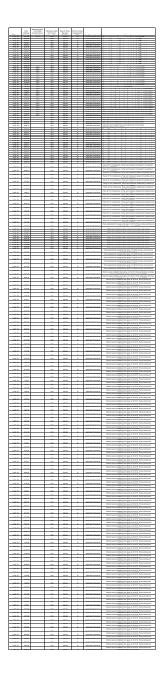
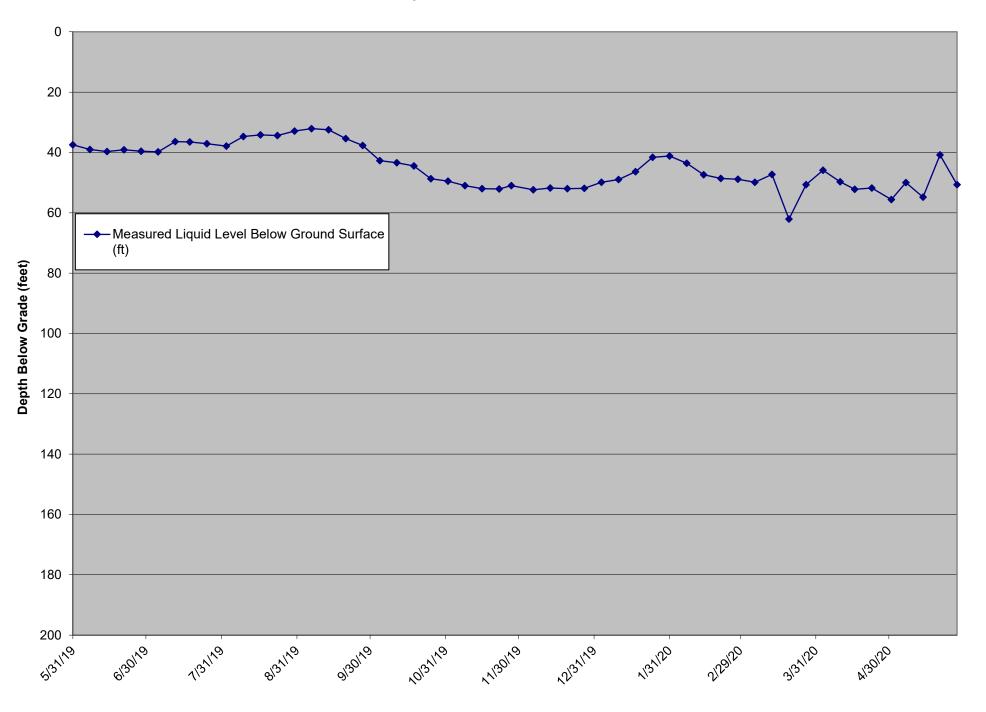
| | Date | Measured Liquid | Transducer Depth | Well Total Depth from Top of | Elevation of | Pump on during | | |
|------------------|-------------------|--------------------|--------------------|---------------------------------|--------------|----------------|-------------------------|--|
| | Reading | 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 | 5/31/19 | 37.5 | N/A | 140 | (| Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 6/7/19 | 39.0 | N/A | 140 | | Ý | Heron Dipper T | Pump operational: liquid level measured manually |
| LCS-3D | 6/14/19 | 39.7 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 6/21/19 | 39.1 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 6/28/19 | 39.6 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 7/5/19 | 39.8 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 7/12/19 | 36.4 | N/A | 140 | | Ý | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 7/18/19 | 36.5 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 7/25/19 | 37.1 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 8/2/19 | 37.9 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 8/9/19 | 34.7 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 8/16/19 | 34.2 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 8/23/19 | 34.2 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| | | 32.9 | | | | Y | | |
| LCS-3D LCS-3D | 8/30/19 9/6/19 | 32.9 | N/A N/A | 140 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| | | | | | | Y Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 9/13/19 | 32.5 | N/A | 140 | | Y Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 9/20/19 | 35.4 | N/A | 140 | | | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 9/27/19 | 37.7 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 10/4/19 | 42.7 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 10/11/19 | 43.4 | N/A | 140 | | Y | 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 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 12/27/19 | 51.9 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 1/3/20 | 49.9 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 1/10/20 | 49.0 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 1/17/20 | 46.4 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 1/24/20 | 41.6 | 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 | | Y | 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 | | Y | 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 | | Ŷ | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 4/23/20 | 51.8 | N/A | 140 | | Ŷ | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 5/1/20 | 55.6 | N/A | 140 | | Ŷ | Heron Dipper T | Pump operational; liquid level measured manually |
| LCS-3D | 5/7/20 | 50.0 | N/A | 140 | | Ŷ | 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 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |
| 200 00 | 5/28/20 | 50.7 | N/A | 140 | | Y | Heron Dipper T | Pump operational; liquid level measured manually |

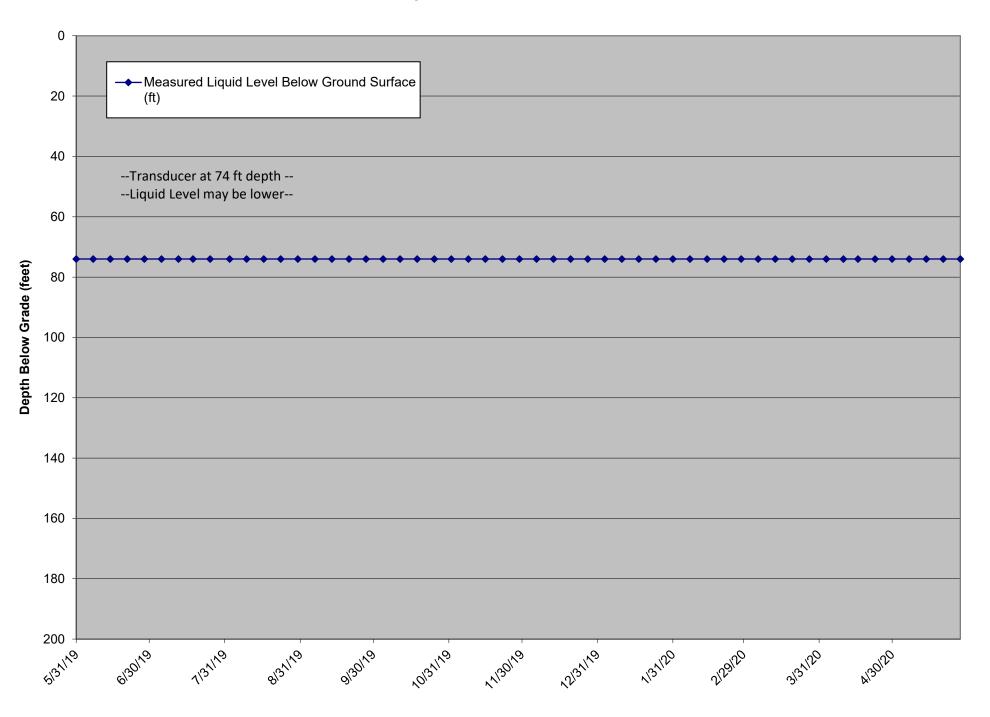


| | Date | Measured Liquid | Transducer Height | Base of Sump | Elevation of | Pump on during | | |
|------------|-----------|------------------|-------------------|--------------|--------------|----------------|-------------------------|---|
| | Reading | Level Above | above Floor of | Elevation | Leachate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



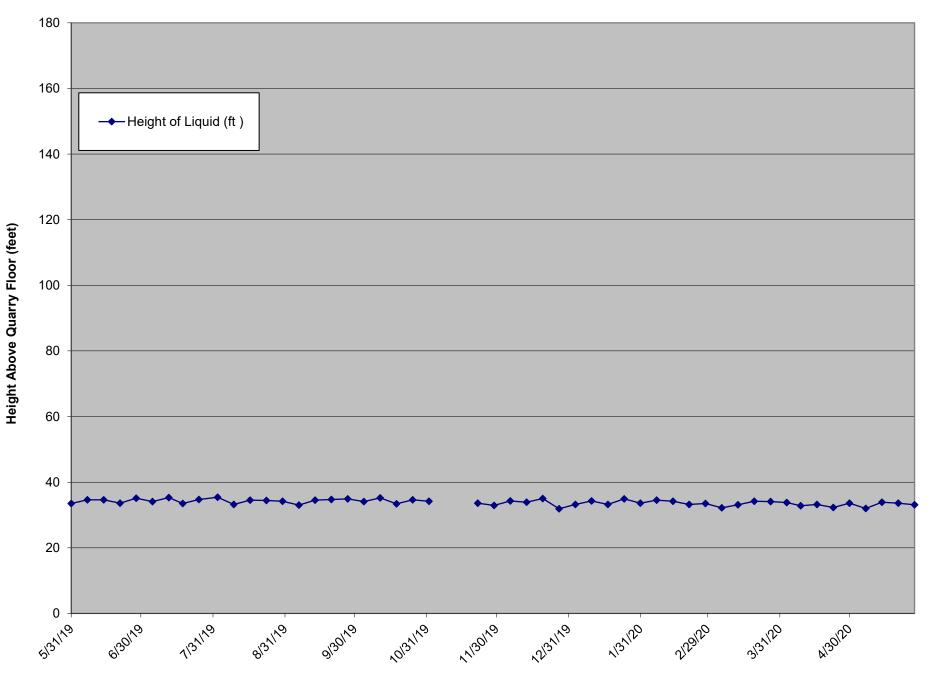
| | Date | Measured Liquid | Transducer Depth | Base of Sump | Pump on during | | |
|--------------------|---------------------|--------------------|--------------------|------------------|----------------|-------------------------|---|
| | Reading | Level Below Ground | from Top of Casing | Elevation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

LCS-4B Liquid Level Below Ground Surface



| - | | 1 | n | | | | | | |
|--------------------|-----------|------------------|-------------------|----------------|--------------|--------------|----------------|-------------------------|---|
| | Date | Measured Liquid | Transducer Height | Base of Sump | | Elevation of | Pump on during | | |
| | Reading | Level Above | above Floor of | Elevation | Height of | Leachate | measurement? | | |
| LCS Number | Collected | Transducer (Ft.) | Quarry (Ft.) | (Ft. MSL) | Liquid (ft) | (Ft. MSL) | (Y/N) | Liquid level meter used | Comments |
| LCS- 5B | 5/31/19 | 11.6 | 21.9 | 235.3 | 33.5 | 268.80 | Y | Dedicated Transducer | |
| LCS- 5B | 6/7/19 | 12.7 | 21.9 | 235.3 | 34.6 | 269.90 | Y | Dedicated Transducer | |
| LCS- 5B | 6/14/19 | 12.7 | 21.9 | 235.3 | 34.6 | 269.90 | Y | Dedicated Transducer | |
| LCS- 5B | 6/21/19 | 11.7 | 21.9 | 235.3 | 33.6 | 268.90 | Y | Dedicated Transducer | |
| LCS- 5B | 6/28/19 | 13.2 | 21.9 | 235.3 | 35.1 | 270.40 | Y | Dedicated Transducer | |
| LCS- 5B | 7/5/19 | 12.2 | 21.9 | 235.3 | 34.1 | 269.40 | Ý | Dedicated Transducer | |
| LCS- 5B | 7/12/19 | 13.4 | 21.9 | 235.3 | 35.3 | 270.60 | Ý | Dedicated Transducer | |
| LCS- 5B | 7/18/19 | 11.6 | 21.9 | 235.3 | 33.5 | 268.80 | Ŷ | Dedicated Transducer | |
| LCS- 5B | 7/25/19 | 12.8 | 21.9 | 235.3 | 34.7 | 270.00 | Ŷ | Dedicated Transducer | |
| LCS- 5B | 8/2/19 | 13.5 | 21.9 | 235.3 | 35.4 | 270.70 | Y | Dedicated Transducer | |
| LCS- 5B | 8/9/19 | 11.3 | 21.9 | 235.3 | 33.2 | 268.50 | Y | Dedicated Transducer | |
| LCS- 5B | 8/16/19 | 12.6 | 21.9 | 235.3 | 34.5 | 269.80 | Y | Dedicated Transducer | |
| LCS- 5B | 8/23/19 | 12.5 | 21.9 | 235.3 | 34.4 | 269.70 | Y | Dedicated Transducer | |
| | 8/30/19 | 12.5 | 21.9 | 235.3 | 34.4 | 269.50 | r Y | Dedicated Transducer | |
| LCS- 5B LCS- 5B | 9/6/19 | 12.5 | 21.9 | 235.3 | 34.2 | 269.50 | r Y | | |
| | 9/13/19 | 12.6 | 21.9 | 235.3 | 34.5 | 269.80 | T Y | Dedicated Transducer | |
| LCS- 5B | | | | | | | | Dedicated Transducer | |
| LCS- 5B | 9/20/19 | 12.8 | 21.9 | 235.3 | 34.7 | 270.00 | Y | Dedicated Transducer | |
| LCS- 5B | 9/27/19 | 13.0 | 21.9 | 235.3 | 34.9 | 270.20 | Y | Dedicated Transducer | |
| LCS- 5B | 10/4/19 | 12.2 | 21.9 | 235.3 | 34.1 | 269.40 | Y | Dedicated Transducer | |
| LCS- 5B | 10/11/19 | 13.3 | 21.9 | 235.3 | 35.2 | 270.50 | Y | Dedicated Transducer | |
| LCS- 5B | 10/18/19 | 11.5 | 21.9 | 235.3 | 33.4 | 268.70 | Y | Dedicated Transducer | |
| LCS- 5B | 10/25/19 | 12.7 | 21.9 | 235.3 | 34.6 | 269.90 | Y | Dedicated Transducer | |
| LCS- 5B | 11/1/19 | 12.3 | 21.9 | 235.3 | 34.2 | 269.50 | Y | 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. |
| LCS- 5B | 11/15/19 | | 21.9 | 235.3 | | 235.30 | Ν | Dedicated Transducer | The transducer was observed to be non-operational on 11/6/19 and was replaced on 11/1/3/19. After transducer replacement, pump was non-operational due to suspected frozen forcemain section. Troubleshooting will continue the week of 11/18/19. |
| | 44/00/40 | 44.7 | 01.0 | 005.0 | 22.0 | 000.00 | × × | De di sta d'Esseradores | The transducer was observed to be non-operational on 11/6/19 and was replaced on 11/1/3/19. 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 |
| LCS- 5B | 11/22/19 | 11.7 | 21.9 | 235.3 | 33.6 | 268.90 | Y | Dedicated Transducer | 5B 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 | Y | 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 | Y | 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 | Ý | Dedicated Transducer | 1 |
| 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 | Ý | Dedicated Transducer | |
| LCS- 5B | 4/23/20 | 10.4 | 21.9 | 235.3 | 32.3 | 267.60 | Y | Dedicated Transducer | 1 |
| LCS- 5B | 4/23/20 | 10.4 | 21.9 | 235.3 | 33.6 | 268.90 | Y | Dedicated Transducer | |
| LCS- 5B LCS- 5B | 5/7/20 | 10.1 | 21.9 | 235.3 | 32.0 | 268.90 | Y | Dedicated Transducer | 1 |
| LCS- 5B LCS- 5B | 5/7/20 | 10.1 | 21.9 | | 32.0 | 267.30 | Y Y | | |
| | 5/14/20 | 12.0 | 21.9 | 235.3 235.3 | 33.9 33.6 | 269.20 | Y Y | Dedicated Transducer | |
| LCS- 5B LCS- 5B | | | | | | | Y Y | Dedicated Transducer | |
| | 5/28/20 | 11.2 | 21.9 | 235.3 | 33.1 | 268.40 | Ϋ́ | Dedicated Transducer | |

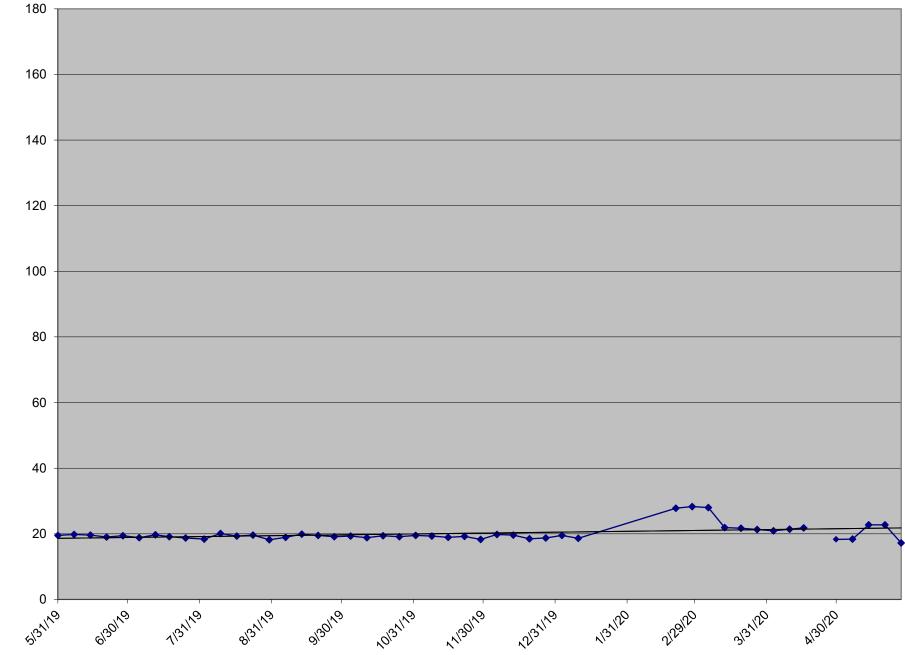
LCS-5B Liquid Level Above Quarry Floor



*The transducer in LCS-5B was down from 11/6/19 to 11/19/19.

| | Date | | Transducer Height | Base of Sump | | Elevation of | Pump on during | | |
|--------------------|-------------------|-------------|-------------------|------------------|--------------|--------------|----------------|--|--|
| LOO Northern | Reading | | above Floor of | Elevation | Height of | Leachate | measurement? | I found at the section sets in some of | 0t |
| LCS Number | Collected | V | Quarry (Ft.) | (Ft. MSL) | Liquid (ft) | (Ft. MSL) | (Y/N) | Liquid level meter used | Comments |
| LCS- 6B | 5/31/19 | 10.1 | 9.4 | 429.52 | 19.5 | 449.02 | Y Y | Dedicated Transducer | |
| LCS-6B | 6/7/19 | 10.4 | 9.4 | 429.52 | 19.8 | 449.32 | Y Y | Dedicated Transducer | |
| LCS- 6B LCS- 6B | 6/14/19 | 10.2 | 9.4 9.4 | 429.52 | 19.6 | 449.12 | Y Y | Dedicated Transducer | |
| | 6/21/19 | 9.6 | 9.4 | 429.52 429.52 | 19.0 19.4 | 448.52 | | Dedicated Transducer | |
| LCS-6B | 6/28/19 | 10.0 | | | | 448.92 | Y | Dedicated Transducer | |
| LCS-6B | 7/5/19 | 9.4 | 9.4 | 429.52 | 18.8 | 448.32 | Y | Dedicated Transducer | |
| LCS- 6B | 7/12/19 | 10.3 | 9.4 | 429.52 | 19.7 | 449.22 | Y | Dedicated Transducer | |
| LCS-6B | 7/18/19 | 9.7 | 9.4 | 429.52 | 19.1 | 448.62 | Y | Dedicated Transducer | |
| LCS-6B | 7/25/19 | 9.3 | 9.4 | 429.52 | 18.7 | 448.22 | Y | Dedicated Transducer | |
| LCS- 6B | 8/2/19 | 9.0 | 9.4 | 429.52 | 18.4 | 447.92 | Y | Dedicated Transducer | |
| LCS-6B | 8/9/19 | 10.7 | 9.4 | 429.52 | 20.1 | 449.62 | Y | Dedicated Transducer | |
| LCS-6B | 8/16/19 | 9.9 | 9.4 | 429.52 | 19.3 | 448.82 | Y | Dedicated Transducer | |
| LCS-6B | 8/23/19 | 10.2 | 9.4 | 429.52 | 19.6 | 449.12 | Y | Dedicated Transducer | |
| LCS- 6B | 8/30/19 | 8.8 | 9.4 | 429.52 | 18.2 | 447.72 | Y | Dedicated Transducer | |
| LCS- 6B | 9/6/19 | 9.5 | 9.4 | 429.52 | 18.9 | 448.42 | Y | Dedicated Transducer | |
| LCS-6B | 9/13/19 | 10.5 | 9.4 | 429.52 | 19.9 | 449.42 | Y | Dedicated Transducer | |
| LCS- 6B | 9/20/19 | 10.1 | 9.4 | 429.52 | 19.5 | 449.02 | Y | Dedicated Transducer | |
| LCS-6B | 9/27/19 | 9.7 | 9.4 | 429.52 | 19.1 | 448.62 | Y | Dedicated Transducer | |
| LCS-6B | 10/4/19 | 9.9 | 9.4 | 429.52 | 19.3 | 448.82 | Y | Dedicated Transducer | |
| LCS- 6B | 10/11/19 | 9.4 | 9.4 | 429.52 | 18.8 | 448.32 | Y | 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 | Y | Dedicated Transducer | |
| LCS-6B | 11/1/19 | 10.1 | 9.4 | 429.52 | 19.5 | 449.02 | Y | Dedicated Transducer | |
| LCS- 6B | 11/8/19 | 9.9 | 9.4 | 429.52 | 19.3 | 448.82 | Y | Dedicated Transducer | |
| LCS- 6B | 11/15/19 | 9.5 | 9.4 | 429.52 | 18.9 | 448.42 | Y | Dedicated Transducer | |
| LCS- 6B | 11/22/19 | 9.8 | 9.4 | 429.52 | 19.2 | 448.72 | Y | Dedicated Transducer | |
| LCS- 6B | 11/29/19 | 8.9 | 9.4 | 429.52 | 18.3 | 447.82 | Y | Dedicated Transducer | |
| LCS- 6B | 12/6/19 | 10.4 | 9.4 | 429.52 | 19.8 | 449.32 | 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 | Y | Dedicated Transducer | |
| LCS- 6B | 12/27/19 | 9.3 | 9.4 | 429.52 | 18.7 | 448.22 | Y | 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 | |
| | | | | | | | | | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement |
| LCS- 6B | 1/17/20 | | 9.4 | 429.52 | | | N | Dedicated Transducer | is pending replacement parts arrival. |
| | | | | | | | | | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement |
| LCS- 6B | 1/24/20 | | 9.4 | 429.52 | | | N | Dedicated Transducer | is pending replacement parts arrival. |
| | | | | | | | | | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement |
| LCS- 6B | 1/31/20 | | 9.4 | 429.52 | | | N | Dedicated Transducer | is pending replacement parts arrival. |
| | | | | | | | | | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement |
| LCS- 6B | 2/7/20 | | 9.4 | 429.52 | | | N | Dedicated Transducer | is pending replacement parts arrival. |
| | | | | | | | | | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement |
| LCS- 6B | 2/14/20 | | 9.4 | 429.52 | | | N | Dedicated Transducer | is pending replacement parts arrival. |
| | | | | | | | | | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement |
| LCS- 6B | 2/21/20 | N/A | N/A | 429.52 | 27.8 | 457.32 | N | Heron Dipper T | is pending replacement parts arrival. Liquid level was measured manually. |
| | | | | | - | | | | |
| | | | | | | | | | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement |
| LCS-6B | 2/28/20 | N/A | N/A | 429.52 | 28.3 | 457.82 | Ν | Heron Dipper T | is tentatively scheduled the week of 3/9/20. Liquid level was measured manually. |
| | | | | | | 1 | | | The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement |
| LCS-6B | 3/6/20 | N/A | N/A | 429.52 | 28.0 | 457.52 | N | Heron Dipper T | is scheduled for 3/11/20. Liquid level was measured manually. |
| | | | | | | 1 | | | The LCS-6B transducer was replaced on 3/11/20 and the pump became fully operational. The |
| | | | | | | | | | LCS-6B pump was observed to be non-operational on 3/12/20. The LCS-6B pump was replaced |
| LCS-6B | 3/13/20 | 12.5 | 9.4 | 429.52 | 21.9 | 451.42 | Y | Dedicated Transducer | on 3/13/20. LCS-6B became fully operational on 3/13/20. |
| LCS-6B | 3/20/20 | 12.3 | 9.4 | 429.52 | 21.7 | 451.22 | Ý | 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 | Ý | Dedicated Transducer | |
| LCS- 6B | 4/10/20 | 12.0 | 9.4 | 429.52 | 20.9 | 450.92 | Y | Dedicated Transducer | |
| LCS- 6B | 4/16/20 | 12.0 | 9.4 | 429.52 | 21.4 | 451.32 | Y | Dedicated Transducer | |
| 200-00 | 4/10/20 | 14.7 | | 720.02 | 21.0 | 401.02 | ' | Source manoducer | |
| | | | | | | 1 | | | 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 |
| LCS-6B | 4/23/20 | | 9.4 | 429.52 | | 1 | Y | Dedicated Transducer | weekly reporting period due to VFD communication loss with the site's SCADA system. |
| | | 8.9 | 9.4 | 429.52 | 18.3 | 447.82 | ř Y | Dedicated Transducer Dedicated Transducer | nosity reporting ported due to an D communication loss with the site's COADA System. |
| | 4/30/20 | | 0.4 | | | | Y | Dedicated Transducer | |
| LCS-6B | 4/30/20 | | Q / | 420 52 | | | | | |
| LCS-6B | 5/7/20 | 9.0 | 9.4 | 429.52 | 18.4 | 447.92 | | | |
| LCS- 6B LCS- 6B | 5/7/20 5/14/20 | 9.0 13.3 | 9.4 | 429.52 | 22.7 | 452.22 | Y | Dedicated Transducer | |
| LCS-6B | 5/7/20 | 9.0 | | | | | | | |

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.