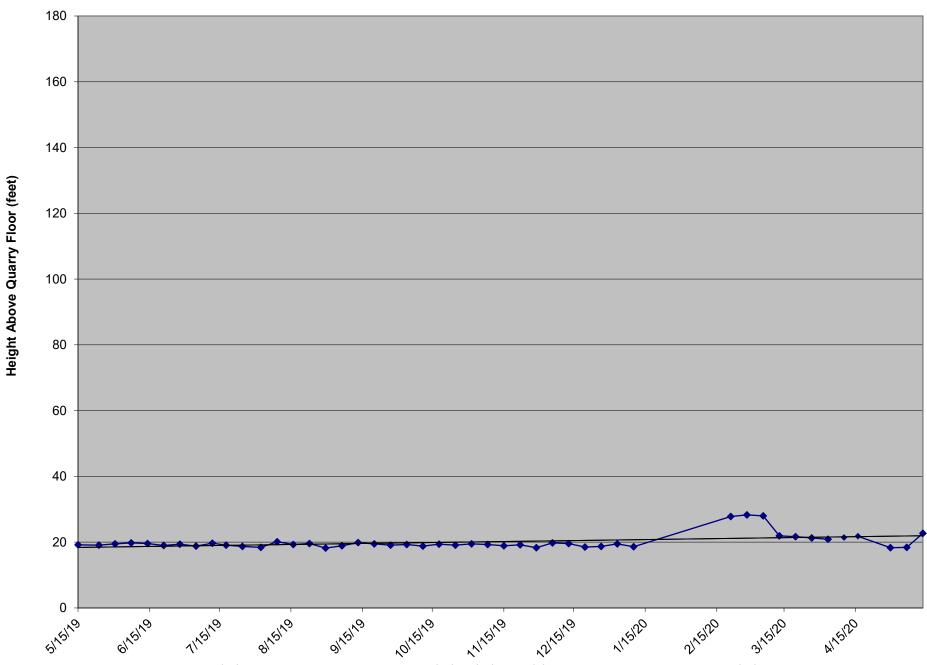
## LCS-6B Liquid Level Above Quarry Floor



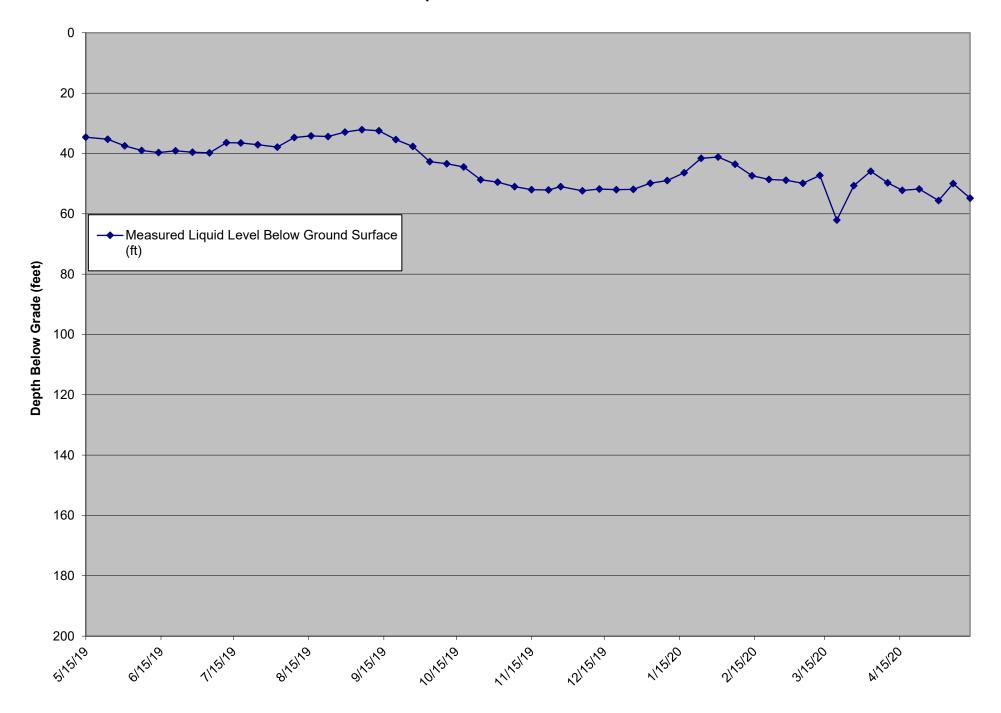
The transducer became non-operational on 1/13/20. Liquid level was measured manually on 2/21/20, 2/28/20 and 3/6/20. The transducer became operational on 3/13/20. The VFD was observed to be non-operational on 4/23/20, it was replaced on 4/23/20, however the level sensor reading was not taken due to VFD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

	15	Mineral store Leaf Radio Group Suffers	handow high tion has at	Reserve Auro	Personal many		
===	Ш	-	2	20			
115.10 115.10	110		1	64.0 64.0	ì	Interest Senting	
	Ш		Н		-		
115.10				200	-	Second Section	
U1.1		W.4	-	640	-	Deliver Senter	
45.7	Ш	-		6//		been been	
100 to	Ш	W.4	155	64.00 64.00	i	Deliver Senter	
===		===	=	==	-		
115.10 115.10	1907 #87	W.1	1	64.0 64.0	ì	Interest Senting	
-		=	=	=			
45.5				600		Indicated Senting	
32.3	=	-	-	200	-	Name (asset)	
44.4			115	200	÷		
165.19	100		-	84.0	-	Indicated Facilities	Party AT Aurit alerticarious, Translational of Translation
45.5	100		-	64.0 64.0		Design Sealor	
	Ш		Н		-		
115.10	207			200	-	Second Section	
48.9				200	-	Defront Sendors	
12.2				200	÷		
105.70	1007		-	000		Defined Tenance	Party of the management of the particular activation is to appear
			-		-		Anny of the managements. Pump and resolution representative relations.  Pump of the managements. Pump and resolution representative relations.
US-9			- 17	200		below houses	Any of his numerous. Any are resolved operator policy and flory of he materials. Any all handons operators wherein
	Н						Any of to nationals. Purp of transfer reporter shallon
105.10	-		-	50.0	-	harvest francis	Party all for management Purity and resolution regionalist progression
10.0	=		-	500	1	bened beauty	Party all for management Party and terrology registered progression
10.0	1000		-		⊏	Description of	Party of the memories in Purp and transfer or specially progressed.  Party of the memories in Purp and transfer or specialist progressed.
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105.00			-	200	-	thereof bearing	Pulp of the management Pulp and remaind superstant activities. Pulp representations place for use of 45-16 Pulp value activities.
				-			
11.5	-			60		Secret Secret	
				200	E	ness leader	
22.0	2000		-	844	1	Date of Street	Angujuran nagarin na rawan na nama
	=						Proposed registre as Children
105.00			-	844	-	Second Season	Any operation of the state of t
105.00	200			800	-	Deliver Treatment	Performance discipled to the P. STOTE for the executive Performance discipled to the P. STOTE for the executive Performance discipled to the P. STOTE for the executive Performance of the P. STOTE for the P. STOTE for the performance Performance of the P. STOTE for the P. STOTE fo
			ŀ		-		Marine party residence has place at 6 °C 16. Anny operation article Marine party residence has place at 6 °C 16. Anny operation article
	-		-		-	to the last of	The proposed in the Carlo Constitution of th
10.0			-	50.0		being bodge	Barrer puris modeller film dava at 61978. Puris davaga at
	П						Name party conductors pass at \$1474. Purp states are Name party conductors has been at \$1474. Purp states are
105.70	8178		-	800		between Transport	Barry purp modern has pare at \$1516. Purp some and \$1616 Purp some
105.90	1707			800	-	Deliver Treatment	Same party model or has pass at \$1575. Party party and the same party
				-	=		States party measurements pack at \$1419. Party managers
100.00	100		-	800		better beauty	Early party conductor has pass at 61416. Purp stanguar Early party conductor has pass at 61416. Purp stanguar
	_		-		-		Barrier puris recolution than pass at 8 hard. Puris statis and
							Same para modern ton para at 1975. Pera property
105.00	П		-	800	-	being beaut	Barrier puris condesses has appeared to \$100 to \$100 personal and
							Same party modern to pass of SAME Party same are
105.00				800	-	Deliver Treatment	Rectar puris conductor has more at 6.1619. Puris service and Rectar puris conductor has pass at 6.1619. Puris service and
US-9	100		- 17	200		below houses	Barry party condense may pass at 47474. Purity service and Barry party condense may pass at 47474. Purity service and
	Н						Barner puris modeles has pace at \$1510. Puris service and
105.00			-	AL II	-	Second Second	States party modern ton party of STATE Party states and
105.70	-			50.00	-	Deliver Treatment	Barra para moderni ma para a 1974. Para para para
	_		-		-		Barrier puris recolution than pass at \$1218. Puris stand and Barrier puris recolution has pass at \$1218. Puris stand and
US-9	1993		- 17	200		below houses	Barry party condense may pass at 47474. Purity service and Barry party condense may pass at 47474. Purity service and
105.00	1		-	50.0	÷	Named Toward	Secretary modern on the at \$1210 for party or \$1210
				-	=		States party measurements pack at \$1419. Party states and
105.00				800		Indicated Transactor	Barra para madema dan para di Kara Kara dan para di
105.70	1007		-			Defined Tomasor	Name party resident has pass at \$1010. Purp state and States party resident has pass at \$1010. Purp state and
	Ξ		_		Ε		Name you're named that you at A trial And And And the
105.00	****		-	844	-	Detailed Tomason	Same party residence has been at \$1010. Purp party and Same party residence has pass at \$1010. Purp party party
			_	-	⊨		States purp resident has pass at \$10% for principles.  States purp resident has pass at \$10% for y
105.10	-		-	50.0	-	harvest houses	Share your modern has pass a brank from pumper
105.00	****		-	W//	-	Indicated Transaction	Share you'll conduct this place in 4 to 16. Any compact
10.0			-		⊏	Description of	Same party moderns has pass at 6 to 16. Purp party and
	E	E	Ξ		E		Same para moderni san para in 1975. Para parapara Same para moderni san para in 1975. Para parapara
105.00	***		-	844	-	Desired Treatment	States party conductor than party at \$1010. Purity party and States party conductor than party at \$1010. Purity party party
			_	-	⊨		States purp resident has pass at \$10% for principles.  States purp resident has been at \$10% form;
105.00	-		_	ALI	=	news house	Share you're conduct that place at \$1015. Purp strong are
105.00	-		-	844	-	Second Season	Share your conduct this place is 4 or 10 force purpose
100 W		E-	<u> </u>	20.00	Ŀ÷	Samuel France	Same pury modern has pass at \$1018. Pury pump are
-	-		-	-			three part respect on your a track but surprise
105.00	****		-	844	-	New Yorks	Marter puris conductor has pass at 6 '47's Puris promp and Marter puris conductor has pass at 6 '47's Puris status and
							Same part content on part of \$1000 Persons and
105.00	-		-	W//	-	Indicated Transaction	Share your made or the pass of 6-1916. Any strong are
103.00	-		_		Ŀ	Description of	Name party modern may pass at \$15% for purposer.  Name party modern may pass at \$15% for purposer.
	_		-	-			Martin party moderns has pass at \$1010. Purp surrigant Martin party moderns has pass at \$1010. Purp surrigant
100.00			-	***	-	nessed francis	Name you conduct the past of \$1018. Any owner or Name you conduct the past of \$1018. Any owner or
10.0	=		-	500	1	bened beauty	Same party residence has pass at \$1275. Purp sampless
							Same pury resident has place at \$1018. Pury surrogant
105.00	F		-	-	-	Deliver Transact	Security research to per a \$1016. Any sortion
				-	F		States purp conducts has pass at \$1000. Purp strong and States purp conducts has pass at \$1000. Purp strong and
105.00	1100		-	50.0	-	harvest house	Share party residence than party in Nation Purity and party
105.00	1999		_	800	=	Annual Transce	Same york modern has pass at \$1916. Purp samp are factor york modern has pass at \$1916. Purp samp are
100 m	=	_	-	-	-	terrer *	Name party resident has pass at \$150. Purp strong and Name party resident has pass at \$150. Purp strong and
	_				Ė		Manus para moderni mai para di MATA. Para para para Manus para moderni mai para di MATA. Para para para
100.00	100		-	84.0	-	Decree Treatment	Name and produces are passed at 1911 Anny purposes
				-			Share your modern has pass at \$10 to Prop propping
100.00	1070		-	80	-	being beaut	Same party measure has pass at \$115 Arry same as Same party measure has pass at \$115 Arry same as
=	=		Ξ	=	=		Martin party measures have passed in North Purity party and Martin party measures have passed in North Purity party and
100.00	_		-	***	-	nessed francis	Name and address of the same and the same an
105.00			-	844	-	Second Season	Share your conduct this place is 4 or 10 force purpose
	_		_	L	μ=		Name you produce the past of 4 and Auto annual

	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	5/15/19	N/A	14.4	235.92	,	N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
LCS- 2D	5/24/19	N/A	14.4	235.92		N	Dedicated Transducer	PCP Installed to depth of 62' BGS, failed stator, needs replacement
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

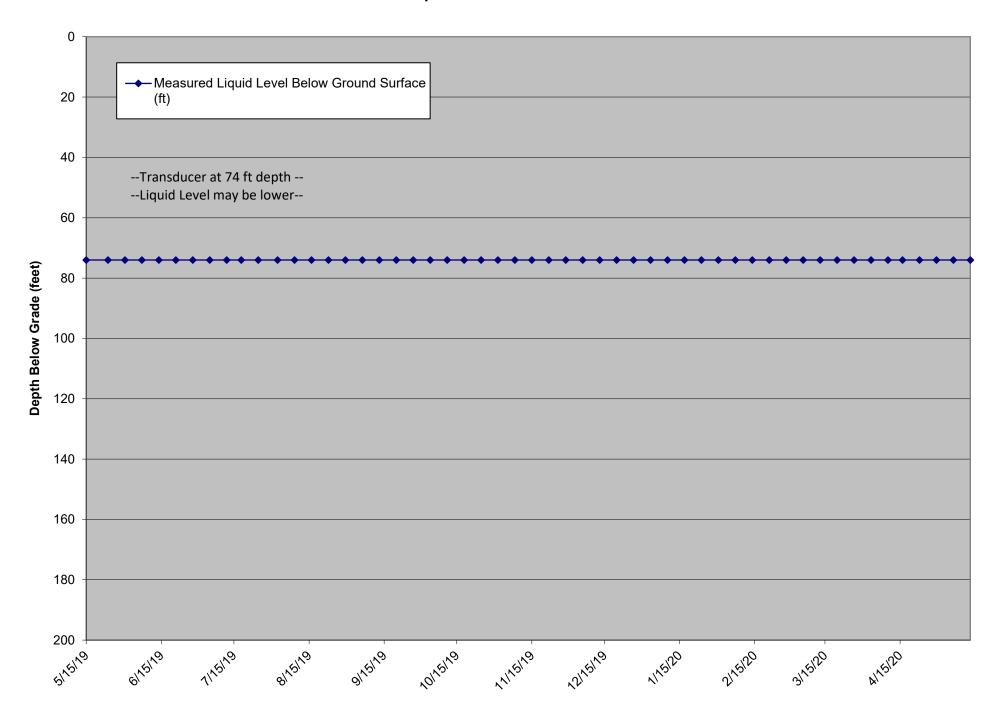
				Well Total Depth				
	Date	Measured Liquid	Transducer Depth	from Top of	Elevation of	Pump on during		
	Reading	Level Below Ground	from Top of Casing	Casing (Ft.)	Leachate	measurement?		
LCS Number	Collected	Surface (ft)	(Ft.)	(Ft. MSL)	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments
LCS-3D	5/15/19	34.6	N/A	140	` '	Y	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	5/24/19	35.3	N/A	140		Υ	Heron Dipper T	Pump operational; liquid level measured manually
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		Y	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		Y	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	34.4	N/A	140		Υ	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	8/30/19	32.9	N/A	140		Y	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		Y	Heron Dipper T	Pump operational; liquid level measured manually
LCS-3D	9/20/19	35.4	N/A	140		Υ	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		Υ	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		Υ	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		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		Υ	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		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		Υ	Heron Dipper T	Pump operational; liquid level measured manually

## LCS-3D Liquid Level Below Ground Surface



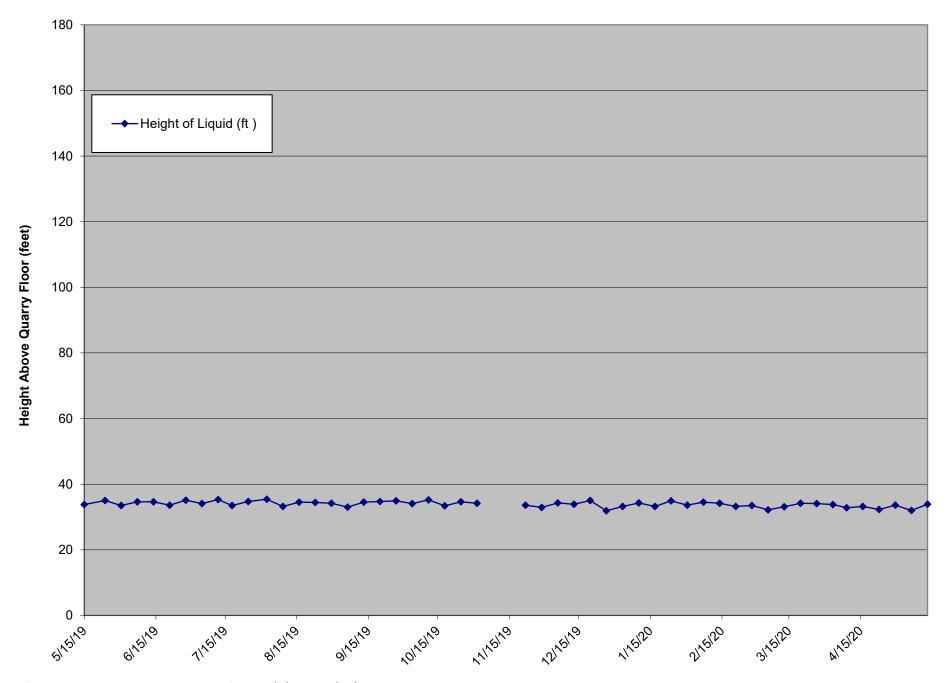
	Date	Measured Liquid	Transducer Depth	Base of Sump	Pump on during		
	Reading	Level Below Ground	from Top of Casing	Elevation	measurement?		
LCS Number	Collected	Surface (ft)	(Ft.)	(Ft. MSL)	(Y/N)	Liquid level meter used	Comments
LCS- 4B	5/15/19	74.0	81.0	244.00	Υ	Dedicated Transducer	Pump operational,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



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	Date	Measured Liquid	Transducer Height	Base of Sump	Height of	Elevation of	Pump on during		
LCS Number	Reading Collected	Level Above Transducer (Ft.)	above Floor of Quarry (Ft.)	Elevation (Ft. MSL)	Height of Liquid (ft )	Leachate (Ft. MSL)	measurement? (Y/N)	Liquid level meter used	Comments
LCS- 5B	5/15/19	11.9	21.9	235.3	33.8	269.10	(1/N) Y	Dedicated Transducer	Comments
LCS- 5B	5/24/19	13.1	21.9	235.3	35.0	270.30	Y	Dedicated Transducer	
LCS- 5B	5/31/19	11.6	21.9	235.3	33.5	268.80	Υ	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	Υ	Dedicated Transducer	
LCS- 5B	6/28/19	13.2	21.9	235.3	35.1	270.40	Υ	Dedicated Transducer	
LCS- 5B	7/5/19	12.2	21.9	235.3	34.1	269.40	Υ	Dedicated Transducer	
LCS- 5B	7/12/19	13.4	21.9	235.3	35.3	270.60	Y	Dedicated Transducer	
LCS- 5B LCS- 5B	7/18/19 7/25/19	11.6 12.8	21.9 21.9	235.3 235.3	33.5 34.7	268.80 270.00	Y	Dedicated Transducer Dedicated Transducer	
LCS- 5B	8/2/19	13.5	21.9	235.3	35.4	270.70	Y	Dedicated Transducer  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	Ϋ́	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	Y	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	Υ	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	235.3 235.3	35.2	270.50	Y	Dedicated Transducer	
LCS- 5B LCS- 5B	10/18/19 10/25/19	11.5 12.7	21.9 21.9	235.3	33.4 34.6	268.70 269.90	Y	Dedicated Transducer Dedicated Transducer	
LCS- 5B	11/1/19	12.7	21.9	235.3	34.2	269.50	Y	Dedicated Transducer  Dedicated Transducer	
LOG- 3D	11/1/19	12.5	21.0	255.5	34.2	209.30	'	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.
LCS- 5B	11/22/19	11.7	21.9	235.3	33.6	268.90	Y	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. The pump and motor were replaced on 11/19/19 and LCS-SB 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	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 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 Dedicated Transducer	
LCS- 5B	1/10/20	12.4	21.9	235.3	34.3	268.50	Y	Dedicated Transducer  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  Dedicated Transducer	
LCS- 5B	2/7/20	12.6	21.9	235.3	34.5	269.80	Ϋ́	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	Υ	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	Υ	Dedicated Transducer	
LCS- 5B	3/13/20	11.2	21.9	235.3	33.1	268.40	Υ	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 LCS- 5B	4/3/20 4/9/20	11.9 10.9	21.9 21.9	235.3 235.3	33.8 32.8	269.10 268.10	Y	Dedicated Transducer	
LCS- 5B LCS- 5B	4/9/20 4/16/20	10.9 11.3	21.9	235.3	32.8	268.10	Y	Dedicated Transducer	
LCS- 5B LCS- 5B	4/16/20 4/23/20	11.3 10.4	21.9	235.3	33.2	268.50	Y	Dedicated Transducer Dedicated Transducer	<del> </del>
LCS- 5B	4/23/20	11.7	21.9	235.3	32.3	268.90	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 5B	5/7/20	10.1	21.9	235.3	32.0	267.30	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 5B	5/14/20	12.0	21.9	235.3	33.9	269.20	Ý	Dedicated Transducer	
200 02	5,, 25	.2.0	21.0	200.0	55.5	200.20			l .

## 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		
LOO Northern	Reading		above Floor of	Elevation	Height of	Leachate	measurement?	I tout different or other consider	0
LCS Number LCS- 6B	Collected 5/15/19	9.8	Quarry (Ft.)	(Ft. MSL) 429.52	Liquid (ft )	(Ft. MSL) 448.72	(Y/N) Y	Liquid level meter used  Dedicated Transducer	Comments
LCS- 6B LCS- 6B	5/15/19	9.8	9.4 9.4	429.52 429.52	19.2 19.1	448.72 448.62	Y	Dedicated Transducer Dedicated Transducer	
LCS- 6B	5/31/19	10.1	9.4	429.52	19.1	449.02	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	6/7/19	10.1	9.4	429.52	19.5	449.32	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	6/14/19	10.2	9.4	429.52	19.6	449.12	Y	Dedicated Transducer	
LCS- 6B	6/21/19	9.6	9.4	429.52	19.0	448.52	Y	Dedicated Transducer	
LCS- 6B	6/28/19	10.0	9.4	429.52	19.4	448.92	T V	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	7/5/19	9.4	9.4	429.52	18.8	448.32	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	7/12/19	10.3	9.4	429.52	19.7	449.22	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	7/12/19	9.7	9.4	429.52	19.1	448.62	Y	Dedicated Transducer	
LCS- 6B	7/10/19	9.3	9.4	429.52	18.7	448.22	Ϋ́	Dedicated Transducer	
LCS- 6B	8/2/19	9.0	9.4	429.52	18.4	447.92	Ÿ	Dedicated Transducer	
LCS- 6B	8/9/19	10.7	9.4	429.52	20.1	449.62	Ϋ́	Dedicated Transducer	
LCS- 6B	8/16/19	9.9	9.4	429.52	19.3	448.82	Ϋ́	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	Ϋ́	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	Ϋ́	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	Υ	Dedicated Transducer	
LCS- 6B	11/8/19	9.9	9.4	429.52	19.3	448.82	Υ	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	Υ	Dedicated Transducer	
LCS- 6B	11/29/19	8.9	9.4	429.52	18.3	447.82	Υ	Dedicated Transducer	
LCS- 6B	12/6/19	10.4	9.4	429.52	19.8	449.32	Υ	Dedicated Transducer	
LCS- 6B	12/13/19	10.2	9.4	429.52	19.6	449.12	Υ	Dedicated Transducer	
LCS- 6B	12/20/19	9.1	9.4	429.52	18.5	448.02	Υ	Dedicated Transducer	
LCS- 6B	12/27/19	9.3	9.4	429.52	18.7	448.22	Υ	Dedicated Transducer	
LCS- 6B	1/3/20	10.1	9.4	429.52	19.5	449.02	Υ	Dedicated Transducer	
LCS- 6B	1/10/20	9.2	9.4	429.52	18.6	448.12	Υ	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.
100.00	0/04/00	A1/A	N1/A	400 50	07.0	457.00			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.
	j					Ì			The LCS 6P transducer was changed to be per assertional an 4/40/20 Transducer was
LCC CD	2/20/20	NI/A	NI/A	420.52	20.2	457.00	NI NI	Horon Dinner 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	2/28/20	N/A	N/A	429.52	28.3	457.82	N	Heron Dipper T	
LCS- 6B	3/6/20	N/A	N/A	429.52	28.0	457.50	N	Horon Dinnor T	The LCS-6B transducer was observed to be non-operational on 1/13/20. Transducer replacement
LC9- 0B	3/6/20	n/A	N/A	429.52	∠6.0	457.52	iN	Heron Dipper T	is scheduled for 3/11/20. Liquid level was measured manually.
	j					Ì			The LCS-6B transducer was replaced on 3/11/20 and the pump became fully operational. The
LCS- 6B	3/13/20	12.5	9.4	429.52	21.9	451.42	Y	Dadicated Transduces	LCS-6B pump was observed to be non-operational on 3/12/20. The LCS-6B pump was replaced
LCS- 6B	3/13/20	12.3	9.4	429.52 429.52	21.9	451.42 451.22	Υ Υ	Dedicated Transducer	on 3/13/20. LCS-6B became fully operational on 3/13/20.
LCS- 6B	3/20/20	12.3	9.4	429.52 429.52	21.7	451.22 450.82	Y	Dedicated Transducer Dedicated Transducer	
LCS- 6B	4/3/20	11.5	9.4	429.52	20.9	450.62	Ϋ́	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	4/3/20	12.0	9.4	429.52	21.4	450.42	Y	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	4/16/20	12.4	9.4	429.52	21.4	451.32	Y	Dedicated Transducer  Dedicated Transducer	
L00-0B	4/10/20	14.4	J. <del>4</del>	423.32	21.0	401.02	'	Doublet Hansultel	-
									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			Y	Dedicated Transducer	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	Ÿ	Dedicated Transducer  Dedicated Transducer	
LCS- 6B	5/14/20	13.3	9.4	429.52	22.7	452.22	Y	Dedicated Transducer	
200-00	0, 1, 1, 20	. 5.0	♥.¬	120.02		104.44		_ouloutou munoudoel	I .