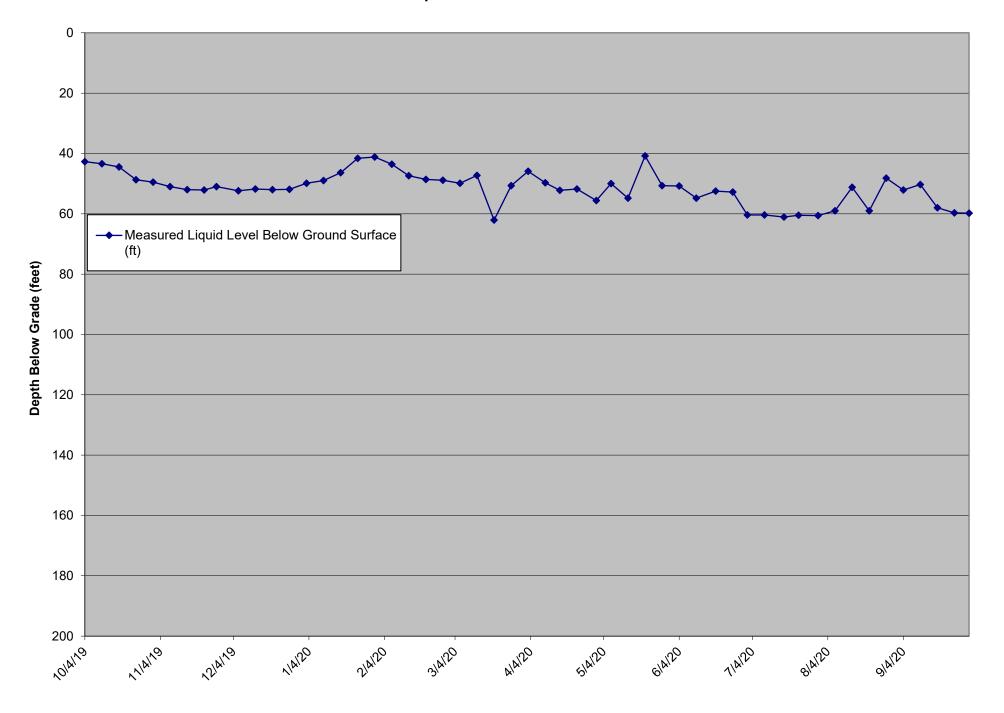
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|            | Date      | Measured Liquid  | Transducer Height | Base of Sump | Elevation of | Pump on during |                         |   |
|------------|-----------|------------------|-------------------|--------------|--------------|----------------|-------------------------|---|
|            | Reading   | Level Above      | above Floor of    | Elevation    | Leachate     | measurement?   |                         |   |
| LCS Number | Collected | Transducer (Ft.) | Quarry (Ft.)      | (Ft. MSL)    | (Ft. MSL)    | (Y/N)          | Liquid level meter used | Comments  |
| LCS- 2D    | 10/4/19   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 10/11/19  | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 10/18/19  | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 10/25/19  | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 11/1/19   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 11/8/19   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 11/15/19  | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 11/29/19  | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 12/6/19   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 12/13/19  | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 12/20/19  | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 12/27/19  | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 1/3/20    | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 1/10/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 1/17/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 1/24/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 1/31/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 2/7/20    | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 2/14/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 2/21/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 2/28/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 3/6/20    | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 3/13/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 3/20/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 3/27/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 4/3/20    | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 4/10/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 4/16/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 4/23/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 4/30/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 5/7/20    | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 5/14/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 5/21/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 5/28/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 6/4/20    | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 6/11/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 6/18/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 6/25/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 7/2/20    | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 7/9/20    | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 7/16/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 7/23/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 7/31/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 8/7/20    | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 8/14/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 8/21/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 8/28/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 9/4/20    | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 9/11/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 9/18/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 9/25/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |
| LCS- 2D    | 10/1/20   | N/A              | 14.4              | 235.92       |              | N              | Dedicated Transducer    | PCP Installed to depth of 62' BGS, failed stator, needs replacement |

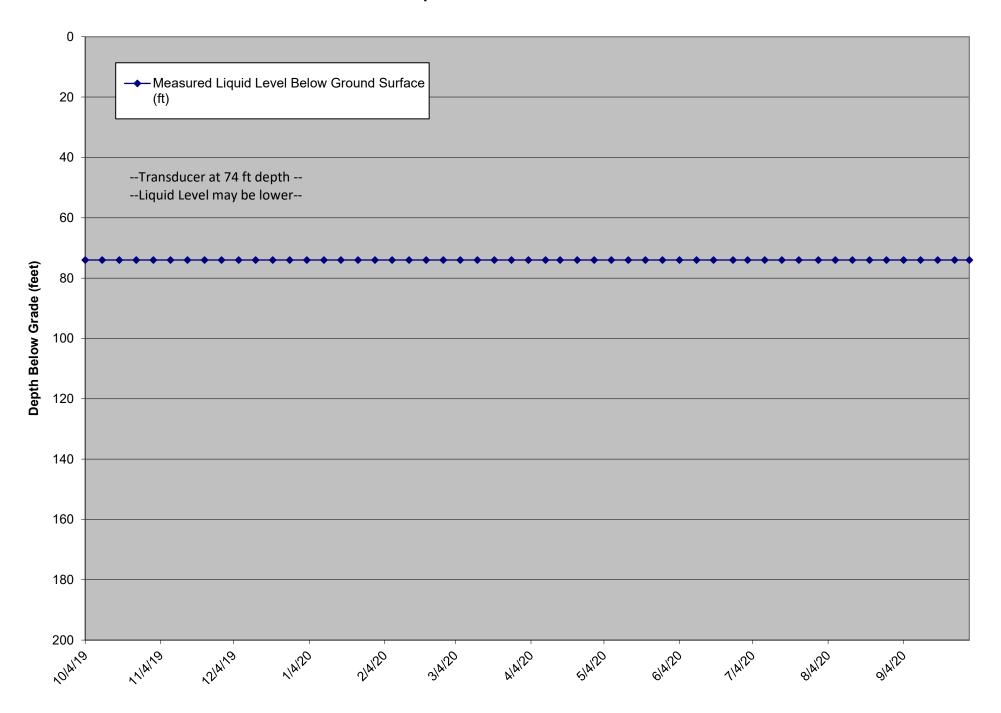
|                  |                    |                    |                    | Well Total Depth |              |                |                                  |  |
|------------------|--------------------|--------------------|--------------------|------------------|--------------|----------------|----------------------------------|--|
|                  | Date               | Measured Liquid    | Transducer Depth   | from Top of      | Elevation of | Pump on during |                                  |  |
|                  | Reading            | Level Below Ground | from Top of Casing | Casing (Ft.)     | Leachate     | measurement?   |                                  |  |
| LCS Number       | Collected          | Surface (ft)       | (Ft.)              | (Ft. MSL)        | (Ft. MSL)    | (Y/N)          | Liquid level meter used          | Comments   |
| LCS-3D           | 10/4/19            | 42.7               | N/A                | 140              |              | Υ              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 10/11/19           | 43.4               | N/A                | 140              |              | Υ              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 10/18/19           | 44.5               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 10/25/19           | 48.7               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 11/1/19            | 49.5               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 11/8/19            | 51.0               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 11/15/19           | 52.0               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 11/22/19           | 52.1               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 11/27/19           | 51.0               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 12/6/19            | 52.4               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 12/13/19           | 51.8               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 12/20/19           | 52.0               | N/A                | 140<br>140       |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 12/27/19<br>1/3/20 | 51.9               | N/A                |                  |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D<br>LCS-3D | 1/10/20            | 49.9<br>49.0       | N/A<br>N/A         | 140<br>140       |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 1/17/20            | 46.4               | N/A<br>N/A         | 140              |              | Y              | Heron Dipper T<br>Heron Dipper T | Pump operational; liquid level measured manually  Pump operational; liquid level measured manually |
| LCS-3D           | 1/17/20            | 41.6               | N/A<br>N/A         | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 1/31/20            | 41.2               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 2/7/20             | 43.6               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 2/14/20            | 47.4               | N/A                | 140              |              | · · ·          | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 2/21/20            | 48.6               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 2/28/20            | 48.9               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 3/6/20             | 49.9               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 3/13/20            | 47.3               | N/A                | 140              |              | Ϋ́             | Heron Dipper T                   | Pump operational: liquid level measured manually   |
| LCS-3D           | 3/20/20            | 62.1               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 3/27/20            | 50.7               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 4/3/20             | 45.9               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 4/10/20            | 49.7               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 4/16/20            | 52.2               | N/A                | 140              |              | Υ              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 4/23/20            | 51.8               | N/A                | 140              |              | Υ              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 5/1/20             | 55.6               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 5/7/20             | 50.0               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 5/14/20            | 54.8               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 5/21/20            | 40.8               | N/A                | 140              |              | Υ              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 5/28/20            | 50.7               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 6/4/20             | 50.8               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 6/11/20            | 54.8               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 6/19/20            | 52.5               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 6/26/20            | 52.8               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 7/2/20             | 60.4               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 7/9/20             | 60.4               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 7/17/20            | 61.1               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 7/23/20            | 60.5               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 7/31/20            | 60.6               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 8/7/20             | 59.0               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 8/14/20            | 51.2               | N/A                | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D<br>LCS-3D | 8/21/20<br>8/28/20 | 59.0<br>48.2       | N/A<br>N/A         | 140<br>140       |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D<br>LCS-3D | 9/4/20             | 48.2<br>52.1       | N/A<br>N/A         | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D<br>LCS-3D | 9/4/20             | 52.1               | N/A<br>N/A         | 140<br>140       |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually  Pump operational; liquid level measured manually |
| LCS-3D<br>LCS-3D | 9/11/20            | 50.3               | N/A<br>N/A         | 140              |              | Y              | Heron Dipper T<br>Heron Dipper T | Pump operational; liquid level measured manually  Pump operational; liquid level measured manually |
| LCS-3D<br>LCS-3D | 9/18/20            | 59.7               | N/A<br>N/A         | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LCS-3D           | 10/1/20            | 59.7               | N/A<br>N/A         | 140              |              | Y              | Heron Dipper T                   | Pump operational; liquid level measured manually   |
| LU3-3D           | 10/1/20            | 0.80               | IN/A               | 140              |              | T T            | петоп пірреі т                   | i unip operational, liquid level measured mandally   |

## LCS-3D Liquid Level Below Ground Surface



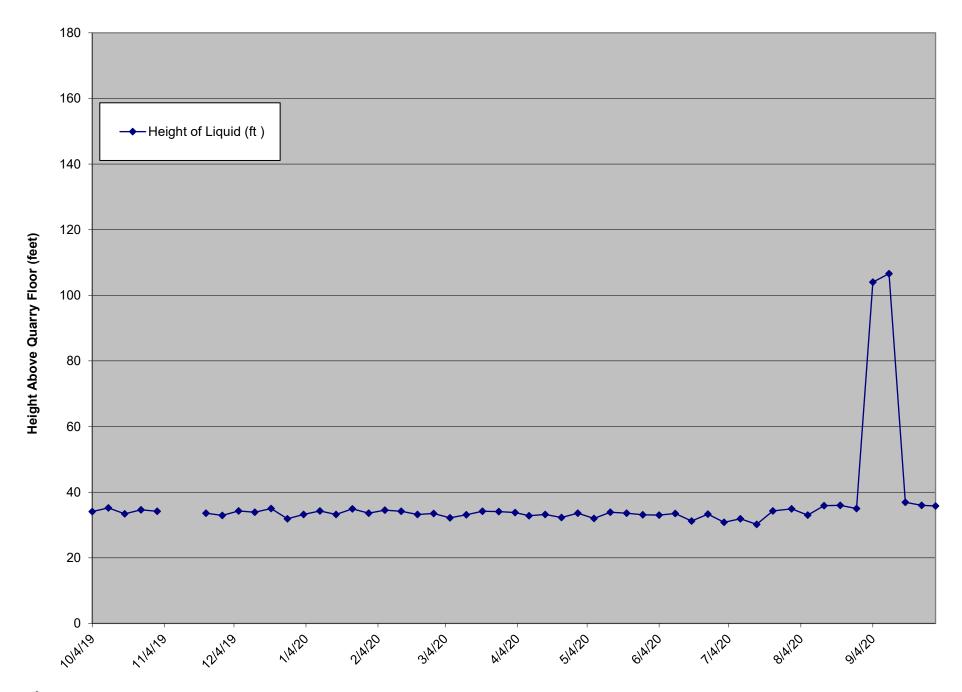
|            | Date      | Measured Liquid    | Transducer Depth   | Base of Sump | Pump on during |                         |   |
|------------|-----------|--------------------|--------------------|--------------|----------------|-------------------------|---|
|            | Reading   | Level Below Ground | from Top of Casing | Elevation    | measurement?   |                         |   |
| LCS Number | Collected | Surface (ft)       | (Ft.)              | (Ft. MSL)    | (Y/N)          | Liquid level meter used | Comments  |
| LCS- 4B    | 10/4/19   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 10/11/19  | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 10/18/19  | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 10/25/19  | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 11/1/19   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 11/8/19   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 11/15/19  | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 11/22/19  | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 11/29/19  | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 12/6/19   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 12/13/19  | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 12/20/19  | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 12/27/19  | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 1/3/20    | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 1/10/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 1/17/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 1/24/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 1/31/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 2/7/20    | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 2/14/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 2/21/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 2/28/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 3/6/20    | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 3/13/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 3/20/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 3/27/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 4/3/20    | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 4/10/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 4/16/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 4/23/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 4/30/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 5/7/20    | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 5/14/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 5/21/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 5/28/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 6/4/20    | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 6/11/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 6/18/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 6/26/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 7/2/20    | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 7/9/20    | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 7/16/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 7/23/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 7/31/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 8/7/20    | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 8/14/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 8/21/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 8/28/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 9/4/20    | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 9/11/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 9/18/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 9/25/20   | 74.0               | 81.0               | 244.00       | Y              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |
| LCS- 4B    | 10/1/20   | 74.0               | 81.0               | 244.00       | Υ              | Dedicated Transducer    | Pump operational, no flow detected, liquid level >74.0' BGS |

## LCS-4B Liquid Level Below Ground Surface



|                    |                     |                  | 1                     |                |              | 1                | 1                                     |  | 1  |
|--------------------|---------------------|------------------|-----------------------|----------------|--------------|------------------|---------------------------------------|--|--|
|                    | Date                | Measured Liquid  | Transducer Height     | Base of Sump   |              | Elevation of     | Pump on during                        |  |  |
| 10011              | Reading             | Level Above      | above Floor of Quarry | Elevation      | Height of    | Leachate         | measurement?                          |  |  |
| LCS Number         | Collected           | Transducer (Ft.) | (Ft.)                 | (Ft. MSL)      | Liquid (ft ) | (Ft. MSL)        | (Y/N)                                 | Liquid level meter used                    | Comments   |
| LCS-5B<br>LCS-5B   | 10/4/19<br>10/11/19 | 12.2<br>13.3     | 21.9<br>21.9          | 235.3<br>235.3 | 34.1<br>35.2 | 269.40<br>270.50 | Y                                     | Dedicated Transducer Dedicated Transducer  |  |
| LCS- 5B            | 10/11/19            | 11.5             | 21.9                  | 235.3          | 33.4         | 268.70           | Y                                     | Dedicated Transducer  Dedicated Transducer |  |
| LCS- 5B            | 10/16/19            | 12.7             | 21.9                  | 235.3          | 34.6         | 269.90           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 11/1/19             | 12.7             | 21.9                  | 235.3          | 34.2         | 269.50           | , , , , , , , , , , , , , , , , , , , | Dedicated Transducer                       |  |
| E00- 3B            | 11/1/13             | 12.0             | 21.5                  | 200.0          | 04.2         | 203.00           |                                       | Dedicated Transducer                       |  |
|                    |                     |                  |                       |                |              |                  |                                       |  | The transducer was observed to be non-operational on 11/6/19.    |
| LCS- 5B            | 11/8/19             |                  | 21.9                  | 235.3          |              | 235.30           | N                                     | Dedicated Transducer                       | Transducer replacement is scheduled on 11/13/19.                 |
|                    |                     |                  |                       |                |              |                  |                                       |  |  |
|                    |                     |                  |                       |                |              |                  |                                       |  | The transducer was observed to be non-operational on 11/6/19 and |
|                    |                     |                  |                       |                |              |                  |                                       |  | was replaced on 11/13/19. After transducer replacement, pump     |
|                    |                     |                  |                       |                |              |                  |                                       |  | was non-operational due to suspected frozen forcemain section.   |
| LCS-5B             | 11/15/19            |                  | 21.9                  | 235.3          |              | 235.30           | N                                     | Dedicated Transducer                       | Troubleshooting will continue the week of 11/18/19.              |
|                    |                     |                  |                       |                |              |                  |                                       |  |  |
|                    |                     |                  |                       |                |              |                  |                                       |  | The transducer was observed to be non-operational on 11/6/19 and |
|                    |                     |                  |                       |                |              |                  |                                       |  | was replaced on 11/13/19. After transducer replacement, pump     |
|                    |                     |                  |                       |                |              |                  |                                       |  | was non-operational due to suspected frozen forcemain section.   |
|                    |                     |                  |                       |                |              |                  |                                       |  | The pump and motor were replaced on 11/19/19 and LCS-5B          |
| LCS-5B             | 11/22/19            | 11.7             | 21.9                  | 235.3          | 33.6         | 268.90           | Y                                     | Dedicated Transducer                       | became fully operational.  |
| LCS-5B             | 11/29/19            | 11.0             | 21.9                  | 235.3          | 32.9         | 268.20           | Y                                     | Dedicated Transducer                       | • -  |
| LCS-5B             | 12/6/19             | 12.4             | 21.9                  | 235.3          | 34.3         | 269.60           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 12/13/19            | 12.0             | 21.9                  | 235.3          | 33.9         | 269.20           | Υ                                     | Dedicated Transducer                       |  |
| LCS-5B             | 12/20/19            | 13.1             | 21.9                  | 235.3          | 35.0         | 270.30           | Y                                     | Dedicated Transducer                       |  |
| LCS-5B             | 12/27/19            | 10.0             | 21.9                  | 235.3          | 31.9         | 267.20           | Y                                     | Dedicated Transducer                       |  |
| LCS-5B             | 1/3/20              | 11.3             | 21.9                  | 235.3          | 33.2         | 268.50           | Y                                     | Dedicated Transducer                       |  |
| LCS-5B             | 1/10/20             | 12.4             | 21.9                  | 235.3          | 34.3         | 269.60           | Υ                                     | Dedicated Transducer                       |  |
| LCS-5B             | 1/17/20             | 11.3             | 21.9                  | 235.3          | 33.2         | 268.50           | Y                                     | Dedicated Transducer                       |  |
| LCS-5B             | 1/24/20             | 13.0             | 21.9                  | 235.3          | 34.9         | 270.20           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 1/31/20             | 11.7             | 21.9                  | 235.3          | 33.6         | 268.90           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 2/7/20              | 12.6             | 21.9                  | 235.3          | 34.5         | 269.80           | Y                                     | Dedicated Transducer                       |  |
| LCS-5B             | 2/14/20             | 12.3             | 21.9                  | 235.3          | 34.2         | 269.50           | Y                                     | Dedicated Transducer                       |  |
| LCS-5B             | 2/21/20             | 11.3             | 21.9                  | 235.3          | 33.2         | 268.50           | Y                                     | Dedicated Transducer                       |  |
| LCS-5B             | 2/28/20             | 11.6             | 21.9                  | 235.3          | 33.5         | 268.80           | Y                                     | Dedicated Transducer                       |  |
| LCS-5B             | 3/6/20              | 10.3             | 21.9                  | 235.3          | 32.2         | 267.50           | Y                                     | Dedicated Transducer                       |  |
| LCS-5B             | 3/13/20             | 11.2             | 21.9                  | 235.3          | 33.1         | 268.40           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 3/20/20             | 12.3             | 21.9                  | 235.3          | 34.2         | 269.50           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 3/27/20             | 12.2             | 21.9                  | 235.3          | 34.1         | 269.40           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 4/3/20              | 11.9             | 21.9                  | 235.3          | 33.8         | 269.10           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 4/9/20              | 10.9             | 21.9                  | 235.3          | 32.8         | 268.10           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 4/16/20             | 11.3             | 21.9                  | 235.3          | 33.2         | 268.50           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 4/23/20             | 10.4             | 21.9                  | 235.3          | 32.3         | 267.60           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 4/30/20             | 11.7             | 21.9                  | 235.3          | 33.6         | 268.90           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 5/7/20              | 10.1             | 21.9                  | 235.3          | 32.0         | 267.30           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 5/14/20             | 12.0             | 21.9                  | 235.3          | 33.9         | 269.20           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 5/21/20             | 11.7             | 21.9                  | 235.3          | 33.6         | 268.90           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 5/28/20             | 11.2             | 21.9                  | 235.3          | 33.1         | 268.40           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B            | 6/4/20              | 11.1             | 21.9                  | 235.3          | 33.0         | 268.30           |                                       | Dedicated Transducer                       |  |
| LCS- 5B            | 6/11/20             | 11.6             | 21.9                  | 235.3          | 33.5         | 268.80           | Y                                     | Dedicated Transducer                       |  |
| LCS- 5B<br>LCS- 5B | 6/18/20<br>6/25/20  | 9.3<br>11.4      | 21.9<br>21.9          | 235.3<br>235.3 | 31.2<br>33.3 | 266.50<br>268.60 | Y                                     | Dedicated Transducer Dedicated Transducer  |  |
| LCS-5B<br>LCS-5B   | 7/2/20              | 11.4<br>8.9      | 21.9                  | 235.3          | 33.3         | 266.10           | Y                                     | Dedicated Transducer  Dedicated Transducer |  |
| LCS- 5B            | 7/2/20              | 8.9<br>10.0      | 21.9                  | 235.3          | 30.8         | 267.20           | Y                                     | Dedicated Transducer  Dedicated Transducer |  |
| LCS- 5B            | 7/9/20              | 10.0<br>8.3      | 21.9                  | 235.3          | 31.9         | 267.20           | Y                                     | Dedicated Transducer  Dedicated Transducer |  |
| LCS- 5B            | 7/16/20             | 12.4             | 21.9                  | 235.3          | 34.3         | 269.60           | Y                                     | Dedicated Transducer  Dedicated Transducer |  |
| LCS- 5B            | 7/31/20             | 13.0             | 21.9                  | 235.3          | 34.3         | 270.20           | Y                                     | Dedicated Transducer  Dedicated Transducer |  |
| LCS- 5B            | 8/7/20              | 11.1             | 21.9                  | 235.3          | 33.0         | 268.30           | Y                                     | Dedicated Transducer  Dedicated Transducer |  |
| LCS- 5B            | 8/14/20             | 14.0             | 21.9                  | 235.3          | 35.9         | 271.20           | Y                                     | Dedicated Transducer  Dedicated Transducer |  |
| LCS- 5B            | 8/14/20             | 14.1             | 21.9                  | 235.3          | 36.0         | 271.20           | Y                                     | Dedicated Transducer  Dedicated Transducer |  |
| LCS- 5B            | 8/28/20             | 13.1             | 21.9                  | 235.3          | 35.0         | 271.30           | Y                                     | Dedicated Transducer                       | <del> </del>   |
| E00- 0D            | 0/20/20             | 10.1             | 21.3                  | 200.0          | 55.0         | 210.00           | <u> </u>                              | Douloutou Halloudel                        | The LCS-5B pump was turned off on 8/31/20 for forcemain repairs  |
| 1                  |                     |                  |                       |                |              |                  |                                       |  | Forcemain repairs are anticipated to be completed the week of    |
| LCS- 5B            | 9/4/20              | 82.1             | 21.9                  | 235.3          | 104.0        | 339.30           | N                                     | Dedicated Transducer                       | 9/7/20.  |
| E00- 0D            | 317120              | UZ. I            | 21.3                  | 200.0          | 104.0        | 555.50           | 1.4                                   | Douloutou Halloudel                        | The LCS-5B pump was turned off on 8/31/20 for forcemain repairs. |
| 1                  |                     |                  |                       |                |              | 1                |                                       |  | Forcemain repairs are anticipated to be completed the week of    |
| LCS- 5B            | 9/11/20             | 84.7             | 21.9                  | 235.3          | 106.6        | 341.90           | N                                     | Dedicated Transducer                       | 9/7/20.  |
| LCG= 3D            | 3/11/20             | 04.1             | 21.3                  | 200.0          | 100.0        | J41.5U           | IN                                    | Douitateu Hansdutel                        | The LCS-5B pump was replaced on 9/17/20 and was fully            |
| LCS- 5B            | 9/18/20             | 15.0             | 21.9                  | 235.3          | 36.9         | 272.20           | Y                                     | Dedicated Transducer                       | operational.   |
| E00- 0D            | 3/ 10/20            | 10.0             | 21.3                  | 200.0          | 55.5         | 212.20           | <del>'</del>                          | Doubleton Hansuudel                        | The LCS-5B transducer was found to be non-operational on         |
| 1                  |                     |                  |                       |                |              |                  |                                       |  | 9/21/20. The transducer was replaced on 9/24/20 and was fully    |
| LCS- 5B            | 9/25/20             | 14.1             | 21.9                  | 235.3          | 36.0         | 271.30           | Y                                     | Dedicated Transducer                       | operational.   |
| LCS- 5B            | 10/1/20             | 13.9             | 21.9                  | 235.3          | 35.8         | 271.10           | Y                                     | Dedicated Transducer                       |  |
|                    | 10/1/20             | 10.0             |                       | 200.0          | 00.0         |                  |                                       |  | 1  |

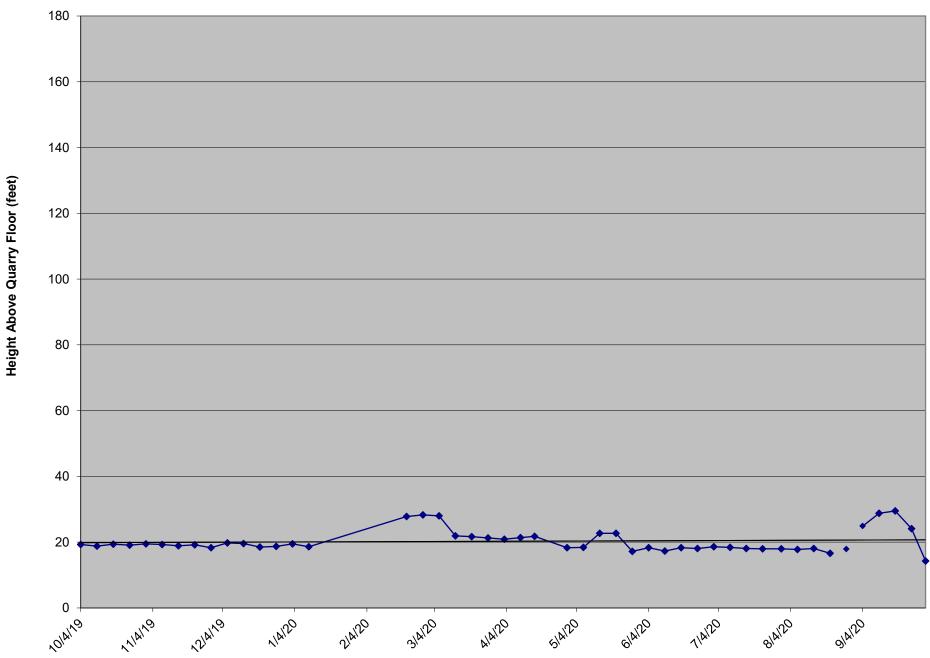
## LCS-5B Liquid Level Above Quarry Floor



<sup>\*</sup>The transducer in LCS-5B was down from 11/6/19 to 11/19/19 The LCS-5B pump was turned off on 8/31/20 for forecmain repairs leading to an increase in liquid level. The pump was replaced on 9/17/20.

|            | Date                 |      | Transducer Height              | Base of Sump           |                           | Elevation of          | Pump on during        |  |  |
|------------|----------------------|------|--------------------------------|------------------------|---------------------------|-----------------------|-----------------------|--|--|
| LCS Number | Reading<br>Collected | v    | above Floor of<br>Quarry (Ft.) | Elevation<br>(Ft. MSL) | Height of<br>Liquid (ft ) | Leachate<br>(Ft. MSL) | measurement?<br>(Y/N) | Liquid level meter used                    | Comments   |
| LCS- 6B    | 10/4/19              | 9.9  | 9.4                            | 429.52                 | 19.3                      | 448.82                | Υ Υ                   | Dedicated Transducer                       |  |
| LCS- 6B    | 10/11/19             | 9.4  | 9.4                            | 429.52                 | 18.8                      | 448.32                | Ý                     | Dedicated Transducer                       |  |
| LCS- 6B    | 10/18/19             | 10.0 | 9.4                            | 429.52                 | 19.4                      | 448.92                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 10/25/19             | 9.7  | 9.4                            | 429.52                 | 19.1                      | 448.62                | Ý                     | Dedicated Transducer                       |  |
| LCS- 6B    | 11/1/19              | 10.1 | 9.4                            | 429.52                 | 19.5                      | 449.02                | Ÿ                     | Dedicated Transducer                       | <u> </u>   |
| LCS- 6B    | 11/8/19              | 9.9  | 9.4                            | 429.52                 | 19.3                      | 448.82                | Ÿ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 11/15/19             | 9.5  | 9.4                            | 429.52                 | 18.9                      | 448.42                | Ÿ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 11/22/19             | 9.8  | 9.4                            | 429.52                 | 19.2                      | 448.72                | Ÿ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 11/22/19             | 8.9  | 9.4                            | 429.52                 | 18.3                      | 447.82                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    |                      | 10.4 | 9.4                            | 429.52                 | 19.8                      | 449.32                | Y                     |  |  |
|            | 12/6/19              |      |                                |                        |                           |                       | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 12/13/19             | 10.2 | 9.4                            | 429.52                 | 19.6                      | 449.12                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 12/20/19             | 9.1  | 9.4                            | 429.52                 | 18.5                      | 448.02                |                       | Dedicated Transducer                       |  |
| LCS- 6B    | 12/27/19             | 9.3  | 9.4                            | 429.52                 | 18.7                      | 448.22                | Υ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 1/3/20               | 10.1 | 9.4                            | 429.52                 | 19.5                      | 449.02                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 1/10/20              | 9.2  | 9.4                            | 429.52                 | 18.6                      | 448.12                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 1/17/20              |      | 9.4                            | 429.52                 |                           |                       | N                     | Dedicated Transducer                       | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement is pending replacement parts arrival.  |
| LCS- 6B    | 1/24/20              |      | 9.4                            | 429.52                 |                           |                       | N                     | Dedicated Transducer                       | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement is pending replacement parts arrival.  |
| LCS- 6B    | 1/31/20              |      | 9.4                            | 429.52                 |                           |                       | N                     | Dedicated Transducer                       | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement is pending replacement parts arrival.  |
| LCS- 6B    | 2/7/20               |      | 9.4                            | 429.52                 |                           |                       | N                     | Dedicated Transducer                       | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement is pending replacement parts arrival.  |
| LCS- 6B    | 2/14/20              |      | 9.4                            | 429.52                 |                           |                       | N                     | Dedicated Transducer                       | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement is pending replacement parts arrival.  |
| LCS- 6B    | 2/21/20              | N/A  | 9.4<br>N/A                     | 429.52                 | 27.8                      | 457.32                | N N                   | Heron Dipper T                             | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement is pending replacement parts arrival. Liquid level was measured manually.  |
| LCS- 6B    | 2/2 1/20             | N/A  | IN/A                           | 429.52                 | 21.0                      | 457.32                | IN .                  | Herori Dipper 1                            |  |
| LCS- 6B    | 2/28/20              | N/A  | N/A                            | 429.52                 | 28.3                      | 457.82                | N                     | Heron Dipper T                             | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement is tentatively scheduled the week of 3/9/20. Liquid level was measured manually.   |
| LCS- 6B    | 3/6/20               | N/A  | N/A                            | 429.52                 | 28.0                      | 457.52                | N                     | Heron Dipper T                             | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement is scheduled for 3/11/20. Liquid level was measured manually.  |
| LCS- 6B    | 3/13/20              | 40.5 | 9.4                            | 400.50                 |                           | 454.40                | .,                    | 5  | The LCS-6B transducer was replaced on 3/11/20 and the pump became fully operational. The LCS-<br>6B pump was observed to be non-operational on 3/12/20. The LCS-6B pump was replaced on<br>3/13/20. LCS-6B became fully operational on 3/13/20.  |
|            |                      | 12.5 |                                | 429.52                 | 21.9                      | 451.42                | Y                     | Dedicated Transducer                       | 3/13/20. EG3-66 became runy operational on 3/13/20.  |
| LCS- 6B    | 3/20/20              | 12.3 | 9.4                            | 429.52                 | 21.7                      | 451.22                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 3/27/20              | 11.9 | 9.4                            | 429.52                 | 21.3                      | 450.82                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 4/3/20               | 11.5 | 9.4                            | 429.52                 | 20.9                      | 450.42                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 4/10/20              | 12.0 | 9.4                            | 429.52                 | 21.4                      | 450.92                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 4/16/20              | 12.4 | 9.4                            | 429.52                 | 21.8                      | 451.32                | Υ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 4/23/20              |      | 9.4                            | 429.52                 |                           |                       | Y                     | Dedicated Transducer                       | The LCS-6B VFD was observed to be non-operational on 4/23/20. The VFD was replaced on 4/23/20 and LCS-6B became fully operational. A level sensor reading was not collected during the weekly reporting period due to VFD communication loss with the site's SCADA system.   |
| LCS- 6B    | 4/30/20              | 8.9  | 9.4                            | 429.52                 | 18.3                      | 447.82                | Ϋ́                    | Dedicated Transducer                       | ,  |
| LCS- 6B    | 5/7/20               | 9.0  | 9.4                            | 429.52                 | 18.4                      | 447.92                | Ÿ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 5/14/20              | 13.3 | 9.4                            | 429.52                 | 22.7                      | 452.22                | Ÿ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 5/21/20              | 13.3 | 9.4                            | 429.52                 | 22.7                      | 452.22                | Ÿ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 5/28/20              | 7.8  | 9.4                            | 429.52                 | 17.2                      | 446.72                | Ÿ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 6/4/20               | 8.9  | 9.4                            | 429.52                 | 18.3                      | 447.82                | Ÿ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 6/11/20              | 7.9  | 9.4                            | 429.52<br>429.52       | 17.3                      | 447.82                | ı<br>V                | Dedicated Transducer  Dedicated Transducer |  |
|            |                      |      |                                |                        |                           |                       | Y                     |  |  |
| LCS- 6B    | 6/18/20              | 8.9  | 9.4                            | 429.52                 | 18.3                      | 447.82<br>447.62      | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 6/25/20              | 8.7  | 9.4                            | 429.52                 | 18.1                      |                       |                       | Dedicated Transducer                       |  |
| LCS- 6B    | 7/2/20               | 9.2  | 9.4                            | 429.52                 | 18.6                      | 448.12                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 7/9/20               | 9.0  | 9.4                            | 429.52                 | 18.4                      | 447.92                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 7/16/20              | 8.7  | 9.4                            | 429.52                 | 18.1                      | 447.62                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 7/23/20              | 8.6  | 9.4                            | 429.52                 | 18.0                      | 447.52                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 7/31/20              | 8.6  | 9.4                            | 429.52                 | 18.0                      | 447.52                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 8/7/20               | 8.4  | 9.4                            | 429.52                 | 17.8                      | 447.32                | Υ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 8/14/20              | 8.7  | 9.4                            | 429.52                 | 18.1                      | 447.62                | Υ                     | Dedicated Transducer                       |  |
| LCS- 6B    | 8/21/20              | 7.2  | 9.4                            | 429.52                 | 16.6                      | 446.12                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 8/28/20              | 8.5  | 9.4                            | 429.52                 | 17.9                      | 447.42                | Y                     | Dedicated Transducer                       |  |
| LCS- 6B    | 9/4/20               | 15.5 | 9.4                            | 429.52                 | 24.9                      | 454.42                | N                     | Dedicated Transducer                       | The LCS-6B pump was turned off on 8/31/20 for forcemain repairs. Forcemain repairs are anticipated to be completed the week of 9/7/20.   |
| LCS- 6B    | 9/11/20              | 19.4 | 9.4                            | 429.52                 | 28.8                      | 458.32                | N                     | Dedicated Transducer                       | The LCS-6B pump was turned off on 8/31/20 for forcemain repairs. Forcemain repairs are anticipated to be completed the week of 9/7/20.   |
|            | 57.7725              | 10.1 | 5                              | 120.02                 | 20.0                      | 100.02                |                       | source remodibil                           | The LCS-6B pump was turned off on 8/31/20 for forcemain repairs. Forcemain repairs were  |
| LCS- 6B    | 9/18/20              | 20.1 | 9.4                            | 429.52                 | 29.5                      | 459.02                | N                     | Dedicated Transducer                       | completed on 9/9/20. The pump in LCS-6B was non-operational when attempts were made to turn it back on after forcemain repairs. Pump repairs are tentatively scheduled for the week of 9/21/20.  |
| LCS- 6B    | 9/25/20              | N/A  | N/A                            | 429.52                 | 24.1                      | 453.62                | N                     | Heron Dipper T                             | The LCS-6B pump was turned off on 8/31/20 for forcemain repairs. Forcemain repairs were completed on 9/9/20. The pump in LCS-6B was non-operational when attempts were made to turn it back on after forcemain repairs. The electric pump in LCS-6B will be converted to a pneumatic pump the week of 9/28/20. Liquid level was measured manually. |
| LCS- 6B    | 10/1/20              | N/A  | N/A                            | 429.52                 | 14.3                      | 443.82                | ν                     | Heron Dipper T                             | The electric pump in LCS-6B was converted to a pneumatic pump on 9/30/20. Liquid level was measured manually.  |
| FC9- 0B    | 10/1/20              | N/A  | IN/A                           | 429.52                 | 14.3                      | 443.8∠                | Y                     | Heron Dipper I                             | measured manually.   |

## LCS-6B Liquid Level Above Quarry Floor



The transducer became non-operational on 1/13/20. Liquid level was measured manually on 2/21/20, 2/28/20 and 3/6/20. The transducer became operational on 3/13/20. The VFD was observed to be non-operational on 4/23/20, it was replaced on 4/23/20, however the level sensor reading was not taken due to VFD communication loss with SCADA. The LCS-6B pump was turned off on 8/31/20 for forcemain repairs leading to an increase in liquid level. The electric pump was converted to a pneumatic pump on 9/30/20.