

Table 8. Logan Wash Mine Site Monitoring Results, January 2021 to March 2022

Date	LW-002 ¹ Manometer (inches)	LW-001 ² (L-1 Portal) (gpm)	Upper Manhole ³ (gpm)	Lower Manhole ⁴ (gpm)	Other
1/22/21	0.0	0.51	1.99	2.44	Conduct pond monitoring. Unable to access mine bench by vehicle. Hike to mine from Lower Access Road
3/3/21	0.0	0.49	1.85	2.65	Conduct mine and pond monitoring. Ran diagnostics on Krohne flow meter (LW-001)
3/18/21					Monitoring of accessible low elevation facilities.
4/28/21	0.0	0.57	1.89	2.52	Conduct mine and pond monitoring. Settling Pond sump dry.
5/5/21	NM	0.66	NM	2.18	Semi-annual sampling event.
5/6/21		0.65			Krohne flow meter diagnostics.
5/10/21	0.0		2.38	2.39	Pond Leak Detection Vault is dry. Evap and Settling Pond sumps dry.
5/24/21	NM	0.77			Dismantle, clean Krohne flowmeter.
6/28/21	0.0	0.59	2.35	2.19	<i>P. debilis</i> status survey with CNAP and BLM. Leak Detection Vault is dry.
7/21/21	“0.0”	0.60	2.31	2.07	Evap. Pond sumps dry. Vac out Upper, Lower Manholes, plus others.
8/30/21	NM	0.56	2.11	2.25	Conduct mine and pond monitoring.
9/30/21	NM	0.62	2.05	2.33	Conduct mine and pond monitoring. Mine clean up irrigation pipe.
10/20-21/21		0.65		2.10	Semi-annual sampling event.
10/25/21	NM	0.61	1.94	2.49	Mine clean-up irrigation pipe, etc. 1.69 ft water in Settling Pond sump.
11/22/21	0.0	0.84	2.22	2.33	Conduct mine and pond monitoring. Pump Settling Pond sump.
12/6/21		0.88			High wall inspection. Vault & weather station footprints.
12/21/21	0.0	0.63	2.04	2.27	Conduct mine and pond monitoring. Pump Settling Pond sump, approx. 4 gal.
1/20/22	NM	NM	NM	2.59	Conduct pond monitoring.
3/3/22	NM	NM	NM	2.40	Conduct pond monitoring.

¹ LW-002 discharge originates at the Research Mine portal, the manometer measures head behind a concrete dam inside the sealed adit.

² LW-001 discharge originates at the L-1 portal of Logan Wash Mine and during the reporting period discharged into the Infiltration Trench. All measurements recorded by electronic flowmeter display.

³ Upper Manhole is located on Retort Water Pipeline in Logan Wash approximately 3000 ft down drainage of the Lower Dump.

⁴ Lower Manhole is located on Retort Water Pipeline immediately north of Evaporation Pond.

NM = not measured