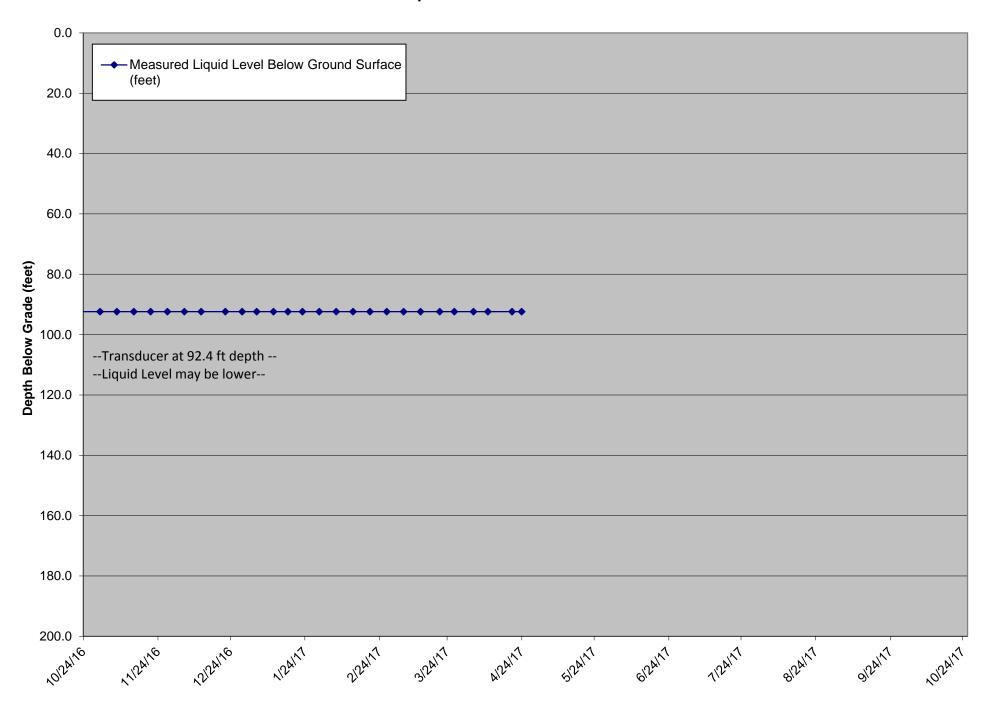
	Date	Measured Liquid	Transducer Depth	Base of Sump	Pump on during		
	Reading	Level Below Ground	from Top of Casing	Elevation	measurement?		
LCS Number	Collected	Surface (feet)	(Ft.)	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments Comments
LCS- 1D LCS- 1D	7/11/16 7/18/16	92.4	97.0 97.0	252.22 252.22	Y N	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow on meter, depth to liquid >92.4' BGS  Temporarily disconnected due to construction for the HEB project
LCS- 1D	7/16/16		97.0	252.22	N N	Dedicated Transducer  Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D	8/1/16		97.0	252.22	N	Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D	8/8/16		97.0	252.22	N	Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D	8/15/16		97.0	252.22	N	Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D	8/22/16		97.0	252.22	N	Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D	8/29/16		97.0	252.22	N N	Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D LCS- 1D	9/5/16 9/12/16		97.0 97.0	252.22 252.22	N N	Dedicated Transducer  Dedicated Transducer	Temporarily disconnected due to construction for the HEB project  Temporarily disconnected due to construction for the HEB project
LCS- 1D	9/19/16		97.0	252.22	N	Dedicated Transducer  Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D	9/26/16		97.0	252.22	N	Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D	10/3/16		97.0	252.22	N	Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D	10/10/16		97.0	252.22	N	Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D	10/17/16		97.0	252.22	N	Dedicated Transducer	Temporarily disconnected due to construction for the HEB project
LCS- 1D LCS- 1D	10/24/16 10/31/16	92.4	97.0 97.0	252.22 252.22	N Y	Dedicated Transducer	Awaiting parts to complete reconnection  Pump operational, no flow on meter, depth to liquid >92.4' BGS
LCS- 1D LCS- 1D	11/7/16	92.4	97.0	252.22	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow on meter, depth to liquid >92.4 BGS  Pump operational, no flow on meter, depth to liquid >92.4 BGS
LCS- 1D	11/1/16	92.4	97.0	252.22	Y		Pump operational, no flow on meter, depth to liquid >92.4' BGS
LCS- 1D	11/21/16	92.4	97.0	252.22	Y		Pump operational, no flow on meter, depth to liquid >92.4' BGS
LCS- 1D	11/28/16	92.4	97.0	252.22	Υ	Dedicated Transducer	Pump operational, no flow on meter, depth to liquid >92.4' BGS
LCS- 1D	12/5/16	92.4	97.0	252.22	Y		Pump operational, no flow on meter, depth to liquid >92.4' BGS
LCS- 1D	12/12/16	92.4	97.0	252.22	Y	Dedicated Transducer	Pump operational, no flow on meter, depth to liquid >92.4' BGS
LCS- 1D LCS- 1D	12/22/16	92.4	97.0	252.22	Y	Dedicated Transducer	Pump operational, no flow on meter, depth to liquid >92.4' BGS  Pump operational, no flow on meter, depth to liquid >92.4' BGS
LCS- 1D	12/29/16 1/4/17	92.4 92.4	97.0 97.0	252.22 252.22	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow on meter, depth to liquid >92.4 BGS  Pump operational, no flow on meter, depth to liquid >92.4 BGS
LCS- 1D	1/1/17	92.4	97.0	252.22	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, depth to liquid >92.4' BGS
LCS- 1D	1/17/17	92.4	97.0	252.22	Y	Dedicated Transducer	Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D	1/23/17	92.4	97.0	252.22	Y	Dedicated Transducer	Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D	1/30/17	92.4	97.0	252.22	Y	Dedicated Transducer	Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D	2/6/17	92.4	97.0	252.22	Y	Dedicated Transducer	Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D LCS- 1D	2/13/17	92.4	97.0	252.22	Y		Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS  Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D LCS- 1D	2/20/17 2/27/17	92.4 92.4	97.0 97.0	252.22 252.22	Y		Pump operational, flow observed on flow meter, depth to liquid >92.4 BGS
LCS- 1D	3/6/17	92.4	97.0	252.22	Ϋ́		Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D	3/13/17	92.4	97.0	252.22	Y	Dedicated Transducer	Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D	3/21/17	92.4	97.0	252.22	Y	Dedicated Transducer	Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D	3/27/17	92.4	97.0	252.22	Y	Dedicated Transducer	Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D	4/4/17	92.4	97.0	252.22	Y	Dedicated Transducer	Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D LCS- 1D	4/10/17 4/20/17	92.4 92.4	97.0 97.0	252.22 252.22	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D	4/24/17	92.4	97.0	252.22	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, flow observed on flow meter, depth to liquid >92.4' BGS
LCS- 1D	5/1/17	<u> </u>	97.0	252.22	N N	Dedicated Transducer	Pump off due to electical issue, flow observed on flow meter
LCS- 1D	5/8/17		97.0	252.22	N	Dedicated Transducer	Pump off due to electical issue, flow observed on flow meter
LCS- 1D	5/15/17		97.0	252.22	N	Dedicated Transducer	Pump off due to electical issue, flow observed on flow meter
LCS- 1D	5/22/17		97.0	252.22	N	Dedicated Transducer	Pump off due to electical issue, flow observed on flow meter
LCS- 1D	5/30/17		97.0	252.22	N	Dedicated Transducer	Pump off due to electical issue, flow observed on flow meter; Pump/transducer
							repairs ongoing
LCS- 1D LCS- 1D	6/7/17 6/12/17		97.0 97.0	252.22 252.22	N N	Dedicated Transducer  Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.  Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	6/20/17		97.0	252.22	N	Dedicated Transducer  Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	6/29/17		97.0	252.22	N	Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	7/5/17		97.0	252.22	N		Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	7/10/17		97.0	252.22	N	Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS-1D	7/21/17		97.0	252.22	N	Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D LCS- 1D	7/28/17 8/4/17		97.0 97.0	252.22 252.22	N N	Dedicated Transducer  Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.  Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	8/9/17		97.0	252.22	N N	Dedicated Transducer  Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	8/17/17		97.0	252.22	N	Dedicated Transducer  Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	8/23/17		97.0	252.22	N	Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	8/30/17		97.0	252.22	N	Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	9/6/17		97.0	252.22	N	Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS-1D	9/13/17		97.0	252.22	N	Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D LCS- 1D	9/20/17 9/27/17		97.0 97.0	252.22 252.22	N N	Dedicated Transducer  Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.  Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	10/4/17		97.0	252.22	N N	Dedicated Transducer  Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	10/1/17		97.0	252.22	N	Dedicated Transducer	Pump off for maintenance. Transducer replacement pending parts arrival.
LCS- 1D	10/20/17		97.0	252.22	N	Dedicated Transducer	Pump off for maintenance. Pump and transducer scheduled to be replaced the week of 10/30/17
LCS- 1D	10/26/17		97.0	252.22	N	Dedicated Transducer	Pump off for maintenance. Pump and transducer scheduled to be replaced the week of 10/30/17

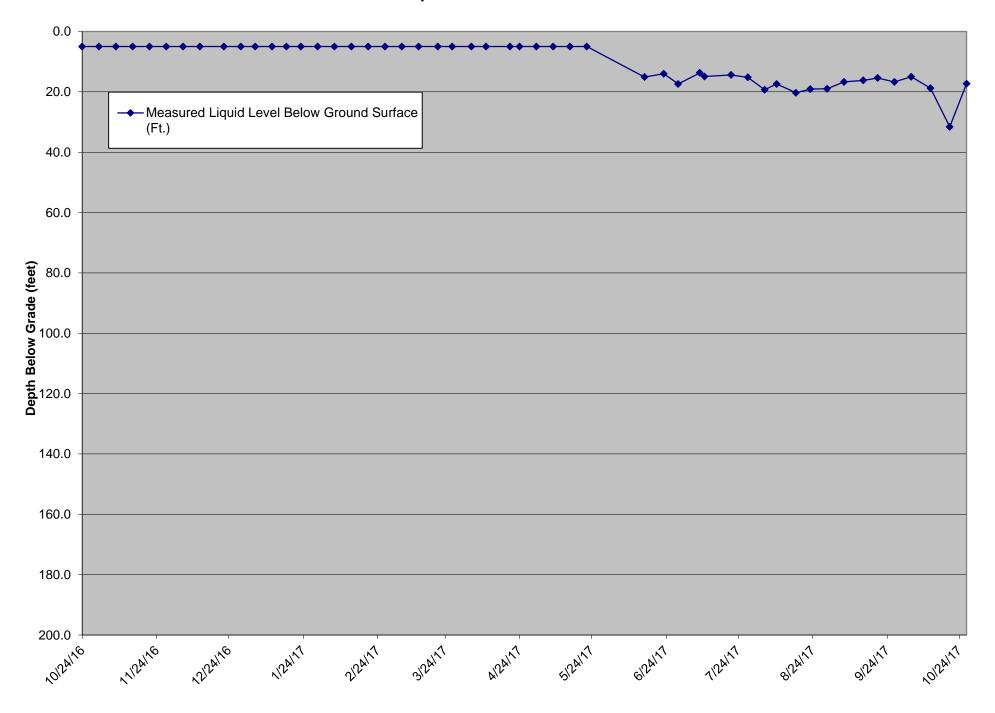
## **LCS-1D Liquid Level Below Ground Surface**



	Date	Measured Liquid	Transducer Height	Base of Sump	Elevation of	Pump on during		
	Reading	Level Above	above Floor of Quarry	Elevation	Leachate	measurement?		
LCS Number	Collected	Transducer (Ft.)	(Ft.)	(Ft. MSL)	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments
LCS- 2D	10/24/16	N/A	14.4	235.92	,	Ň	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	10/31/16	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	11/7/16	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	11/14/16	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	11/21/16	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	11/28/16	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	12/5/16	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	12/12/16	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	12/22/16	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	12/29/16	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	1/4/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	1/11/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	1/17/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	1/23/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	1/30/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	2/6/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	2/13/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	2/20/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	2/27/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	3/6/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	3/13/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	3/21/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	3/27/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	4/4/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	4/10/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	4/20/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	4/24/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D LCS- 2D	5/1/17 5/8/17	N/A N/A	14.4 14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
		N/A N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D LCS- 2D	5/15/17 5/22/17	N/A N/A	14.4	235.92 235.92		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	5/30/17	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	6/7/17	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	6/12/17	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	6/20/17	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	6/29/17	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	7/5/17	N/A	14.4	235.92		N	Dedicated Transducer  Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	7/10/17	N/A	14.4	235.92		N	Dedicated Transducer  Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	7/10/17	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	7/28/17	N/A	14.4	235.92		N	Dedicated Transducer  Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	8/4/17	N/A	14.4	235.92		N	Dedicated Transducer  Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	8/9/17	N/A	14.4	235.92		N	Dedicated Transducer  Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	8/17/16	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	8/23/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	8/30/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	9/6/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	9/13/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	9/20/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	9/27/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	10/4/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	10/11/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	10/20/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	10/26/17	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
R.	-		<u> </u>		-	<u> </u>		

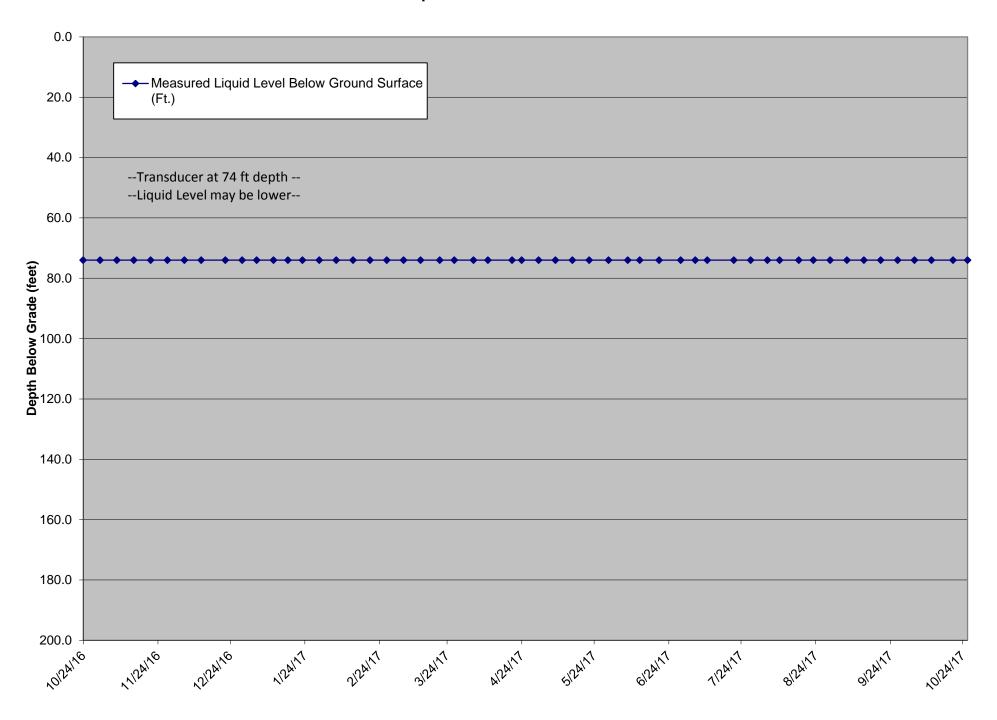
				Well Total Depth				
	Date	Measured Liquid	Transducer Depth	from Top of	Elevation of	Pump on during		
	Reading	Level Below Ground	from Top of Casing	Casing (Ft.)	Leachate	measurement?		
LCS Number	Collected	Surface (Ft.)	(Ft.)	(Ft. MSL)	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments
LCS-3D	10/24/16	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	10/31/16	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	11/7/16	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	11/14/16	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	11/21/16	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	11/28/16	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	12/5/16	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	12/12/16	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	12/22/16	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	12/29/16	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	1/4/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	1/11/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	1/17/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	1/23/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	1/30/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	2/6/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	2/13/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	2/20/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	2/27/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	3/6/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	3/13/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	3/21/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	3/27/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	4/4/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	4/10/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	4/20/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	4/24/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	5/1/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	5/8/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	5/15/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	5/22/17	5.0	63.0	140		N	Dedicated Transducer	Pump off, transducer continued reporting
LCS-3D	5/30/17	0.0	63.0	140		N	Dedicated Transducer	Pump/transducer maintenance ongoing
LCS-3D	6/7/17		63.0	140		N N	Dedicated Transducer  Dedicated Transducer	Pump/transducer maintenance ongoing
LCS-3D	6/15/17	15.1	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	6/23/17	14.0	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	6/29/17	17.4	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	7/8/17	13.7	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	7/0/17	14.9	N/A N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually  Pumps operational; liquid level measured manually
LCS-3D	7/10/17	14.4	N/A N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually  Pumps operational; liquid level measured manually
LCS-3D LCS-3D	7/21/17	15.2	N/A N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually  Pumps operational; liquid level measured manually
LCS-3D LCS-3D	8/4/17	19.3	N/A N/A	140		Y		Pumps operational; liquid level measured manually  Pumps operational; liquid level measured manually
LCS-3D LCS-3D	8/4/17	19.3		140		Y	Heron Dipper T	
			N/A			Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	8/17/17	20.3	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	8/23/17	19.1	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
1.00.05	0/00/47	40.0	N1/A	440		, , , , , , , , , , , , , , , , , , ,	Hanan D' - T	Pumps operational; liquid level estimated from SCADA due to maintenance around
LCS-3D	8/30/17	19.0	N/A	140		Y	Heron Dipper T	LCS-3D.
LCS-3D	9/6/17	16.7	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	9/14/17	16.2	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	9/20/17	15.4	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	9/27/17	16.7	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	10/4/17	15.0	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	10/12/17	18.8	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	10/20/17	31.6	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually
LCS-3D	10/27/17	17.3	N/A	140		Y	Heron Dipper T	Pumps operational; liquid level measured manually

# **LCS-3D Liquid Level Below Ground Surface**



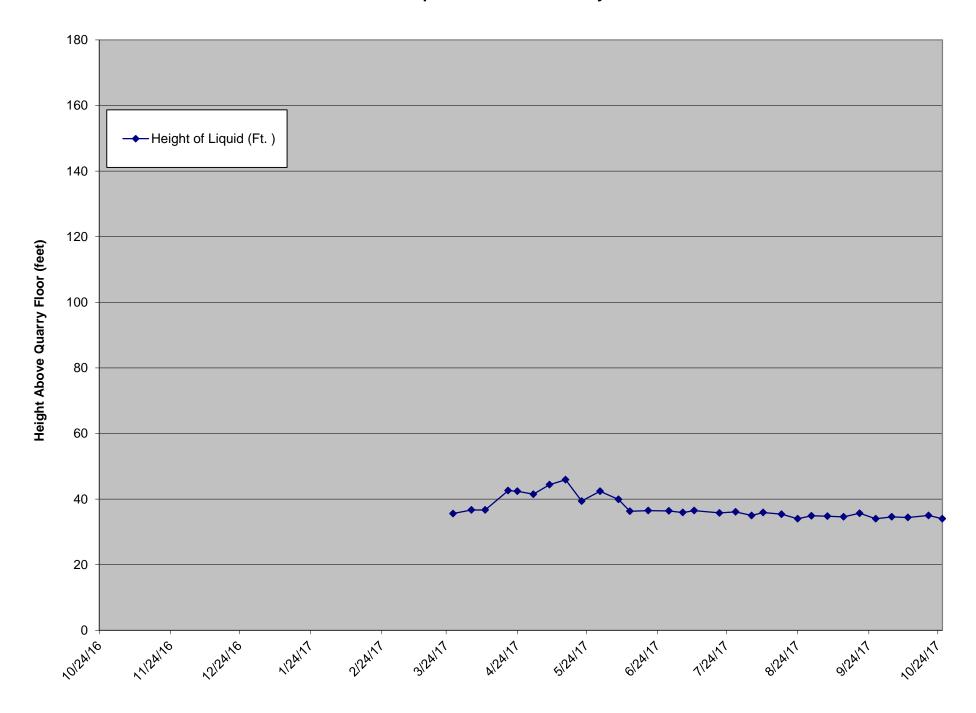
	Date	Measured Liquid	Transducer Depth	Base of Sump	Pump on during		
	Reading	Level Below Ground	from Top of Casing	Elevation	measurement?		
LCS Number	Collected	Surface (Ft.)	(Ft.)	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments
LCS- 4B	10/24/16	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	10/31/16	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	11/7/16	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	11/14/16	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	11/21/16	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	11/28/16	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	12/5/16	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	12/12/16	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	12/22/16	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	12/29/16	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	1/4/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	1/11/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	1/17/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	1/23/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	1/23/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	2/6/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS  Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	2/13/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	2/13/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	2/27/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	3/6/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	3/13/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	3/13/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS  Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	3/27/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS  Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	4/4/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS  Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	4/10/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	4/10/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS  Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	4/24/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS  Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	5/1/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS  Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	5/8/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS  Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	5/15/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS  Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	5/22/17	74.0	81.0	244.00	Y	Dedicated Transducer  Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0 BGS  Pump operational, no flow detected, liquid level >74.0 BGS
LCS- 4B	5/30/17	74.0	81.0	244.00	Y		
LCS- 4B					Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
	6/7/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	6/12/17	74.0	81.0	244.00	·	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	6/20/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS-4B	6/29/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	7/5/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	7/10/17	74.0	81.0	244.00		Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	7/21/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	7/28/17	74.0	81.0	244.00	<u>-</u>	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	8/4/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	8/9/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	8/17/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	8/23/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	8/30/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	9/6/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	9/13/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	9/20/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	9/27/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	10/4/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	10/11/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	10/20/17	74.0	81.0	244.00	Y	Dedicated Transducer	Pump operational, no flow detected, liquid level >74.0' BGS
LCS- 4B	10/26/17	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 Reading	Measured Liquid Level Above	Transducer Height above Floor of	Base of Sump Elevation	Height of	Elevation of Leachate	Pump on during measurement?		
LCS Number	Collected	Transducer (Ft.)	Quarry (Ft.)	(Ft. MSL)	Liquid (Ft. )	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments
LCS- 5B	3/27/17	13.7	21.9	235.3	35.6	270.90	Y	Dedicated Transducer	
LCS- 5B	4/4/17	14.8	21.9	235.3	36.7	272.00	Y	Dedicated Transducer	
LCS- 5B	4/10/17	14.8	21.9	235.3	36.7	272.00	Y	Dedicated Transducer	
LCS- 5B	4/20/17	20.7	21.9	235.3	42.6	277.90	Y	Dedicated Transducer	
LCS- 5B	4/24/17	20.5	21.9	235.3	42.4	277.70	Y	Dedicated Transducer	
LCS- 5B	5/1/17	19.6	21.9	235.3	41.5	276.80	Y	Dedicated Transducer	
LCS- 5B	5/8/17	22.5	21.9	235.3	44.4	279.70	Υ	Dedicated Transducer	
LCS- 5B	5/15/17	24.0	21.9	235.3	45.9	281.20	Υ	Dedicated Transducer	
LCS- 5B	5/22/17	17.5	21.9	235.3	39.4	274.70	Υ	Dedicated Transducer	
LCS- 5B	5/30/17	20.5	21.9	235.3	42.4	277.70	Y	Dedicated Transducer	
LCS- 5B	6/7/17	18.0	21.9	235.3	39.9	275.20	Y	Dedicated Transducer	
LCS- 5B	6/12/17	14.4	21.9	235.3	36.3	271.60	Y	Dedicated Transducer	
LCS- 5B	6/20/17	14.6	21.9	235.3	36.5	271.80	Y	Dedicated Transducer	
LCS- 5B	6/29/17	14.5	21.9	235.3	36.4	271.70	Υ	Dedicated Transducer	
LCS- 5B	7/5/17	14.0	21.9	235.3	35.9	271.20	Υ	Dedicated Transducer	
LCS- 5B	7/10/17	14.6	21.9	235.3	36.5	271.80	Y	Dedicated Transducer	
LCS- 5B	7/21/17	13.9	21.9	235.3	35.8	271.10	Y	Dedicated Transducer	
LCS- 5B	7/28/17	14.2	21.9	235.3	36.1	271.4	Υ	Dedicated Transducer	
LCS- 5B	8/4/17	13.1	21.9	235.3	35.0	270.30	Υ	Dedicated Transducer	
LCS- 5B	8/9/17	14.0	21.9	235.3	35.9	271.20	Υ	Dedicated Transducer	
LCS- 5B	8/17/17	13.5	21.9	235.3	35.4	270.70	Y	Dedicated Transducer	
LCS- 5B	8/24/17	12.1	21.9	235.3	34.0	269.30	Y	Dedicated Transducer	
LCS- 5B	8/30/17	13.0	21.9	235.3	34.9	270.20	Y	Dedicated Transducer	
LCS- 5B	9/6/17	12.9	21.9	235.3	34.8	270.10	Υ	Dedicated Transducer	
LCS- 5B	9/13/17	12.7	21.9	235.3	34.6	269.90	Y	Dedicated Transducer	
LCS- 5B	9/20/17	13.8	21.9	235.3	35.7	271.00	Υ	Dedicated Transducer	
LCS- 5B	9/27/17	12.1	21.9	235.3	34.0	269.30	Y	Dedicated Transducer	
LCS- 5B	10/4/17	12.7	21.9	235.3	34.6	269.90	Y	Dedicated Transducer	
LCS- 5B	10/11/17	12.5	21.9	235.3	34.4	269.70	Y	Dedicated Transducer	
LCS- 5B	10/20/17	13.1	21.9	235.3	35.0	270.30	Y	Dedicated Transducer	
LCS- 5B	10/26/17	12.1	21.9	235.3	34.0	269.30	Y	Dedicated Transducer	Level sensor non-operational on 10/27/17. Level sensor replacement scheduled for 11/2/17

# **LCS-5B Liquid Level Above Quarry Floor**



	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- 6B	10/28/16	8.6	9.4	429.52	18.0	447.52	Υ	Dedicated Transducer	
LCS- 6B	11/2/16	10.9	9.4	429.52	20.3	449.82	Y	Dedicated Transducer	
LCS- 6B	11/9/16	12.5	9.4	429.52	21.9	451.42	N	Dedicated Transducer	Pump Overcurrent Fault. Transducer operational. Liquid Level still maintained
LCS- 6B	11/14/16	8.9	9.4	429.52	18.3	447.82	Y	Dedicated Transducer	
LCS- 6B	11/21/16	11.2	9.4	429.52	20.6	450.12	Υ	Dedicated Transducer	
LCS- 6B	11/28/16	10.5	9.4	429.52	19.9	449.42	Υ	Dedicated Transducer	
LCS- 6B	12/7/16	9.1	9.4	429.52	18.5	448.02	Y	Dedicated Transducer	
LCS- 6B	12/13/16	14.7	9.4	429.52	24.1	453.62	Υ	Dedicated Transducer	
LCS- 6B	12/22/16	11.9	9.4	429.52	21.3	450.82	Υ	Dedicated Transducer	
LCS- 6B	12/29/16	11.5	9.4	429.52	20.9	450.42	Y	Dedicated Transducer	
LCS- 6B	1/4/17	12.2	9.4	429.52	21.6	451.12	Y	Dedicated Transducer	
LCS- 6B	1/11/17	12.4	9.4	429.52	21.8	451.32	Y	Dedicated Transducer	
LCS- 6B	1/17/17	8.9	9.4	429.52	18.3	447.82	Y	Dedicated Transducer	
LCS- 6B	1/23/17	9.3	9.4	429.52	18.7	448.17	Ϋ́	Dedicated Transducer	
LCS- 6B	1/30/17	8.8	9.4	429.52	18.2	447.72	Ϋ́	Dedicated Transducer	
LCS- 6B	2/6/17	9.6	9.4	429.52	19.0	448.52	Ϋ́	Dedicated Transducer	
LCS- 6B	2/13/17	8.9	9.4	429.52	18.3	447.82	Y	Dedicated Transducer	
LCS- 6B	2/13/17	9.0	9.4	429.52	18.4	447.92	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	2/27/17	10.0	9.4	429.52	19.4	448.92	Y	Dedicated Transducer	
LCS- 6B	3/6/17	10.1	9.4	429.52	19.5	449.02	Y	Dedicated Transducer	
LCS- 6B	3/13/17	9.0	9.4	429.52	18.4	447.92	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	3/13/17	9.5	9.4	429.52	18.9	448.42	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	3/27/17	9.7	9.4	429.52	19.1	448.62	Y		
							Y	Dedicated Transducer	
LCS- 6B	4/4/17	9.9	9.4	429.52	19.3	448.82	Y	Dedicated Transducer	
1.00 CD	4/40/47	0.4	0.4	400.50	40.5	440.00	Y	Dadicated Transduces	Dump abut days due to NO capping construction activities, numbing required following week
LCS- 6B	4/10/17	9.1	9.4	429.52	18.5	448.02	· ·	Dedicated Transducer	Pump shut down due to NQ capping construction activities, pumping resumed following week.
LCS- 6B	4/20/17	8.7	9.4	429.52	18.1	447.62	Y	Dedicated Transducer	
LCS- 6B	4/24/17	10.8	9.4	429.52	20.2	449.72	Y	Dedicated Transducer	
LCS- 6B	5/1/17	10.4	9.4	429.52	19.8	449.32	Y	Dedicated Transducer	
LCS- 6B	5/8/17	10.6	9.4	429.52	20.0	449.52	Y	Dedicated Transducer	
LCS- 6B	5/15/17	10.2	9.4	429.52	19.6	449.12	Y	Dedicated Transducer	
LCS- 6B	5/22/17	10.1	9.4	429.52	19.5	449.02	Y	Dedicated Transducer	
LCS- 6B	5/30/17	10.2	9.4	429.52	19.6	449.12	Y	Dedicated Transducer	
LCS- 6B	6/7/17	10.0	9.4	429.52	19.4	448.92	Y	Dedicated Transducer	
LCS- 6B	6/12/17	10.2	9.4	429.52	19.6	449.12	Y	Dedicated Transducer	
LCS- 6B	6/20/17	10.7	9.4	429.52	20.1	449.62	Y	Dedicated Transducer	
LCS- 6B	6/29/17	11.0	9.4	429.52	20.4	449.92	Y	Dedicated Transducer	
LCS- 6B	7/5/17	10.8	9.4	429.52	20.2	449.72	Y	Dedicated Transducer	
LCS- 6B	7/10/17	10.2	9.4	429.52	19.6	449.12	Y	Dedicated Transducer	
LCS- 6B	7/21/17	11.3	9.4	429.52	20.7	450.22	Y	Dedicated Transducer	
LCS- 6B	7/28/17	10.0	9.4	429.52	19.4	448.92	Y	Dedicated Transducer	
LCS- 6B	8/4/17	10.7	9.4	429.52	20.1	449.62	Y	Dedicated Transducer	
LCS- 6B	8/9/17	11.5	9.4	429.52	20.9	450.42	Y	Dedicated Transducer	
LCS- 6B	8/17/17	11.3	9.4	429.52	20.7	450.22	Y	Dedicated Transducer	
LCS- 6B	8/23/17	11.8	9.4	429.52	21.2	450.72	Y	Dedicated Transducer	
LCS- 6B	8/30/17	11.7	9.4	429.52	21.1	450.62	Y	Dedicated Transducer	
LCS- 6B	9/6/17	11.5	9.4	429.52	20.9	450.42	Y	Dedicated Transducer	
LCS- 6B	9/13/17	11.6	9.4	429.52	21.0	450.52	Y	Dedicated Transducer	
LCS- 6B	9/20/17	11.8	9.4	429.52	21.2	450.72	Y	Dedicated Transducer	
LCS- 6B	9/27/17	12.0	9.4	429.52	21.4	450.92	Y	Dedicated Transducer	
LCS- 6B	10/4/17	11.5	9.4	429.52	20.9	450.42	Y	Dedicated Transducer	
LCS- 6B	10/11/17	12.3	9.4	429.52	21.7	451.22	Y	Dedicated Transducer	
LCS- 6B	10/20/17	9.7	9.4	429.52	19.1	448.62	Y	Dedicated Transducer	
LCS- 6B	10/26/17	8.8	9.4	429.52	18.2	447.72	Y	Dedicated Transducer	
			-		<u> </u>				

# **LCS-6B Liquid Level Above Quarry Floor**

