    | 0.422            | 5.064            |  |                                                 |
| 6/25/2021                          | 4400    | 4400      | 50333.61  | 32696.37                                                                                                                      | 6689.48 | 0.033       | 0.000      | -0.086      | 0.039      | -0.745    | 0.336            | 4.032            |  |                                                 |
| 6/28/2021                          | 4400    | 4400      | 50333.57  | 32696.33                                                                                                                      | 6689.48 | -0.040      | -0.038     | 0.008       | -0.001     | -0.783    | 0.344            | 4.128            |  |                                                 |
| 6/29/2021                          | 4400    | 4400      | 50333.62  | 32696.31                                                                                                                      | 6689.64 | 0.045       | -0.026     | 0.160       | 0.044      | -0.809    | 0.504            | 6.048            |  |                                                 |
| 6/30/2021                          | 4400    | 4400      | 50333.61  | 32696.31                                                                                                                      | 6689.50 | -0.005      | 0.006      | -0.145      | 0.039      | -0.803    | 0.359            | 4.308            |  |                                                 |
| 7/1/2021                           | 4400    | 4400      | 50333.61  | 32696.32                                                                                                                      | 6689.48 | -0.007      | 0.008      | -0.016      | 0.032      | -0.795    | 0.343            | 4.116            |  |                                                 |
| 7/2/2021                           | 4400    | 4400      | 50333.60  | 32696.28                                                                                                                      | 6689.46 | -0.006      | -0.039     | -0.019      | 0.026      | -0.834    | 0.324            | 3.888            |  |                                                 |
| 7/5/2021                           | 4400    | 4400      | 50333.61  | 32696.26                                                                                                                      | 6689.44 | 0.006       | -0.028     | -0.026      | 0.032      | -0.862    | 0.298            | 3.576            |  |                                                 |
| 7/6/2021                           | 4400    | 4400      | 50333.65  | 32696.27                                                                                                                      | 6689.45 | 0.041       | 0.018      | 0.017       | 0.073      | -0.844    | 0.315            | 3.780            |  |                                                 |
| 7/7/2021                           | 4400    | 4400      | 50333.59  | 32696.26                                                                                                                      | 6689.47 | -0.054      | -0.016     | 0.013       | 0.019      | -0.860    | 0.328            | 3.936            |  |                                                 |
| 7/8/2021                           | 4400    | 4400      | 50333.62  | 32696.23                                                                                                                      | 6689.47 | 0.029       | -0.029     | 0.005       | 0.048      | -0.889    | 0.333            | 3.996            |  |                                                 |
| 7/8/2021                           | 4400    | 4400      | 50333.61  | 32696.25                                                                                                                      | 6689.49 | -0.017      | 0.021      | 0.018       | 0.031      | -0.868    | 0.351            | 4.212            |  |                                                 |
| 7/12/2021                          | 4400    | 4400      | 50333.63  | 32696.25                                                                                                                      | 6689.47 | 0.021       | 0.001      | -0.019      | 0.052      | -0.867    | 0.332            | 3.984            |  |                                                 |
| 7/13/2021                          | 4400    | 4400      | 50333.63  | 32696.24                                                                                                                      | 6689.46 | 0.003       | -0.012     | -0.015      | 0.055      | -0.879    | 0.317            | 3.804            |  |                                                 |
| 7/14/2021                          | 4400    | 4400      | 50333.61  | 32696.27                                                                                                                      | 6689.47 | -0.016      | 0.034      | 0.014       | 0.039      | -0.845    | 0.331            | 3.972            |  |                                                 |
| 7/15/2021                          | 4400    | 4400      | 50333.62  | 32696.24                                                                                                                      | 6689.43 | 0.011       | -0.034     | -0.038      | 0.050      | -0.879    | 0.293            | 3.516            |  |                                                 |
| 7/16/2021                          | 4400    | 4400      | 50333.56  | 32696.24                                                                                                                      | 6689.42 | -0.066      | 0.002      | -0.015      | -0.016     | -0.877    | 0.278            | 3.336            |  |                                                 |
| 3/29/2021                          | 4500    | 4500      | 50240.98  | 32661.16                                                                                                                      | 6691.14 |             |            |             |            |           |                  |                  |  | 6.00                                            |
| 4/6/2021                           | 4500    | 4500      | 50240.84  | 32661.27                                                                                                                      | 6691.01 | -0.133      | 0.111      | -0.133      | -0.133     | 0.111     | -0.133           | -1.596           |  |                                                 |
| 5/13/2021                          | 4500    | 4500      | 50240.89  | 32661.30                                                                                                                      | 6690.95 | 0.043       | 0.030      | -0.059      | -0.090     | 0.141     | -0.192           | -2.304           |  |                                                 |
| 5/18/2021                          | 4500    | 4500      | 50240.88  | 32661.24                                                                                                                      | 6691.30 | -0.004      | -0.062     | 0.349       | -0.094     | 0.079     | 0.157            | 1.884            |  |                                                 |
| 5/19/2021                          | 4500    | 4500      | 50240.92  | 32661.24                                                                                                                      | 6691.17 | 0.041       | -0.004     | -0.133      | -0.053     | 0.075     | 0.024            | 0.288            |  |                                                 |
| 5/20/2021                          | 4500    | 4500      | 50240.85  | 32661.24                                                                                                                      | 6691.22 | -0.069      | -0.002     | 0.051       | -0.122     | 0.073     | 0.075            | 0.900            |  |                                                 |
| 5/21/2021                          | 4500    | 4500      | 50240.91  | 32661.31                                                                                                                      | 6691.19 | 0.058       | 0.078      | -0.027      | -0.064     | 0.151     | 0.048            | 0.576            |  |                                                 |
| 5/24/2021                          | 4500    | 4500      | 50240.92  | 32661.36                                                                                                                      | 6691.15 | 0.008       | 0.045      | -0.035      | -0.056     | 0.196     | 0.013            | 0.156            |  |                                                 |
| 5/25/2021                          | 4500    | 4500      | 50240.96  | 32661.30                                                                                                                      | 6691.23 | 0.043       | -0.063     | 0.074       | -0.013     | 0.133     | 0.087            | 1.044            |  |                                                 |
| 5/26/2021                          | 4500    | 4500      | 50240.91  | 32661.34                                                                                                                      | 6691.20 | -0.053      | 0.047      | -0.033      | -0.066     | 0.180     | 0.054            | 0.648            |  |                                                 |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |         |           |           |          | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |             |            |             |            |           |                  |                  |  |                                                 |
|------------------------------------|---------|-----------|-----------|----------|-------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-------------|------------|-----------|------------------|------------------|--|-------------------------------------------------|
|                                    |         |           |           |          | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |             |            |             |            |           |                  |                  |  |                                                 |
| DATE:                              |         |           | 7/16/21   |          | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |             |            |             |            |           |                  |                  |  |                                                 |
| STATION:                           |         |           | 104+06    |          | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |             |            |             |            |           |                  |                  |  | 6710.86                                         |
| PANEL:                             |         |           | 7 East LW |          |                                                                                                                               |             |            |             |            |           |                  |                  |  |                                                 |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST     | ELEV.                                                                                                                         | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) |  | Proposed Initial Ballast Raised Height (Inches) |
| 5/27/2021                          | 4500    | 4500      | 50240.85  | 32661.44 | 6691.03                                                                                                                       | -0.063      | 0.094      | -0.163      | -0.129     | 0.274     | -0.109           | -1.308           |  |                                                 |
| 5/28/2021                          | 4500    | 4500      | 50240.78  | 32661.45 | 6690.91                                                                                                                       | -0.068      | 0.013      | -0.127      | -0.197     | 0.287     | -0.236           | -2.832           |  |                                                 |
| 5/29/2021                          | 4500    | 4500      | 50240.90  | 32661.47 | 6691.00                                                                                                                       | 0.120       | 0.023      | 0.095       | -0.077     | 0.310     | -0.141           | -1.692           |  |                                                 |
| 6/1/2021                           | 4500    | 4500      | 50240.79  | 32661.48 | 6690.94                                                                                                                       | -0.105      | 0.007      | -0.058      | -0.182     | 0.317     | -0.199           | -2.388           |  |                                                 |
| 6/2/2021                           | 4500    | 4500      | 50240.87  | 32661.47 | 6690.88                                                                                                                       | 0.079       | -0.007     | -0.058      | -0.103     | 0.310     | -0.257           | -3.084           |  |                                                 |
| 6/3/2021                           | 4500    | 4500      | 50240.97  | 32660.97 | 6690.67                                                                                                                       | 0.099       | -0.507     | -0.219      | -0.004     | -0.197    | -0.476           | -5.712           |  |                                                 |
| 6/4/2021                           | 4500    | 4500      | 50240.89  | 32660.94 | 6690.46                                                                                                                       | -0.087      | -0.022     | -0.203      | -0.091     | -0.219    | -0.679           | -8.148           |  |                                                 |
| 6/5/2021                           | 4500    | 4500      | 50240.87  | 32660.78 | 6690.75                                                                                                                       | -0.013      | -0.166     | 0.283       | -0.104     | -0.385    | -0.396           | -4.752           |  |                                                 |
| 6/8/2021                           | 4500    | 4500      | 50240.95  | 32660.68 | 6690.76                                                                                                                       | 0.073       | -0.103     | 0.018       | -0.031     | -0.488    | -0.378           | -4.536           |  |                                                 |
| 6/9/2021                           | 4500    | 4500      | 50240.91  | 32660.71 | 6690.66                                                                                                                       | -0.039      | 0.034      | -0.100      | -0.070     | -0.454    | -0.478           | -5.736           |  |                                                 |
| 6/10/2021                          | 4500    | 4500      | 50240.90  | 32660.68 | 6690.57                                                                                                                       | -0.002      | -0.033     | -0.096      | -0.072     | -0.487    | -0.574           | -6.888           |  |                                                 |
| 6/11/2021                          | 4500    | 4500      | 50240.89  | 32660.63 | 6690.54                                                                                                                       | -0.011      | -0.042     | -0.024      | -0.083     | -0.529    | -0.598           | -7.176           |  |                                                 |
| 6/12/2021                          | 4500    | 4500      | 50240.87  | 32660.65 | 6690.67                                                                                                                       | -0.022      | 0.020      | 0.128       | -0.105     | -0.509    | -0.470           | -5.640           |  |                                                 |
| 6/14/2021                          | 4500    | 4500      | 50240.91  | 32660.63 | 6690.59                                                                                                                       | 0.041       | -0.021     | -0.083      | -0.064     | -0.530    | -0.553           | -6.636           |  |                                                 |
| 6/15/2021                          | 4500    | 4500      | 50240.87  | 32660.62 | 6690.52                                                                                                                       | -0.040      | -0.010     | -0.066      | -0.104     | -0.540    | -0.619           | -7.428           |  |                                                 |
| 6/16/2021                          | 4500    | 4500      | 50240.90  | 32660.62 | 6690.43                                                                                                                       | 0.031       | 0.001      | -0.097      | -0.073     | -0.539    | -0.716           | -8.592           |  |                                                 |
| 6/17/2021                          | 4500    | 4500      | 50240.88  | 32660.64 | 6690.39                                                                                                                       | -0.020      | 0.020      | -0.035      | -0.093     | -0.519    | -0.751           | -9.012           |  |                                                 |
| 6/18/2021                          | 4500    | 4500      | 50240.91  | 32660.36 | 6690.43                                                                                                                       | 0.026       | -0.283     | 0.041       | -0.067     | -0.802    | -0.710           | -8.520           |  |                                                 |
| 6/19/2021                          | 4500    | 4500      | 50241.00  | 32660.26 | 6690.45                                                                                                                       | 0.089       | -0.097     | 0.021       | 0.022      | -0.899    | -0.689           | -8.268           |  |                                                 |
| 6/21/2021                          | 4500    | 4500      | 50240.91  | 32660.27 | 6690.47                                                                                                                       | -0.085      | 0.007      | 0.016       | -0.063     | -0.892    | -0.673           | -8.076           |  |                                                 |
| 6/22/2021                          | 4500    | 4500      | 50240.97  | 32660.22 | 6690.40                                                                                                                       | 0.054       | -0.054     | -0.065      | -0.009     | -0.946    | -0.738           | -8.856           |  |                                                 |
| 6/23/2021                          | 4500    | 4500      | 50240.96  | 32660.26 | 6690.40                                                                                                                       | -0.007      | 0.039      | -0.006      | -0.016     | -0.907    | -0.744           | -8.928           |  |                                                 |
| 6/24/2021                          | 4500    | 4500      | 50240.96  | 32660.27 | 6690.41                                                                                                                       | -0.004      | 0.012      | 0.010       | -0.020     | -0.895    | -0.734           | -8.808           |  |                                                 |
| 6/25/2021                          | 4500    | 4500      | 50240.92  | 32660.26 | 6690.32                                                                                                                       | -0.032      | -0.012     | -0.084      | -0.052     | -0.907    | -0.818           | -9.816           |  |                                                 |
| 6/28/2021                          | 4500    | 4500      | 50240.92  | 32660.17 | 6690.34                                                                                                                       | -0.007      | -0.084     | 0.020       | -0.059     | -0.991    | -0.798           | -9.576           |  |                                                 |
| 6/29/2021                          | 4500    | 4500      | 50240.93  | 32660.15 | 6690.49                                                                                                                       | 0.008       | -0.024     | 0.145       | -0.051     | -1.015    | -0.653           | -7.836           |  |                                                 |
| 6/30/2021                          | 4500    | 4500      | 50240.93  | 32660.17 | 6690.35                                                                                                                       | 0.002       | 0.020      | -0.141      | -0.049     | -0.995    | -0.794           | -9.528           |  |                                                 |
| 7/1/2021                           | 4500    | 4500      | 50241.00  | 32660.18 | 6690.34                                                                                                                       | 0.071       | 0.015      | -0.004      | 0.022      | -0.980    | -0.798           | -9.576           |  |                                                 |
| 7/2/2021                           | 4500    | 4500      | 50240.95  | 32660.13 | 6690.31                                                                                                                       | -0.052      | -0.052     | -0.031      | -0.030     | -1.032    | -0.829           | -9.948           |  |                                                 |
| 7/5/2021                           | 4500    | 4500      | 50240.98  | 32660.04 | 6690.27                                                                                                                       | 0.033       | -0.093     | -0.042      | 0.003      | -1.125    | -0.871           | -10.452          |  |                                                 |
| 7/6/2021                           | 4500    | 4500      | 50241.01  | 32660.06 | 6690.30                                                                                                                       | 0.029       | 0.026      | 0.030       | 0.032      | -1.099    | -0.841           | -10.092          |  |                                                 |
| 7/7/2021                           | 4500    | 4500      | 50240.98  | 32660.04 | 6690.35                                                                                                                       | -0.033      | -0.024     | 0.051       | -0.001     | -1.123    | -0.790           | -9.480           |  |                                                 |
| 7/8/2021                           | 4500    | 4500      | 50240.94  | 32660.07 | 6690.29                                                                                                                       | -0.036      | 0.028      | -0.063      | -0.037     | -1.095    | -0.853           | -10.236          |  |                                                 |
| 7/8/2021                           | 4500    | 4500      | 50240.98  | 32660.08 | 6690.33                                                                                                                       | 0.036       | 0.016      | 0.044       | -0.001     | -1.079    | -0.809           | -9.708           |  |                                                 |
| 7/12/2021                          | 4500    | 4500      | 50240.96  | 32660.10 | 6690.30                                                                                                                       | -0.013      | 0.011      | -0.035      | -0.014     | -1.068    | -0.844           | -10.128          |  |                                                 |
| 7/13/2021                          | 4500    | 4500      | 50240.95  | 32660.04 | 6690.27                                                                                                                       | -0.015      | -0.051     | -0.029      | -0.029     | -1.119    | -0.873           | -10.476          |  |                                                 |
| 7/14/2021                          | 4500    | 4500      | 50240.97  | 32660.07 | 6690.29                                                                                                                       | 0.018       | 0.022      | 0.021       | -0.011     | -1.097    | -0.852           | -10.224          |  |                                                 |
| 7/15/2021                          | 4500    | 4500      | 50240.97  | 32660.07 | 6690.23                                                                                                                       | 0.005       | 0.002      | -0.057      | -0.006     | -1.095    | -0.909           | -10.908          |  |                                                 |
| 7/16/2021                          | 4500    | 4500      | 50240.92  | 32660.04 | 6690.26                                                                                                                       | -0.049      | -0.024     | 0.023       | -0.055     | -1.119    | -0.886           | -10.632          |  |                                                 |
| 3/29/2021                          | 4600    | 4600      | 50145.80  | 32630.20 | 6692.89                                                                                                                       |             |            |             |            |           |                  |                  |  | 15.00                                           |
| 4/6/2021                           | 4600    | 4600      | 50146.18  | 32630.09 | 6692.79                                                                                                                       | 0.382       | -0.105     | -0.097      | 0.382      | -0.105    | -0.097           | -1.164           |  |                                                 |
| 5/13/2021                          | 4600    | 4600      | 50145.85  | 32630.22 | 6692.78                                                                                                                       | -0.330      | 0.128      | -0.013      | 0.052      | 0.023     | -0.110           | -1.320           |  |                                                 |
| 5/18/2021                          | 4600    | 4600      | 50145.81  | 32630.17 | 6693.07                                                                                                                       | -0.037      | -0.053     | 0.284       | 0.015      | -0.030    | 0.174            | 2.088            |  |                                                 |
| 5/19/2021                          | 4600    | 4600      | 50145.92  | 32630.23 | 6693.00                                                                                                                       | 0.111       | 0.060      | -0.064      | 0.126      | 0.030     | 0.110            | 1.320            |  |                                                 |
| 5/20/2021                          | 4600    | 4600      | 50145.85  | 32630.20 | 6693.00                                                                                                                       | -0.077      | -0.022     | 0.003       | 0.049      | 0.008     | 0.113            | 1.356            |  |                                                 |
| 5/21/2021                          | 4600    | 4600      | 50145.87  | 32630.31 | 6693.13                                                                                                                       | 0.029       | 0.111      | 0.126       | 0.078      | 0.119     | 0.239            | 2.868            |  |                                                 |
| 5/24/2021                          | 4600    | 4600      | 50145.88  | 32630.33 | 6693.09                                                                                                                       | 0.008       | 0.012      | -0.040      | 0.086      | 0.131     | 0.199            | 2.388            |  |                                                 |
| 5/25/2021                          | 4600    | 4600      | 50145.84  | 32630.39 | 6693.12                                                                                                                       | -0.039      | 0.068      | 0.031       | 0.047      | 0.199     | 0.230            | 2.760            |  |                                                 |
| 5/26/2021                          | 4600    | 4600      | 50145.86  | 32630.38 | 6693.03                                                                                                                       | 0.013       | -0.013     | -0.091      | 0.060      | 0.186     | 0.139            | 1.668            |  |                                                 |
| 5/27/2021                          | 4600    | 4600      | 50145.78  | 32630.47 | 6692.91                                                                                                                       | -0.076      | 0.093      | -0.117      | -0.016     | 0.279     | 0.022            | 0.264            |  |                                                 |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|---------|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
| STATION:                           |         |           | 104+06    |                                                                                                                               |         | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW |            |             |            |           |                  |                  |                                                 | 6710.86 |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
|                                    |         |           |           |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
|                                    |         |           |           |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH                                                          | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |         |
| 5/28/2021                          | 4600    | 4600      | 50145.77  | 32630.50                                                                                                                      | 6692.69 | -0.010                                                               | 0.030      | -0.228      | -0.026     | 0.309     | -0.206           | -2.472           |                                                 |         |
| 5/29/2021                          | 4600    | 4600      | 50145.77  | 32630.48                                                                                                                      | 6692.69 | -0.003                                                               | -0.022     | 0.009       | -0.029     | 0.287     | -0.197           | -2.364           |                                                 |         |
| 6/1/2021                           | 4600    | 4600      | 50145.71  | 32630.52                                                                                                                      | 6692.58 | -0.061                                                               | 0.038      | -0.116      | -0.090     | 0.325     | -0.313           | -3.756           |                                                 |         |
| 6/2/2021                           | 4600    | 4600      | 50145.77  | 32630.53                                                                                                                      | 6692.39 | 0.064                                                                | 0.006      | -0.187      | -0.026     | 0.331     | -0.500           | -6.000           |                                                 |         |
| 6/3/2021                           | 4600    | 4600      | 50145.94  | 32629.71                                                                                                                      | 6692.05 | 0.165                                                                | -0.817     | -0.343      | 0.139      | -0.486    | -0.843           | -10.116          |                                                 |         |
| 6/4/2021                           | 4600    | 4600      | 50145.87  | 32629.75                                                                                                                      | 6691.64 | -0.061                                                               | 0.038      | -0.410      | 0.078      | -0.448    | -1.253           | -15.036          |                                                 |         |
| 6/5/2021                           | 4600    | 4600      | 50145.95  | 32629.57                                                                                                                      | 6691.85 | 0.072                                                                | -0.182     | 0.207       | 0.150      | -0.630    | -1.046           | -12.552          |                                                 |         |
| 6/8/2021                           | 4600    | 4600      | 50145.84  | 32629.47                                                                                                                      | 6691.77 | -0.104                                                               | -0.098     | -0.077      | 0.046      | -0.728    | -1.123           | -13.476          |                                                 |         |
| 6/9/2021                           | 4600    | 4600      | 50145.90  | 32629.48                                                                                                                      | 6691.52 | 0.055                                                                | 0.009      | -0.248      | 0.101      | -0.719    | -1.371           | -16.452          |                                                 |         |
| 6/10/2021                          | 4600    | 4600      | 50145.89  | 32629.50                                                                                                                      | 6691.30 | -0.011                                                               | 0.019      | -0.220      | 0.090      | -0.700    | -1.591           | -19.092          |                                                 |         |
| 6/11/2021                          | 4600    | 4600      | 50145.83  | 32629.56                                                                                                                      | 6691.17 | -0.058                                                               | 0.063      | -0.130      | 0.032      | -0.637    | -1.721           | -20.652          |                                                 |         |
| 6/12/2021                          | 4600    | 4600      | 50145.91  | 32629.46                                                                                                                      | 6691.33 | 0.080                                                                | -0.100     | 0.161       | 0.112      | -0.737    | -1.560           | -18.720          |                                                 |         |
| 6/14/2021                          | 4600    | 4600      | 50145.93  | 32629.43                                                                                                                      | 6691.24 | 0.022                                                                | -0.026     | -0.094      | 0.134      | -0.763    | -1.654           | -19.848          |                                                 |         |
| 6/15/2021                          | 4600    | 4600      | 50145.89  | 32629.43                                                                                                                      | 6691.13 | -0.043                                                               | -0.003     | -0.111      | 0.091      | -0.766    | -1.765           | -21.180          |                                                 |         |
| 6/16/2021                          | 4600    | 4600      | 50145.84  | 32629.39                                                                                                                      | 6690.93 | -0.048                                                               | -0.040     | -0.193      | 0.043      | -0.806    | -1.958           | -23.496          |                                                 |         |
| 6/17/2021                          | 4600    | 4600      | 50145.86  | 32629.37                                                                                                                      | 6690.85 | 0.018                                                                | -0.021     | -0.084      | 0.061      | -0.827    | -2.042           | -24.504          |                                                 |         |
| 6/18/2021                          | 4600    | 4600      | 50145.92  | 32629.11                                                                                                                      | 6690.87 | 0.066                                                                | -0.260     | 0.018       | 0.127      | -1.087    | -2.024           | -24.288          |                                                 |         |
| 6/19/2021                          | 4600    | 4600      | 50146.00  | 32629.01                                                                                                                      | 6690.88 | 0.081                                                                | -0.102     | 0.012       | 0.208      | -1.189    | -2.012           | -24.144          |                                                 |         |
| 6/21/2021                          | 4600    | 4600      | 50145.97  | 32629.01                                                                                                                      | 6690.84 | -0.032                                                               | 0.003      | -0.043      | 0.176      | -1.186    | -2.055           | -24.660          |                                                 |         |
| 6/22/2021                          | 4600    | 4600      | 50145.92  | 32628.98                                                                                                                      | 6690.75 | -0.057                                                               | -0.032     | -0.087      | 0.119      | -1.218    | -2.142           | -25.704          |                                                 |         |
| 6/23/2021                          | 4600    | 4600      | 50145.99  | 32628.86                                                                                                                      | 6690.76 | 0.073                                                                | -0.117     | 0.015       | 0.192      | -1.335    | -2.127           | -25.524          |                                                 |         |
| 6/24/2021                          | 4600    | 4600      | 50145.98  | 32628.86                                                                                                                      | 6690.78 | -0.009                                                               | -0.005     | 0.011       | 0.183      | -1.340    | -2.116           | -25.392          |                                                 |         |
| 6/25/2021                          | 4600    | 4600      | 50145.96  | 32628.84                                                                                                                      | 6690.68 | -0.021                                                               | -0.017     | -0.091      | 0.162      | -1.357    | -2.207           | -26.484          |                                                 |         |
| 6/28/2021                          | 4600    | 4600      | 50145.96  | 32628.81                                                                                                                      | 6690.73 | -0.002                                                               | -0.027     | 0.044       | 0.160      | -1.384    | -2.163           | -25.956          |                                                 |         |
| 6/29/2021                          | 4600    | 4600      | 50146.02  | 32628.70                                                                                                                      | 6690.89 | 0.068                                                                | -0.116     | 0.165       | 0.228      | -1.500    | -1.998           | -23.976          |                                                 |         |
| 6/30/2021                          | 4600    | 4600      | 50146.00  | 32628.72                                                                                                                      | 6690.74 | -0.023                                                               | 0.023      | -0.153      | 0.205      | -1.477    | -2.151           | -25.812          |                                                 |         |
| 7/1/2021                           | 4600    | 4600      | 50146.06  | 32628.73                                                                                                                      | 6690.74 | 0.059                                                                | 0.011      | 0.000       | 0.264      | -1.466    | -2.151           | -25.812          |                                                 |         |
| 7/2/2021                           | 4600    | 4600      | 50145.93  | 32628.60                                                                                                                      | 6690.70 | -0.134                                                               | -0.129     | -0.044      | 0.130      | -1.595    | -2.195           | -26.340          |                                                 |         |
| 7/5/2021                           | 4600    | 4600      | 50146.04  | 32628.69                                                                                                                      | 6690.66 | 0.111                                                                | 0.089      | -0.034      | 0.241      | -1.506    | -2.229           | -26.748          |                                                 |         |
| 7/6/2021                           | 4600    | 4600      | 50146.08  | 32628.68                                                                                                                      | 6690.66 | 0.041                                                                | -0.013     | 0.002       | 0.282      | -1.519    | -2.227           | -26.724          |                                                 |         |
| 7/7/2021                           | 4600    | 4600      | 50146.04  | 32628.69                                                                                                                      | 6690.69 | -0.043                                                               | 0.011      | 0.021       | 0.239      | -1.508    | -2.206           | -26.472          |                                                 |         |
| 7/8/2021                           | 4600    | 4600      | 50146.03  | 32628.65                                                                                                                      | 6690.66 | -0.008                                                               | -0.041     | -0.025      | 0.231      | -1.549    | -2.231           | -26.772          |                                                 |         |
| 7/8/2021                           | 4600    | 4600      | 50146.03  | 32628.65                                                                                                                      | 6690.68 | 0.006                                                                | 0.004      | 0.021       | 0.237      | -1.545    | -2.210           | -26.520          |                                                 |         |
| 7/12/2021                          | 4600    | 4600      | 50146.01  | 32628.69                                                                                                                      | 6690.66 | -0.023                                                               | 0.042      | -0.019      | 0.214      | -1.503    | -2.229           | -26.748          |                                                 |         |
| 7/13/2021                          | 4600    | 4600      | 50146.03  | 32628.68                                                                                                                      | 6690.63 | 0.015                                                                | -0.017     | -0.030      | 0.229      | -1.520    | -2.259           | -27.108          |                                                 |         |
| 7/14/2021                          | 4600    | 4600      | 50146.01  | 32628.68                                                                                                                      | 6690.63 | -0.013                                                               | 0.006      | -0.003      | 0.216      | -1.514    | -2.262           | -27.144          |                                                 |         |
| 7/15/2021                          | 4600    | 4600      | 50146.00  | 32628.64                                                                                                                      | 6690.61 | -0.014                                                               | -0.042     | -0.022      | 0.202      | -1.556    | -2.284           | -27.408          |                                                 |         |
| 7/16/2021                          | 4600    | 4600      | 50146.01  | 32628.65                                                                                                                      | 6690.61 | 0.008                                                                | 0.011      | 0.006       | 0.210      | -1.545    | -2.278           | -27.336          |                                                 |         |
| 3/29/2021                          | 4700    | 4700      | 50047.97  | 32604.11                                                                                                                      | 6694.62 |                                                                      |            |             |            |           |                  |                  | 18.00                                           |         |
| 4/6/2021                           | 4700    | 4700      | 50047.95  | 32604.16                                                                                                                      | 6694.57 | -0.025                                                               | 0.047      | -0.052      | -0.025     | 0.047     | -0.052           | -0.624           |                                                 |         |
| 5/13/2021                          | 4700    | 4700      | 50047.96  | 32604.11                                                                                                                      | 6694.54 | 0.007                                                                | -0.051     | -0.026      | -0.018     | -0.004    | -0.078           | -0.936           |                                                 |         |
| 5/18/2021                          | 4700    | 4700      | 50047.94  | 32604.11                                                                                                                      | 6694.78 | -0.014                                                               | 0.008      | 0.232       | -0.032     | 0.004     | 0.154            | 1.848            |                                                 |         |
| 5/19/2021                          | 4700    | 4700      | 50048.02  | 32604.08                                                                                                                      | 6694.71 | 0.074                                                                | -0.038     | -0.063      | 0.042      | -0.034    | 0.091            | 1.092            |                                                 |         |
| 5/20/2021                          | 4700    | 4700      | 50047.96  | 32604.07                                                                                                                      | 6694.74 | -0.057                                                               | -0.004     | 0.031       | -0.015     | -0.038    | 0.122            | 1.464            |                                                 |         |
| 5/21/2021                          | 4700    | 4700      | 50048.01  | 32604.15                                                                                                                      | 6694.86 | 0.052                                                                | 0.073      | 0.118       | 0.037      | 0.035     | 0.240            | 2.880            |                                                 |         |
| 5/24/2021                          | 4700    | 4700      | 50048.05  | 32604.13                                                                                                                      | 6694.81 | 0.037                                                                | -0.020     | -0.049      | 0.074      | 0.015     | 0.191            | 2.292            |                                                 |         |
| 5/25/2021                          | 4700    | 4700      | 50048.02  | 32604.16                                                                                                                      | 6694.84 | -0.031                                                               | 0.039      | 0.031       | 0.043      | 0.054     | 0.222            | 2.664            |                                                 |         |
| 5/26/2021                          | 4700    | 4700      | 50048.00  | 32604.15                                                                                                                      | 6694.80 | -0.013                                                               | -0.013     | -0.047      | 0.030      | 0.041     | 0.175            | 2.100            |                                                 |         |
| 5/27/2021                          | 4700    | 4700      | 50047.95  | 32604.22                                                                                                                      | 6694.66 | -0.058                                                               | 0.064      | -0.141      | -0.028     | 0.105     | 0.034            | 0.408            |                                                 |         |
| 5/28/2021                          | 4700    | 4700      | 50047.94  | 32604.23                                                                                                                      | 6694.47 | -0.002                                                               | 0.016      | -0.190      | -0.030     | 0.121     | -0.156           | -1.872           |                                                 |         |

**Table 1 - Daily Subsidence Data**

| WC 7 East Panel - UPRR Energy Spur |         |           |           |          | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |             |            |             |            |           |                  |                  |                                                 |  |
|------------------------------------|---------|-----------|-----------|----------|-------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|--|
|                                    |         |           |           |          | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |             |            |             |            |           |                  |                  |                                                 |  |
| DATE:                              |         |           | 7/16/21   |          | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |             |            |             |            |           |                  |                  |                                                 |  |
| STATION:                           |         |           | 104+06    |          | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |             |            |             |            |           |                  |                  | 6710.86                                         |  |
| PANEL:                             |         |           | 7 East LW |          |                                                                                                                               |             |            |             |            |           |                  |                  |                                                 |  |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST     | ELEV.                                                                                                                         | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |  |
| 5/29/2021                          | 4700    | 4700      | 50048.01  | 32604.20 | 6694.49                                                                                                                       | 0.062       | -0.030     | 0.024       | 0.032      | 0.091     | -0.132           | -1.584           |                                                 |  |
| 6/1/2021                           | 4700    | 4700      | 50047.93  | 32604.23 | 6694.36                                                                                                                       | -0.077      | 0.030      | -0.129      | -0.045     | 0.121     | -0.261           | -3.132           |                                                 |  |
| 6/2/2021                           | 4700    | 4700      | 50047.92  | 32604.21 | 6694.16                                                                                                                       | -0.008      | -0.018     | -0.201      | -0.053     | 0.103     | -0.462           | -5.544           |                                                 |  |
| 6/3/2021                           | 4700    | 4700      | 50048.17  | 32603.38 | 6693.81                                                                                                                       | 0.248       | -0.832     | -0.345      | 0.195      | -0.729    | -0.807           | -9.684           |                                                 |  |
| 6/4/2021                           | 4700    | 4700      | 50048.23  | 32603.05 | 6693.19                                                                                                                       | 0.059       | -0.334     | -0.625      | 0.254      | -1.063    | -1.432           | -17.184          |                                                 |  |
| 6/5/2021                           | 4700    | 4700      | 50048.41  | 32603.27 | 6693.40                                                                                                                       | 0.180       | 0.222      | 0.213       | 0.434      | -0.841    | -1.219           | -14.628          |                                                 |  |
| 6/8/2021                           | 4700    | 4700      | 50048.35  | 32603.29 | 6693.02                                                                                                                       | -0.054      | 0.017      | -0.378      | 0.380      | -0.824    | -1.597           | -19.164          |                                                 |  |
| 6/9/2021                           | 4700    | 4700      | 50048.27  | 32603.27 | 6692.57                                                                                                                       | -0.080      | -0.013     | -0.456      | 0.300      | -0.837    | -2.053           | -24.636          |                                                 |  |
| 6/10/2021                          | 4700    | 4700      | 50048.33  | 32603.31 | 6692.18                                                                                                                       | 0.061       | 0.039      | -0.388      | 0.361      | -0.798    | -2.441           | -29.292          |                                                 |  |
| 6/11/2021                          | 4700    | 4700      | 50048.31  | 32603.32 | 6691.93                                                                                                                       | -0.029      | 0.003      | -0.251      | 0.332      | -0.795    | -2.692           | -32.304          |                                                 |  |
| 6/12/2021                          | 4700    | 4700      | 50048.41  | 32603.30 | 6692.08                                                                                                                       | 0.102       | -0.014     | 0.151       | 0.434      | -0.809    | -2.541           | -30.492          |                                                 |  |
| 6/14/2021                          | 4700    | 4700      | 50048.34  | 32603.27 | 6691.99                                                                                                                       | -0.067      | -0.029     | -0.086      | 0.367      | -0.838    | -2.627           | -31.524          |                                                 |  |
| 6/15/2021                          | 4700    | 4700      | 50048.34  | 32603.24 | 6691.76                                                                                                                       | 0.003       | -0.036     | -0.233      | 0.370      | -0.874    | -2.860           | -34.320          |                                                 |  |
| 6/16/2021                          | 4700    | 4700      | 50048.34  | 32603.19 | 6691.36                                                                                                                       | -0.004      | -0.051     | -0.402      | 0.366      | -0.925    | -3.262           | -39.144          |                                                 |  |
| 6/17/2021                          | 4700    | 4700      | 50048.32  | 32603.15 | 6691.21                                                                                                                       | -0.017      | -0.034     | -0.146      | 0.349      | -0.959    | -3.408           | -40.896          |                                                 |  |
| 6/18/2021                          | 4700    | 4700      | 50048.38  | 32602.87 | 6691.13                                                                                                                       | 0.058       | -0.282     | -0.087      | 0.407      | -1.241    | -3.495           | -41.940          |                                                 |  |
| 6/19/2021                          | 4700    | 4700      | 50048.45  | 32602.75 | 6691.15                                                                                                                       | 0.067       | -0.120     | 0.026       | 0.474      | -1.361    | -3.469           | -41.628          |                                                 |  |
| 6/21/2021                          | 4700    | 4700      | 50048.43  | 32602.74 | 6691.13                                                                                                                       | -0.017      | -0.007     | -0.027      | 0.457      | -1.368    | -3.496           | -41.952          |                                                 |  |
| 6/22/2021                          | 4700    | 4700      | 50048.40  | 32602.69 | 6690.97                                                                                                                       | -0.034      | -0.054     | -0.154      | 0.423      | -1.422    | -3.650           | -43.800          |                                                 |  |
| 6/23/2021                          | 4700    | 4700      | 50048.43  | 32602.59 | 6691.02                                                                                                                       | 0.038       | -0.103     | 0.044       | 0.461      | -1.525    | -3.606           | -43.272          |                                                 |  |
| 6/24/2021                          | 4700    | 4700      | 50048.45  | 32602.55 | 6691.01                                                                                                                       | 0.018       | -0.033     | -0.009      | 0.479      | -1.558    | -3.615           | -43.380          |                                                 |  |
| 6/25/2021                          | 4700    | 4700      | 50048.40  | 32602.54 | 6690.91                                                                                                                       | -0.051      | -0.014     | -0.099      | 0.428      | -1.572    | -3.714           | -44.568          |                                                 |  |
| 6/28/2021                          | 4700    | 4700      | 50048.42  | 32602.47 | 6690.93                                                                                                                       | 0.020       | -0.064     | 0.026       | 0.448      | -1.636    | -3.688           | -44.256          |                                                 |  |
| 6/29/2021                          | 4700    | 4700      | 50048.43  | 32602.37 | 6691.15                                                                                                                       | 0.011       | -0.101     | 0.219       | 0.459      | -1.737    | -3.469           | -41.628          |                                                 |  |
| 6/30/2021                          | 4700    | 4700      | 50048.50  | 32602.36 | 6691.02                                                                                                                       | 0.069       | -0.018     | -0.136      | 0.528      | -1.755    | -3.605           | -43.260          |                                                 |  |
| 7/1/2021                           | 4700    | 4700      | 50048.49  | 32602.38 | 6690.97                                                                                                                       | -0.007      | 0.020      | -0.049      | 0.521      | -1.735    | -3.654           | -43.848          |                                                 |  |
| 7/2/2021                           | 4700    | 4700      | 50048.41  | 32602.31 | 6690.93                                                                                                                       | -0.081      | -0.066     | -0.039      | 0.440      | -1.801    | -3.693           | -44.316          |                                                 |  |
| 7/5/2021                           | 4700    | 4700      | 50048.51  | 32602.31 | 6690.93                                                                                                                       | 0.099       | -0.001     | 0.003       | 0.539      | -1.802    | -3.690           | -44.280          |                                                 |  |
| 7/6/2021                           | 4700    | 4700      | 50048.51  | 32602.31 | 6690.94                                                                                                                       | -0.001      | -0.002     | 0.010       | 0.538      | -1.804    | -3.680           | -44.160          |                                                 |  |
| 7/7/2021                           | 4700    | 4700      | 50048.49  | 32602.29 | 6690.92                                                                                                                       | -0.017      | -0.013     | -0.018      | 0.521      | -1.817    | -3.698           | -44.376          |                                                 |  |
| 7/8/2021                           | 4700    | 4700      | 50048.50  | 32602.31 | 6690.91                                                                                                                       | 0.009       | 0.019      | -0.016      | 0.530      | -1.798    | -3.714           | -44.568          |                                                 |  |
| 7/8/2021                           | 4700    | 4700      | 50048.50  | 32602.31 | 6690.92                                                                                                                       | -0.008      | 0.002      | 0.011       | 0.522      | -1.796    | -3.703           | -44.436          |                                                 |  |
| 7/12/2021                          | 4700    | 4700      | 50048.48  | 32602.31 | 6690.89                                                                                                                       | -0.018      | -0.002     | -0.030      | 0.504      | -1.798    | -3.733           | -44.796          |                                                 |  |
| 7/13/2021                          | 4700    | 4700      | 50048.48  | 32602.31 | 6690.90                                                                                                                       | 0.000       | -0.002     | 0.011       | 0.504      | -1.800    | -3.722           | -44.664          |                                                 |  |
| 7/14/2021                          | 4700    | 4700      | 50048.49  | 32602.31 | 6690.88                                                                                                                       | 0.016       | -0.002     | -0.017      | 0.520      | -1.802    | -3.739           | -44.868          |                                                 |  |
| 7/15/2021                          | 4700    | 4700      | 50048.46  | 32602.29 | 6690.85                                                                                                                       | -0.030      | -0.014     | -0.036      | 0.490      | -1.816    | -3.775           | -45.300          |                                                 |  |
| 7/16/2021                          | 4700    | 4700      | 50048.48  | 32602.28 | 6690.83                                                                                                                       | 0.013       | -0.011     | -0.019      | 0.503      | -1.827    | -3.794           | -45.528          |                                                 |  |
| 3/29/2021                          | 4800    | 4800      | 49951.04  | 32583.56 | 6696.14                                                                                                                       |             |            |             |            |           |                  |                  | 21.00                                           |  |
| 4/6/2021                           | 4800    | 4800      | 49950.99  | 32583.59 | 6696.12                                                                                                                       | -0.048      | 0.029      | -0.025      | -0.048     | 0.029     | -0.025           | -0.300           |                                                 |  |
| 5/13/2021                          | 4800    | 4800      | 49950.99  | 32583.57 | 6696.08                                                                                                                       | -0.006      | -0.025     | -0.038      | -0.054     | 0.004     | -0.063           | -0.756           |                                                 |  |
| 5/18/2021                          | 4800    | 4800      | 49950.93  | 32583.53 | 6696.34                                                                                                                       | -0.057      | -0.040     | 0.265       | -0.111     | -0.036    | 0.202            | 2.424            |                                                 |  |
| 5/19/2021                          | 4800    | 4800      | 49950.96  | 32583.55 | 6696.30                                                                                                                       | 0.028       | 0.018      | -0.046      | -0.083     | -0.018    | 0.156            | 1.872            |                                                 |  |
| 5/20/2021                          | 4800    | 4800      | 49951.00  | 32583.55 | 6696.31                                                                                                                       | 0.040       | 0.008      | 0.013       | -0.043     | -0.010    | 0.169            | 2.028            |                                                 |  |
| 5/21/2021                          | 4800    | 4800      | 49950.97  | 32583.59 | 6696.43                                                                                                                       | -0.032      | 0.040      | 0.119       | -0.075     | 0.030     | 0.288            | 3.456            |                                                 |  |
| 5/24/2021                          | 4800    | 4800      | 49950.99  | 32583.60 | 6696.40                                                                                                                       | 0.027       | 0.003      | -0.032      | -0.048     | 0.033     | 0.256            | 3.072            |                                                 |  |
| 5/25/2021                          | 4800    | 4800      | 49950.99  | 32583.65 | 6696.41                                                                                                                       | -0.003      | 0.051      | 0.014       | -0.051     | 0.084     | 0.270            | 3.240            |                                                 |  |
| 5/26/2021                          | 4800    | 4800      | 49950.98  | 32583.61 | 6696.40                                                                                                                       | -0.010      | -0.037     | -0.013      | -0.061     | 0.047     | 0.257            | 3.084            |                                                 |  |
| 5/27/2021                          | 4800    | 4800      | 49950.96  | 32583.65 | 6696.30                                                                                                                       | -0.021      | 0.034      | -0.100      | -0.082     | 0.081     | 0.157            | 1.884            |                                                 |  |
| 5/28/2021                          | 4800    | 4800      | 49950.99  | 32583.63 | 6696.16                                                                                                                       | 0.025       | -0.018     | -0.135      | -0.057     | 0.063     | 0.022            | 0.264            |                                                 |  |
| 5/29/2021                          | 4800    | 4800      | 49950.99  | 32583.66 | 6696.14                                                                                                                       | 0.005       | 0.029      | -0.021      | -0.052     | 0.092     | 0.001            | 0.012            |                                                 |  |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur                                                     |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
|----------------------------------------------------------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|---------|--|
| *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it. |         |           |           |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
| DATE:                                                                                  |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
| STATION:                                                                               |         |           | 104+06    |                                                                                                                               |         | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW |            |             |            |           |                  |                  |                                                 | 6710.86 |  |
| PANEL:                                                                                 |         |           | 7 East LW |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
|                                                                                        |         |           |           |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
|                                                                                        |         |           |           |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
| DATE                                                                                   | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH                                                          | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |         |  |
| 6/1/2021                                                                               | 4800    | 4800      | 49950.97  | 32583.62                                                                                                                      | 6696.04 | -0.018                                                               | -0.037     | -0.099      | -0.070     | 0.055     | -0.098           | -1.176           |                                                 |         |  |
| 6/2/2021                                                                               | 4800    | 4800      | 49951.00  | 32583.58                                                                                                                      | 6695.82 | 0.025                                                                | -0.043     | -0.223      | -0.045     | 0.012     | -0.321           | -3.852           |                                                 |         |  |
| 6/3/2021                                                                               | 4800    | 4800      | 49951.01  | 32583.30                                                                                                                      | 6695.41 | 0.014                                                                | -0.273     | -0.413      | -0.031     | -0.261    | -0.734           | -8.808           |                                                 |         |  |
| 6/4/2021                                                                               | 4800    | 4800      | 49951.02  | 32583.35                                                                                                                      | 6694.88 | 0.008                                                                | 0.045      | -0.531      | -0.023     | -0.216    | -1.265           | -15.180          |                                                 |         |  |
| 6/5/2021                                                                               | 4800    | 4800      | 49951.29  | 32583.07                                                                                                                      | 6695.14 | 0.272                                                                | -0.274     | 0.262       | 0.249      | -0.490    | -1.003           | -12.036          |                                                 |         |  |
| 6/8/2021                                                                               | 4800    | 4800      | 49951.26  | 32582.93                                                                                                                      | 6694.63 | -0.028                                                               | -0.144     | -0.505      | 0.221      | -0.634    | -1.508           | -18.096          |                                                 |         |  |
| 6/9/2021                                                                               | 4800    | 4800      | 49951.28  | 32582.93                                                                                                                      | 6694.07 | 0.018                                                                | 0.004      | -0.567      | 0.239      | -0.630    | -2.075           | -24.900          |                                                 |         |  |
| 6/10/2021                                                                              | 4800    | 4800      | 49951.22  | 32582.91                                                                                                                      | 6693.55 | -0.060                                                               | -0.022     | -0.519      | 0.179      | -0.652    | -2.594           | -31.128          |                                                 |         |  |
| 6/11/2021                                                                              | 4800    | 4800      | 49951.21  | 32582.91                                                                                                                      | 6693.19 | -0.015                                                               | -0.002     | -0.361      | 0.164      | -0.654    | -2.955           | -35.460          |                                                 |         |  |
| 6/12/2021                                                                              | 4800    | 4800      | 49951.29  | 32582.89                                                                                                                      | 6693.28 | 0.079                                                                | -0.019     | 0.090       | 0.243      | -0.673    | -2.865           | -34.380          |                                                 |         |  |
| 6/14/2021                                                                              | 4800    | 4800      | 49951.26  | 32582.89                                                                                                                      | 6693.19 | -0.030                                                               | -0.003     | -0.092      | 0.213      | -0.676    | -2.957           | -35.484          |                                                 |         |  |
| 6/15/2021                                                                              | 4800    | 4800      | 49951.25  | 32582.87                                                                                                                      | 6692.84 | -0.009                                                               | -0.016     | -0.348      | 0.204      | -0.692    | -3.305           | -39.660          |                                                 |         |  |
| 6/16/2021                                                                              | 4800    | 4800      | 49951.20  | 32582.73                                                                                                                      | 6692.11 | -0.044                                                               | -0.141     | -0.732      | 0.160      | -0.833    | -4.037           | -48.444          |                                                 |         |  |
| 6/17/2021                                                                              | 4800    | 4800      | 49951.23  | 32582.73                                                                                                                      | 6691.88 | 0.032                                                                | 0.001      | -0.221      | 0.192      | -0.832    | -4.258           | -51.096          |                                                 |         |  |
| 6/18/2021                                                                              | 4800    | 4800      | 49951.36  | 32582.34                                                                                                                      | 6691.69 | 0.122                                                                | -0.390     | -0.191      | 0.314      | -1.222    | -4.449           | -53.388          |                                                 |         |  |
| 6/19/2021                                                                              | 4800    | 4800      | 49951.31  | 32582.24                                                                                                                      | 6691.76 | -0.051                                                               | -0.106     | 0.065       | 0.263      | -1.328    | -4.384           | -52.608          |                                                 |         |  |
| 6/21/2021                                                                              | 4800    | 4800      | 49951.30  | 32582.20                                                                                                                      | 6691.71 | -0.010                                                               | -0.036     | -0.053      | 0.253      | -1.364    | -4.437           | -53.244          |                                                 |         |  |
| 6/22/2021                                                                              | 4800    | 4800      | 49951.35  | 32582.19                                                                                                                      | 6691.50 | 0.050                                                                | -0.009     | -0.201      | 0.303      | -1.373    | -4.638           | -55.656          |                                                 |         |  |
| 6/23/2021                                                                              | 4800    | 4800      | 49951.33  | 32582.07                                                                                                                      | 6691.49 | -0.011                                                               | -0.118     | -0.015      | 0.292      | -1.491    | -4.653           | -55.836          |                                                 |         |  |
| 6/24/2021                                                                              | 4800    | 4800      | 49951.34  | 32582.03                                                                                                                      | 6691.48 | 0.008                                                                | -0.044     | -0.014      | 0.300      | -1.535    | -4.667           | -56.004          |                                                 |         |  |
| 6/25/2021                                                                              | 4800    | 4800      | 49951.32  | 32582.00                                                                                                                      | 6691.33 | -0.019                                                               | -0.027     | -0.147      | 0.281      | -1.562    | -4.814           | -57.768          |                                                 |         |  |
| 6/28/2021                                                                              | 4800    | 4800      | 49951.32  | 32581.89                                                                                                                      | 6691.35 | -0.001                                                               | -0.112     | 0.022       | 0.280      | -1.674    | -4.792           | -57.504          |                                                 |         |  |
| 6/29/2021                                                                              | 4800    | 4800      | 49951.36  | 32581.79                                                                                                                      | 6691.61 | 0.037                                                                | -0.102     | 0.264       | 0.317      | -1.776    | -4.528           | -54.336          |                                                 |         |  |
| 6/30/2021                                                                              | 4800    | 4800      | 49951.41  | 32581.83                                                                                                                      | 6691.45 | 0.049                                                                | 0.040      | -0.160      | 0.366      | -1.736    | -4.688           | -56.256          |                                                 |         |  |
| 7/1/2021                                                                               | 4800    | 4800      | 49951.36  | 32581.84                                                                                                                      | 6691.40 | -0.044                                                               | 0.011      | -0.051      | 0.322      | -1.725    | -4.739           | -56.868          |                                                 |         |  |
| 7/2/2021                                                                               | 4800    | 4800      | 49951.32  | 32581.75                                                                                                                      | 6691.34 | -0.046                                                               | -0.086     | -0.060      | 0.276      | -1.811    | -4.799           | -57.588          |                                                 |         |  |
| 7/5/2021                                                                               | 4800    | 4800      | 49951.42  | 32581.77                                                                                                                      | 6691.35 | 0.105                                                                | 0.013      | 0.007       | 0.381      | -1.798    | -4.792           | -57.504          |                                                 |         |  |
| 7/6/2021                                                                               | 4800    | 4800      | 49951.34  | 32581.77                                                                                                                      | 6691.35 | -0.080                                                               | 0.002      | -0.003      | 0.301      | -1.796    | -4.795           | -57.540          |                                                 |         |  |
| 7/7/2021                                                                               | 4800    | 4800      | 49951.39  | 32581.80                                                                                                                      | 6691.35 | 0.049                                                                | 0.032      | -0.001      | 0.350      | -1.764    | -4.796           | -57.552          |                                                 |         |  |
| 7/8/2021                                                                               | 4800    | 4800      | 49951.41  | 32581.77                                                                                                                      | 6691.35 | 0.014                                                                | -0.034     | 0.004       | 0.364      | -1.798    | -4.792           | -57.504          |                                                 |         |  |
| 7/8/2021                                                                               | 4800    | 4800      | 49951.36  | 32581.80                                                                                                                      | 6691.35 | -0.049                                                               | 0.036      | 0.000       | 0.315      | -1.762    | -4.792           | -57.504          |                                                 |         |  |
| 7/12/2021                                                                              | 4800    | 4800      | 49951.36  | 32581.80                                                                                                                      | 6691.31 | 0.001                                                                | 0.000      | -0.041      | 0.316      | -1.762    | -4.833           | -57.996          |                                                 |         |  |
| 7/13/2021                                                                              | 4800    | 4800      | 49951.36  | 32581.77                                                                                                                      | 6691.29 | 0.005                                                                | -0.031     | -0.024      | 0.321      | -1.793    | -4.857           | -58.284          |                                                 |         |  |
| 7/14/2021                                                                              | 4800    | 4800      | 49951.35  | 32581.77                                                                                                                      | 6691.28 | -0.011                                                               | -0.002     | -0.006      | 0.310      | -1.795    | -4.863           | -58.356          |                                                 |         |  |
| 7/15/2021                                                                              | 4800    | 4800      | 49951.39  | 32581.80                                                                                                                      | 6691.24 | 0.042                                                                | 0.028      | -0.042      | 0.352      | -1.767    | -4.905           | -58.860          |                                                 |         |  |
| 7/16/2021                                                                              | 4800    | 4800      | 49951.37  | 32581.74                                                                                                                      | 6691.21 | -0.027                                                               | -0.055     | -0.026      | 0.325      | -1.822    | -4.931           | -59.172          |                                                 |         |  |
| 3/29/2021                                                                              | 4900    | 4900      | 49852.15  | 32568.12                                                                                                                      | 6697.44 |                                                                      |            |             |            |           |                  |                  | 27.50                                           |         |  |
| 4/6/2021                                                                               | 4900    | 4900      | 49852.14  | 32568.14                                                                                                                      | 6697.40 | -0.014                                                               | 0.016      | -0.041      | -0.014     | 0.016     | -0.041           | -0.492           |                                                 |         |  |
| 5/13/2021                                                                              | 4900    | 4900      | 49852.15  | 32568.11                                                                                                                      | 6697.38 | 0.011                                                                | -0.029     | -0.027      | -0.003     | -0.013    | -0.068           | -0.816           |                                                 |         |  |
| 5/18/2021                                                                              | 4900    | 4900      | 49852.14  | 32567.99                                                                                                                      | 6697.72 | -0.006                                                               | -0.117     | 0.343       | -0.009     | -0.130    | 0.275            | 3.300            |                                                 |         |  |
| 5/19/2021                                                                              | 4900    | 4900      | 49852.20  | 32568.04                                                                                                                      | 6697.65 | 0.061                                                                | 0.041      | -0.064      | 0.052      | -0.089    | 0.211            | 2.532            |                                                 |         |  |
| 5/20/2021                                                                              | 4900    | 4900      | 49852.13  | 32568.02                                                                                                                      | 6697.69 | -0.073                                                               | -0.019     | 0.033       | -0.021     | -0.108    | 0.244            | 2.928            |                                                 |         |  |
| 5/21/2021                                                                              | 4900    | 4900      | 49852.19  | 32568.09                                                                                                                      | 6697.86 | 0.060                                                                | 0.069      | 0.169       | 0.039      | -0.039    | 0.413            | 4.956            |                                                 |         |  |
| 5/24/2021                                                                              | 4900    | 4900      | 49852.16  | 32568.08                                                                                                                      | 6697.81 | -0.030                                                               | -0.004     | -0.050      | 0.009      | -0.043    | 0.363            | 4.356            |                                                 |         |  |
| 5/25/2021                                                                              | 4900    | 4900      | 49852.22  | 32568.14                                                                                                                      | 6697.89 | 0.065                                                                | 0.056      | 0.082       | 0.074      | 0.013     | 0.445            | 5.340            |                                                 |         |  |
| 5/26/2021                                                                              | 4900    | 4900      | 49852.18  | 32568.11                                                                                                                      | 6697.85 | -0.048                                                               | -0.031     | -0.037      | 0.026      | -0.018    | 0.408            | 4.896            |                                                 |         |  |
| 5/27/2021                                                                              | 4900    | 4900      | 49852.22  | 32568.13                                                                                                                      | 6697.79 | 0.045                                                                | 0.021      | -0.064      | 0.071      | 0.003     | 0.344            | 4.128            |                                                 |         |  |
| 5/28/2021                                                                              | 4900    | 4900      | 49852.33  | 32568.13                                                                                                                      | 6697.68 | 0.108                                                                | 0.001      | -0.110      | 0.179      | 0.004     | 0.234            | 2.808            |                                                 |         |  |
| 5/29/2021                                                                              | 4900    | 4900      | 49852.28  | 32568.15                                                                                                                      | 6697.65 | -0.050                                                               | 0.017      | -0.029      | 0.129      | 0.021     | 0.205            | 2.460            |                                                 |         |  |
| 6/1/2021                                                                               | 4900    | 4900      | 49852.28  | 32568.20                                                                                                                      | 6697.62 | 0.002                                                                | 0.054      | -0.030      | 0.131      | 0.075     | 0.175            | 2.100            |                                                 |         |  |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur                                                     |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
|----------------------------------------------------------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|---------|
| *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it. |         |           |           |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
| DATE:                                                                                  |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
| STATION:                                                                               |         |           | 104+06    |                                                                                                                               |         | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW |            |             |            |           |                  |                  |                                                 | 6710.86 |
| PANEL:                                                                                 |         |           | 7 East LW |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
|                                                                                        |         |           |           |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
|                                                                                        |         |           |           |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |
| DATE                                                                                   | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH                                                          | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |         |
| 6/2/2021                                                                               | 4900    | 4900      | 49852.32  | 32568.20                                                                                                                      | 6697.42 | 0.042                                                                | 0.004      | -0.196      | 0.173      | 0.079     | -0.021           | -0.252           |                                                 |         |
| 6/3/2021                                                                               | 4900    | 4900      | 49852.37  | 32567.96                                                                                                                      | 6697.08 | 0.050                                                                | -0.243     | -0.344      | 0.223      | -0.164    | -0.365           | -4.380           |                                                 |         |
| 6/4/2021                                                                               | 4900    | 4900      | 49852.27  | 32568.05                                                                                                                      | 6696.65 | -0.099                                                               | 0.093      | -0.428      | 0.124      | -0.071    | -0.793           | -9.516           |                                                 |         |
| 6/5/2021                                                                               | 4900    | 4900      | 49852.38  | 32567.83                                                                                                                      | 6696.92 | 0.101                                                                | -0.225     | 0.265       | 0.225      | -0.296    | -0.528           | -6.336           |                                                 |         |
| 6/8/2021                                                                               | 4900    | 4900      | 49852.40  | 32567.78                                                                                                                      | 6696.43 | 0.026                                                                | -0.047     | -0.483      | 0.251      | -0.343    | -1.011           | -12.132          |                                                 |         |
| 6/9/2021                                                                               | 4900    | 4900      | 49852.41  | 32567.85                                                                                                                      | 6695.87 | 0.004                                                                | 0.067      | -0.566      | 0.255      | -0.276    | -1.577           | -18.924          |                                                 |         |
| 6/10/2021                                                                              | 4900    | 4900      | 49852.37  | 32567.94                                                                                                                      | 6695.35 | -0.031                                                               | 0.087      | -0.513      | 0.224      | -0.189    | -2.090           | -25.080          |                                                 |         |
| 6/11/2021                                                                              | 4900    | 4900      | 49852.40  | 32567.99                                                                                                                      | 6694.93 | 0.023                                                                | 0.050      | -0.427      | 0.247      | -0.139    | -2.517           | -30.204          |                                                 |         |
| 6/12/2021                                                                              | 4900    | 4900      | 49852.37  | 32567.88                                                                                                                      | 6694.96 | -0.031                                                               | -0.105     | 0.033       | 0.216      | -0.244    | -2.484           | -29.808          |                                                 |         |
| 6/14/2021                                                                              | 4900    | 4900      | 49852.36  | 32567.85                                                                                                                      | 6694.89 | -0.004                                                               | -0.028     | -0.071      | 0.212      | -0.272    | -2.555           | -30.660          |                                                 |         |
| 6/15/2021                                                                              | 4900    | 4900      | 49852.38  | 32567.83                                                                                                                      | 6694.40 | 0.019                                                                | -0.020     | -0.493      | 0.231      | -0.292    | -3.048           | -36.576          |                                                 |         |
| 6/16/2021                                                                              | 4900    | 4900      | 49852.40  | 32567.80                                                                                                                      | 6693.36 | 0.017                                                                | -0.034     | -1.034      | 0.248      | -0.326    | -4.082           | -48.984          |                                                 |         |
| 6/17/2021                                                                              | 4900    | 4900      | 49852.37  | 32567.73                                                                                                                      | 6693.07 | -0.028                                                               | -0.068     | -0.288      | 0.220      | -0.394    | -4.370           | -52.440          |                                                 |         |
| 6/18/2021                                                                              | 4900    | 4900      | 49852.44  | 32567.26                                                                                                                      | 6692.69 | 0.070                                                                | -0.473     | -0.385      | 0.290      | -0.867    | -4.755           | -57.060          |                                                 |         |
| 6/19/2021                                                                              | 4900    | 4900      | 49852.43  | 32567.14                                                                                                                      | 6692.83 | -0.009                                                               | -0.116     | 0.141       | 0.281      | -0.983    | -4.614           | -55.368          |                                                 |         |
| 6/21/2021                                                                              | 4900    | 4900      | 49852.45  | 32567.11                                                                                                                      | 6692.74 | 0.022                                                                | -0.031     | -0.085      | 0.303      | -1.014    | -4.699           | -56.388          |                                                 |         |
| 6/22/2021                                                                              | 4900    | 4900      | 49852.46  | 32567.02                                                                                                                      | 6692.47 | 0.003                                                                | -0.095     | -0.278      | 0.306      | -1.109    | -4.977           | -59.724          |                                                 |         |
| 6/23/2021                                                                              | 4900    | 4900      | 49852.48  | 32566.85                                                                                                                      | 6692.40 | 0.022                                                                | -0.164     | -0.067      | 0.328      | -1.273    | -5.044           | -60.528          |                                                 |         |
| 6/24/2021                                                                              | 4900    | 4900      | 49852.49  | 32566.82                                                                                                                      | 6692.33 | 0.007                                                                | -0.028     | -0.065      | 0.335      | -1.301    | -5.109           | -61.308          |                                                 |         |
| 6/25/2021                                                                              | 4900    | 4900      | 49852.47  | 32566.77                                                                                                                      | 6692.18 | -0.017                                                               | -0.049     | -0.159      | 0.318      | -1.350    | -5.268           | -63.216          |                                                 |         |
| 6/28/2021                                                                              | 4900    | 4900      | 49852.47  | 32566.69                                                                                                                      | 6692.22 | -0.002                                                               | -0.081     | 0.043       | 0.316      | -1.431    | -5.225           | -62.700          |                                                 |         |
| 6/29/2021                                                                              | 4900    | 4900      | 49852.53  | 32566.53                                                                                                                      | 6692.51 | 0.064                                                                | -0.168     | 0.287       | 0.380      | -1.599    | -4.938           | -59.256          |                                                 |         |
| 6/30/2021                                                                              | 4900    | 4900      | 49852.52  | 32566.55                                                                                                                      | 6692.32 | -0.014                                                               | 0.022      | -0.182      | 0.366      | -1.577    | -5.120           | -61.440          |                                                 |         |
| 7/1/2021                                                                               | 4900    | 4900      | 49852.58  | 32566.55                                                                                                                      | 6692.26 | 0.066                                                                | -0.002     | -0.065      | 0.432      | -1.579    | -5.185           | -62.220          |                                                 |         |
| 7/2/2021                                                                               | 4900    | 4900      | 49852.51  | 32566.48                                                                                                                      | 6692.18 | -0.072                                                               | -0.064     | -0.076      | 0.360      | -1.643    | -5.261           | -63.132          |                                                 |         |
| 7/5/2021                                                                               | 4900    | 4900      | 49852.54  | 32566.42                                                                                                                      | 6692.19 | 0.034                                                                | -0.061     | 0.006       | 0.394      | -1.704    | -5.255           | -63.060          |                                                 |         |
| 7/6/2021                                                                               | 4900    | 4900      | 49852.60  | 32566.45                                                                                                                      | 6692.17 | 0.054                                                                | 0.030      | -0.022      | 0.448      | -1.674    | -5.277           | -63.324          |                                                 |         |
| 7/7/2021                                                                               | 4900    | 4900      | 49852.55  | 32566.42                                                                                                                      | 6692.16 | -0.048                                                               | -0.027     | -0.005      | 0.400      | -1.701    | -5.282           | -63.384          |                                                 |         |
| 7/8/2021                                                                               | 4900    | 4900      | 49852.53  | 32566.43                                                                                                                      | 6692.15 | -0.016                                                               | 0.003      | -0.010      | 0.384      | -1.698    | -5.292           | -63.504          |                                                 |         |
| 7/8/2021                                                                               | 4900    | 4900      | 49852.52  | 32566.44                                                                                                                      | 6692.17 | -0.019                                                               | 0.015      | 0.018       | 0.365      | -1.683    | -5.274           | -63.288          |                                                 |         |
| 7/12/2021                                                                              | 4900    | 4900      | 49852.55  | 32566.44                                                                                                                      | 6692.10 | 0.034                                                                | 0.002      | -0.066      | 0.399      | -1.681    | -5.340           | -64.080          |                                                 |         |
| 7/13/2021                                                                              | 4900    | 4900      | 49852.51  | 32566.43                                                                                                                      | 6692.11 | -0.044                                                               | -0.009     | 0.004       | 0.355      | -1.690    | -5.336           | -64.032          |                                                 |         |
| 7/14/2021                                                                              | 4900    | 4900      | 49852.50  | 32566.42                                                                                                                      | 6692.06 | -0.003                                                               | -0.014     | -0.043      | 0.352      | -1.704    | -5.379           | -64.548          |                                                 |         |
| 7/15/2021                                                                              | 4900    | 4900      | 49852.53  | 32566.40                                                                                                                      | 6692.02 | 0.030                                                                | -0.018     | -0.044      | 0.382      | -1.722    | -5.423           | -65.076          |                                                 |         |
| 7/16/2021                                                                              | 4900    | 4900      | 49852.51  | 32566.37                                                                                                                      | 6692.01 | -0.023                                                               | -0.034     | -0.012      | 0.359      | -1.756    | -5.435           | -65.220          |                                                 |         |
| 3/29/2021                                                                              | 5000    | 5000      | 49751.87  | 32557.77                                                                                                                      | 6698.82 |                                                                      |            |             |            |           |                  |                  | 29.00                                           |         |
| 4/6/2021                                                                               | 5000    | 5000      | 49751.90  | 32557.79                                                                                                                      | 6698.80 | 0.033                                                                | 0.024      | -0.024      | 0.033      | 0.024     | -0.024           | -0.288           |                                                 |         |
| 5/13/2021                                                                              | 5000    | 5000      | 49751.98  | 32557.77                                                                                                                      | 6698.79 | 0.084                                                                | -0.025     | -0.005      | 0.117      | -0.001    | -0.029           | -0.348           |                                                 |         |
| 5/18/2021                                                                              | 5000    | 5000      | 49751.92  | 32557.70                                                                                                                      | 6699.12 | -0.069                                                               | -0.073     | 0.329       | 0.048      | -0.074    | 0.300            | 3.600            |                                                 |         |
| 5/19/2021                                                                              | 5000    | 5000      | 49751.93  | 32557.75                                                                                                                      | 6699.07 | 0.010                                                                | 0.056      | -0.051      | 0.058      | -0.018    | 0.249            | 2.988            |                                                 |         |
| 5/20/2021                                                                              | 5000    | 5000      | 49751.96  | 32557.74                                                                                                                      | 6699.07 | 0.035                                                                | -0.011     | 0.003       | 0.093      | -0.029    | 0.252            | 3.024            |                                                 |         |
| 5/21/2021                                                                              | 5000    | 5000      | 49751.98  | 32557.73                                                                                                                      | 6699.25 | 0.017                                                                | -0.009     | 0.182       | 0.110      | -0.038    | 0.434            | 5.208            |                                                 |         |
| 5/24/2021                                                                              | 5000    | 5000      | 49751.96  | 32557.75                                                                                                                      | 6699.20 | -0.013                                                               | 0.016      | -0.052      | 0.097      | -0.022    | 0.382            | 4.584            |                                                 |         |
| 5/25/2021                                                                              | 5000    | 5000      | 49751.97  | 32557.78                                                                                                                      | 6699.25 | 0.010                                                                | 0.031      | 0.045       | 0.107      | 0.009     | 0.427            | 5.124            |                                                 |         |
| 5/26/2021                                                                              | 5000    | 5000      | 49751.97  | 32557.76                                                                                                                      | 6699.21 | -0.004                                                               | -0.018     | -0.035      | 0.103      | -0.009    | 0.392            | 4.704            |                                                 |         |
| 5/27/2021                                                                              | 5000    | 5000      | 49751.94  | 32557.77                                                                                                                      | 6699.20 | -0.035                                                               | 0.010      | -0.009      | 0.068      | 0.001     | 0.383            | 4.596            |                                                 |         |
| 5/28/2021                                                                              | 5000    | 5000      | 49751.96  | 32557.78                                                                                                                      | 6699.09 | 0.023                                                                | 0.006      | -0.109      | 0.091      | 0.007     | 0.274            | 3.288            |                                                 |         |
| 5/29/2021                                                                              | 5000    | 5000      | 49751.94  | 32557.79                                                                                                                      | 6699.10 | -0.014                                                               | 0.014      | 0.010       | 0.077      | 0.021     | 0.284            | 3.408            |                                                 |         |
| 6/1/2021                                                                               | 5000    | 5000      | 49751.97  | 32557.88                                                                                                                      | 6699.05 | 0.021                                                                | 0.088      | -0.056      | 0.098      | 0.109     | 0.228            | 2.736            |                                                 |         |
| 6/2/2021                                                                               | 5000    | 5000      | 49751.98  | 32557.87                                                                                                                      | 6698.91 | 0.019                                                                | -0.012     | -0.140      | 0.117      | 0.097     | 0.088            | 1.056            |                                                 |         |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |         |           |           |                                                                                                                               | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                        |             |            |             |            |           |                  |                  |  |                                                 |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------|------------|-------------|------------|-----------|------------------|------------------|--|-------------------------------------------------|
|                                    |         |           |           |                                                                                                                               | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it. |             |            |             |            |           |                  |                  |  |                                                 |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |                                                                                        |             |            |             |            |           |                  |                  |  |                                                 |
| STATION:                           |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |                                                                                        |             |            |             |            |           |                  |                  |  | 6710.86                                         |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |                                                                                        |             |            |             |            |           |                  |                  |  |                                                 |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.                                                                                  | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) |  | Proposed Initial Ballast Raised Height (Inches) |
| 6/3/2021                           | 5000    | 5000      | 49751.97  | 32557.77                                                                                                                      | 6698.64                                                                                | -0.013      | -0.101     | -0.271      | 0.104      | -0.004    | -0.183           | -2.196           |  |                                                 |
| 6/4/2021                           | 5000    | 5000      | 49752.04  | 32557.87                                                                                                                      | 6698.27                                                                                | 0.067       | 0.104      | -0.366      | 0.171      | 0.100     | -0.549           | -6.588           |  |                                                 |
| 6/5/2021                           | 5000    | 5000      | 49752.08  | 32557.73                                                                                                                      | 6698.48                                                                                | 0.042       | -0.137     | 0.206       | 0.213      | -0.037    | -0.343           | -4.116           |  |                                                 |
| 6/8/2021                           | 5000    | 5000      | 49752.08  | 32557.75                                                                                                                      | 6698.06                                                                                | 0.000       | 0.018      | -0.419      | 0.213      | -0.019    | -0.762           | -9.144           |  |                                                 |
| 6/9/2021                           | 5000    | 5000      | 49752.12  | 32557.79                                                                                                                      | 6697.57                                                                                | 0.036       | 0.035      | -0.490      | 0.249      | 0.016     | -1.252           | -15.024          |  |                                                 |
| 6/10/2021                          | 5000    | 5000      | 49752.16  | 32557.81                                                                                                                      | 6697.09                                                                                | 0.047       | 0.021      | -0.474      | 0.296      | 0.037     | -1.726           | -20.712          |  |                                                 |
| 6/11/2021                          | 5000    | 5000      | 49752.15  | 32557.92                                                                                                                      | 6696.64                                                                                | -0.011      | 0.113      | -0.453      | 0.285      | 0.150     | -2.179           | -26.148          |  |                                                 |
| 6/12/2021                          | 5000    | 5000      | 49752.11  | 32557.84                                                                                                                      | 6696.65                                                                                | -0.045      | -0.076     | 0.011       | 0.240      | 0.074     | -2.168           | -26.016          |  |                                                 |
| 6/14/2021                          | 5000    | 5000      | 49752.08  | 32557.85                                                                                                                      | 6696.58                                                                                | -0.027      | 0.003      | -0.075      | 0.213      | 0.077     | -2.243           | -26.916          |  |                                                 |
| 6/15/2021                          | 5000    | 5000      | 49752.10  | 32557.85                                                                                                                      | 6696.04                                                                                | 0.015       | -0.002     | -0.539      | 0.228      | 0.075     | -2.782           | -33.384          |  |                                                 |
| 6/16/2021                          | 5000    | 5000      | 49752.09  | 32557.78                                                                                                                      | 6694.78                                                                                | -0.002      | -0.064     | -1.255      | 0.226      | 0.011     | -4.037           | -48.444          |  |                                                 |
| 6/17/2021                          | 5000    | 5000      | 49752.07  | 32557.77                                                                                                                      | 6694.39                                                                                | -0.023      | -0.009     | -0.388      | 0.203      | 0.002     | -4.425           | -53.100          |  |                                                 |
| 6/18/2021                          | 5000    | 5000      | 49752.07  | 32557.65                                                                                                                      | 6693.76                                                                                | -0.002      | -0.123     | -0.638      | 0.201      | -0.121    | -5.063           | -60.756          |  |                                                 |
| 6/19/2021                          | 5000    | 5000      | 49752.09  | 32557.51                                                                                                                      | 6693.88                                                                                | 0.026       | -0.140     | 0.128       | 0.227      | -0.261    | -4.935           | -59.220          |  |                                                 |
| 6/21/2021                          | 5000    | 5000      | 49752.09  | 32557.49                                                                                                                      | 6693.83                                                                                | 0.000       | -0.023     | -0.057      | 0.227      | -0.284    | -4.992           | -59.904          |  |                                                 |
| 6/22/2021                          | 5000    | 5000      | 49752.07  | 32557.38                                                                                                                      | 6693.44                                                                                | -0.022      | -0.106     | -0.390      | 0.205      | -0.390    | -5.382           | -64.584          |  |                                                 |
| 6/23/2021                          | 5000    | 5000      | 49752.11  | 32557.20                                                                                                                      | 6693.31                                                                                | 0.036       | -0.184     | -0.129      | 0.241      | -0.574    | -5.511           | -66.132          |  |                                                 |
| 6/24/2021                          | 5000    | 5000      | 49752.14  | 32557.12                                                                                                                      | 6693.23                                                                                | 0.033       | -0.081     | -0.082      | 0.274      | -0.655    | -5.593           | -67.116          |  |                                                 |
| 6/25/2021                          | 5000    | 5000      | 49752.10  | 32557.07                                                                                                                      | 6692.99                                                                                | -0.042      | -0.041     | -0.234      | 0.232      | -0.696    | -5.827           | -69.924          |  |                                                 |
| 6/28/2021                          | 5000    | 5000      | 49752.15  | 32556.95                                                                                                                      | 6693.04                                                                                | 0.052       | -0.125     | 0.043       | 0.284      | -0.821    | -5.784           | -69.408          |  |                                                 |
| 6/29/2021                          | 5000    | 5000      | 49752.17  | 32556.72                                                                                                                      | 6693.36                                                                                | 0.019       | -0.225     | 0.328       | 0.303      | -1.046    | -5.456           | -65.472          |  |                                                 |
| 6/30/2021                          | 5000    | 5000      | 49752.22  | 32556.72                                                                                                                      | 6693.14                                                                                | 0.052       | 0.000      | -0.220      | 0.355      | -1.046    | -5.676           | -68.112          |  |                                                 |
| 7/1/2021                           | 5000    | 5000      | 49752.18  | 32556.71                                                                                                                      | 6693.07                                                                                | -0.043      | -0.018     | -0.071      | 0.312      | -1.064    | -5.747           | -68.964          |  |                                                 |
| 7/2/2021                           | 5000    | 5000      | 49752.11  | 32556.68                                                                                                                      | 6693.05                                                                                | -0.065      | -0.031     | -0.023      | 0.247      | -1.095    | -5.770           | -69.240          |  |                                                 |
| 7/5/2021                           | 5000    | 5000      | 49752.19  | 32556.61                                                                                                                      | 6693.01                                                                                | 0.073       | -0.066     | -0.039      | 0.320      | -1.161    | -5.809           | -69.708          |  |                                                 |
| 7/6/2021                           | 5000    | 5000      | 49752.21  | 32556.61                                                                                                                      | 6693.01                                                                                | 0.019       | -0.002     | 0.000       | 0.339      | -1.163    | -5.809           | -69.708          |  |                                                 |
| 7/7/2021                           | 5000    | 5000      | 49752.23  | 32556.60                                                                                                                      | 6693.01                                                                                | 0.020       | -0.007     | 0.003       | 0.359      | -1.170    | -5.806           | -69.672          |  |                                                 |
| 7/8/2021                           | 5000    | 5000      | 49752.19  | 32556.58                                                                                                                      | 6693.02                                                                                | -0.041      | -0.020     | 0.002       | 0.318      | -1.190    | -5.804           | -69.648          |  |                                                 |
| 7/8/2021                           | 5000    | 5000      | 49752.18  | 32556.60                                                                                                                      | 6693.04                                                                                | -0.006      | 0.018      | 0.027       | 0.312      | -1.172    | -5.777           | -69.324          |  |                                                 |
| 7/12/2021                          | 5000    | 5000      | 49752.14  | 32556.63                                                                                                                      | 6692.99                                                                                | -0.039      | 0.032      | -0.053      | 0.273      | -1.140    | -5.830           | -69.960          |  |                                                 |
| 7/13/2021                          | 5000    | 5000      | 49752.16  | 32556.61                                                                                                                      | 6692.96                                                                                | 0.021       | -0.021     | -0.026      | 0.294      | -1.161    | -5.856           | -70.272          |  |                                                 |
| 7/14/2021                          | 5000    | 5000      | 49752.19  | 32556.58                                                                                                                      | 6692.95                                                                                | 0.032       | -0.028     | -0.010      | 0.326      | -1.189    | -5.866           | -70.392          |  |                                                 |
| 7/15/2021                          | 5000    | 5000      | 49752.16  | 32556.56                                                                                                                      | 6692.89                                                                                | -0.038      | -0.023     | -0.064      | 0.288      | -1.212    | -5.930           | -71.160          |  |                                                 |
| 7/16/2021                          | 5000    | 5000      | 49752.16  | 32556.59                                                                                                                      | 6692.86                                                                                | 0.002       | 0.030      | -0.026      | 0.290      | -1.182    | -5.956           | -71.472          |  |                                                 |
| 3/29/2021                          | 5100    | 5100      | 49652.82  | 32552.87                                                                                                                      | 6699.94                                                                                |             |            |             |            |           |                  |                  |  | 35.00                                           |
| 4/6/2021                           | 5100    | 5100      | 49652.83  | 32552.89                                                                                                                      | 6699.91                                                                                | 0.017       | 0.022      | -0.023      | 0.017      | 0.022     | -0.023           | -0.276           |  |                                                 |
| 5/13/2021                          | 5100    | 5100      | 49652.85  | 32552.85                                                                                                                      | 6699.90                                                                                | 0.018       | -0.040     | -0.015      | 0.035      | -0.018    | -0.038           | -0.456           |  |                                                 |
| 5/18/2021                          | 5100    | 5100      | 49652.78  | 32552.82                                                                                                                      | 6700.16                                                                                | -0.067      | -0.033     | 0.262       | -0.032     | -0.051    | 0.224            | 2.688            |  |                                                 |
| 5/19/2021                          | 5100    | 5100      | 49652.79  | 32552.83                                                                                                                      | 6700.10                                                                                | 0.009       | 0.012      | -0.062      | -0.023     | -0.039    | 0.162            | 1.944            |  |                                                 |
| 5/20/2021                          | 5100    | 5100      | 49652.84  | 32552.85                                                                                                                      | 6700.11                                                                                | 0.051       | 0.015      | 0.008       | 0.028      | -0.024    | 0.170            | 2.040            |  |                                                 |
| 5/21/2021                          | 5100    | 5100      | 49652.85  | 32552.89                                                                                                                      | 6700.19                                                                                | 0.008       | 0.043      | 0.085       | 0.036      | 0.019     | 0.255            | 3.060            |  |                                                 |
| 5/24/2021                          | 5100    | 5100      | 49652.76  | 32552.88                                                                                                                      | 6700.17                                                                                | -0.091      | -0.012     | -0.024      | -0.055     | 0.007     | 0.231            | 2.772            |  |                                                 |
| 5/25/2021                          | 5100    | 5100      | 49652.83  | 32552.90                                                                                                                      | 6700.17                                                                                | 0.068       | 0.018      | 0.006       | 0.013      | 0.025     | 0.237            | 2.844            |  |                                                 |
| 5/26/2021                          | 5100    | 5100      | 49652.83  | 32552.90                                                                                                                      | 6700.17                                                                                | -0.003      | 0.004      | -0.003      | 0.010      | 0.029     | 0.234            | 2.808            |  |                                                 |
| 5/27/2021                          | 5100    | 5100      | 49652.82  | 32552.88                                                                                                                      | 6700.17                                                                                | -0.010      | -0.024     | 0.002       | 0.000      | 0.005     | 0.236            | 2.832            |  |                                                 |
| 5/28/2021                          | 5100    | 5100      | 49652.88  | 32552.95                                                                                                                      | 6700.09                                                                                | 0.065       | 0.070      | -0.080      | 0.065      | 0.075     | 0.156            | 1.872            |  |                                                 |
| 5/29/2021                          | 5100    | 5100      | 49652.78  | 32552.91                                                                                                                      | 6700.08                                                                                | -0.097      | -0.035     | -0.011      | -0.032     | 0.040     | 0.145            | 1.740            |  |                                                 |
| 6/1/2021                           | 5100    | 5100      | 49652.82  | 32552.95                                                                                                                      | 6700.06                                                                                | 0.038       | 0.033      | -0.019      | 0.006      | 0.073     | 0.126            | 1.512            |  |                                                 |
| 6/2/2021                           | 5100    | 5100      | 49652.82  | 32552.98                                                                                                                      | 6699.96                                                                                | 0.003       | 0.037      | -0.106      | 0.009      | 0.110     | 0.020            | 0.240            |  |                                                 |
| 6/3/2021                           | 5100    | 5100      | 49652.87  | 32553.00                                                                                                                      | 6699.76                                                                                | 0.045       | 0.021      | -0.196      | 0.054      | 0.131     | -0.176           | -2.112           |  |                                                 |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |             |            |             |            |           |                  |                  |  |                                                 |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|-------------|------------|-------------|------------|-----------|------------------|------------------|--|-------------------------------------------------|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |             |            |             |            |           |                  |                  |  |                                                 |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |             |            |             |            |           |                  |                  |  |                                                 |
| STATION:                           |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |         |             |            |             |            |           |                  |                  |  | 6710.86                                         |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |             |            |             |            |           |                  |                  |  |                                                 |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) |  | Proposed Initial Ballast Raised Height (Inches) |
| 6/4/2021                           | 5100    | 5100      | 49652.87  | 32553.06                                                                                                                      | 6699.48 | 0.003       | 0.061      | -0.283      | 0.057      | 0.192     | -0.459           | -5.508           |  |                                                 |
| 6/5/2021                           | 5100    | 5100      | 49652.92  | 32553.00                                                                                                                      | 6699.65 | 0.043       | -0.064     | 0.172       | 0.100      | 0.128     | -0.287           | -3.444           |  |                                                 |
| 6/8/2021                           | 5100    | 5100      | 49652.95  | 32553.03                                                                                                                      | 6699.34 | 0.034       | 0.033      | -0.310      | 0.134      | 0.161     | -0.597           | -7.164           |  |                                                 |
| 6/9/2021                           | 5100    | 5100      | 49652.97  | 32553.07                                                                                                                      | 6698.96 | 0.019       | 0.038      | -0.375      | 0.153      | 0.199     | -0.972           | -11.664          |  |                                                 |
| 6/10/2021                          | 5100    | 5100      | 49652.84  | 32552.92                                                                                                                      | 6698.54 | -0.132      | -0.150     | -0.425      | 0.021      | 0.049     | -1.397           | -16.764          |  |                                                 |
| 6/11/2021                          | 5100    | 5100      | 49652.96  | 32553.17                                                                                                                      | 6698.13 | 0.125       | 0.244      | -0.405      | 0.146      | 0.293     | -1.802           | -21.624          |  |                                                 |
| 6/12/2021                          | 5100    | 5100      | 49652.92  | 32553.16                                                                                                                      | 6698.10 | -0.040      | -0.001     | -0.031      | 0.106      | 0.292     | -1.833           | -21.996          |  |                                                 |
| 6/14/2021                          | 5100    | 5100      | 49652.93  | 32553.16                                                                                                                      | 6698.05 | 0.010       | -0.008     | -0.053      | 0.116      | 0.284     | -1.886           | -22.632          |  |                                                 |
| 6/15/2021                          | 5100    | 5100      | 49652.98  | 32553.19                                                                                                                      | 6697.52 | 0.052       | 0.030      | -0.527      | 0.168      | 0.314     | -2.413           | -28.956          |  |                                                 |
| 6/16/2021                          | 5100    | 5100      | 49652.96  | 32553.15                                                                                                                      | 6696.21 | -0.027      | -0.035     | -1.315      | 0.141      | 0.279     | -3.728           | -44.736          |  |                                                 |
| 6/17/2021                          | 5100    | 5100      | 49652.94  | 32553.14                                                                                                                      | 6695.75 | -0.015      | -0.009     | -0.459      | 0.126      | 0.270     | -4.187           | -50.244          |  |                                                 |
| 6/18/2021                          | 5100    | 5100      | 49652.94  | 32553.04                                                                                                                      | 6695.03 | 0.001       | -0.106     | -0.722      | 0.127      | 0.164     | -4.909           | -58.908          |  |                                                 |
| 6/19/2021                          | 5100    | 5100      | 49652.95  | 32552.95                                                                                                                      | 6695.12 | 0.003       | -0.084     | 0.092       | 0.130      | 0.080     | -4.817           | -57.804          |  |                                                 |
| 6/21/2021                          | 5100    | 5100      | 49652.95  | 32552.98                                                                                                                      | 6695.07 | 0.004       | 0.027      | -0.052      | 0.134      | 0.107     | -4.869           | -58.428          |  |                                                 |
| 6/22/2021                          | 5100    | 5100      | 49652.96  | 32552.86                                                                                                                      | 6694.57 | 0.008       | -0.115     | -0.501      | 0.142      | -0.008    | -5.370           | -64.440          |  |                                                 |
| 6/23/2021                          | 5100    | 5100      | 49652.96  | 32552.67                                                                                                                      | 6694.40 | 0.006       | -0.194     | -0.169      | 0.148      | -0.202    | -5.539           | -66.468          |  |                                                 |
| 6/24/2021                          | 5100    | 5100      | 49652.98  | 32552.66                                                                                                                      | 6694.28 | 0.016       | -0.009     | -0.114      | 0.164      | -0.211    | -5.653           | -67.836          |  |                                                 |
| 6/25/2021                          | 5100    | 5100      | 49652.96  | 32552.58                                                                                                                      | 6694.02 | -0.024      | -0.085     | -0.267      | 0.140      | -0.296    | -5.920           | -71.040          |  |                                                 |
| 6/28/2021                          | 5100    | 5100      | 49652.99  | 32552.50                                                                                                                      | 6694.07 | 0.031       | -0.080     | 0.050       | 0.171      | -0.376    | -5.870           | -70.440          |  |                                                 |
| 6/29/2021                          | 5100    | 5100      | 49652.95  | 32552.27                                                                                                                      | 6694.43 | -0.035      | -0.222     | 0.360       | 0.136      | -0.598    | -5.510           | -66.120          |  |                                                 |
| 6/30/2021                          | 5100    | 5100      | 49652.98  | 32552.26                                                                                                                      | 6694.18 | 0.031       | -0.014     | -0.246      | 0.167      | -0.612    | -5.756           | -69.072          |  |                                                 |
| 7/1/2021                           | 5100    | 5100      | 49652.97  | 32552.23                                                                                                                      | 6694.08 | -0.017      | -0.031     | -0.099      | 0.150      | -0.643    | -5.855           | -70.260          |  |                                                 |
| 7/2/2021                           | 5100    | 5100      | 49653.01  | 32552.20                                                                                                                      | 6694.05 | 0.041       | -0.033     | -0.034      | 0.191      | -0.676    | -5.889           | -70.668          |  |                                                 |
| 7/5/2021                           | 5100    | 5100      | 49652.99  | 32552.15                                                                                                                      | 6694.05 | -0.015      | -0.042     | 0.003       | 0.176      | -0.718    | -5.886           | -70.632          |  |                                                 |
| 7/6/2021                           | 5100    | 5100      | 49652.94  | 32552.17                                                                                                                      | 6694.05 | -0.054      | 0.020      | 0.005       | 0.122      | -0.698    | -5.881           | -70.572          |  |                                                 |
| 7/7/2021                           | 5100    | 5100      | 49653.02  | 32552.18                                                                                                                      | 6694.03 | 0.080       | 0.007      | -0.022      | 0.202      | -0.691    | -5.903           | -70.836          |  |                                                 |
| 7/8/2021                           | 5100    | 5100      | 49652.99  | 32552.18                                                                                                                      | 6694.05 | -0.030      | -0.001     | 0.013       | 0.172      | -0.692    | -5.890           | -70.680          |  |                                                 |
| 7/8/2021                           | 5100    | 5100      | 49652.98  | 32552.17                                                                                                                      | 6694.03 | -0.007      | -0.007     | -0.011      | 0.165      | -0.699    | -5.901           | -70.812          |  |                                                 |
| 7/12/2021                          | 5100    | 5100      | 49653.00  | 32552.20                                                                                                                      | 6694.01 | 0.019       | 0.029      | -0.021      | 0.184      | -0.670    | -5.922           | -71.064          |  |                                                 |
| 7/13/2021                          | 5100    | 5100      | 49652.97  | 32552.19                                                                                                                      | 6693.99 | -0.032      | -0.010     | -0.028      | 0.152      | -0.680    | -5.950           | -71.400          |  |                                                 |
| 7/14/2021                          | 5100    | 5100      | 49652.98  | 32552.15                                                                                                                      | 6693.95 | 0.012       | -0.044     | -0.031      | 0.164      | -0.724    | -5.981           | -71.772          |  |                                                 |
| 7/15/2021                          | 5100    | 5100      | 49652.96  | 32552.18                                                                                                                      | 6693.89 | -0.015      | 0.035      | -0.066      | 0.149      | -0.689    | -6.047           | -72.564          |  |                                                 |
| 7/16/2021                          | 5100    | 5100      | 49652.96  | 32552.11                                                                                                                      | 6693.87 | -0.008      | -0.070     | -0.021      | 0.141      | -0.759    | -6.068           | -72.816          |  |                                                 |
| 3/29/2021                          | 5200    | 5200      | 49553.21  | 32552.67                                                                                                                      | 6700.48 |             |            |             |            |           |                  |                  |  | 33.00                                           |
| 4/6/2021                           | 5200    | 5200      | 49553.19  | 32552.72                                                                                                                      | 6700.46 | -0.020      | 0.045      | -0.022      | -0.020     | 0.045     | -0.022           | -0.264           |  |                                                 |
| 5/13/2021                          | 5200    | 5200      | 49553.19  | 32552.68                                                                                                                      | 6700.45 | 0.003       | -0.039     | -0.014      | -0.017     | 0.006     | -0.036           | -0.432           |  |                                                 |
| 5/18/2021                          | 5200    | 5200      | 49553.20  | 32552.64                                                                                                                      | 6700.74 | 0.013       | -0.039     | 0.294       | -0.004     | -0.033    | 0.258            | 3.096            |  |                                                 |
| 5/19/2021                          | 5200    | 5200      | 49553.17  | 32552.63                                                                                                                      | 6700.67 | -0.036      | -0.010     | -0.074      | -0.040     | -0.043    | 0.184            | 2.208            |  |                                                 |
| 5/20/2021                          | 5200    | 5200      | 49553.21  | 32552.62                                                                                                                      | 6700.68 | 0.049       | -0.014     | 0.011       | 0.009      | -0.057    | 0.195            | 2.340            |  |                                                 |
| 5/21/2021                          | 5200    | 5200      | 49553.22  | 32552.60                                                                                                                      | 6700.82 | 0.003       | -0.017     | 0.139       | 0.012      | -0.074    | 0.334            | 4.008            |  |                                                 |
| 5/24/2021                          | 5200    | 5200      | 49553.28  | 32552.64                                                                                                                      | 6700.81 | 0.064       | 0.045      | -0.003      | 0.076      | -0.029    | 0.331            | 3.972            |  |                                                 |
| 5/25/2021                          | 5200    | 5200      | 49553.25  | 32552.63                                                                                                                      | 6700.89 | -0.027      | -0.017     | 0.078       | 0.049      | -0.046    | 0.409            | 4.908            |  |                                                 |
| 5/26/2021                          | 5200    | 5200      | 49553.19  | 32552.62                                                                                                                      | 6700.89 | -0.060      | -0.006     | -0.007      | -0.011     | -0.052    | 0.402            | 4.824            |  |                                                 |
| 5/27/2021                          | 5200    | 5200      | 49553.20  | 32552.65                                                                                                                      | 6700.86 | 0.008       | 0.032      | -0.027      | -0.003     | -0.020    | 0.375            | 4.500            |  |                                                 |
| 5/28/2021                          | 5200    | 5200      | 49553.20  | 32552.68                                                                                                                      | 6700.81 | -0.004      | 0.022      | -0.048      | -0.007     | 0.002     | 0.327            | 3.924            |  |                                                 |
| 5/29/2021                          | 5200    | 5200      | 49553.17  | 32552.61                                                                                                                      | 6700.79 | -0.032      | -0.070     | -0.016      | -0.039     | -0.068    | 0.311            | 3.732            |  |                                                 |
| 6/1/2021                           | 5200    | 5200      | 49553.18  | 32552.64                                                                                                                      | 6700.81 | 0.014       | 0.034      | 0.011       | -0.025     | -0.034    | 0.322            | 3.864            |  |                                                 |
| 6/2/2021                           | 5200    | 5200      | 49553.22  | 32552.66                                                                                                                      | 6700.74 | 0.036       | 0.024      | -0.070      | 0.011      | -0.010    | 0.252            | 3.024            |  |                                                 |
| 6/3/2021                           | 5200    | 5200      | 49553.19  | 32552.73                                                                                                                      | 6700.63 | -0.026      | 0.064      | -0.110      | -0.015     | 0.054     | 0.142            | 1.704            |  |                                                 |
| 6/4/2021                           | 5200    | 5200      | 49553.25  | 32552.75                                                                                                                      | 6700.46 | 0.060       | 0.020      | -0.167      | 0.045      | 0.074     | -0.025           | -0.300           |  |                                                 |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |         |           |           |                                                                                                                               | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                        |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|---------|--|
|                                    |         |           |           |                                                                                                                               | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it. |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
| STATION:                           |         |           | 104+06    |                                                                                                                               |                                                                                        | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW |            |             |            |           |                  |                  |                                                 | 6710.86 |  |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
|                                    |         |           |           |                                                                                                                               |                                                                                        |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.                                                                                  | DELTA NORTH                                                          | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |         |  |
| 6/5/2021                           | 5200    | 5200      | 49553.29  | 32552.84                                                                                                                      | 6700.62                                                                                | 0.042                                                                | 0.092      | 0.163       | 0.087      | 0.166     | 0.138            | 1.656            |                                                 |         |  |
| 6/8/2021                           | 5200    | 5200      | 49553.33  | 32552.76                                                                                                                      | 6700.42                                                                                | 0.042                                                                | -0.077     | -0.201      | 0.129      | 0.089     | -0.063           | -0.756           |                                                 |         |  |
| 6/9/2021                           | 5200    | 5200      | 49553.28  | 32552.83                                                                                                                      | 6700.21                                                                                | -0.052                                                               | 0.068      | -0.207      | 0.077      | 0.157     | -0.270           | -3.240           |                                                 |         |  |
| 6/10/2021                          | 5200    | 5200      | 49553.35  | 32552.89                                                                                                                      | 6699.93                                                                                | 0.068                                                                | 0.060      | -0.283      | 0.145      | 0.217     | -0.553           | -6.636           |                                                 |         |  |
| 6/11/2021                          | 5200    | 5200      | 49553.39  | 32552.94                                                                                                                      | 6699.61                                                                                | 0.039                                                                | 0.045      | -0.317      | 0.184      | 0.262     | -0.870           | -10.440          |                                                 |         |  |
| 6/12/2021                          | 5200    | 5200      | 49553.33  | 32552.93                                                                                                                      | 6699.61                                                                                | -0.062                                                               | -0.007     | -0.002      | 0.122      | 0.255     | -0.872           | -10.464          |                                                 |         |  |
| 6/14/2021                          | 5200    | 5200      | 49553.33  | 32552.95                                                                                                                      | 6699.56                                                                                | -0.002                                                               | 0.026      | -0.055      | 0.120      | 0.281     | -0.927           | -11.124          |                                                 |         |  |
| 6/15/2021                          | 5200    | 5200      | 49553.38  | 32552.98                                                                                                                      | 6699.17                                                                                | 0.053                                                                | 0.029      | -0.391      | 0.173      | 0.310     | -1.318           | -15.816          |                                                 |         |  |
| 6/16/2021                          | 5200    | 5200      | 49553.33  | 32552.96                                                                                                                      | 6698.08                                                                                | -0.048                                                               | -0.024     | -1.088      | 0.125      | 0.286     | -2.406           | -28.872          |                                                 |         |  |
| 6/17/2021                          | 5200    | 5200      | 49553.31  | 32552.95                                                                                                                      | 6697.68                                                                                | -0.020                                                               | -0.007     | -0.396      | 0.105      | 0.279     | -2.802           | -33.624          |                                                 |         |  |
| 6/18/2021                          | 5200    | 5200      | 49553.31  | 32552.84                                                                                                                      | 6696.98                                                                                | -0.001                                                               | -0.114     | -0.703      | 0.104      | 0.165     | -3.505           | -42.060          |                                                 |         |  |
| 6/19/2021                          | 5200    | 5200      | 49553.35  | 32552.79                                                                                                                      | 6697.02                                                                                | 0.041                                                                | -0.044     | 0.043       | 0.145      | 0.121     | -3.462           | -41.544          |                                                 |         |  |
| 6/21/2021                          | 5200    | 5200      | 49553.33  | 32552.77                                                                                                                      | 6696.93                                                                                | -0.025                                                               | -0.029     | -0.088      | 0.120      | 0.092     | -3.550           | -42.600          |                                                 |         |  |
| 6/22/2021                          | 5200    | 5200      | 49553.32  | 32552.65                                                                                                                      | 6696.45                                                                                | -0.003                                                               | -0.116     | -0.483      | 0.117      | -0.024    | -4.033           | -48.396          |                                                 |         |  |
| 6/23/2021                          | 5200    | 5200      | 49553.35  | 32552.48                                                                                                                      | 6696.22                                                                                | 0.023                                                                | -0.165     | -0.231      | 0.140      | -0.189    | -4.264           | -51.168          |                                                 |         |  |
| 6/24/2021                          | 5200    | 5200      | 49553.35  | 32552.42                                                                                                                      | 6696.06                                                                                | 0.001                                                                | -0.069     | -0.158      | 0.141      | -0.258    | -4.422           | -53.064          |                                                 |         |  |
| 6/25/2021                          | 5200    | 5200      | 49553.33  | 32552.36                                                                                                                      | 6695.81                                                                                | -0.012                                                               | -0.059     | -0.255      | 0.129      | -0.317    | -4.677           | -56.124          |                                                 |         |  |
| 6/28/2021                          | 5200    | 5200      | 49553.30  | 32552.29                                                                                                                      | 6695.86                                                                                | -0.036                                                               | -0.071     | 0.056       | 0.093      | -0.388    | -4.621           | -55.452          |                                                 |         |  |
| 6/29/2021                          | 5200    | 5200      | 49553.31  | 32552.07                                                                                                                      | 6696.22                                                                                | 0.009                                                                | -0.216     | 0.357       | 0.102      | -0.604    | -4.264           | -51.168          |                                                 |         |  |
| 6/30/2021                          | 5200    | 5200      | 49553.33  | 32552.04                                                                                                                      | 6695.99                                                                                | 0.022                                                                | -0.029     | -0.234      | 0.124      | -0.633    | -4.498           | -53.976          |                                                 |         |  |
| 7/1/2021                           | 5200    | 5200      | 49553.38  | 32552.02                                                                                                                      | 6695.88                                                                                | 0.049                                                                | -0.022     | -0.104      | 0.173      | -0.655    | -4.602           | -55.224          |                                                 |         |  |
| 7/2/2021                           | 5200    | 5200      | 49553.35  | 32551.97                                                                                                                      | 6695.82                                                                                | -0.033                                                               | -0.053     | -0.063      | 0.140      | -0.708    | -4.665           | -55.980          |                                                 |         |  |
| 7/5/2021                           | 5200    | 5200      | 49553.39  | 32551.98                                                                                                                      | 6695.83                                                                                | 0.047                                                                | 0.019      | 0.011       | 0.187      | -0.689    | -4.654           | -55.848          |                                                 |         |  |
| 7/6/2021                           | 5200    | 5200      | 49553.32  | 32551.99                                                                                                                      | 6695.85                                                                                | -0.075                                                               | 0.003      | 0.024       | 0.112      | -0.686    | -4.630           | -55.560          |                                                 |         |  |
| 7/7/2021                           | 5200    | 5200      | 49553.38  | 32552.00                                                                                                                      | 6695.83                                                                                | 0.064                                                                | 0.009      | -0.025      | 0.176      | -0.677    | -4.655           | -55.860          |                                                 |         |  |
| 7/8/2021                           | 5200    | 5200      | 49553.34  | 32551.93                                                                                                                      | 6695.81                                                                                | -0.039                                                               | -0.063     | -0.014      | 0.137      | -0.740    | -4.669           | -56.028          |                                                 |         |  |
| 7/8/2021                           | 5200    | 5200      | 49553.36  | 32551.99                                                                                                                      | 6695.82                                                                                | 0.022                                                                | 0.057      | 0.008       | 0.159      | -0.683    | -4.661           | -55.932          |                                                 |         |  |
| 7/12/2021                          | 5200    | 5200      | 49553.37  | 32552.00                                                                                                                      | 6695.78                                                                                | 0.007                                                                | 0.009      | -0.039      | 0.166      | -0.674    | -4.700           | -56.400          |                                                 |         |  |
| 7/13/2021                          | 5200    | 5200      | 49553.32  | 32551.98                                                                                                                      | 6695.78                                                                                | -0.051                                                               | -0.018     | 0.001       | 0.115      | -0.692    | -4.699           | -56.388          |                                                 |         |  |
| 7/14/2021                          | 5200    | 5200      | 49553.34  | 32551.95                                                                                                                      | 6695.74                                                                                | 0.015                                                                | -0.033     | -0.048      | 0.130      | -0.725    | -4.747           | -56.964          |                                                 |         |  |
| 7/15/2021                          | 5200    | 5200      | 49553.35  | 32551.94                                                                                                                      | 6695.67                                                                                | 0.011                                                                | -0.008     | -0.063      | 0.141      | -0.733    | -4.810           | -57.720          |                                                 |         |  |
| 7/16/2021                          | 5200    | 5200      | 49553.33  | 32551.93                                                                                                                      | 6695.65                                                                                | -0.017                                                               | -0.010     | -0.021      | 0.124      | -0.743    | -4.831           | -57.972          |                                                 |         |  |
| 3/29/2021                          | 5300    | 5300      | 49453.04  | 32555.41                                                                                                                      | 6701.18                                                                                |                                                                      |            |             |            |           |                  |                  | 23.50                                           |         |  |
| 4/6/2021                           | 5300    | 5300      | 49452.98  | 32555.49                                                                                                                      | 6701.16                                                                                | -0.058                                                               | 0.075      | -0.021      | -0.058     | 0.075     | -0.021           | -0.252           |                                                 |         |  |
| 5/13/2021                          | 5300    | 5300      | 49453.02  | 32555.46                                                                                                                      | 6701.16                                                                                | 0.040                                                                | -0.033     | -0.004      | -0.018     | 0.042     | -0.025           | -0.300           |                                                 |         |  |
| 5/18/2021                          | 5300    | 5300      | 49453.04  | 32555.47                                                                                                                      | 6701.43                                                                                | 0.015                                                                | 0.011      | 0.269       | -0.003     | 0.053     | 0.244            | 2.928            |                                                 |         |  |
| 5/19/2021                          | 5300    | 5300      | 49453.00  | 32555.46                                                                                                                      | 6701.41                                                                                | -0.037                                                               | -0.003     | -0.015      | -0.040     | 0.050     | 0.229            | 2.748            |                                                 |         |  |
| 5/20/2021                          | 5300    | 5300      | 49453.03  | 32555.47                                                                                                                      | 6701.37                                                                                | 0.031                                                                | 0.003      | -0.038      | -0.009     | 0.053     | 0.191            | 2.292            |                                                 |         |  |
| 5/21/2021                          | 5300    | 5300      | 49452.93  | 32555.45                                                                                                                      | 6701.57                                                                                | -0.102                                                               | -0.016     | 0.200       | -0.111     | 0.037     | 0.391            | 4.692            |                                                 |         |  |
| 5/24/2021                          | 5300    | 5300      | 49453.01  | 32555.46                                                                                                                      | 6701.53                                                                                | 0.083                                                                | 0.006      | -0.043      | -0.028     | 0.043     | 0.348            | 4.176            |                                                 |         |  |
| 5/25/2021                          | 5300    | 5300      | 49452.99  | 32555.50                                                                                                                      | 6701.58                                                                                | -0.022                                                               | 0.040      | 0.046       | -0.050     | 0.083     | 0.394            | 4.728            |                                                 |         |  |
| 5/26/2021                          | 5300    | 5300      | 49453.00  | 32555.46                                                                                                                      | 6701.56                                                                                | 0.011                                                                | -0.034     | -0.014      | -0.039     | 0.049     | 0.380            | 4.560            |                                                 |         |  |
| 5/27/2021                          | 5300    | 5300      | 49452.98  | 32555.48                                                                                                                      | 6701.56                                                                                | -0.027                                                               | 0.019      | 0.000       | -0.066     | 0.068     | 0.380            | 4.560            |                                                 |         |  |
| 5/28/2021                          | 5300    | 5300      | 49453.00  | 32555.48                                                                                                                      | 6701.51                                                                                | 0.028                                                                | -0.006     | -0.050      | -0.038     | 0.062     | 0.330            | 3.960            |                                                 |         |  |
| 5/29/2021                          | 5300    | 5300      | 49452.95  | 32555.47                                                                                                                      | 6701.52                                                                                | -0.056                                                               | -0.003     | 0.013       | -0.094     | 0.059     | 0.343            | 4.116            |                                                 |         |  |
| 6/1/2021                           | 5300    | 5300      | 49452.95  | 32555.49                                                                                                                      | 6701.57                                                                                | 0.006                                                                | 0.018      | 0.042       | -0.088     | 0.077     | 0.385            | 4.620            |                                                 |         |  |
| 6/2/2021                           | 5300    | 5300      | 49452.99  | 32555.48                                                                                                                      | 6701.52                                                                                | 0.031                                                                | -0.008     | -0.043      | -0.057     | 0.069     | 0.342            | 4.104            |                                                 |         |  |
| 6/3/2021                           | 5300    | 5300      | 49452.99  | 32555.47                                                                                                                      | 6701.43                                                                                | 0.001                                                                | -0.012     | -0.090      | -0.056     | 0.057     | 0.252            | 3.024            |                                                 |         |  |
| 6/4/2021                           | 5300    | 5300      | 49453.09  | 32555.49                                                                                                                      | 6701.39                                                                                | 0.101                                                                | 0.020      | -0.041      | 0.045      | 0.077     | 0.211            | 2.532            |                                                 |         |  |
| 6/5/2021                           | 5300    | 5300      | 49453.05  | 32555.58                                                                                                                      | 6701.44                                                                                | -0.039                                                               | 0.091      | 0.049       | 0.006      | 0.168     | 0.260            | 3.120            |                                                 |         |  |

**Table 1 - Daily Subsidence Data**

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|-------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|--|--|---------|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
| STATION:                           |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |         |             |            |             |            |           |                  |                  |                                                 |  |  | 6710.86 |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
|                                    |         |           |           |                                                                                                                               |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |  |  |         |
| 6/8/2021                           | 5300    | 5300      | 49453.06  | 32555.55                                                                                                                      | 6701.28 | 0.016       | -0.028     | -0.157      | 0.022      | 0.140     | 0.103            | 1.236            |                                                 |  |  |         |
| 6/9/2021                           | 5300    | 5300      | 49453.14  | 32555.57                                                                                                                      | 6701.19 | 0.071       | 0.018      | -0.095      | 0.093      | 0.158     | 0.008            | 0.096            |                                                 |  |  |         |
| 6/10/2021                          | 5300    | 5300      | 49453.10  | 32555.62                                                                                                                      | 6701.08 | -0.032      | 0.050      | -0.107      | 0.061      | 0.208     | -0.099           | -1.188           |                                                 |  |  |         |
| 6/11/2021                          | 5300    | 5300      | 49453.12  | 32555.67                                                                                                                      | 6700.93 | 0.015       | 0.046      | -0.154      | 0.076      | 0.254     | -0.253           | -3.036           |                                                 |  |  |         |
| 6/12/2021                          | 5300    | 5300      | 49453.05  | 32555.70                                                                                                                      | 6700.95 | -0.069      | 0.027      | 0.025       | 0.007      | 0.281     | -0.228           | -2.736           |                                                 |  |  |         |
| 6/14/2021                          | 5300    | 5300      | 49453.05  | 32555.70                                                                                                                      | 6700.94 | 0.001       | 0.007      | -0.010      | 0.008      | 0.288     | -0.238           | -2.856           |                                                 |  |  |         |
| 6/15/2021                          | 5300    | 5300      | 49453.12  | 32555.68                                                                                                                      | 6700.75 | 0.068       | -0.023     | -0.194      | 0.076      | 0.265     | -0.432           | -5.184           |                                                 |  |  |         |
| 6/16/2021                          | 5300    | 5300      | 49453.10  | 32555.69                                                                                                                      | 6700.12 | -0.016      | 0.015      | -0.630      | 0.060      | 0.280     | -1.062           | -12.744          |                                                 |  |  |         |
| 6/17/2021                          | 5300    | 5300      | 49453.12  | 32555.68                                                                                                                      | 6699.88 | 0.018       | -0.012     | -0.240      | 0.078      | 0.268     | -1.302           | -15.624          |                                                 |  |  |         |
| 6/18/2021                          | 5300    | 5300      | 49453.12  | 32555.60                                                                                                                      | 6699.38 | -0.003      | -0.080     | -0.496      | 0.075      | 0.188     | -1.798           | -21.576          |                                                 |  |  |         |
| 6/19/2021                          | 5300    | 5300      | 49453.16  | 32555.59                                                                                                                      | 6699.31 | 0.044       | -0.008     | -0.072      | 0.119      | 0.180     | -1.870           | -22.440          |                                                 |  |  |         |
| 6/21/2021                          | 5300    | 5300      | 49453.12  | 32555.59                                                                                                                      | 6699.24 | -0.046      | -0.008     | -0.074      | 0.073      | 0.172     | -1.944           | -23.328          |                                                 |  |  |         |
| 6/22/2021                          | 5300    | 5300      | 49453.07  | 32555.51                                                                                                                      | 6698.91 | -0.041      | -0.076     | -0.330      | 0.032      | 0.096     | -2.274           | -27.288          |                                                 |  |  |         |
| 6/23/2021                          | 5300    | 5300      | 49453.14  | 32555.41                                                                                                                      | 6698.72 | 0.068       | -0.102     | -0.190      | 0.100      | -0.006    | -2.464           | -29.568          |                                                 |  |  |         |
| 6/24/2021                          | 5300    | 5300      | 49453.15  | 32555.33                                                                                                                      | 6698.61 | 0.009       | -0.082     | -0.111      | 0.109      | -0.088    | -2.575           | -30.900          |                                                 |  |  |         |
| 6/25/2021                          | 5300    | 5300      | 49453.12  | 32555.31                                                                                                                      | 6698.39 | -0.031      | -0.017     | -0.213      | 0.078      | -0.105    | -2.788           | -33.456          |                                                 |  |  |         |
| 6/28/2021                          | 5300    | 5300      | 49453.12  | 32555.25                                                                                                                      | 6698.41 | 0.004       | -0.061     | 0.015       | 0.082      | -0.166    | -2.773           | -33.276          |                                                 |  |  |         |
| 6/29/2021                          | 5300    | 5300      | 49453.13  | 32555.01                                                                                                                      | 6698.63 | 0.001       | -0.241     | 0.224       | 0.083      | -0.407    | -2.549           | -30.588          |                                                 |  |  |         |
| 6/30/2021                          | 5300    | 5300      | 49453.13  | 32555.05                                                                                                                      | 6698.42 | 0.001       | 0.042      | -0.213      | 0.084      | -0.365    | -2.762           | -33.144          |                                                 |  |  |         |
| 7/1/2021                           | 5300    | 5300      | 49453.20  | 32555.04                                                                                                                      | 6698.34 | 0.074       | -0.007     | -0.078      | 0.158      | -0.372    | -2.840           | -34.080          |                                                 |  |  |         |
| 7/2/2021                           | 5300    | 5300      | 49453.12  | 32554.96                                                                                                                      | 6698.30 | -0.084      | -0.080     | -0.045      | 0.074      | -0.452    | -2.885           | -34.620          |                                                 |  |  |         |
| 7/5/2021                           | 5300    | 5300      | 49453.12  | 32554.97                                                                                                                      | 6698.27 | 0.004       | 0.010      | -0.027      | 0.078      | -0.442    | -2.912           | -34.944          |                                                 |  |  |         |
| 7/6/2021                           | 5300    | 5300      | 49453.21  | 32554.96                                                                                                                      | 6698.29 | 0.087       | -0.013     | 0.017       | 0.165      | -0.455    | -2.895           | -34.740          |                                                 |  |  |         |
| 7/7/2021                           | 5300    | 5300      | 49453.16  | 32554.94                                                                                                                      | 6698.29 | -0.043      | -0.024     | 0.008       | 0.122      | -0.479    | -2.887           | -34.644          |                                                 |  |  |         |
| 7/8/2021                           | 5300    | 5300      | 49453.13  | 32554.93                                                                                                                      | 6698.27 | -0.030      | -0.009     | -0.025      | 0.092      | -0.488    | -2.912           | -34.944          |                                                 |  |  |         |
| 7/8/2021                           | 5300    | 5300      | 49453.12  | 32554.97                                                                                                                      | 6698.27 | -0.010      | 0.044      | 0.001       | 0.082      | -0.444    | -2.911           | -34.932          |                                                 |  |  |         |
| 7/12/2021                          | 5300    | 5300      | 49453.10  | 32555.00                                                                                                                      | 6698.25 | -0.023      | 0.025      | -0.021      | 0.059      | -0.419    | -2.932           | -35.184          |                                                 |  |  |         |
| 7/13/2021                          | 5300    | 5300      | 49453.16  | 32554.96                                                                                                                      | 6698.21 | 0.057       | -0.033     | -0.035      | 0.116      | -0.452    | -2.967           | -35.604          |                                                 |  |  |         |
| 7/14/2021                          | 5300    | 5300      | 49453.13  | 32554.92                                                                                                                      | 6698.18 | -0.028      | -0.040     | -0.033      | 0.088      | -0.492    | -3.000           | -36.000          |                                                 |  |  |         |
| 7/15/2021                          | 5300    | 5300      | 49453.14  | 32554.88                                                                                                                      | 6698.14 | 0.006       | -0.038     | -0.039      | 0.094      | -0.530    | -3.039           | -36.468          |                                                 |  |  |         |
| 7/16/2021                          | 5300    | 5300      | 49453.14  | 32554.86                                                                                                                      | 6698.11 | 0.002       | -0.026     | -0.031      | 0.096      | -0.556    | -3.070           | -36.840          |                                                 |  |  |         |
|                                    |         |           |           |                                                                                                                               |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
| 3/29/2021                          | 5400    | 5400      | 49352.98  | 32559.60                                                                                                                      | 6702.14 |             |            |             |            |           |                  |                  | 13.00                                           |  |  |         |
| 4/6/2021                           | 5400    | 5400      | 49352.98  | 32559.64                                                                                                                      | 6702.15 | 0.001       | 0.035      | 0.016       | 0.001      | 0.035     | 0.016            | 0.192            |                                                 |  |  |         |
| 5/13/2021                          | 5400    | 5400      | 49352.96  | 32559.58                                                                                                                      | 6702.12 | -0.023      | -0.057     | -0.030      | -0.022     | -0.022    | -0.014           | -0.168           |                                                 |  |  |         |
| 5/18/2021                          | 5400    | 5400      | 49352.96  | 32559.75                                                                                                                      | 6702.34 | -0.004      | 0.171      | 0.223       | -0.026     | 0.149     | 0.209            | 2.508            |                                                 |  |  |         |
| 5/19/2021                          | 5400    | 5400      | 49352.97  | 32559.76                                                                                                                      | 6702.31 | 0.017       | 0.004      | -0.035      | -0.009     | 0.153     | 0.174            | 2.088            |                                                 |  |  |         |
| 5/20/2021                          | 5400    | 5400      | 49352.97  | 32559.73                                                                                                                      | 6702.31 | -0.006      | -0.031     | 0.003       | -0.015     | 0.122     | 0.177            | 2.124            |                                                 |  |  |         |
| 5/21/2021                          | 5400    | 5400      | 49352.98  | 32559.84                                                                                                                      | 6702.48 | 0.012       | 0.114      | 0.172       | -0.003     | 0.236     | 0.349            | 4.188            |                                                 |  |  |         |
| 5/24/2021                          | 5400    | 5400      | 49352.93  | 32559.85                                                                                                                      | 6702.46 | -0.052      | 0.009      | -0.021      | -0.055     | 0.245     | 0.328            | 3.936            |                                                 |  |  |         |
| 5/25/2021                          | 5400    | 5400      | 49353.00  | 32559.91                                                                                                                      | 6702.51 | 0.070       | 0.061      | 0.046       | 0.015      | 0.306     | 0.374            | 4.488            |                                                 |  |  |         |
| 5/26/2021                          | 5400    | 5400      | 49353.03  | 32559.89                                                                                                                      | 6702.49 | 0.034       | -0.017     | -0.019      | 0.049      | 0.289     | 0.355            | 4.260            |                                                 |  |  |         |
| 5/27/2021                          | 5400    | 5400      | 49353.00  | 32559.91                                                                                                                      | 6702.50 | -0.028      | 0.019      | 0.006       | 0.021      | 0.308     | 0.361            | 4.332            |                                                 |  |  |         |
| 5/28/2021                          | 5400    | 5400      | 49353.02  | 32559.93                                                                                                                      | 6702.46 | 0.014       | 0.020      | -0.039      | 0.035      | 0.328     | 0.322            | 3.864            |                                                 |  |  |         |
| 5/29/2021                          | 5400    | 5400      | 49352.96  | 32559.88                                                                                                                      | 6702.47 | -0.061      | -0.051     | 0.014       | -0.026     | 0.277     | 0.336            | 4.032            |                                                 |  |  |         |
| 6/1/2021                           | 5400    | 5400      | 49352.98  | 32559.92                                                                                                                      | 6702.50 | 0.025       | 0.036      | 0.028       | -0.001     | 0.313     | 0.364            | 4.368            |                                                 |  |  |         |
| 6/2/2021                           | 5400    | 5400      | 49352.98  | 32559.89                                                                                                                      | 6702.48 | -0.005      | -0.024     | -0.023      | -0.006     | 0.289     | 0.341            | 4.092            |                                                 |  |  |         |
| 6/3/2021                           | 5400    | 5400      | 49352.97  | 32559.89                                                                                                                      | 6702.41 | -0.003      | -0.003     | -0.071      | -0.009     | 0.286     | 0.270            | 3.240            |                                                 |  |  |         |
| 6/4/2021                           | 5400    | 5400      | 49353.07  | 32559.89                                                                                                                      | 6702.41 | 0.096       | 0.001      | 0.009       | 0.087      | 0.287     | 0.279            | 3.348            |                                                 |  |  |         |
| 6/5/2021                           | 5400    | 5400      | 49353.06  | 32559.92                                                                                                                      | 6702.43 | -0.012      | 0.030      | 0.011       | 0.075      | 0.317     | 0.290            | 3.480            |                                                 |  |  |         |
| 6/8/2021                           | 5400    | 5400      | 49353.00  | 32559.92                                                                                                                      | 6702.36 | -0.057      | -0.003     | -0.062      | 0.018      | 0.314     | 0.228            | 2.736            |                                                 |  |  |         |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |  |  |           |                                                                                                                               | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                        |  |  |  |  |  |  |  |  |         |
|------------------------------------|--|--|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|---------|
|                                    |  |  |           |                                                                                                                               | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it. |  |  |  |  |  |  |  |  |         |
| DATE:                              |  |  | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |                                                                                        |  |  |  |  |  |  |  |  |         |
| STATION:                           |  |  | 104+06    |                                                                                                                               | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                   |  |  |  |  |  |  |  |  | 6710.86 |
| PANEL:                             |  |  | 7 East LW |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |
|                                    |  |  |           |                                                                                                                               |                                                                                        |  |  |  |  |  |  |  |  |         |

**Table 1 - Daily Subsidence Data**

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |             |            |             |            |           |                  |                  |  |                                                 |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|-------------|------------|-------------|------------|-----------|------------------|------------------|--|-------------------------------------------------|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |             |            |             |            |           |                  |                  |  |                                                 |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |             |            |             |            |           |                  |                  |  |                                                 |
| STATION:                           |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |         |             |            |             |            |           |                  |                  |  | 6710.86                                         |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |             |            |             |            |           |                  |                  |  |                                                 |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) |  | Proposed Initial Ballast Raised Height (Inches) |
| 6/10/2021                          | 5500    | 5500      | 49253.02  | 32564.52                                                                                                                      | 6703.49 | -0.030      | 0.020      | -0.008      | 0.092      | 0.281     | 0.278            | 3.336            |  |                                                 |
| 6/11/2021                          | 5500    | 5500      | 49253.05  | 32564.58                                                                                                                      | 6703.47 | 0.032       | 0.061      | -0.021      | 0.124      | 0.342     | 0.257            | 3.084            |  |                                                 |
| 6/12/2021                          | 5500    | 5500      | 49252.99  | 32564.55                                                                                                                      | 6703.46 | -0.058      | -0.031     | -0.013      | 0.066      | 0.311     | 0.244            | 2.928            |  |                                                 |
| 6/14/2021                          | 5500    | 5500      | 49253.00  | 32564.56                                                                                                                      | 6703.45 | 0.015       | 0.011      | -0.004      | 0.081      | 0.322     | 0.240            | 2.880            |  |                                                 |
| 6/15/2021                          | 5500    | 5500      | 49253.01  | 32564.53                                                                                                                      | 6703.43 | 0.009       | -0.028     | -0.023      | 0.090      | 0.294     | 0.217            | 2.604            |  |                                                 |
| 6/16/2021                          | 5500    | 5500      | 49253.06  | 32564.54                                                                                                                      | 6703.36 | 0.048       | 0.008      | -0.069      | 0.138      | 0.302     | 0.148            | 1.776            |  |                                                 |
| 6/17/2021                          | 5500    | 5500      | 49253.06  | 32564.53                                                                                                                      | 6703.31 | 0.000       | -0.013     | -0.046      | 0.138      | 0.289     | 0.102            | 1.224            |  |                                                 |
| 6/18/2021                          | 5500    | 5500      | 49253.07  | 32564.49                                                                                                                      | 6703.22 | 0.007       | -0.032     | -0.093      | 0.145      | 0.257     | 0.009            | 0.108            |  |                                                 |
| 6/19/2021                          | 5500    | 5500      | 49253.08  | 32564.53                                                                                                                      | 6703.22 | 0.012       | 0.031      | -0.004      | 0.157      | 0.288     | 0.005            | 0.060            |  |                                                 |
| 6/21/2021                          | 5500    | 5500      | 49253.02  | 32564.52                                                                                                                      | 6703.18 | -0.059      | -0.002     | -0.034      | 0.098      | 0.286     | -0.029           | -0.348           |  |                                                 |
| 6/22/2021                          | 5500    | 5500      | 49253.05  | 32564.47                                                                                                                      | 6703.11 | 0.030       | -0.051     | -0.074      | 0.128      | 0.235     | -0.103           | -1.236           |  |                                                 |
| 6/23/2021                          | 5500    | 5500      | 49253.04  | 32564.48                                                                                                                      | 6703.07 | -0.012      | 0.005      | -0.040      | 0.116      | 0.240     | -0.143           | -1.716           |  |                                                 |
| 6/24/2021                          | 5500    | 5500      | 49253.11  | 32564.47                                                                                                                      | 6703.05 | 0.074       | -0.004     | -0.017      | 0.190      | 0.236     | -0.160           | -1.920           |  |                                                 |
| 6/25/2021                          | 5500    | 5500      | 49253.06  | 32564.44                                                                                                                      | 6702.95 | -0.049      | -0.036     | -0.106      | 0.141      | 0.200     | -0.266           | -3.192           |  |                                                 |
| 6/28/2021                          | 5500    | 5500      | 49253.09  | 32564.46                                                                                                                      | 6702.92 | 0.027       | 0.019      | -0.025      | 0.168      | 0.219     | -0.291           | -3.492           |  |                                                 |
| 6/29/2021                          | 5500    | 5500      | 49253.08  | 32564.43                                                                                                                      | 6703.04 | -0.007      | -0.029     | 0.122       | 0.161      | 0.190     | -0.169           | -2.028           |  |                                                 |
| 6/30/2021                          | 5500    | 5500      | 49253.13  | 32564.42                                                                                                                      | 6702.90 | 0.044       | -0.003     | -0.146      | 0.205      | 0.187     | -0.315           | -3.780           |  |                                                 |
| 7/1/2021                           | 5500    | 5500      | 49253.11  | 32564.47                                                                                                                      | 6702.84 | -0.019      | 0.048      | -0.058      | 0.186      | 0.235     | -0.373           | -4.476           |  |                                                 |
| 7/2/2021                           | 5500    | 5500      | 49253.13  | 32564.39                                                                                                                      | 6702.83 | 0.025       | -0.078     | -0.004      | 0.211      | 0.157     | -0.377           | -4.524           |  |                                                 |
| 7/5/2021                           | 5500    | 5500      | 49253.11  | 32564.44                                                                                                                      | 6702.77 | -0.023      | 0.042      | -0.060      | 0.188      | 0.199     | -0.437           | -5.244           |  |                                                 |
| 7/6/2021                           | 5500    | 5500      | 49253.13  | 32564.39                                                                                                                      | 6702.80 | 0.018       | -0.046     | 0.029       | 0.206      | 0.153     | -0.408           | -4.896           |  |                                                 |
| 7/7/2021                           | 5500    | 5500      | 49253.08  | 32564.43                                                                                                                      | 6702.81 | -0.054      | 0.040      | 0.005       | 0.152      | 0.193     | -0.403           | -4.836           |  |                                                 |
| 7/8/2021                           | 5500    | 5500      | 49253.16  | 32564.38                                                                                                                      | 6702.82 | 0.087       | -0.050     | 0.008       | 0.239      | 0.143     | -0.395           | -4.740           |  |                                                 |
| 7/8/2021                           | 5500    | 5500      | 49253.10  | 32564.43                                                                                                                      | 6702.82 | -0.063      | 0.051      | 0.008       | 0.176      | 0.194     | -0.387           | -4.644           |  |                                                 |
| 7/12/2021                          | 5500    | 5500      | 49253.15  | 32564.41                                                                                                                      | 6702.79 | 0.046       | -0.023     | -0.031      | 0.222      | 0.171     | -0.418           | -5.016           |  |                                                 |
| 7/13/2021                          | 5500    | 5500      | 49253.14  | 32564.40                                                                                                                      | 6702.75 | -0.002      | -0.006     | -0.040      | 0.220      | 0.165     | -0.458           | -5.496           |  |                                                 |
| 7/14/2021                          | 5500    | 5500      | 49253.10  | 32564.38                                                                                                                      | 6702.77 | -0.046      | -0.025     | 0.021       | 0.174      | 0.140     | -0.437           | -5.244           |  |                                                 |
| 7/15/2021                          | 5500    | 5500      | 49253.11  | 32564.35                                                                                                                      | 6702.72 | 0.008       | -0.027     | -0.056      | 0.182      | 0.113     | -0.493           | -5.916           |  |                                                 |
| 7/16/2021                          | 5500    | 5500      | 49253.09  | 32564.36                                                                                                                      | 6702.71 | -0.013      | 0.011      | -0.013      | 0.169      | 0.124     | -0.506           | -6.072           |  |                                                 |
| 3/29/2021                          | 5600    | 5600      | 49152.82  | 32567.89                                                                                                                      | 6704.54 |             |            |             |            |           |                  |                  |  | 2.00                                            |
| 4/6/2021                           | 5600    | 5600      | 49152.84  | 32567.90                                                                                                                      | 6704.52 | 0.018       | 0.012      | -0.021      | 0.018      | 0.012     | -0.021           | -0.252           |  |                                                 |
| 5/13/2021                          | 5600    | 5600      | 49152.83  | 32567.89                                                                                                                      | 6704.54 | -0.006      | -0.015     | 0.018       | 0.012      | -0.003    | -0.003           | -0.036           |  |                                                 |
| 5/18/2021                          | 5600    | 5600      | 49152.82  | 32568.02                                                                                                                      | 6704.71 | -0.013      | 0.134      | 0.173       | -0.001     | 0.131     | 0.170            | 2.040            |  |                                                 |
| 5/19/2021                          | 5600    | 5600      | 49152.85  | 32568.01                                                                                                                      | 6704.66 | 0.034       | -0.007     | -0.051      | 0.033      | 0.124     | 0.119            | 1.428            |  |                                                 |
| 5/20/2021                          | 5600    | 5600      | 49152.82  | 32568.02                                                                                                                      | 6704.71 | -0.033      | 0.003      | 0.049       | 0.000      | 0.127     | 0.168            | 2.016            |  |                                                 |
| 5/21/2021                          | 5600    | 5600      | 49152.86  | 32568.05                                                                                                                      | 6704.87 | 0.045       | 0.036      | 0.161       | 0.045      | 0.163     | 0.329            | 3.948            |  |                                                 |
| 5/24/2021                          | 5600    | 5600      | 49152.79  | 32568.06                                                                                                                      | 6704.85 | -0.070      | 0.005      | -0.025      | -0.025     | 0.168     | 0.304            | 3.648            |  |                                                 |
| 5/25/2021                          | 5600    | 5600      | 49152.86  | 32568.10                                                                                                                      | 6704.94 | 0.065       | 0.040      | 0.095       | 0.040      | 0.208     | 0.399            | 4.788            |  |                                                 |
| 5/26/2021                          | 5600    | 5600      | 49152.84  | 32568.07                                                                                                                      | 6704.90 | -0.019      | -0.025     | -0.045      | 0.021      | 0.183     | 0.354            | 4.248            |  |                                                 |
| 5/27/2021                          | 5600    | 5600      | 49152.83  | 32568.05                                                                                                                      | 6704.90 | -0.010      | -0.023     | 0.004       | 0.011      | 0.160     | 0.358            | 4.296            |  |                                                 |
| 5/28/2021                          | 5600    | 5600      | 49152.85  | 32568.11                                                                                                                      | 6704.87 | 0.021       | 0.060      | -0.030      | 0.032      | 0.220     | 0.328            | 3.936            |  |                                                 |
| 5/29/2021                          | 5600    | 5600      | 49152.81  | 32568.08                                                                                                                      | 6704.90 | -0.043      | -0.028     | 0.030       | -0.011     | 0.192     | 0.358            | 4.296            |  |                                                 |
| 6/1/2021                           | 5600    | 5600      | 49152.83  | 32568.07                                                                                                                      | 6704.94 | 0.025       | -0.012     | 0.042       | 0.014      | 0.180     | 0.400            | 4.800            |  |                                                 |
| 6/2/2021                           | 5600    | 5600      | 49152.86  | 32568.08                                                                                                                      | 6704.90 | 0.031       | 0.009      | -0.038      | 0.045      | 0.189     | 0.362            | 4.344            |  |                                                 |
| 6/3/2021                           | 5600    | 5600      | 49152.84  | 32568.45                                                                                                                      | 6704.86 | -0.023      | 0.375      | -0.047      | 0.022      | 0.564     | 0.315            | 3.780            |  |                                                 |
| 6/4/2021                           | 5600    | 5600      | 49152.83  | 32568.05                                                                                                                      | 6704.87 | -0.009      | -0.400     | 0.013       | 0.013      | 0.164     | 0.328            | 3.936            |  |                                                 |
| 6/5/2021                           | 5600    | 5600      | 49152.89  | 32568.13                                                                                                                      | 6704.85 | 0.055       | 0.075      | -0.016      | 0.068      | 0.239     | 0.312            | 3.744            |  |                                                 |
| 6/8/2021                           | 5600    | 5600      | 49152.89  | 32568.06                                                                                                                      | 6704.84 | -0.001      | -0.070     | -0.011      | 0.067      | 0.169     | 0.301            | 3.612            |  |                                                 |
| 6/9/2021                           | 5600    | 5600      | 49152.89  | 32568.07                                                                                                                      | 6704.83 | 0.002       | 0.013      | -0.011      | 0.069      | 0.182     | 0.290            | 3.480            |  |                                                 |
| 6/10/2021                          | 5600    | 5600      | 49152.86  | 32568.10                                                                                                                      | 6704.84 | -0.030      | 0.027      | 0.009       | 0.039      | 0.209     | 0.299            | 3.588            |  |                                                 |

**Table 1 - Daily Subsidence Data**

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|---------|--|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
| STATION:                           |         |           | 104+06    |                                                                                                                               |         | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW |            |             |            |           |                  |                  |                                                 | 6710.86 |  |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
|                                    |         |           |           |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
|                                    |         |           |           |                                                                                                                               |         |                                                                      |            |             |            |           |                  |                  |                                                 |         |  |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH                                                          | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |         |  |
| 6/11/2021                          | 5600    | 5600      | 49152.93  | 32568.11                                                                                                                      | 6704.87 | 0.070                                                                | 0.007      | 0.032       | 0.109      | 0.216     | 0.331            | 3.972            |                                                 |         |  |
| 6/12/2021                          | 5600    | 5600      | 49152.88  | 32568.09                                                                                                                      | 6704.83 | -0.050                                                               | -0.014     | -0.046      | 0.059      | 0.202     | 0.285            | 3.420            |                                                 |         |  |
| 6/14/2021                          | 5600    | 5600      | 49152.81  | 32568.10                                                                                                                      | 6704.86 | -0.063                                                               | 0.004      | 0.031       | -0.004     | 0.206     | 0.316            | 3.792            |                                                 |         |  |
| 6/15/2021                          | 5600    | 5600      | 49152.89  | 32568.08                                                                                                                      | 6704.83 | 0.076                                                                | -0.017     | -0.028      | 0.072      | 0.189     | 0.288            | 3.456            |                                                 |         |  |
| 6/16/2021                          | 5600    | 5600      | 49152.94  | 32568.10                                                                                                                      | 6704.79 | 0.050                                                                | 0.024      | -0.039      | 0.122      | 0.213     | 0.249            | 2.988            |                                                 |         |  |
| 6/17/2021                          | 5600    | 5600      | 49152.96  | 32568.08                                                                                                                      | 6704.75 | 0.015                                                                | -0.021     | -0.040      | 0.137      | 0.192     | 0.209            | 2.508            |                                                 |         |  |
| 6/18/2021                          | 5600    | 5600      | 49152.89  | 32568.02                                                                                                                      | 6704.71 | -0.067                                                               | -0.059     | -0.046      | 0.070      | 0.133     | 0.163            | 1.956            |                                                 |         |  |
| 6/19/2021                          | 5600    | 5600      | 49152.94  | 32568.06                                                                                                                      | 6704.73 | 0.053                                                                | 0.033      | 0.023       | 0.123      | 0.166     | 0.186            | 2.232            |                                                 |         |  |
| 6/21/2021                          | 5600    | 5600      | 49152.91  | 32568.10                                                                                                                      | 6704.71 | -0.036                                                               | 0.040      | -0.019      | 0.087      | 0.206     | 0.167            | 2.004            |                                                 |         |  |
| 6/22/2021                          | 5600    | 5600      | 49152.97  | 32568.00                                                                                                                      | 6704.67 | 0.064                                                                | -0.097     | -0.041      | 0.151      | 0.109     | 0.126            | 1.512            |                                                 |         |  |
| 6/23/2021                          | 5600    | 5600      | 49152.93  | 32568.02                                                                                                                      | 6704.64 | -0.037                                                               | 0.017      | -0.026      | 0.114      | 0.126     | 0.100            | 1.200            |                                                 |         |  |
| 6/24/2021                          | 5600    | 5600      | 49152.97  | 32568.05                                                                                                                      | 6704.66 | 0.033                                                                | 0.034      | 0.019       | 0.147      | 0.160     | 0.119            | 1.428            |                                                 |         |  |
| 6/25/2021                          | 5600    | 5600      | 49152.97  | 32568.02                                                                                                                      | 6704.57 | 0.001                                                                | -0.031     | -0.091      | 0.148      | 0.129     | 0.028            | 0.336            |                                                 |         |  |
| 6/28/2021                          | 5600    | 5600      | 49152.94  | 32568.04                                                                                                                      | 6704.59 | -0.030                                                               | 0.017      | 0.019       | 0.118      | 0.146     | 0.047            | 0.564            |                                                 |         |  |
| 6/29/2021                          | 5600    | 5600      | 49152.95  | 32568.04                                                                                                                      | 6704.71 | 0.013                                                                | 0.004      | 0.123       | 0.131      | 0.150     | 0.170            | 2.040            |                                                 |         |  |
| 6/30/2021                          | 5600    | 5600      | 49152.95  | 32568.02                                                                                                                      | 6704.55 | -0.004                                                               | -0.019     | -0.158      | 0.127      | 0.131     | 0.012            | 0.144            |                                                 |         |  |
| 7/1/2021                           | 5600    | 5600      | 49152.99  | 32568.04                                                                                                                      | 6704.55 | 0.044                                                                | 0.018      | -0.003      | 0.171      | 0.149     | 0.009            | 0.108            |                                                 |         |  |
| 7/2/2021                           | 5600    | 5600      | 49153.02  | 32567.96                                                                                                                      | 6704.54 | 0.028                                                                | -0.077     | -0.009      | 0.199      | 0.072     | 0.000            | 0.000            |                                                 |         |  |
| 7/5/2021                           | 5600    | 5600      | 49152.98  | 32568.02                                                                                                                      | 6704.48 | -0.037                                                               | 0.056      | -0.059      | 0.162      | 0.128     | -0.059           | -0.708           |                                                 |         |  |
| 7/6/2021                           | 5600    | 5600      | 49152.95  | 32568.01                                                                                                                      | 6704.51 | -0.027                                                               | -0.013     | 0.031       | 0.135      | 0.115     | -0.028           | -0.336           |                                                 |         |  |
| 7/7/2021                           | 5600    | 5600      | 49153.00  | 32568.00                                                                                                                      | 6704.53 | 0.045                                                                | -0.004     | 0.012       | 0.180      | 0.111     | -0.016           | -0.192           |                                                 |         |  |
| 7/8/2021                           | 5600    | 5600      | 49152.94  | 32568.03                                                                                                                      | 6704.52 | -0.060                                                               | 0.029      | -0.006      | 0.120      | 0.140     | -0.022           | -0.264           |                                                 |         |  |
| 7/8/2021                           | 5600    | 5600      | 49152.98  | 32567.99                                                                                                                      | 6704.53 | 0.037                                                                | -0.042     | 0.008       | 0.157      | 0.098     | -0.014           | -0.168           |                                                 |         |  |
| 7/12/2021                          | 5600    | 5600      | 49152.98  | 32567.97                                                                                                                      | 6704.50 | 0.006                                                                | -0.017     | -0.029      | 0.163      | 0.081     | -0.043           | -0.516           |                                                 |         |  |
| 7/13/2021                          | 5600    | 5600      | 49152.94  | 32567.97                                                                                                                      | 6704.50 | -0.044                                                               | -0.003     | 0.000       | 0.119      | 0.078     | -0.043           | -0.516           |                                                 |         |  |
| 7/14/2021                          | 5600    | 5600      | 49152.96  | 32567.95                                                                                                                      | 6704.49 | 0.023                                                                | -0.015     | -0.007      | 0.142      | 0.063     | -0.050           | -0.600           |                                                 |         |  |
| 7/15/2021                          | 5600    | 5600      | 49152.96  | 32567.98                                                                                                                      | 6704.46 | -0.004                                                               | 0.026      | -0.032      | 0.138      | 0.089     | -0.082           | -0.984           |                                                 |         |  |
| 7/16/2021                          | 5600    | 5600      | 49152.95  | 32567.95                                                                                                                      | 6704.45 | -0.002                                                               | -0.025     | -0.013      | 0.136      | 0.064     | -0.095           | -1.140           |                                                 |         |  |
| 3/29/2021                          | 5700    | 5700      | 49052.78  | 32568.89                                                                                                                      | 6706.30 |                                                                      |            |             |            |           |                  |                  | 0.00                                            |         |  |
| 4/6/2021                           | 5700    | 5700      | 49052.89  | 32568.77                                                                                                                      | 6706.27 | 0.101                                                                | -0.125     | -0.033      | 0.101      | -0.125    | -0.033           | -0.396           |                                                 |         |  |
| 5/13/2021                          | 5700    | 5700      | 49052.78  | 32568.83                                                                                                                      | 6706.30 | -0.108                                                               | 0.066      | 0.038       | -0.007     | -0.059    | 0.005            | 0.060            |                                                 |         |  |
| 5/18/2021                          | 5700    | 5700      | 49052.82  | 32568.96                                                                                                                      | 6706.40 | 0.039                                                                | 0.132      | 0.099       | 0.032      | 0.073     | 0.104            | 1.248            |                                                 |         |  |
| 5/19/2021                          | 5700    | 5700      | 49052.78  | 32568.98                                                                                                                      | 6706.38 | -0.033                                                               | 0.013      | -0.023      | -0.001     | 0.086     | 0.081            | 0.972            |                                                 |         |  |
| 5/20/2021                          | 5700    | 5700      | 49052.76  | 32568.99                                                                                                                      | 6706.41 | -0.024                                                               | 0.008      | 0.034       | -0.025     | 0.094     | 0.115            | 1.380            |                                                 |         |  |
| 5/21/2021                          | 5700    | 5700      | 49052.82  | 32569.03                                                                                                                      | 6706.48 | 0.059                                                                | 0.041      | 0.065       | 0.034      | 0.135     | 0.180            | 2.160            |                                                 |         |  |
| 5/24/2021                          | 5700    | 5700      | 49052.82  | 32569.04                                                                                                                      | 6706.44 | 0.003                                                                | 0.018      | -0.036      | 0.037      | 0.153     | 0.144            | 1.728            |                                                 |         |  |
| 5/25/2021                          | 5700    | 5700      | 49052.81  | 32569.10                                                                                                                      | 6706.51 | -0.010                                                               | 0.055      | 0.067       | 0.027      | 0.208     | 0.211            | 2.532            |                                                 |         |  |
| 5/26/2021                          | 5700    | 5700      | 49052.82  | 32569.06                                                                                                                      | 6706.50 | 0.012                                                                | -0.041     | -0.011      | 0.039      | 0.167     | 0.200            | 2.400            |                                                 |         |  |
| 5/27/2021                          | 5700    | 5700      | 49052.78  | 32569.07                                                                                                                      | 6706.51 | -0.048                                                               | 0.009      | 0.007       | -0.009     | 0.176     | 0.207            | 2.484            |                                                 |         |  |
| 5/28/2021                          | 5700    | 5700      | 49052.82  | 32569.11                                                                                                                      | 6706.47 | 0.047                                                                | 0.039      | -0.036      | 0.038      | 0.215     | 0.171            | 2.052            |                                                 |         |  |
| 5/29/2021                          | 5700    | 5700      | 49052.77  | 32569.06                                                                                                                      | 6706.47 | -0.055                                                               | -0.050     | 0.002       | -0.017     | 0.165     | 0.173            | 2.076            |                                                 |         |  |
| 6/1/2021                           | 5700    | 5700      | 49052.84  | 32569.09                                                                                                                      | 6706.50 | 0.077                                                                | 0.029      | 0.028       | 0.060      | 0.194     | 0.201            | 2.412            |                                                 |         |  |
| 6/2/2021                           | 5700    | 5700      | 49052.79  | 32569.08                                                                                                                      | 6706.51 | -0.054                                                               | -0.008     | 0.005       | 0.006      | 0.186     | 0.206            | 2.472            |                                                 |         |  |
| 6/3/2021                           | 5700    | 5700      | 49052.81  | 32569.07                                                                                                                      | 6706.47 | 0.015                                                                | -0.006     | -0.036      | 0.021      | 0.180     | 0.170            | 2.040            |                                                 |         |  |
| 6/4/2021                           | 5700    | 5700      | 49052.85  | 32569.07                                                                                                                      | 6706.46 | 0.045                                                                | -0.005     | -0.014      | 0.066      | 0.175     | 0.156            | 1.872            |                                                 |         |  |
| 6/5/2021                           | 5700    | 5700      | 49052.78  | 32569.08                                                                                                                      | 6706.46 | -0.070                                                               | 0.018      | 0.008       | -0.004     | 0.193     | 0.164            | 1.968            |                                                 |         |  |
| 6/8/2021                           | 5700    | 5700      | 49052.82  | 32569.08                                                                                                                      | 6706.46 | 0.042                                                                | -0.006     | -0.002      | 0.038      | 0.187     | 0.162            | 1.944            |                                                 |         |  |
| 6/9/2021                           | 5700    | 5700      | 49052.85  | 32569.07                                                                                                                      | 6706.47 | 0.027                                                                | -0.006     | 0.006       | 0.065      | 0.181     | 0.168            | 2.016            |                                                 |         |  |
| 6/10/2021                          | 5700    | 5700      | 49052.84  | 32569.11                                                                                                                      | 6706.44 | -0.010                                                               | 0.040      | -0.031      | 0.055      | 0.221     | 0.137            | 1.644            |                                                 |         |  |
| 6/11/2021                          | 5700    | 5700      | 49052.84  | 32569.10                                                                                                                      | 6706.48 | 0.003                                                                | -0.017     | 0.047       | 0.058      | 0.204     | 0.184            | 2.208            |                                                 |         |  |

**Table 1 - Daily Subsidence Data**

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |             |            |             |            |           |                  |                  |                                                 |         |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|-------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|---------|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |             |            |             |            |           |                  |                  |                                                 |         |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |             |            |             |            |           |                  |                  |                                                 |         |
| STATION:                           |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |         |             |            |             |            |           |                  |                  |                                                 | 6710.86 |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |             |            |             |            |           |                  |                  |                                                 |         |
|                                    |         |           |           |                                                                                                                               |         |             |            |             |            |           |                  |                  |                                                 |         |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |         |
| 6/12/2021                          | 5700    | 5700      | 49052.84  | 32569.07                                                                                                                      | 6706.44 | 0.000       | -0.022     | -0.041      | 0.058      | 0.182     | 0.143            | 1.716            |                                                 |         |
| 6/14/2021                          | 5700    | 5700      | 49052.83  | 32569.08                                                                                                                      | 6706.45 | -0.010      | 0.010      | 0.011       | 0.048      | 0.192     | 0.154            | 1.848            |                                                 |         |
| 6/15/2021                          | 5700    | 5700      | 49052.87  | 32569.06                                                                                                                      | 6706.44 | 0.041       | -0.025     | -0.017      | 0.089      | 0.167     | 0.137            | 1.644            |                                                 |         |
| 6/16/2021                          | 5700    | 5700      | 49052.83  | 32569.08                                                                                                                      | 6706.41 | -0.040      | 0.019      | -0.022      | 0.049      | 0.186     | 0.115            | 1.380            |                                                 |         |
| 6/17/2021                          | 5700    | 5700      | 49052.83  | 32569.05                                                                                                                      | 6706.42 | -0.001      | -0.024     | 0.006       | 0.048      | 0.162     | 0.121            | 1.452            |                                                 |         |
| 6/18/2021                          | 5700    | 5700      | 49052.87  | 32569.04                                                                                                                      | 6706.36 | 0.035       | -0.014     | -0.059      | 0.083      | 0.148     | 0.062            | 0.744            |                                                 |         |
| 6/19/2021                          | 5700    | 5700      | 49052.89  | 32569.07                                                                                                                      | 6706.40 | 0.027       | 0.026      | 0.037       | 0.110      | 0.174     | 0.099            | 1.188            |                                                 |         |
| 6/21/2021                          | 5700    | 5700      | 49052.84  | 32569.06                                                                                                                      | 6706.39 | -0.054      | -0.001     | -0.008      | 0.056      | 0.173     | 0.091            | 1.092            |                                                 |         |
| 6/22/2021                          | 5700    | 5700      | 49052.87  | 32569.00                                                                                                                      | 6706.35 | 0.029       | -0.061     | -0.040      | 0.085      | 0.112     | 0.051            | 0.612            |                                                 |         |
| 6/23/2021                          | 5700    | 5700      | 49052.87  | 32569.03                                                                                                                      | 6706.33 | 0.002       | 0.024      | -0.021      | 0.087      | 0.136     | 0.030            | 0.360            |                                                 |         |
| 6/24/2021                          | 5700    | 5700      | 49052.87  | 32569.04                                                                                                                      | 6706.37 | 0.002       | 0.015      | 0.039       | 0.089      | 0.151     | 0.069            | 0.828            |                                                 |         |
| 6/25/2021                          | 5700    | 5700      | 49052.87  | 32569.03                                                                                                                      | 6706.30 | 0.001       | -0.017     | -0.071      | 0.090      | 0.134     | -0.002           | -0.024           |                                                 |         |
| 6/28/2021                          | 5700    | 5700      | 49052.86  | 32569.03                                                                                                                      | 6706.29 | -0.013      | 0.003      | -0.004      | 0.077      | 0.137     | -0.006           | -0.072           |                                                 |         |
| 6/29/2021                          | 5700    | 5700      | 49052.88  | 32569.01                                                                                                                      | 6706.42 | 0.020       | -0.017     | 0.126       | 0.097      | 0.120     | 0.120            | 1.440            |                                                 |         |
| 6/30/2021                          | 5700    | 5700      | 49052.93  | 32569.02                                                                                                                      | 6706.30 | 0.051       | 0.012      | -0.120      | 0.148      | 0.132     | 0.000            | 0.000            |                                                 |         |
| 7/1/2021                           | 5700    | 5700      | 49052.90  | 32569.05                                                                                                                      | 6706.29 | -0.028      | 0.022      | -0.014      | 0.120      | 0.154     | -0.014           | -0.168           |                                                 |         |
| 7/2/2021                           | 5700    | 5700      | 49052.82  | 32568.96                                                                                                                      | 6706.26 | -0.080      | -0.086     | -0.026      | 0.040      | 0.068     | -0.040           | -0.480           |                                                 |         |
| 7/5/2021                           | 5700    | 5700      | 49052.88  | 32569.02                                                                                                                      | 6706.23 | 0.060       | 0.062      | -0.033      | 0.100      | 0.130     | -0.073           | -0.876           |                                                 |         |
| 7/6/2021                           | 5700    | 5700      | 49052.88  | 32569.00                                                                                                                      | 6706.25 | -0.001      | -0.023     | 0.026       | 0.099      | 0.107     | -0.047           | -0.564           |                                                 |         |
| 7/7/2021                           | 5700    | 5700      | 49052.89  | 32569.01                                                                                                                      | 6706.25 | 0.002       | 0.014      | -0.006      | 0.101      | 0.121     | -0.053           | -0.636           |                                                 |         |
| 7/8/2021                           | 5700    | 5700      | 49052.88  | 32568.98                                                                                                                      | 6706.23 | -0.007      | -0.028     | -0.016      | 0.094      | 0.093     | -0.069           | -0.828           |                                                 |         |
| 7/8/2021                           | 5700    | 5700      | 49052.90  | 32568.99                                                                                                                      | 6706.23 | 0.020       | 0.008      | 0.002       | 0.114      | 0.101     | -0.067           | -0.804           |                                                 |         |
| 7/12/2021                          | 5700    | 5700      | 49052.86  | 32569.02                                                                                                                      | 6706.24 | -0.037      | 0.027      | 0.010       | 0.077      | 0.128     | -0.057           | -0.684           |                                                 |         |
| 7/13/2021                          | 5700    | 5700      | 49052.91  | 32569.01                                                                                                                      | 6706.26 | 0.046       | -0.007     | 0.013       | 0.123      | 0.121     | -0.044           | -0.528           |                                                 |         |
| 7/14/2021                          | 5700    | 5700      | 49052.93  | 32569.01                                                                                                                      | 6706.24 | 0.018       | -0.005     | -0.020      | 0.141      | 0.116     | -0.064           | -0.768           |                                                 |         |
| 7/15/2021                          | 5700    | 5700      | 49052.90  | 32568.98                                                                                                                      | 6706.21 | -0.026      | -0.029     | -0.025      | 0.115      | 0.087     | -0.089           | -1.068           |                                                 |         |
| 7/16/2021                          | 5700    | 5700      | 49052.92  | 32568.99                                                                                                                      | 6706.21 | 0.019       | 0.008      | -0.003      | 0.134      | 0.095     | -0.092           | -1.104           |                                                 |         |
| 3/29/2021                          | 5800    | 5800      | 48952.78  | 32565.89                                                                                                                      | 6707.93 |             |            |             |            |           |                  |                  | 0.00                                            |         |
| 4/6/2021                           | 5800    | 5800      | 48952.86  | 32565.92                                                                                                                      | 6707.88 | 0.083       | 0.021      | -0.053      | 0.083      | 0.021     | -0.053           | -0.636           |                                                 |         |
| 5/13/2021                          | 5800    | 5800      | 48952.87  | 32565.91                                                                                                                      | 6707.93 | 0.010       | -0.010     | 0.053       | 0.093      | 0.011     | 0.000            | 0.000            |                                                 |         |
| 5/18/2021                          | 5800    | 5800      | 48952.83  | 32565.99                                                                                                                      | 6707.94 | -0.040      | 0.085      | 0.010       | 0.053      | 0.096     | 0.010            | 0.120            |                                                 |         |
| 5/19/2021                          | 5800    | 5800      | 48952.86  | 32566.04                                                                                                                      | 6707.94 | 0.027       | 0.050      | 0.000       | 0.080      | 0.146     | 0.010            | 0.120            |                                                 |         |
| 5/20/2021                          | 5800    | 5800      | 48952.84  | 32566.01                                                                                                                      | 6707.96 | -0.024      | -0.031     | 0.021       | 0.056      | 0.115     | 0.031            | 0.372            |                                                 |         |
| 5/21/2021                          | 5800    | 5800      | 48952.85  | 32566.02                                                                                                                      | 6707.97 | 0.010       | 0.006      | 0.008       | 0.066      | 0.121     | 0.039            | 0.468            |                                                 |         |
| 5/24/2021                          | 5800    | 5800      | 48952.83  | 32566.02                                                                                                                      | 6707.99 | -0.019      | 0.008      | 0.020       | 0.047      | 0.129     | 0.059            | 0.708            |                                                 |         |
| 5/25/2021                          | 5800    | 5800      | 48952.90  | 32566.06                                                                                                                      | 6708.03 | 0.075       | 0.034      | 0.035       | 0.122      | 0.163     | 0.094            | 1.128            |                                                 |         |
| 5/26/2021                          | 5800    | 5800      | 48952.85  | 32566.05                                                                                                                      | 6708.02 | -0.053      | -0.006     | -0.011      | 0.069      | 0.157     | 0.083            | 0.996            |                                                 |         |
| 5/27/2021                          | 5800    | 5800      | 48952.87  | 32566.03                                                                                                                      | 6707.99 | 0.025       | -0.017     | -0.025      | 0.094      | 0.140     | 0.058            | 0.696            |                                                 |         |
| 5/28/2021                          | 5800    | 5800      | 48952.78  | 32566.07                                                                                                                      | 6707.99 | -0.091      | 0.035      | 0.001       | 0.003      | 0.175     | 0.059            | 0.708            |                                                 |         |
| 5/29/2021                          | 5800    | 5800      | 48952.82  | 32566.04                                                                                                                      | 6707.97 | 0.037       | -0.032     | -0.020      | 0.040      | 0.143     | 0.039            | 0.468            |                                                 |         |
| 6/1/2021                           | 5800    | 5800      | 48952.85  | 32566.06                                                                                                                      | 6708.01 | 0.031       | 0.018      | 0.033       | 0.071      | 0.161     | 0.072            | 0.864            |                                                 |         |
| 6/2/2021                           | 5800    | 5800      | 48952.86  | 32566.04                                                                                                                      | 6707.99 | 0.011       | -0.011     | -0.013      | 0.082      | 0.150     | 0.059            | 0.708            |                                                 |         |
| 6/3/2021                           | 5800    | 5800      | 48952.84  | 32566.04                                                                                                                      | 6707.98 | -0.020      | -0.002     | -0.011      | 0.062      | 0.148     | 0.048            | 0.576            |                                                 |         |
| 6/4/2021                           | 5800    | 5800      | 48952.85  | 32566.02                                                                                                                      | 6707.96 | 0.008       | -0.018     | -0.023      | 0.070      | 0.130     | 0.025            | 0.300            |                                                 |         |
| 6/5/2021                           | 5800    | 5800      | 48952.85  | 32566.05                                                                                                                      | 6707.99 | 0.004       | 0.024      | 0.032       | 0.074      | 0.154     | 0.057            | 0.684            |                                                 |         |
| 6/8/2021                           | 5800    | 5800      | 48952.77  | 32566.03                                                                                                                      | 6707.96 | -0.082      | -0.016     | -0.026      | -0.008     | 0.138     | 0.031            | 0.372            |                                                 |         |
| 6/9/2021                           | 5800    | 5800      | 48952.81  | 32566.06                                                                                                                      | 6707.95 | 0.033       | 0.026      | -0.017      | 0.025      | 0.164     | 0.014            | 0.168            |                                                 |         |
| 6/10/2021                          | 5800    | 5800      | 48952.81  | 32566.06                                                                                                                      | 6707.95 | 0.000       | 0.000      | 0.000       | 0.025      | 0.164     | 0.014            | 0.168            |                                                 |         |
| 6/11/2021                          | 5800    | 5800      | 48952.87  | 32566.09                                                                                                                      | 6708.00 | 0.063       | 0.035      | 0.049       | 0.088      | 0.199     | 0.063            | 0.756            |                                                 |         |
| 6/12/2021                          | 5800    | 5800      | 48952.89  | 32566.05                                                                                                                      | 6707.94 | 0.017       | -0.043     | -0.055      | 0.105      | 0.156     | 0.008            | 0.096            |                                                 |         |

**Table 1 - Daily Subsidence Data**

| WC 7 East Panel - UPRR Energy Spur |         |           |           |          | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |             |            |             |            |           |                  |                  |         |                                                 |
|------------------------------------|---------|-----------|-----------|----------|-------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-------------|------------|-----------|------------------|------------------|---------|-------------------------------------------------|
|                                    |         |           |           |          | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |             |            |             |            |           |                  |                  |         |                                                 |
| DATE:                              |         |           | 7/16/21   |          | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |             |            |             |            |           |                  |                  |         |                                                 |
| STATION:                           |         |           | 104+06    |          | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |             |            |             |            |           |                  |                  | 6710.86 |                                                 |
| PANEL:                             |         |           | 7 East LW |          |                                                                                                                               |             |            |             |            |           |                  |                  |         |                                                 |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST     | ELEV.                                                                                                                         | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) |         | Proposed Initial Ballast Raised Height (Inches) |
| 6/14/2021                          | 5800    | 5800      | 48952.81  | 32566.07 | 6707.97                                                                                                                       | -0.077      | 0.020      | 0.033       | 0.028      | 0.176     | 0.041            | 0.492            |         |                                                 |
| 6/15/2021                          | 5800    | 5800      | 48952.86  | 32566.04 | 6707.96                                                                                                                       | 0.055       | -0.029     | -0.010      | 0.083      | 0.147     | 0.031            | 0.372            |         |                                                 |
| 6/16/2021                          | 5800    | 5800      | 48952.85  | 32566.08 | 6707.94                                                                                                                       | -0.017      | 0.039      | -0.020      | 0.066      | 0.186     | 0.011            | 0.132            |         |                                                 |
| 6/17/2021                          | 5800    | 5800      | 48952.83  | 32566.06 | 6707.96                                                                                                                       | -0.016      | -0.018     | 0.013       | 0.050      | 0.168     | 0.024            | 0.288            |         |                                                 |
| 6/18/2021                          | 5800    | 5800      | 48952.84  | 32566.02 | 6707.90                                                                                                                       | 0.013       | -0.041     | -0.057      | 0.063      | 0.127     | -0.033           | -0.396           |         |                                                 |
| 6/19/2021                          | 5800    | 5800      | 48952.89  | 32566.04 | 6707.92                                                                                                                       | 0.044       | 0.016      | 0.024       | 0.107      | 0.143     | -0.009           | -0.108           |         |                                                 |
| 6/21/2021                          | 5800    | 5800      | 48952.85  | 32566.06 | 6707.94                                                                                                                       | -0.033      | 0.022      | 0.016       | 0.074      | 0.165     | 0.007            | 0.084            |         |                                                 |
| 6/22/2021                          | 5800    | 5800      | 48952.87  | 32565.99 | 6707.90                                                                                                                       | 0.013       | -0.070     | -0.039      | 0.087      | 0.095     | -0.032           | -0.384           |         |                                                 |
| 6/23/2021                          | 5800    | 5800      | 48952.88  | 32566.04 | 6707.88                                                                                                                       | 0.015       | 0.050      | -0.021      | 0.102      | 0.145     | -0.053           | -0.636           |         |                                                 |
| 6/24/2021                          | 5800    | 5800      | 48952.86  | 32566.04 | 6707.91                                                                                                                       | -0.018      | 0.000      | 0.033       | 0.084      | 0.145     | -0.020           | -0.240           |         |                                                 |
| 6/25/2021                          | 5800    | 5800      | 48952.88  | 32566.00 | 6707.86                                                                                                                       | 0.016       | -0.042     | -0.055      | 0.100      | 0.103     | -0.075           | -0.900           |         |                                                 |
| 6/28/2021                          | 5800    | 5800      | 48952.90  | 32566.04 | 6707.84                                                                                                                       | 0.020       | 0.044      | -0.020      | 0.120      | 0.147     | -0.095           | -1.140           |         |                                                 |
| 6/29/2021                          | 5800    | 5800      | 48952.86  | 32566.03 | 6708.00                                                                                                                       | -0.038      | -0.012     | 0.164       | 0.082      | 0.135     | 0.069            | 0.828            |         |                                                 |
| 6/30/2021                          | 5800    | 5800      | 48952.92  | 32566.04 | 6707.88                                                                                                                       | 0.053       | 0.008      | -0.125      | 0.135      | 0.143     | -0.056           | -0.672           |         |                                                 |
| 7/1/2021                           | 5800    | 5800      | 48952.89  | 32566.05 | 6707.85                                                                                                                       | -0.028      | 0.010      | -0.029      | 0.107      | 0.153     | -0.085           | -1.020           |         |                                                 |
| 7/2/2021                           | 5800    | 5800      | 48952.86  | 32565.99 | 6707.82                                                                                                                       | -0.030      | -0.058     | -0.030      | 0.077      | 0.095     | -0.115           | -1.380           |         |                                                 |
| 7/5/2021                           | 5800    | 5800      | 48952.91  | 32566.02 | 6707.79                                                                                                                       | 0.057       | 0.028      | -0.031      | 0.134      | 0.123     | -0.146           | -1.752           |         |                                                 |
| 7/6/2021                           | 5800    | 5800      | 48952.83  | 32566.02 | 6707.81                                                                                                                       | -0.082      | 0.007      | 0.022       | 0.052      | 0.130     | -0.124           | -1.488           |         |                                                 |
| 7/7/2021                           | 5800    | 5800      | 48952.89  | 32566.04 | 6707.82                                                                                                                       | 0.058       | 0.012      | 0.012       | 0.110      | 0.142     | -0.112           | -1.344           |         |                                                 |
| 7/8/2021                           | 5800    | 5800      | 48952.91  | 32565.98 | 6707.83                                                                                                                       | 0.018       | -0.058     | 0.006       | 0.128      | 0.084     | -0.106           | -1.272           |         |                                                 |
| 7/8/2021                           | 5800    | 5800      | 48952.93  | 32566.01 | 6707.84                                                                                                                       | 0.018       | 0.027      | 0.014       | 0.146      | 0.111     | -0.092           | -1.104           |         |                                                 |
| 7/12/2021                          | 5800    | 5800      | 48952.91  | 32566.00 | 6707.83                                                                                                                       | -0.020      | -0.002     | -0.015      | 0.126      | 0.109     | -0.107           | -1.284           |         |                                                 |
| 7/13/2021                          | 5800    | 5800      | 48952.90  | 32566.00 | 6707.82                                                                                                                       | -0.011      | -0.002     | -0.007      | 0.115      | 0.107     | -0.114           | -1.368           |         |                                                 |
| 7/14/2021                          | 5800    | 5800      | 48952.86  | 32566.02 | 6707.81                                                                                                                       | -0.033      | 0.015      | -0.011      | 0.082      | 0.122     | -0.125           | -1.500           |         |                                                 |
| 7/15/2021                          | 5800    | 5800      | 48952.87  | 32566.00 | 6707.79                                                                                                                       | 0.006       | -0.019     | -0.017      | 0.088      | 0.103     | -0.142           | -1.704           |         |                                                 |
| 7/16/2021                          | 5800    | 5800      | 48952.89  | 32566.01 | 6707.78                                                                                                                       | 0.018       | 0.008      | -0.013      | 0.106      | 0.111     | -0.155           | -1.860           |         |                                                 |
| 3/29/2021                          | 5900    | 5900      | 48852.76  | 32558.11 | 6709.55                                                                                                                       |             |            |             |            |           |                  |                  |         | 0.00                                            |
| 4/6/2021                           | 5900    | 5900      | 48852.75  | 32558.14 | 6709.52                                                                                                                       | -0.018      | 0.025      | -0.030      | -0.018     | 0.025     | -0.030           | -0.360           |         |                                                 |
| 5/13/2021                          | 5900    | 5900      | 48852.75  | 32558.12 | 6709.53                                                                                                                       | 0.000       | -0.018     | 0.014       | -0.018     | 0.007     | -0.016           | -0.192           |         |                                                 |
| 5/18/2021                          | 5900    | 5900      | 48852.73  | 32558.18 | 6709.54                                                                                                                       | -0.015      | 0.060      | 0.013       | -0.033     | 0.067     | -0.003           | -0.036           |         |                                                 |
| 5/19/2021                          | 5900    | 5900      | 48852.79  | 32558.09 | 6709.53                                                                                                                       | 0.055       | -0.086     | -0.012      | 0.022      | -0.019    | -0.015           | -0.180           |         |                                                 |
| 5/20/2021                          | 5900    | 5900      | 48852.75  | 32558.11 | 6709.56                                                                                                                       | -0.036      | 0.020      | 0.028       | -0.014     | 0.001     | 0.013            | 0.156            |         |                                                 |
| 5/21/2021                          | 5900    | 5900      | 48852.76  | 32558.15 | 6709.53                                                                                                                       | 0.008       | 0.039      | -0.032      | -0.006     | 0.040     | -0.019           | -0.228           |         |                                                 |
| 5/24/2021                          | 5900    | 5900      | 48852.76  | 32558.12 | 6709.53                                                                                                                       | 0.000       | -0.032     | 0.006       | -0.006     | 0.008     | -0.013           | -0.156           |         |                                                 |
| 5/25/2021                          | 5900    | 5900      | 48852.77  | 32558.14 | 6709.52                                                                                                                       | 0.012       | 0.023      | -0.017      | 0.006      | 0.031     | -0.030           | -0.360           |         |                                                 |
| 5/26/2021                          | 5900    | 5900      | 48852.77  | 32558.11 | 6709.52                                                                                                                       | 0.002       | -0.033     | 0.007       | 0.008      | -0.002    | -0.023           | -0.276           |         |                                                 |
| 5/27/2021                          | 5900    | 5900      | 48852.77  | 32558.18 | 6709.49                                                                                                                       | -0.002      | 0.070      | -0.031      | 0.006      | 0.068     | -0.054           | -0.648           |         |                                                 |
| 5/28/2021                          | 5900    | 5900      | 48852.79  | 32558.18 | 6709.50                                                                                                                       | 0.018       | -0.002     | 0.011       | 0.024      | 0.066     | -0.043           | -0.516           |         |                                                 |
| 5/29/2021                          | 5900    | 5900      | 48852.75  | 32558.11 | 6709.48                                                                                                                       | -0.043      | -0.070     | -0.019      | -0.019     | -0.004    | -0.062           | -0.744           |         |                                                 |
| 6/1/2021                           | 5900    | 5900      | 48852.77  | 32558.09 | 6709.54                                                                                                                       | 0.028       | -0.014     | 0.053       | 0.009      | -0.018    | -0.009           | -0.108           |         |                                                 |
| 6/2/2021                           | 5900    | 5900      | 48852.79  | 32558.10 | 6709.48                                                                                                                       | 0.019       | 0.001      | -0.061      | 0.028      | -0.017    | -0.070           | -0.840           |         |                                                 |
| 6/3/2021                           | 5900    | 5900      | 48852.75  | 32558.13 | 6709.49                                                                                                                       | -0.040      | 0.031      | 0.018       | -0.012     | 0.014     | -0.052           | -0.624           |         |                                                 |
| 6/4/2021                           | 5900    | 5900      | 48852.75  | 32558.13 | 6709.48                                                                                                                       | -0.003      | 0.004      | -0.018      | -0.015     | 0.018     | -0.070           | -0.840           |         |                                                 |
| 6/5/2021                           | 5900    | 5900      | 48852.77  | 32558.15 | 6709.51                                                                                                                       | 0.025       | 0.024      | 0.038       | 0.010      | 0.042     | -0.032           | -0.384           |         |                                                 |
| 6/8/2021                           | 5900    | 5900      | 48852.70  | 32558.13 | 6709.48                                                                                                                       | -0.071      | -0.026     | -0.035      | -0.061     | 0.016     | -0.067           | -0.804           |         |                                                 |
| 6/9/2021                           | 5900    | 5900      | 48852.76  | 32558.12 | 6709.49                                                                                                                       | 0.053       | -0.009     | 0.011       | -0.008     | 0.007     | -0.056           | -0.672           |         |                                                 |
| 6/10/2021                          | 5900    | 5900      | 48852.72  | 32558.13 | 6709.50                                                                                                                       | -0.032      | 0.008      | 0.008       | -0.040     | 0.015     | -0.048           | -0.576           |         |                                                 |
| 6/11/2021                          | 5900    | 5900      | 48852.76  | 32558.15 | 6709.53                                                                                                                       | 0.034       | 0.025      | 0.036       | -0.006     | 0.040     | -0.012           | -0.144           |         |                                                 |
| 6/12/2021                          | 5900    | 5900      | 48852.76  | 32558.12 | 6709.52                                                                                                                       | 0.004       | -0.033     | -0.011      | -0.002     | 0.007     | -0.023           | -0.276           |         |                                                 |
| 6/14/2021                          | 5900    | 5900      | 48852.74  | 32558.14 | 6709.50                                                                                                                       | -0.023      | 0.019      | -0.022      | -0.025     | 0.026     | -0.045           | -0.540           |         |                                                 |

Table 1 - Daily Subsidence Data

| WC 7 East Panel - UPRR Energy Spur |         |           |           | Subsidence Monitoring Wolf Creek 7 East LW UPRR Energy Spur.xls                                                               |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
|------------------------------------|---------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|---------|-------------|------------|-------------|------------|-----------|------------------|------------------|-------------------------------------------------|--|--|---------|
|                                    |         |           |           | *Note: There is a macro that will perform these calcs for you. Ctr+t will activate it.                                        |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
| DATE:                              |         |           | 7/16/21   | The initial points must be entered starting with the date in cell A11. The new points should be copied to the New Survey Tab. |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
| STATION:                           |         |           | 104+06    | March 29, 2021 - Baseline data - Prior to the start of the 7 East LW                                                          |         |             |            |             |            |           |                  |                  |                                                 |  |  | 6710.86 |
| PANEL:                             |         |           | 7 East LW |                                                                                                                               |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
|                                    |         |           |           |                                                                                                                               |         |             |            |             |            |           |                  |                  |                                                 |  |  |         |
| DATE                               | PT. ID. | 7 East LW | NORTH     | EAST                                                                                                                          | ELEV.   | DELTA NORTH | DELTA EAST | DELTA ELEV. | CUM. NORTH | CUM. EAST | CUM. ELEV. (Ft.) | CUM. ELEV. (In.) | Proposed Initial Ballast Raised Height (Inches) |  |  |         |
| 6/15/2021                          | 5900    | 5900      | 48852.75  | 32558.10                                                                                                                      | 6709.50 | 0.014       | -0.043     | -0.005      | -0.011     | -0.017    | -0.050           | -0.600           |                                                 |  |  |         |
| 6/16/2021                          | 5900    | 5900      | 48852.78  | 32558.12                                                                                                                      | 6709.47 | 0.026       | 0.029      | -0.029      | 0.015      | 0.012     | -0.079           | -0.948           |                                                 |  |  |         |
| 6/17/2021                          | 5900    | 5900      | 48852.76  | 32558.11                                                                                                                      | 6709.48 | -0.015      | -0.019     | 0.014       | 0.000      | -0.007    | -0.065           | -0.780           |                                                 |  |  |         |
| 6/18/2021                          | 5900    | 5900      | 48852.77  | 32558.10                                                                                                                      | 6709.44 | 0.001       | -0.001     | -0.043      | 0.001      | -0.008    | -0.108           | -1.296           |                                                 |  |  |         |
| 6/19/2021                          | 5900    | 5900      | 48852.77  | 32558.08                                                                                                                      | 6709.48 | 0.006       | -0.021     | 0.042       | 0.007      | -0.029    | -0.066           | -0.792           |                                                 |  |  |         |
| 6/21/2021                          | 5900    | 5900      | 48852.69  | 32558.12                                                                                                                      | 6709.47 | -0.077      | 0.034      | -0.011      | -0.070     | 0.005     | -0.077           | -0.924           |                                                 |  |  |         |
| 6/22/2021                          | 5900    | 5900      | 48852.76  | 32558.05                                                                                                                      | 6709.42 | 0.065       | -0.068     | -0.049      | -0.005     | -0.063    | -0.126           | -1.512           |                                                 |  |  |         |
| 6/23/2021                          | 5900    | 5900      | 48852.79  | 32558.13                                                                                                                      | 6709.42 | 0.027       | 0.080      | 0.000       | 0.022      | 0.017     | -0.126           | -1.512           |                                                 |  |  |         |
| 6/24/2021                          | 5900    | 5900      | 48852.74  | 32558.09                                                                                                                      | 6709.47 | -0.043      | -0.044     | 0.048       | -0.021     | -0.027    | -0.078           | -0.936           |                                                 |  |  |         |
| 6/25/2021                          | 5900    | 5900      | 48852.73  | 32558.03                                                                                                                      | 6709.40 | -0.014      | -0.052     | -0.063      | -0.035     | -0.079    | -0.141           | -1.692           |                                                 |  |  |         |
| 6/28/2021                          | 5900    | 5900      | 48852.74  | 32558.09                                                                                                                      | 6709.41 | 0.013       | 0.056      | 0.007       | -0.022     | -0.023    | -0.134           | -1.608           |                                                 |  |  |         |
| 6/29/2021                          | 5900    | 5900      | 48852.78  | 32558.10                                                                                                                      | 6709.58 | 0.042       | 0.012      | 0.171       | 0.020      | -0.011    | 0.037            | 0.444            |                                                 |  |  |         |
| 6/30/2021                          | 5900    | 5900      | 48852.80  | 32558.11                                                                                                                      | 6709.41 | 0.019       | 0.007      | -0.173      | 0.039      | -0.004    | -0.136           | -1.632           |                                                 |  |  |         |
| 7/1/2021                           | 5900    | 5900      | 48852.79  | 32558.10                                                                                                                      | 6709.40 | -0.013      | -0.004     | -0.008      | 0.026      | -0.008    | -0.144           | -1.728           |                                                 |  |  |         |
| 7/2/2021                           | 5900    | 5900      | 48852.82  | 32558.09                                                                                                                      | 6709.38 | 0.025       | -0.010     | -0.018      | 0.051      | -0.018    | -0.162           | -1.944           |                                                 |  |  |         |
| 7/5/2021                           | 5900    | 5900      | 48852.72  | 32558.08                                                                                                                      | 6709.33 | -0.093      | -0.017     | -0.050      | -0.042     | -0.035    | -0.212           | -2.544           |                                                 |  |  |         |
| 7/6/2021                           | 5900    | 5900      | 48852.75  | 32558.10                                                                                                                      | 6709.37 | 0.024       | 0.020      | 0.034       | -0.018     | -0.015    | -0.178           | -2.136           |                                                 |  |  |         |
| 7/7/2021                           | 5900    | 5900      | 48852.75  | 32558.09                                                                                                                      | 6709.36 | 0.008       | -0.010     | -0.010      | -0.010     | -0.025    | -0.188           | -2.256           |                                                 |  |  |         |
| 7/8/2021                           | 5900    | 5900      | 48852.73  | 32558.10                                                                                                                      | 6709.39 | -0.027      | 0.014      | 0.029       | -0.037     | -0.011    | -0.159           | -1.908           |                                                 |  |  |         |
| 7/8/2021                           | 5900    | 5900      | 48852.73  | 32558.08                                                                                                                      | 6709.39 | 0.003       | -0.025     | 0.004       | -0.034     | -0.036    | -0.155           | -1.860           |                                                 |  |  |         |
| 7/12/2021                          | 5900    | 5900      | 48852.80  | 32558.08                                                                                                                      | 6709.36 | 0.069       | 0.007      | -0.029      | 0.035      | -0.029    | -0.184           | -2.208           |                                                 |  |  |         |
| 7/13/2021                          | 5900    | 5900      | 48852.75  | 32558.08                                                                                                                      | 6709.36 | -0.047      | -0.001     | 0.003       | -0.012     | -0.030    | -0.181           | -2.172           |                                                 |  |  |         |
| 7/14/2021                          | 5900    | 5900      | 48852.78  | 32558.07                                                                                                                      | 6709.38 | 0.026       | -0.009     | 0.015       | 0.014      | -0.039    | -0.166           | -1.992           |                                                 |  |  |         |
| 7/15/2021                          | 5900    | 5900      | 48852.76  | 32558.07                                                                                                                      | 6709.33 | -0.017      | -0.002     | -0.045      | -0.003     | -0.041    | -0.211           | -2.532           |                                                 |  |  |         |
| 7/16/2021                          | 5900    | 5900      | 48852.74  | 32558.04                                                                                                                      | 6709.32 | -0.017      | -0.027     | -0.014      | -0.020     | -0.068    | -0.225           | -2.700           |                                                 |  |  |         |
| 3/29/2021                          | 6000    | 6000      | 48753.48  | 32545.03                                                                                                                      | 6711.00 |             |            |             |            |           |                  |                  | 0.00                                            |  |  |         |
| 4/6/2021                           | 6000    | 6000      | 48753.49  | 32545.04                                                                                                                      | 6711.01 | 0.008       | 0.007      | 0.005       | 0.008      | 0.007     | 0.005            | 0.060            |                                                 |  |  |         |
| 5/13/2021                          | 6000    | 6000      | 48753.41  | 32545.06                                                                                                                      | 6711.02 | -0.076      | 0.024      | 0.006       | -0.068     | 0.031     | 0.011            | 0.132            |                                                 |  |  |         |
| 5/18/2021                          | 6000    | 6000      | 48753.42  | 32545.06                                                                                                                      | 6711.00 | 0.010       | -0.003     | -0.014      | -0.058     | 0.028     | -0.003           | -0.036           |                                                 |  |  |         |
| 5/19/2021                          | 6000    | 6000      | 48753.47  | 32545.06                                                                                                                      | 6710.99 | 0.047       | 0.008      | -0.016      | -0.011     | 0.036     | -0.019           | -0.228           |                                                 |  |  |         |
| 5/20/2021                          | 6000    | 6000      | 48753.43  | 32545.08                                                                                                                      | 6711.00 | -0.044      | 0.020      | 0.012       | -0.055     | 0.056     | -0.007           | -0.084           |                                                 |  |  |         |
| 5/21/2021                          | 6000    | 6000      | 48753.45  | 32545.04                                                                                                                      | 6711.03 | 0.027       | -0.045     | 0.034       | -0.028     | 0.011     | 0.027            | 0.324            |                                                 |  |  |         |
| 5/24/2021                          | 6000    | 6000      | 48753.47  | 32545.05                                                                                                                      | 6711.01 | 0.014       | 0.009      | -0.025      | -0.014     | 0.020     | 0.002            | 0.024            |                                                 |  |  |         |
| 5/25/2021                          | 6000    | 6000      | 48753.50  | 32545.05                                                                                                                      | 6710.98 | 0.031       | 0.001      | -0.024      | 0.017      | 0.021     | -0.022           | -0.264           |                                                 |  |  |         |
| 5/26/2021                          | 6000    | 6000      | 48753.48  | 32545.06                                                                                                                      | 6710.98 | -0.017      | 0.007      | -0.004      | 0.000      | 0.028     | -0.026           | -0.312           |                                                 |  |  |         |
| 5/27/2021                          | 6000    | 6000      | 48753.46  | 32545.10                                                                                                                      | 6710.99 | -0.024      | 0.043      | 0.013       | -0.024     | 0.071     | -0.013           | -0.156           |                                                 |  |  |         |
| 5/28/2021                          | 6000    | 6000      | 48753.48  | 32545.06                                                                                                                      | 6710.97 | 0.028       | -0.041     | -0.019      | 0.004      | 0.030     | -0.032           | -0.384           |                                                 |  |  |         |
| 5/29/2021                          | 6000    | 6000      | 48753.45  | 32545.01                                                                                                                      | 6710.98 | -0.038      | -0.053     | 0.007       | -0.034     | -0.023    | -0.025           | -0.300           |                                                 |  |  |         |
| 6/1/2021                           | 6000    | 6000      | 48753.46  | 32545.08                                                                                                                      | 6711.04 | 0.015       | 0.074      | 0.065       | -0.019     | 0.051     | 0.040            | 0.480            |                                                 |  |  |         |
| 6/2/2021                           | 6000    | 6000      | 48753.44  | 32545.05                                                                                                                      | 6710.99 | -0.017      | -0.030     | -0.056      | -0.036     | 0.021     | -0.016           | -0.192           |                                                 |  |  |         |
| 6/3/2021                           | 6000    | 6000      | 48753.45  | 32545.03                                                                                                                      | 6710.98 | 0.009       | -0.017     | -0.009      | -0.027     | 0.004     | -0.025           | -0.300           |                                                 |  |  |         |
| 6/4/2021                           | 6000    | 6000      | 48753.44  | 32545.05                                                                                                                      | 6710.99 | -0.015      | 0.016      | 0.012       | -0.042     | 0.020     | -0.013           | -0.156           |                                                 |  |  |         |
| 6/5/2021                           | 6000    | 6000      | 48753.47  | 32545.05                                                                                                                      | 6711.02 | 0.036       | 0.004      | 0.028       | -0.006     | 0.024     | 0.015            | 0.180            |                                                 |  |  |         |
| 6/8/2021                           | 6000    | 6000      | 48753.40  | 32545.07                                                                                                                      | 6710.99 | -0.070      | 0.013      | -0.032      | -0.076     | 0.037     | -0.017           | -0.204           |                                                 |  |  |         |
| 6/9/2021                           | 6000    | 6000      | 48753.44  | 32545.09                                                                                                                      | 6710.99 | 0.035       | 0.022      | 0.001       | -0.041     | 0.059     | -0.016           | -0.192           |                                                 |  |  |         |
| 6/10/2021                          | 6000    | 6000      | 48753.36  | 32545.03                                                                                                                      | 6710.98 | -0.084      | -0.062     | -0.004      | -0.125     | -0.003    | -0.020           | -0.240           |                                                 |  |  |         |
| 6/11/2021                          | 6000    | 6000      | 48753.50  | 32545.09                                                                                                                      | 6711.01 | 0.144       | 0.061      | 0.022       | 0.019      | 0.058     | 0.002            | 0.024            |                                                 |  |  |         |
| 6/12/2021                          | 6000    | 6000      | 48753.44  | 32545.04                                                                                                                      | 6710.99 | -0.057      | -0.050     | -0.016      | -0.038     | 0.008     | -0.014           | -0.168           |                                                 |  |  |         |
| 6/14/2021                          | 6000    | 6000      | 48753.44  | 32545.06                                                                                                                      | 6711.00 | -0.005      | 0.024      | 0.008       | -0.043     | 0.032     | -0.006           | -0.072           |                                                 |  |  |         |
| 6/15/2021                          | 6000    | 6000      | 48753.42  | 32545.05                                                                                                                      | 6710.99 | -0.014      | -0.010     | -0.013      | -0.057     | 0.022     | -0.019           | -0.228           |                                                 |  |  |         |

### Table 1 - Daily Subsidence Data

[illegible]