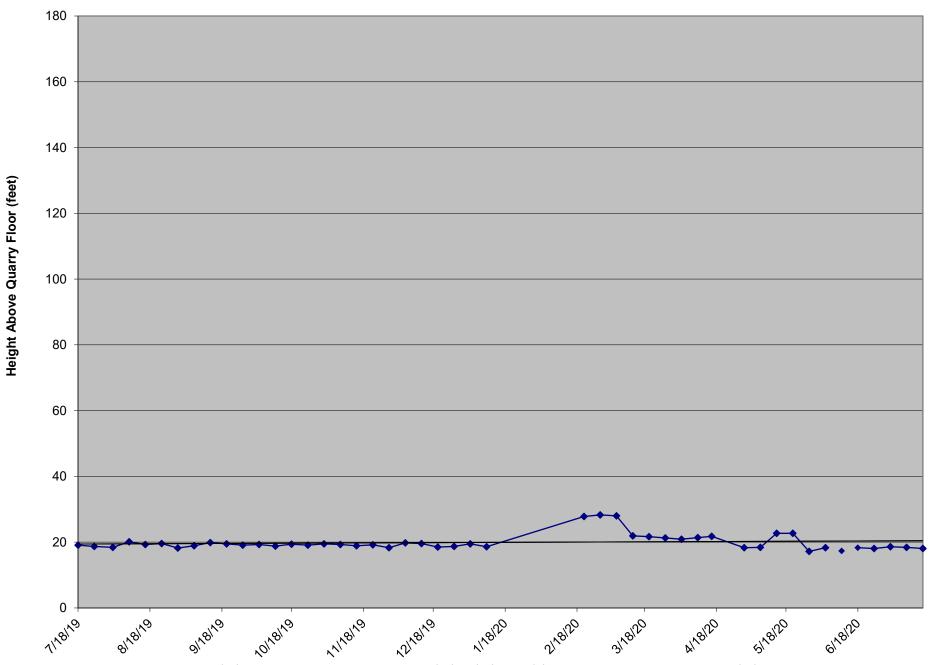
## LCS-6B Liquid Level Above Quarry Floor



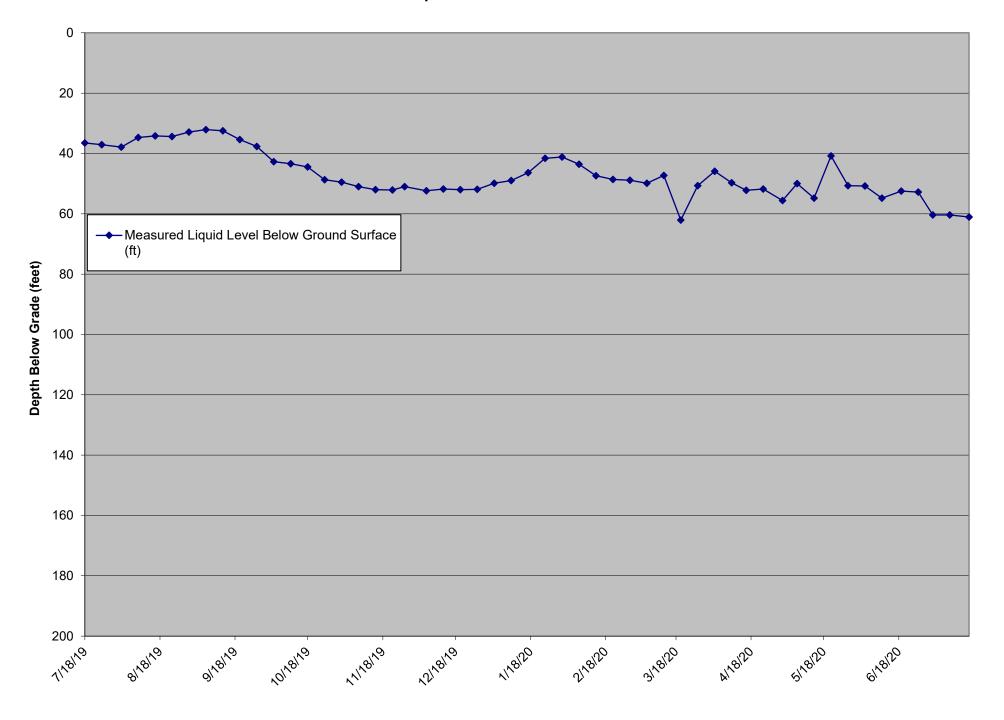
The transducer became non-operational on 1/13/20. Liquid level was measured manually on 2/21/20, 2/28/20 and 3/6/20. The transducer became operational on 3/13/20. The VFD was observed to be non-operational on 4/23/20, it was replaced on 4/23/20, however the level sensor reading was not taken due to VFD communication loss with SCADA.

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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	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 LCS- 2D	1/24/20 1/31/20	N/A N/A	14.4 14.4	235.92 235.92		N N	Dedicated Transducer Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	2/7/20	N/A N/A	14.4	235.92		N N	Dedicated Transducer  Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	2/1/20	N/A N/A	14.4	235.92		N N	Dedicated Transducer  Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	2/14/20	N/A N/A	14.4	235.92		N N	Dedicated Transducer  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	3/6/20	N/A	14.4	235.92		N 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

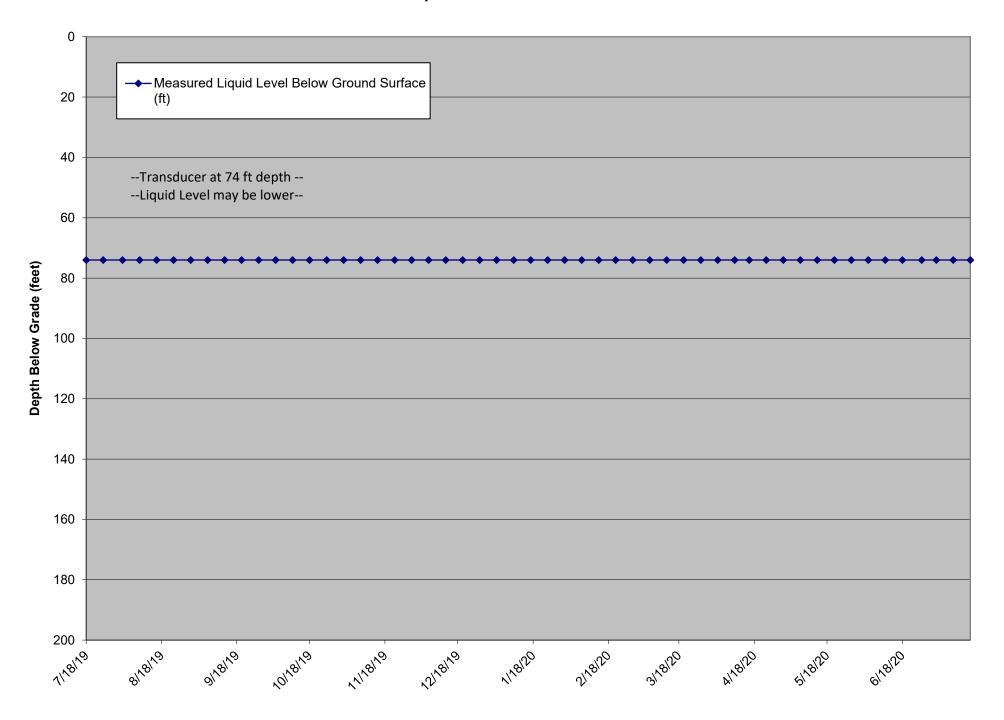
				Well Total Depth				
	Date	Measured Liquid	Transducer Depth	from Top of	Elevation of	Pump on during		
	Reading	Level Below Ground	from Top of Casing	Casing (Ft.)	Leachate	measurement?		
LCS Number	Collected	Surface (ft)	(Ft.)	(Ft. MSL)	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments
LCS-3D	7/18/19	36.5	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		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	8/9/19	34.7	N/A	140		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	8/16/19	34.2	N/A	140		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	8/23/19	34.4	N/A	140		Y	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	8/30/19	32.9	N/A	140		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	9/6/19	32.1	N/A	140		Y	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	9/13/19	32.5	N/A	140		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	9/20/19	35.4	N/A	140		Y	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		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	11/27/19	51.0	N/A	140		Υ	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		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	3/6/20	49.9	N/A	140		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	3/13/20	47.3	N/A	140		Υ	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		Y	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	4/23/20	51.8	N/A	140		Y	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		Y	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		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	7/9/20	60.4	N/A	140		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	7/17/20	61.1	N/A	140		Υ	Heron Dipper T	Pump operational; liquid level measured manually

## LCS-3D Liquid Level Below Ground Surface



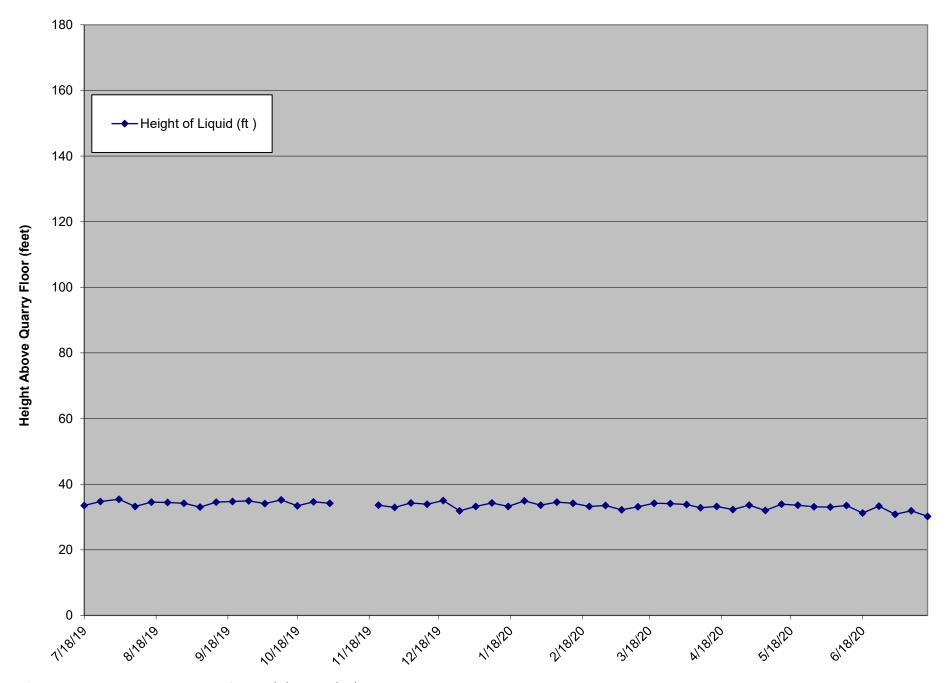
	Date	Measured Liquid	Transducer Depth	Base of Sump	Pump on during		
	Reading	Level Below Ground	from Top of Casing	Elevation	measurement?		
LCS Number	Collected	Surface (ft)	(Ft.)	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments
LCS- 4B	7/18/19	74.0	81.0	244.00	Υ	Dedicated Transducer	Pump operational,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



	Date	Measured Liquid	Transducer Height	Base of Sump		Elevation of	Pump on during		
i	Reading	Level Above	above Floor of	Elevation	Height of	Leachate	measurement?		
	Collected	Transducer (Ft.)	Quarry (Ft.)	(Ft. MSL)	Liquid (ft )	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments
LCS- 5B	7/18/19	11.6	21.9	235.3	33.5	268.80	Υ Υ	Dedicated Transducer	Comments
LCS- 5B	7/25/19	12.8	21.9	235.3	34.7	270.00	Ϋ́	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	Υ	Dedicated Transducer	
LCS- 5B	8/30/19	12.3	21.9	235.3	34.2	269.50	Υ	Dedicated Transducer	
LCS- 5B	9/6/19	11.1	21.9	235.3	33.0	268.30	Y	Dedicated Transducer	
LCS- 5B	9/13/19	12.6	21.9	235.3	34.5	269.80	Y	Dedicated Transducer	
LCS- 5B	9/20/19	12.8	21.9	235.3	34.7	270.00	Υ	Dedicated Transducer	
LCS- 5B	9/27/19	13.0	21.9	235.3	34.9	270.20	Υ	Dedicated Transducer	
LCS- 5B	10/4/19	12.2	21.9	235.3	34.1	269.40	Υ	Dedicated Transducer	
LCS- 5B	10/11/19	13.3	21.9	235.3	35.2	270.50	Υ	Dedicated Transducer	
LCS- 5B	10/18/19	11.5	21.9	235.3	33.4	268.70	Υ	Dedicated Transducer	
LCS- 5B	10/25/19	12.7	21.9	235.3	34.6	269.90	Υ	Dedicated Transducer	
LCS- 5B	11/1/19	12.3	21.9	235.3	34.2	269.50	Υ	Dedicated Transducer	
LCS- 5B	11/8/19		21.9	235.3		235.30	N	Dedicated Transducer	The transducer was observed to be non-operational on 11/6/19.  Transducer replacement is scheduled on 11/13/19.
LCS- 5B	11/15/19		21.9	235.3		235.30	N	Dedicated Transducer	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. 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
LCS- 5B	11/22/19	11.7	21.9	235.3	33.6	268.90	Υ	Dedicated Transducer	5B became fully operational.
LCS- 5B	11/29/19	11.0	21.9	235.3	32.9	268.20	Υ	Dedicated Transducer	
LCS- 5B	12/6/19	12.4	21.9	235.3	34.3	269.60	Υ	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 1/10/20	11.3 12.4	21.9 21.9	235.3 235.3	33.2 34.3	268.50 269.60	Y	Dedicated Transducer	
LCS- 5B	1/10/20	11.3	21.9	235.3	34.3	268.50	Y	Dedicated Transducer	
LCS- 5B LCS- 5B	1/1//20	13.0	21.9	235.3	34.9	270.20	Y	Dedicated Transducer Dedicated Transducer	
LCS- 5B	1/31/20	11.7	21.9	235.3	33.6	268.90	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 5B	2/7/20	12.6	21.9	235.3	34.5	269.80	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 5B	2/14/20	12.3	21.9	235.3	34.2	269.50	· · · · · · · · · · · · · · · · · · ·	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	Ϋ́	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	Υ	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	Υ	Dedicated Transducer	
LCS- 5B	5/14/20	12.0	21.9	235.3	33.9	269.20	Υ	Dedicated Transducer	
LCS- 5B	5/21/20	11.7	21.9	235.3	33.6	268.90	Υ	Dedicated Transducer	_
LCS- 5B	5/28/20	11.2	21.9	235.3	33.1	268.40	Υ	Dedicated Transducer	_
LCS- 5B	6/4/20	11.1	21.9	235.3	33.0	268.30	Y	Dedicated Transducer	
LCS- 5B	6/11/20	11.6	21.9	235.3	33.5	268.80	Y	Dedicated Transducer	
LCS- 5B	6/18/20	9.3	21.9	235.3	31.2	266.50	Y	Dedicated Transducer	
LCS- 5B	6/25/20	11.4	21.9	235.3	33.3	268.60	Υ	Dedicated Transducer	
LCS- 5B	7/2/20	8.9	21.9	235.3	30.8	266.10	Υ	Dedicated Transducer	
		10.0	21.9	235.3	31.9	267.20	Y	Dedicated Transducer	I .
LCS- 5B LCS- 5B	7/9/20 7/16/20	8.3	21.9	235.3	30.2	265.50		Dedicated Transducer	

## LCS-5B Liquid Level Above Quarry Floor



<sup>\*</sup>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		
1.00 N	Reading		above Floor of	Elevation	Height of	Leachate	measurement?	I tourist tourist on the course of	0
LCS Number	Collected	V	Quarry (Ft.)	(Ft. MSL)	Liquid (ft )	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments
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		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	Υ	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.
									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.
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.
									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.
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.
									The LCS-6B transducer was replaced on 3/11/20 and the pump became fully operational. The
						1			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	Y	Dedicated Transducer	
LCS- 6B	3/27/20	11.9	9.4	429.52	21.3	450.82	Υ	Dedicated Transducer	
LCS- 6B	4/3/20	11.5	9.4	429.52	20.9	450.42	Υ	Dedicated Transducer	
LCS- 6B	4/10/20	12.0	9.4	429.52	21.4	450.92	Υ	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	Y	Dedicated Transducer	
LCS- 6B	5/7/20	9.0	9.4	429.52	18.4	447.92	Y	Dedicated Transducer	
LCS- 6B	5/14/20	13.3	9.4	429.52	22.7	452.22	Ϋ́	Dedicated Transducer	
LCS- 6B	5/21/20	13.3	9.4	429.52	22.7	452.22	Y	Dedicated Transducer	
LCS- 6B	5/28/20	7.8	9.4	429.52	17.2	446.72	Y	Dedicated Transducer	
LCS- 6B	6/4/20	8.9	9.4	429.52	18.3	447.82	Ϋ́	Dedicated Transducer	
LCS- 6B	6/11/20	7.9	9.4	429.52	17.3	446.82	Y	Dedicated Transducer	
LCS- 6B	6/18/20	8.9	9.4	429.52	18.3	447.82	Y	Dedicated Transducer	
LCS- 6B	6/25/20	8.7	9.4	429.52	18.1	447.62	Υ	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	
									,