



APPENDIX I – SECONDARY GEOMEMBRANE INSTALLATION SUMMARIES

APPENDIX I.1 – SECONDARY GEOMEMBRANE DEPLOYMENT SUMMARY

APPENDIX I.2 – SECONDARY GEOMEMBRANE TRIAL SEAM SUMMARIES

APPENDIX I.3 – SECONDARY GEOMEMBRANE FUSION WELDING SUMMARY

APPENDIX I.4 – SECONDARY GEOMEMBRANE EXTRUSION WELDING SUMMARY

**APPENDIX I.5 – SECONDARY GEOMEMBRANE DESTRUCTIVE TESTING
SUMMARIES**

APPENDIX I.6 – SECONDARY GEOMEMBRANE PRESSURE TESTING SUMMARY

APPENDIX I.7 – SECONDARY GEOMEMBRANE DEFECT/REPAIR SUMMARY

APPENDIX I.8 – SECONDARY GEOMEMBRANE ACCEPTANCE FORMS



APPENDIX I.1 – SECONDARY GEOMEMBRANE DEPLOYMENT SUMMARY



APPENDIX 1.2 – SECONDARY GEOMEMBRANE TRIAL SEAM SUMMARIES

APPENDIX 1.2.1 – SECONDARY GEOMEMBRANE FUSION TRIAL SEAM SUMMARY

APPENDIX 1.2.2 – SECONDARY GEOMEMBRANE EXTRUSION TRIAL SEAM SUMMARY

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary 100-mil Geomembrane Panel Deployment Summary



Deployment Date	Panel Number	Roll Number	Ambient Temp. (°F)	Average Thickness (mil)	QA Monitor	Approximate Quantities			Surveyed Quantities		Remarks
						Length (ft)	Width (ft)	Area (ft²)	Area (ft²)	Cumulative Area (ft²)	
7/25/2022	S1	60078	66	100	BV	95	22.5	2,138	2,012	2,012	
7/25/2022	S2	60078	66	100	BV	96	22.5	2,160	2,078	4,090	
7/25/2022	S3	60078	66	100	BV	96	22.5	2,160	2,116	6,206	
7/25/2022	S4	60077	66	100	BV	95.5	22.5	2,149	2,087	8,293	
7/25/2022	S5	60077	66	100	BV	95	22.5	2,138	2,075	10,368	
7/25/2022	S6	60077	66	100	BV	95	22.5	2,138	2,064	12,432	
7/25/2022	S7	60079	66	100	BV	95	22.5	2,138	2,158	14,590	
7/26/2022	S8	60079	53	100	BV	100	22.5	2,250	2,189	16,779	
7/26/2022	S9	60079	53	100	BV	102	22.5	2,295	2,210	18,988	
7/26/2022	S10	60083	55	100	BV	104	22.5	2,340	2,281	21,269	
7/26/2022	S11	60083	55	100	BV	105	22.5	2,363	2,301	23,570	
7/26/2022	S12	60088	55	100	BV	105	22.5	2,363	2,312	25,882	
7/26/2022	S13	60088	60	100	BV	105	22	2,310	2,109	27,991	
7/26/2022	S14	60088	60	100	BV	18	7	126	45	28,036	
7/26/2022	S15	60088	60	100	BV	7	30	210	1,031	29,067	
7/26/2022	S16	60082	63	100	BV	113	21	2,373	2,415	31,482	
7/26/2022	S17	60082	64	100	BV	28	5.5	154	47	31,529	
7/26/2022	S18	60082	64	100	BV	97.5	22.5	2,194	2,031	33,560	
7/26/2022	S19	60087	68	100	BV	71.8	23	1,651	1,504	35,064	
7/26/2022	S20	60087	68	100	BV	46.3	23	1,065	1,032	36,097	
7/26/2022	S21	60087	69	100	BV	22.8	23	524	475	36,572	
7/26/2022	S22	60087	68	100	BV	11	10	110	35	36,607	
7/26/2022	S23	60085	68	100	BV	33	20	660	325	36,932	
7/26/2022	S24	60085	68	100	BV	48	23	1,104	1,009	37,941	
7/26/2022	S25	60087	68	100	BV	77	23	1,771	1,687	39,628	
7/26/2022	S26	60087	68	100	BV	95	22.5	2,138	2,016	41,644	
7/26/2022	S27	60087	68	100	BV	96	22.5	2,160	2,096	43,740	
7/26/2022	S28	60076	69	100	BV	99	22.5	2,228	2,147	45,887	
7/28/2022	S29	60076	52	100	MM	112.5	22.5	2,531	2,457	48,344	
7/28/2022	S30	60123	52	100	MM	115	22.5	2,588	2,494	50,838	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary 100-mil Geomembrane Panel Deployment Summary



Deployment Date	Panel Number	Roll Number	Ambient Temp. (°F)	Average Thickness (mil)	QA Monitor	Approximate Quantities			Surveyed Quantities		Remarks
						Length (ft)	Width (ft)	Area (ft²)	Area (ft²)	Cumulative Area (ft²)	
7/28/2022	S31	60123	52	100	MM	118	22.5	2,655	2,579	53,417	
7/28/2022	S32	60122	52	100	MM	119.5	22.5	2,689	2,567	55,983	
7/28/2022	S33	60122	52	100	MM	120.5	22.5	2,711	2,589	58,573	
7/28/2022	S34	60114	52	100	MM	122	22.5	2,745	2,622	61,194	
7/28/2022	S35	60114	52	100	MM	122.5	22.5	2,756	2,669	63,863	
7/28/2022	S36	60119	52	100	MM	122	22.5	2,745	2,705	66,568	
7/29/2022	S37	60119	52	100	BV	124.5	22.5	2,801	2,681	69,249	
7/29/2022	S38	60116	52	100	BV	127	22.5	2,858	2,742	71,991	
7/29/2022	S39	60116	54	100	BV	129	22.5	2,903	2,804	74,795	
7/29/2022	S40	60115	54	100	BV	131.5	22.5	2,959	2,853	77,648	
7/29/2022	S41	60115	58	100	BV	134.5	22.5	3,026	2,913	80,561	
7/29/2022	S42	60118	57	100	BV	138	22.5	3,105	3,014	83,575	
7/29/2022	S43	60118	56	100	BV	140.5	22.5	3,161	3,072	86,647	
7/29/2022	S44	60137	58	100	BV	131.5	22.5	2,959	2,662	89,309	
7/29/2022	S45	60137	58	100	BV	117.5	22.5	2,644	2,617	91,926	
7/29/2022	S46	60126	59	100	BV	105.5	22.5	2,374	2,243	94,169	
8/1/2022	S47	60126	68	100	MM	92	22.5	2,070	1,959	96,128	
8/1/2022	S48	60128	68	100	MM	80.5	22.5	1,811	1,735	97,864	
8/1/2022	S49	60129	68	100	MM	67.5	22.5	1,519	1,430	99,294	
8/1/2022	S50	60132	66	100	MM	54	22.5	1,215	1,194	100,488	
8/1/2022	S51	60132	66	100	MM	39	22.5	878	889	101,377	
8/1/2022	S52	60132	66	100	MM	21.5	22.5	484	500	101,877	
8/1/2022	S53	60132	64	100	MM	5.5	14	77	90	101,967	
8/1/2022	S54	60132	64	100	MM	5	12	60	39	102,006	
8/1/2022	S55	60132	64	100	MM	18.5	22.5	416	407	102,413	
8/1/2022	S56	60132	64	100	MM	34	22.5	765	721	103,134	
8/1/2022	S57	60128	64	100	MM	49.5	22.5	1,114	1,068	104,202	
8/1/2022	S58	60132	64	100	MM	63.5	22.5	1,429	1,380	105,582	
8/1/2022	S59	60134	64	100	MM	76.5	22.5	1,721	1,654	107,236	
8/1/2022	S60	60134	64	100	MM	88	22.5	1,980	2,062	109,298	

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Deployment Date	Panel Number	Roll Number	Ambient Temp. (°F)	Average Thickness (mil)	QA Monitor	Approximate Quantities			Surveyed Quantities		Remarks
						Length (ft)	Width (ft)	Area (ft²)	Area (ft²)	Cumulative Area (ft²)	
8/2/2022	S61	60120	72	100	BV	101.5	22.5	2,284	2,176	111,474	
8/2/2022	S62	60120	72	100	BV	119	22.5	2,678	2,513	113,987	
8/2/2022	S63	60135	71	100	BV	28.5	22.5	641	528	114,515	
8/2/2022	S64	60135	71	100	BV	81.5	22.5	1,834	1,760	116,274	
8/2/2022	S65	60136	71	100	BV	122.5	22.5	2,756	2,647	118,921	
8/2/2022	S66	60136	71	100	BV	144	22.5	3,240	3,029	121,950	
8/2/2022	S67	60135	73	100	BV	147.5	22.5	3,319	3,121	125,071	
8/3/2022	S68	60133	52	100	BV	153	22.5	3,443	3,245	128,316	
8/3/2022	S69	60133	61	100	BV	79	22.5	1,778	1,630	129,946	
8/3/2022	S70	60133	62	100	BV	26	19	494	144	130,090	
8/3/2022	S71	60124	62	100	BV	44.5	22	979	914	131,004	
8/3/2022	S72	60124	52	100	BV	120.5	22.5	2,711	2,513	133,518	
8/3/2022	S73	60124	52	100	BV	148	22.5	3,330	3,137	136,655	
8/3/2022	S74	60117	64	100	BV	151.5	22.5	3,409	3,249	139,904	
8/3/2022	S75	60117	64	100	BV	156.5	22.5	3,521	3,301	143,205	
8/3/2022	S76	60130	63	100	BV	161	22.5	3,623	3,348	146,553	
8/3/2022	S77	60130	65	100	BV	158.5	22.5	3,566	3,433	149,987	
8/4/2022	S78	60131	66	100	BV	311.5	22.5	7,009	6,650	156,637	
8/4/2022	S79	60121	66	100	BV	311.5	22.5	7,009	6,705	163,342	
8/4/2022	S80	60121	66	100	BV	19.5	22.5	439	404	163,746	
8/4/2022	S81	60081	66	100	BV	335	22.5	7,538	7,363	171,109	
8/4/2022	S82	60089	68	100	BV	317.5	22.5	7,144	6,927	178,037	
8/4/2022	S83	60099	70	100	BV	314.5	22.5	7,076	7,252	185,288	
8/4/2022	S84	60089	70	100	BV	15	21	315	342	185,630	
8/4/2022	S85	60080	70	100	BV	331.5	22.5	7,459	7,059	192,690	
8/4/2022	S86	60092	70	100	BV	329	22.5	7,403	7,104	199,794	
8/4/2022	S87	60127	70	100	BV	318.5	22.5	7,166	8,053	207,847	
8/5/2022	S88	60076	57	100	BV	66	22.5	1,485	1,482	209,328	
8/5/2022	S89	60091	58	100	BV	102.5	22.5	2,306	2,332	211,660	
8/5/2022	S90	60091	58	100	BV	91	22.5	2,048	2,018	213,678	

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Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary 100-mil Geomembrane Panel Deployment Summary



Deployment Date	Panel Number	Roll Number	Ambient Temp. (°F)	Average Thickness (mil)	QA Monitor	Approximate Quantities			Surveyed Quantities		Remarks
						Length (ft)	Width (ft)	Area (ft²)	Area (ft²)	Cumulative Area (ft²)	
8/5/2022	S91	60091	58	100	BV	115	22.5	2,588	2,698	216,376	
8/5/2022	S92	60123	58	100	BV	41	22.5	923	912	217,288	
8/5/2022	S93	60098	59	100	BV	199	22.5	4,478	4,380	221,668	
8/5/2022	S94	60098	59	100	BV	120	22.5	2,700	2,690	224,358	
8/5/2022	S95	60133	60	100	BV	71	22.5	1,598	1,588	225,946	
8/5/2022	S96	60123	61	100	BV	28	22.5	630	781	226,727	
8/5/2022	S97	60086	61	100	BV	211	22.5	4,748	4,682	231,409	
8/5/2022	S98	60086	61	100	BV	106	22.5	2,385	2,495	233,905	
8/5/2022	S99	60082	63	100	BV	91	22.5	2,048	2,029	235,933	
8/5/2022	S100	60083	64	100	BV	39.5	22.5	889	939	236,872	
8/5/2022	S101	60083	64	100	BV	12	22.5	270	231	237,103	
8/10/2022	S102	60044	67	100	TW	162	22.5	3,645	3,369	240,472	
8/10/2022	S103	60043	67	100	TW	166	22.5	3,735	3,411	243,883	
8/10/2022	S104	60041	67	100	TW	67	22.5	1,508	1,400	245,283	
8/10/2022	S105	60041	67	100	TW	164.5	22.5	3,701	3,381	248,664	
8/10/2022	S106	60093	67	100	TW	151	22.5	3,398	3,506	252,171	
8/10/2022	S107	60041	67	100	TW	36	22.5	810	947	253,118	
8/10/2022	S108	60042	67	100	TW	111	22.5	2,498	2,277	255,394	
8/10/2022	S109	60042	67	100	TW	159	22.5	3,578	3,605	259,000	
8/10/2022	S110	60093	70	100	TW	24	9	216	80	259,080	
8/10/2022	S111	60093	70	100	TW	50.5	22.5	1,136	1,105	260,184	
8/10/2022	S112	60094	70	100	TW	105	22.5	2,363	2,215	262,399	
8/10/2022	S113	60094	70	100	TW	147	22.5	3,308	3,274	265,674	
8/10/2022	S114	60048	70	100	TW	168	22.5	3,780	3,617	269,291	
8/10/2022	S115	60100	70	100	TW	66.5	21	1,397	682	269,973	
8/10/2022	S116	60100	70	100	TW	23.5	22.5	529	3,132	273,105	
8/10/2022	S117	60107	70	100	TW	85.5	10	855	686	273,791	
8/10/2022	S118	60107	70	100	TW	123	22.5	2,768	2,985	276,776	
8/10/2022	S119	60106	70	100	TW	161	22.5	3,623	3,332	280,108	
8/10/2022	S120	60108	72	100	TW	29.5	22.5	664	646	280,754	

**Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction**



Secondary 100-mil Geomembrane Panel Deployment Summary

Deployment Date	Panel Number	Roll Number	Ambient Temp. (°F)	Average Thickness (mil)	QA Monitor	Approximate Quantities			Surveyed Quantities		Remarks
						Length (ft)	Width (ft)	Area (ft²)	Area (ft²)	Cumulative Area (ft²)	
8/10/2022	S121	60108	72	100	TW	86	22.5	1,935	1,780	282,534	
8/10/2022	S122	60108	72	100	TW	135.5	22.5	3,049	2,729	285,263	
8/11/2022	S123	60125	75	100	TW	101	22.5	2,273	2,203	287,466	
8/11/2022	S124	60125	75	100	TW	103	22.5	2,318	2,235	289,701	
8/11/2022	S125	60125	75	100	TW	102	22.5	2,295	2,179	291,880	
8/11/2022	S126	60051	75	100	TW	102.5	22.5	2,306	2,292	294,172	
8/11/2022	S127	60051	75	100	TW	104	13	1,352	1,299	295,471	
8/11/2022	S128	60051	75	100	TW	84	22.5	1,890	1,889	297,360	
8/11/2022	S129	60045	75	100	TW	16	22.5	360	351	297,711	
8/11/2022	S130	60045	75	100	TW	102	18	1,836	1,824	299,535	
8/11/2022	S131	60045	75	100	TW	18	11	198	237	299,773	
8/11/2022	S132	60045	75	100	TW	88	12.5	1,100	1,685	301,457	
8/11/2022	S133	60047	75	100	TW	327	22.5	7,358	6,328	307,785	
8/11/2022	S134	60049	75	100	TW	316.5	22.5	7,121	7,372	315,157	
8/11/2022	S135	60046	75	100	TW	325	22.5	7,313	6,989	322,147	
8/11/2022	S136	60129	75	100	TW	205	22.5	4,613	4,316	326,463	
8/11/2022	S137	60129	75	100	TW	109	22.5	2,453	2,044	328,507	
8/11/2022	S138	60040	75	100	TW	88	22.5	1,980	1,851	330,358	
8/11/2022	S139	60040	75	100	TW	61	22.5	1,373	1,163	331,522	
8/11/2022	S140	60040	75	100	TW	28	14	392	172	331,694	
8/11/2022	S141	60040	75	100	TW	68	22.5	1,530	1,291	332,985	
8/11/2022	S142	60045	75	100	TW	55	22.5	1,238	1,123	334,108	
8/11/2022	S143	60056	75	100	TW	43	22.5	968	875	334,982	
8/11/2022	S144	60056	75	100	TW	53	22.5	1,193	1,166	336,148	
8/11/2022	S145	60056	75	100	TW	40	22.5	900	928	337,076	
8/11/2022	S146	60056	75	100	TW	30	22.5	675	654	337,731	
8/11/2022	S147	60056	75	100	TW	40	22.5	900	873	338,604	
8/11/2022	S148	60056	75	100	TW	29	22.5	653	644	339,248	
8/11/2022	S149	60045	75	100	TW	23	22.5	518	471	339,719	
8/11/2022	S150	60056	75	100	TW	18	22.5	405	294	340,013	

Cripple Creek & Victor Gold Mining Company

Valley Leach Facility 2 Phase 3

Stage A.1 Record of Construction

Secondary 100-mil Geomembrane Panel Deployment Summary



Deployment Date	Panel Number	Roll Number	Ambient Temp. (°F)	Average Thickness (mil)	QA Monitor	Approximate Quantities			Surveyed Quantities		Remarks
						Length (ft)	Width (ft)	Area (ft²)	Area (ft²)	Cumulative Area (ft²)	
8/12/2022	S151	60053	68	100	TW	22.5	156.5	3,521	3,483	343,496	
8/12/2022	S152	60060	68	100	TW	39.75	22	875	730	344,226	
8/12/2022	S153	60060	68	100	TW	118	22.5	2,655	2,449	346,675	
8/12/2022	S154	60060	68	100	TW	28.5	17	485	426	347,101	
8/12/2022	S155	60103	68	100	TW	95	22.5	2,138	2,033	349,134	
8/12/2022	S156	60103	68	100	TW	147	22.5	3,308	3,413	352,547	
8/12/2022	S157	60052	74	100	TW	161	22.5	3,623	3,369	355,916	
8/12/2022	S158	60052	74	100	TW	48.25	22.5	1,086	828	356,744	
8/12/2022	S159	60111	74	100	TW	129	22.5	2,903	2,955	359,698	
8/12/2022	S160	60104	74	100	TW	160	22.5	3,600	3,336	363,034	
8/12/2022	S161	60110	74	100	TW	160	22.5	3,600	3,393	366,428	
8/12/2022	S162	60102	74	100	TW	156	22.5	3,510	3,297	369,725	
8/12/2022	S163	60101	74	100	TW	155.5	22.5	3,499	3,442	373,167	
8/12/2022	S164	60113	71	100	TW	154	22.5	3,465	3,332	376,499	
8/13/2022	S165	60105	65	100	GF	160	22.5	3,600	3,343	379,841	
8/13/2022	S166	60109	65	100	GF	153	22.5	3,443	3,277	383,118	
8/13/2022	S167	60109	65	100	GF	151	22.5	3,398	3,201	386,320	
8/13/2022	S168	60097	65	100	GF	147	22.2	3,263	3,079	389,399	
8/13/2022	S169	60052	65	100	GF	79	22.5	1,778	1,482	390,880	
8/13/2022	S170	60110	65	100	GF	20	23	460	373	391,253	
8/13/2022	S171	60110	70	100	GF	102	22.5	2,295	2,208	393,461	
8/13/2022	S172	60097	70	100	GF	130	22.5	2,925	2,624	396,085	
8/13/2022	S173	60102	70	100	GF	184	22.5	4,140	3,220	399,306	
8/13/2022	S174	60095	70	100	GF	118	22.5	2,655	2,437	401,743	
8/13/2022	S175	60096	70	100	GF	212	22.5	4,770	4,488	406,230	
8/13/2022	S176	60061	70	100	GF	72	22.5	1,620	1,526	407,756	
8/13/2022	S177	60061	70	100	GF	264	22.5	5,940	5,721	413,477	
8/13/2022	S178	60054	70	100	GF	270	22.5	6,075	5,002	418,479	
8/13/2022	S179	60054	70	100	GF	25	22.5	563	369	418,849	
8/13/2022	S180	60055	70	100	GF	218	22.5	4,905	3,962	422,810	

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Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary 100-mil Geomembrane Panel Deployment Summary



Deployment Date	Panel Number	Roll Number	Ambient Temp. (°F)	Average Thickness (mil)	QA Monitor	Approximate Quantities			Surveyed Quantities		Remarks
						Length (ft)	Width (ft)	Area (ft²)	Area (ft²)	Cumulative Area (ft²)	
8/13/2022	S181	60055	70	100	GF	88.5	22.5	1,991	1,914	424,724	
8/13/2022	S182	60055	70	100	GF	41	19	779	420	425,144	
8/13/2022	S183	60057	75	100	GF	29	22.5	653	269	425,413	
8/13/2022	S184	60057	75	100	GF	51	22.5	1,148	843	426,256	
8/13/2022	S185	60057	75	100	GF	258	22.5	5,805	5,166	431,423	
8/13/2022	S186	60063	75	100	GF	163	22.5	3,668	2,904	434,326	
8/13/2022	S187	60063	75	100	GF	78	22.5	1,755	1,047	435,373	
8/18/2022	S188	60068	64	100	BV	160.5	23.75	3,812	3,301	438,675	
8/18/2022	S189	60068	64	100	BV	132	22.5	2,970	2,831	441,505	
8/18/2022	S190	60070	65	100	BV	97.5	22.5	2,194	2,454	443,960	
8/18/2022	S191	60070	65	100	BV	89.5	17	1,522	1,272	445,232	
8/18/2022	S192	60070	65	100	BV	86	17	1,462	1,701	446,933	
8/18/2022	S193	60070	66	100	BV	38	17	646	576	447,509	
8/18/2022	S194	60062	66	100	BV	143.5	22.5	3,229	3,005	450,514	
8/18/2022	S195	60062	66	100	BV	122	22.5	2,745	2,452	452,966	
8/18/2022	S196	60071	66	100	BV	98.5	22.5	2,216	1,878	454,844	
8/19/2022	S197	60071	50	100	BV	127	22.5	2,858	2,540	457,384	
8/19/2022	S198	60113	50	100	BV	119	22.5	2,678	2,356	459,740	
8/19/2022	S199	60114	50	100	TW	118	22.5	2,655	2,175	461,914	
8/19/2022	S200	60101	50	100	TW	90	22.5	2,025	2,306	464,220	
8/19/2022	S201	60050	50	100	TW	96.5	22.5	2,171	2,122	466,342	
8/19/2022	S202	60050	50	100	TW	68.5	22.5	1,541	1,577	467,919	
8/19/2022	S203	60050	55	100	TW	42	14	294	212	468,132	
8/19/2022	S204	60050	55	100	TW	93	22.5	2,093	1,968	470,100	
8/19/2022	S205	60096	55	100	TW	69	22.5	1,553	939	471,038	
8/19/2022	S206	60096	55	100	TW	76	22.5	1,710	240	471,279	
8/19/2022	S207	60096	55	100	TW	69	22.5	1,553	1,469	472,748	
8/19/2022	S208	60096	55	100	TW	47	22.5	1,058	1,577	474,325	
8/19/2022	S209	60096	55	100	TW	26	20	260	1,457	475,782	
8/19/2022	S210	60090	55	100	TW	69	22.5	1,553	1,368	477,151	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary 100-mil Geomembrane Panel Deployment Summary



Deployment Date	Panel Number	Roll Number	Ambient Temp. (°F)	Average Thickness (mil)	QA Monitor	Approximate Quantities			Surveyed Quantities		Remarks
						Length (ft)	Width (ft)	Area (ft²)	Area (ft²)	Cumulative Area (ft²)	
8/19/2022	S211	60090	55	100	TW	62	22.5	1,395	1,273	478,423	
8/19/2022	S212	60090	55	100	TW	55	22.5	1,238	1,168	479,591	
8/19/2022	S213	60090	55	100	TW	50	22.5	1,125	1,079	480,670	
8/19/2022	S214	60090	55	100	TW	44	22.5	990	969	481,639	
8/19/2022	S215	60105	60	100	TW	66.5	22.5	1,496	1,226	482,865	
8/19/2022	S216	60105	60	100	TW	46	22.5	518	211	483,076	
8/19/2022	S217	60105	60	100	TW	68	22.5	1,530	1,510	484,587	
8/19/2022	S218	60104	60	100	TW	134	22.5	3,015	2,647	487,234	
8/19/2022	S219	60060	60	100	TW	149	22.5	3,353	3,337	490,571	
8/19/2022	S220	60100	60	100	TW	50	22.5	1,125	1,093	491,664	
8/19/2022	S221	60100	60	100	TW	105	22.5	2,363	2,387	494,051	
8/19/2022	S222	60059	60	100	TW	90	22.5	2,025	1,961	496,012	
8/19/2022	S223	60059	60	100	TW	191	22.5	4,298	4,362	500,374	
8/19/2022	S224	60048	60	100	TW	51	22.5	1,148	1,280	501,654	
8/19/2022	S225	60059	60	100	TW	33	13	215	206	501,860	
8/19/2022	S226	60048	60	100	TW	71	20	1,420	1,382	503,243	
8/19/2022	S227	60065	60	100	TW	60	22.5	1,350	1,265	504,508	
8/19/2022	S228	60065	60	100	TW	143	22.5	3,218	3,006	507,514	
8/19/2022	S229	60058	60	100	TW	158	21.5	3,397	3,409	510,924	
8/19/2022	S230	60065	60	100	TW	95.5	18.5	1,767	1,926	512,850	
8/19/2022	S231	60058	60	100	TW	80	9.5	760	723	513,573	
8/19/2022	S232	60058	60	100	TW	43	22.5	968	772	514,345	
8/19/2022	S233	60044	60	100	TW	32	21	672	561	514,906	
8/19/2022	S234	60044	60	100	TW	28	5	70	65	514,971	
8/20/2022	S235	60044	50	100	TW	23	4	46	60	515,031	



APPENDIX I.2.1 – SECONDARY GEOMEMBRANE FUSION TRIAL SEAM SUMMARY

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Trial Seam Summary



Date	Sample Number	Time	Machine Number	Operator	Ambient Air Temp. (°F)	Machine Settings		Test Results								QA Monitor	Remarks
						Temp. (°F)	Speed (ft/min)	Inside Peel (Min. = 125 ppi)		Outside Peel (Min. = 125 ppi)		Shear (Minimum = 150 ppi)		Pass/Fail			
								Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹				
7/25/2022	TF-1	12:31 PM	11	GS	70	825	11.0	151	BRK	171	BRK	205	BRK	Pass	BV, MM	Smooth/Smooth	
								176	BRK	175	BRK						
7/25/2022	TF-2	12:43 PM	10	AG	70	800	10.0	170	BRK	174	BRK	205	BRK	Pass	BV, MM	Smooth/Smooth	
								170	BRK	185	BRK						
7/25/2022	TF-3	6:45 AM	11	GS	55	825	10.0	189	BRK	183	BRK	239	BRK	Pass	BV, MM	Smooth/Smooth	
								182	BRK	191	BRK						
7/25/2022	TF-4	7:08 AM	12	FC	57	850	7.5	188	BRK	185	BRK	232	BRK	Pass	BV, MM	Smooth/Smooth	
								190	BRK	182	BRK						
7/25/2022	TF-5	7:43 AM	32	AG	57	800	9.0	172	BRK	175	BRK	220	BRK	Pass	BV, MM	Smooth/Smooth	
								180	BRK	177	BRK						
7/25/2022	TF-6	8:50 AM	32	AG	57	850	8.0	159	BRK	179	BRK	212	BRK	Pass	BV, MM	Textured/Textured	
								183	BRK	182	BRK						
7/25/2022	TF-7	12:35 PM	32	AG	70	800	10.0	154	BRK	156	BRK	207	BRK	Pass	BV, MM	Smooth/Smooth	
								152	BRK	156	BRK						
7/25/2022	TF-8	12:37 PM	12	GS	70	850	8.5	158	BRK	165	BRK	209	BRK	Pass	BV, MM	Smooth/Smooth	
								167	BRK	164	BRK						
7/25/2022	TF-9	12:45 PM	32	AG	70	800	9.0	171	BRK	161	BRK	210	BRK	Pass	BV, MM	Textured/Textured	
								173	BRK	174	BRK						
7/28/2022	TF-10	11:56 AM	12	GS	52	850	7.5	175	BRK	169	BRK	202	BRK	Pass	MM	Smooth/Smooth	
								171	BRK	180	BRK						
7/28/2022	TF-11	12:03 PM	32	AG	52	800	10.0	168	BRK	171	BRK	202	BRK	Pass	MM	Smooth/Smooth	
								173	BRK	175	BRK						
7/29/2022	TF-12	9:44 AM	32	AG	52	800	9.0	170	BRK	165	BRK	205	BRK	Pass	MM	Smooth/Smooth	
								168	BRK	162	BRK						
7/29/2022	TF-13	9:47 AM	12	GS	52	850	7.5	177	BRK	177	BRK	211	BRK	Pass	MM	Smooth/Smooth	
								175	BRK	177	BRK						
7/29/2022	TF-14	1:15 PM	32	AG	57	800	10.0	157	BRK	174	BRK	204	BRK	Pass	MM	Smooth/Smooth	
								169	BRK	169	BRK						
7/29/2022	TF-15	1:20 PM	12	GS	57	850	7.5	162	BRK	176	BRK	214	BRK	Pass	MM	Smooth/Smooth	
								183	BRK	183	BRK						
8/1/2022	TF-16	12:57 PM	12	GS	70	850	7.5	155	BRK	153	BRK	204	BRK	Pass	BV	Smooth/Smooth	
								157	BRK	152	BRK						

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Trial Seam Summary



Date	Sample Number	Time	Machine Number	Operator	Ambient Air Temp. (°F)	Machine Settings		Test Results								QA Monitor	Remarks
						Temp. (°F)	Speed (ft/min)	Inside Peel (Min. = 125 ppi)		Outside Peel (Min. = 125 ppi)		Shear (Minimum = 150 ppi)		Pass/Fail			
								Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹				
8/1/2022	TF-17	12:58 PM	32	AG	70	850	9.0	169	BRK	164	BRK	208	BRK	Pass	BV	Smooth/Smooth	
								163	BRK	168	BRK						
8/1/2022	TF-18	1:03 PM	32	AG	70	850	8.0	171	BRK	161	BRK	204	BRK	Pass	BV	Textured/Textured	
								181	BRK	178	BRK						
8/2/2022	TF-19	11:27 AM	32	AG	67	800	7.0	175	BRK	205	BRK	190	BRK	Pass	BV	Textured/Textured	
								179	BRK	204	BRK						
8/2/2022	TF-20	12:10 PM	32	AG	68	800	7.0	171	BRK	162	BRK	209	BRK	Pass	BV	Smooth/Smooth	
								173	BRK	161	BRK						
8/2/2022	TF-21	12:40 PM	12	GS	68	850	7.5	182	BRK	172	BRK	202	BRK	Pass	BV	Smooth/Smooth	
								182	BRK	169	BRK						
8/3/2022	TF-22	6:48 AM	12	GS	52	850	8.0	208	BRK	169	BRK	230	BRK	Pass	BV	Smooth/Smooth	
								202	BRK	182	BRK						
8/3/2022	TF-23	8:27 AM	11	AG	61	800	9.0	166	BRK	171	BRK	210	BRK	Pass	BV	Smooth/Smooth	
								159	BRK	173	BRK						
8/3/2022	TF-24	8:31 AM	11	AG	61	800	8.0	162	BRK	175	BRK	213	BRK	Pass	BV	Textured/Textured	
								168	BRK	182	BRK						
8/4/2022	TF-25	10:28 AM	12	GS	66	850	8.5	155	BRK	156	BRK	202	BRK	Pass	BV	Smooth/Smooth	
								154	BRK	154	BRK						
8/4/2022	TF-26	11:10 AM	32	AG	66	800	9.0	154	BRK	161	BRK	206	BRK	Pass	BV	Smooth/Smooth	
								154	BRK	165	BRK						
8/4/2022	TF-27	11:31 AM	11	FC	68	850	10.0	155	BRK	153	BRK	204	BRK	Pass	BV	Smooth/Smooth	
								165	BRK	155	BRK						
8/4/2022	TF-28	11:40 AM	32	AG	69	800	9.0	157	BRK	155	BRK	209	BRK	Pass	BV	Textured/Textured	
								152	BRK	155	BRK						
8/4/2022	TF-29	2:34 PM	12	GS	70	850	9.5	156	BRK	157	BRK	202	BRK	Pass	BV	Textured/Textured	
								155	BRK	152	BRK						
8/5/2022	TF-30	6:51 AM	32	AG	55	800	9.0	204	BRK	175	BRK	216	BRK	Pass	MM	Smooth/Smooth	
								182	BRK	201	BRK						
8/5/2022	TF-31	6:55 AM	12	GS	55	850	8.5	182	BRK	176	BRK	220	BRK	Pass	MM	Smooth/Smooth	
								170	BRK	176	BRK						
8/5/2022	TF-32	6:52 AM	32	AG	55	800	8.0	208	BRK	196	BRK	217	BRK	Pass	MM	Textured/Textured	
								208	BRK	196	BRK						

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Trial Seam Summary



Date	Sample Number	Time	Machine Number	Operator	Ambient Air Temp. (°F)	Machine Settings		Test Results								QA Monitor	Remarks
						Temp. (°F)	Speed (ft/min)	Inside Peel (Min. = 125 ppi)		Outside Peel (Min. = 125 ppi)		Shear (Minimum = 150 ppi)		Pass/Fail			
								Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹				
8/5/2022	TF-33	7:04 AM	12	GS	57	850	8.5	192	BRK	193	BRK	218	BRK	Pass	MM	Textured/Textured	
								198	BRK	194	BRK						
8/5/2022	TF-34	7:44 AM	11	FC	57	850	10.0	158	BRK	162	BRK	205	BRK	Pass	MM	Smooth/Smooth	
								160	BRK	164	BRK						
8/5/2022	TF-35	7:50 AM	11	FC	57	850	9.0	181	BRK	180	BRK	210	BRK	Pass	MM	Textured/Textured	
								187	BRK	183	BRK						
8/10/2022	TF-36	7:07 AM	12	GS	52	850	8.0	183	BRK	182	BRK	232	BRK	Pass	BV	Smooth/Smooth	
								191	BRK	188	BRK						
8/10/2022	TF-37	7:27 AM	32	AG	52	800	9.0	166	BRK	177	BRK	205	BRK	Pass	BV	Smooth/Smooth	
								185	BRK	181	BRK						
8/10/2022	TF-38	12:32 PM	32	AG	66	800	10.0	188	BRK	182	BRK	207	BRK	Pass	BV	Smooth/Smooth	
								175	BRK	184	BRK						
8/10/2022	TF-39	12:31 PM	12	GS	66	850	8.5	177	BRK	175	BRK	219	BRK	Pass	BV	Smooth/Smooth	
								180	BRK	181	BRK						
8/11/2022	TF-40	10:20 AM	32	AG	66	800	9.0	164	BRK	173	BRK	212	BRK	Pass	BM	Smooth/Smooth	
								173	BRK	174	BRK						
8/11/2022	TF-41	10:24 AM	12	GS	66	850	8.5	168	BRK	164	BRK	210	BRK	Pass	BM	Smooth/Smooth	
								161	BRK	175	BRK						
8/11/2022	TF-42	10:28 AM	32	AG	66	800	8.0	168	BRK	181	BRK	205	BRK	Pass	BM	Textured/Textured	
								181	BRK	191	BRK						
8/11/2022	TF-43	1:49 PM	11	FC	71	850	12.0	179	BRK	157	BRK	207	BRK	Pass	BM	Smooth/Smooth	
								156	BRK	157	BRK						
8/11/2022	TF-44	3:20 PM	32	AG	68	800	8.0	165	BRK	164	BRK	210	BRK	Pass	BM	Smooth/Textured	
								169	BRK	170	BRK						
8/11/2022	TF-45	3:25 PM	32	AG	68	800	10.0	182	BRK	181	BRK	215	BRK	Pass	BM	Smooth/Smooth	
								189	BRK	182	BRK						
8/11/2022	TF-46	3:34 PM	12	GS	68	850	8.5	183	BRK	174	BRK	214	BRK	Pass	BM	Smooth/Smooth	
								175	BRK	176	BRK						
8/11/2022	TF-47	3:40 PM	12	GS	68	850	8.5	181	BRK	188	BRK	205	BRK	Pass	BM	Smooth/Textured	
								194	BRK	182	BRK						
8/11/2022	TF-48	3:46 PM	12	GS	68	850	8.5	190	BRK	188	BRK	225	BRK	Pass	BM	Textured/Textured	
								191	BRK	199	BRK						

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Trial Seam Summary



Date	Sample Number	Time	Machine Number	Operator	Ambient Air Temp. (°F)	Machine Settings		Test Results								QA Monitor	Remarks
						Temp. (°F)	Speed (ft/min)	Inside Peel (Min. = 125 ppi)		Outside Peel (Min. = 125 ppi)		Shear (Minimum = 150 ppi)		Pass/Fail			
								Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹				
8/11/2022	TF-49	3:48 PM	11	FC	68	850	11.5	191	BRK	190	BRK	213	BRK	Pass	BM	Smooth/Textured	
								170	BRK	197	BRK						
8/12/2022	TF-50	10:11 AM	32	AG	65	800	10.0	186	BRK	178	BRK	203	BRK	Pass	GF	Smooth/Smooth	
								180	BRK	172	BRK						
8/12/2022	TF-51	10:12 AM	32	AG	65	800	9.0	187	BRK	172	BRK	205	BRK	Pass	GF	Textured/Smooth	
								182	BRK	176	BRK						
8/12/2022	TF-52	10:06 AM	12	GS	65	850	8.5	196	BRK	186	BRK	203	BRK	Pass	GF	Smooth/Smooth	
								180	BRK	177	BRK						
8/12/2022	TF-53	10:10 AM	12	GS	65	850	8.5	169	BRK	182	BRK	206	BRK	Pass	GF	Textured/Textured	
								181	BRK	174	BRK						
8/13/2022	TF-54	6:43 AM	12	GS	55	850	8.5	202	BRK	198	BRK	221	BRK	Pass	BM	Smooth/Smooth	
								198	BRK	207	BRK						
8/13/2022	TF-55	6:47 AM	12	GS	55	850	8.5	204	BRK	216	BRK	239	BRK	Pass	BM	Smooth/Textured	
								217	BRK	193	BRK						
8/13/2022	TF-56	6:55 AM	32	AG	55	800	9.0	202	BRK	202	BRK	229	BRK	Pass	BM	Smooth/Smooth	
								204	BRK	195	BRK						
8/13/2022	TF-57	7:00 AM	32	AG	56	800	8.5	200	BRK	198	BRK	235	BRK	Pass	BM	Smooth/Textured	
								213	BRK	194	BRK						
8/13/2022	TF-58	12:29 PM	32	AG	75	800	10.0	164	BRK	153	BRK	165	BRK	Pass	GF	Smooth/Smooth	
								145	BRK	158	BRK						
8/13/2022	TF-59	12:22 PM	12	GS	75	850	9.0	153	BRK	159	BRK	170	BRK	Pass	GF	Smooth/Smooth	
								152	BRK	158	BRK						
8/13/2022	TF-60	12:26 PM	12	GS	75	850	9.0	166	BRK	167	BRK	172	BRK	Pass	GF	Textured/Textured	
								167	BRK	166	BRK						
8/13/2022	TF-61	12:42 PM	32	AG	75	800	8.0	174	BRK	169	BRK	199	BRK	Pass	GF	Textured/Textured	
								176	BRK	170	BRK						
8/13/2022	TF-62	2:31 PM	11	FC	71	850	12.5	171	BRK	170	BRK	200	BRK	Pass	BM	Textured/Textured	
								176	BRK	174	BRK						
8/13/2022	TF-63	3:10 PM	12	GS	73	850	9.0	178	BRK	177	BRK	201	BRK	Pass	BM	Textured/Textured	
								170	BRK	173	BRK						
8/18/2022	TF-64	11:04 AM	12	GS	65	850	8.5	183	BRK	193	BRK	215	BRK	Pass	BV	Smooth/Smooth	
								162	BRK	163	BRK						

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Trial Seam Summary



Date	Sample Number	Time	Machine Number	Operator	Ambient Air Temp. (°F)	Machine Settings		Test Results						QA Monitor	Remarks	
						Temp. (°F)	Speed (ft/min)	Inside Peel (Min. = 125 ppi)		Outside Peel (Min. = 125 ppi)		Shear (Minimum = 150 ppi)				Pass/Fail
								Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹			
8/18/2022	TF-65	11:14 AM	82	AG	65	850	11.0	188	BRK	207	BRK	207	BRK	Pass	BV	Smooth/Smooth
								180	BRK	200	BRK					
8/18/2022	TF-66	11:07 AM	12	GS	65	850	8.5	198	BRK	208	BRK	216	BRK	Pass	BV	Textured/Textured
								207	BRK	218	BRK					
8/18/2022	TF-67	11:05 AM	82	AG	65	850	9.0	200	BRK	180	BRK	208	BRK	Pass	BV	Textured/Textured
								203	BRK	190	BRK					
8/19/2022	TF-68	6:47 AM	12	GS	50	850	8.5	194	BRK	182	BRK	224	BRK	Pass	BV	Smooth/Smooth
								193	BRK	183	BRK					
8/19/2022	TF-69	6:50 AM	11	AG	50	850	11.0	198	BRK	193	BRK	236	BRK	Pass	BV	Smooth/Smooth
								197	BRK	203	BRK					
8/19/2022	TF-70	6:56 AM	11	AG	50	850	10.0	201	BRK	209	BRK	237	BRK	Pass	BV	Textured/Textured
								210	BRK	203	BRK					
8/19/2022	TF-71	6:51 AM	12	GS	50	850	8.5	206	BRK	228	BRK	262	BRK	Pass	BV	Textured/Textured
								217	BRK	235	BRK					
8/19/2022	TF-72	12:20 PM	12	GS	65	850	8.5	193	BRK	199	BRK	221	BRK	Pass	BV	Smooth/Smooth
								198	BRK	183	BRK					
8/19/2022	TF-73	12:20 PM	11	AG	65	850	11.0	196	BRK	196	BRK	200	BRK	Pass	BV	Smooth/Textured
								196	BRK	192	BRK					
8/19/2022	TF-74	12:22 PM	12	GS	65	850	8.5	191	BRK	201	BRK	201	BRK	Pass	BV	Textured/Textured
								185	BRK	109	BRK					
8/19/2022	TF-75	12:21 PM	11	AG	65	850	10.0	192	BRK	170	BRK	205	BRK	Pass	BV	Textured/Textured
								180	BRK	185	BRK					
8/20/2022	TF-76	6:46 AM	12	GS	50	850	8.5	190	BRK	190	BRK	236	BRK	Pass	TW	Smooth/Smooth
								192	BRK	210	BRK					
8/20/2022	TF-77	6:50 AM	11	AG	50	850	8.5	199	BRK	193	BRK	224	BRK	Pass	TW	Smooth/Smooth
								187	BRK	199	BRK					
8/20/2022	TF-78	6:50 AM	12	GS	50	850	8.5	199	BRK	202	BRK	235	BRK	Pass	TW	Textured/Textured
								213	BRK	198	BRK					
8/20/2022	TF-79	6:54 AM	11	AG	50	850	8.5	215	BRK	208	BRK	233	BRK	Pass	TW	Textured/Textured
								200	BRK	199	BRK					
8/22/2022	TF-80	6:30 AM	12	GS	46	850	8.5	199	BRK	180	BRK	224	BRK	Pass	TW	Smooth/Smooth
								199	BRK	200	BRK					

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Trial Seam Summary



Date	Sample Number	Time	Machine Number	Operator	Ambient Air Temp. (°F)	Machine Settings		Test Results						QA Monitor	Remarks	
						Temp. (°F)	Speed (ft/min)	Inside Peel (Min. = 125 ppi)		Outside Peel (Min. = 125 ppi)		Shear (Minimum = 150 ppi)				Pass/Fail
								Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹			
8/22/2022	TF-81	6:30 AM	11	AG	46	850	8.0	200	BRK	196	BRK	221	BRK	Pass	TW	Smooth/Smooth
								206	BRK	196	BRK					
8/22/2022	TF-82	6:31 AM	12	GS	46	850	8.5	217	BRK	221	BRK	225	BRK	Pass	TW	Textured/Textured
								214	BRK	196	BRK					
8/22/2022	TF-83	6:35 AM	11	AG	46	850	8.0	201	BRK	208	BRK	238	BRK	Pass	TW	Textured/Textured
								193	BRK	218	BRK					
8/23/2022	TF-84	2:30 PM	12	GS	61	850	8.5	196	BRK	200	BRK	214	BRK	Pass	BM	Textured/Textured
								202	BRK	208	BRK					
8/24/2022	TF-85	6:39 AM	12	GS	45	850	7.5	192	BRK	197	BRK	229	BRK	Pass	BM	Textured/Textured
								211	BRK	201	BRK					



APPENDIX I.2.2 – SECONDARY GEOMEMBRANE EXTRUSION TRIAL SEAM SUMMARY

Cripple Creek & Victor Gold Mining Company

Valley Leach Facility 2 Phase 3

Stage A.1 Record of Construction

Secondary Geomembrane Extrusion Trial Seam Summary



Date	Sample Number	Time	Machine Number	Operator	Ambient Air Temp. (°F)	Machine Settings		Test Results					QA Monitor	Remarks
						Pre-Heat Temp. (°F)	Extruder Temp. (°F)	Peel (Min. = 100 ppi)		Shear (Min. = 120 ppi)		Pass/Fail		
								Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹			
7/27/2022	TX-1	9:37 AM	30	WL	54	550	550	178	SE1	192	BRK	Pass	MM	
								165	SE1					
7/27/2022	TX-2	9:55 AM	1	GS	54	550	550	167	SE1	169	BRK	Pass	MM	
								167	SE1					
7/27/2022	TX-3	12:40 PM	30	WL	68	550	550	164	SE1	171	BRK	Pass	MM	
								157	SE1					
7/27/2022	TX-4	12:54 PM	1	GS	68	550	550	185	SE1	194	BRK	Pass	MM	
								188	SE1					
8/1/2022	TX-5	8:18 AM	1	GS	61	550	550	165	SE1	214	BRK	Pass	BV	
								167	SE1					
8/1/2022	TX-6	8:05 AM	47	WL	61	550	550	167	SE1	211	BRK	Pass	BV	
								158	SE1					
8/4/2022	TX-7	7:15 AM	1	GS	53	550	550	145	SE1	208	BRK	Pass	BV	
								146	SE1					
8/4/2022	TX-8	7:18 AM	47	WL	53	550	550	147	SE1	205	BRK	Pass	BV	
								144	SE1					
8/5/2022	TX-9	10:13 AM	1	GS	68	550	550	158	SE1	207	BRK	Pass	BV	
								157	SE1					
8/5/2022	TX-10	10:37 AM	30	JLO	70	550	550	175	SE1	203	BRK	Pass	BV	
								182	SE1					
8/8/2022	TX-11	8:02 AM	30	JLO	55	550	550	193	SE1	209	BRK	Pass	BV	
								187	SE1					
8/8/2022	TX-12	8:05 AM	1	GS	55	550	550	165	SE1	208	BRK	Pass	BV	
								160	SE1					
8/8/2022	TX-13	12:45 PM	1	GS	66	550	550	148	SE1	202	BRK	Pass	BV	
								180	SE1					
8/8/2022	TX-14	12:52 PM	30	JLO	67	550	550	176	SE1	205	BRK	Pass	BV	
								178	SE1					

Cripple Creek & Victor Gold Mining Company

Valley Leach Facility 2 Phase 3

Stage A.1 Record of Construction

Secondary Geomembrane Extrusion Trial Seam Summary



Date	Sample Number	Time	Machine Number	Operator	Ambient Air Temp. (°F)	Machine Settings		Test Results					QA Monitor	Remarks
						Pre-Heat Temp. (°F)	Extruder Temp. (°F)	Peel (Min. = 100 ppi)		Shear (Min. = 120 ppi)		Pass/Fail		
								Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹			
8/9/2022	TX-15	6:46 AM	30	JLO	53	550	550	141	SE1	213	BRK	Pass	BV	
								170	SE1					
8/9/2022	TX-16	6:49 AM	1	GS	53	550	550	131	SE1	218	BRK	Pass	BV	
								140	SE1					
8/9/2022	TX-17	12:42 PM	1	GS	67	550	550	167	SE1	221	BRK	Pass	BV	
								172	SE1					
8/9/2022	TX-18	12:41 PM	30	JLO	67	550	550	182	SE1	210	BRK	Pass	BV	
								183	SE1					
8/14/2022	TX-19	6:44 AM	30	JLO	58	550	550	162	SE1	213	BRK	Pass	BV	
								160	SE1					
8/14/2022	TX-20	6:30 AM	1	GS	58	550	550	179	SE1	230	BRK	Pass	BV	
								178	SE1					
8/14/2022	TX-21	12:36 PM	30	JLO	68	550	550	169	SE1	203	BRK	Pass	BV	
								176	SE1					
8/14/2022	TX-22	12:49 PM	1	GS	68	550	550	165	SE1	201	BRK	Pass	BV	
								164	SE1					
8/15/2022	TX-23	6:43 AM	47	WL	58	550	550	161	SE1	177	BRK	Pass	BV	
								157	SE1					
8/15/2022	TX-24	6:43 AM	30	JLO	58	550	550	201	SE1	228	BRK	Pass	BV	
								206	SE1					
8/15/2022	TX-25	6:45 AM	1	GS	58	550	550	162	SE1	240	BRK	Pass	BV	
								191	SE1					
8/17/2022	TX-26	11:29 AM	1	GS	54	550	550	173	SE1	189	BRK	Pass	BV	
								175	SE1					
8/18/2022	TX-27	9:20 AM	1	GS	59	500	550	151	SE1	161	BRK	Pass	BV	80/80
								145	SE1					
8/18/2022	TX-28	9:23 AM	83	JLO	59	540	550	162	SE1	173	BRK	Pass	BV	80/80
								159	SE1					

Cripple Creek & Victor Gold Mining Company

Valley Leach Facility 2 Phase 3

Stage A.1 Record of Construction

Secondary Geomembrane Extrusion Trial Seam Summary



Date	Sample Number	Time	Machine Number	Operator	Ambient Air Temp. (°F)	Machine Settings		Test Results					QA Monitor	Remarks
						Pre-Heat Temp. (°F)	Extruder Temp. (°F)	Peel (Min. = 100 ppi)		Shear (Min. = 120 ppi)		Pass/Fail		
								Strength (ppi)	Mode ¹	Strength (ppi)	Mode ¹			
8/18/2022	TX-29	3:01 PM	83	JLO	65	550	550	183	SE1	201	BRK	Pass	BV	100/100
								171	SE1					
8/18/2022	TX-30	4:18 PM	1	GS	67	550	550	201	SE1	205	BRK	Pass	BV	100/100
								190	SE1					
8/22/2022	TX-31	8:32 AM	30	JLO	50	550	550	206	SE1	220	BRK	Pass	GF	100/100
								190	SE1					
8/22/2022	TX-32	8:52 AM	1	GS	50	550	550	201	SE1	229	BRK	Pass	GF	100/100
								181	SE1					
8/23/2022	TX-33	6:40 AM	30	JLO	41	550	550	174	SE1	229	BRK	Pass	BM	
								197	SE1					
8/23/2022	TX-34	7:42 AM	1	GS	51	550	550	202	SE1	223	BRK	Pass	BM	
								207	SE1					
8/23/2022	TX-35	10:50 AM	47	WL	60	550	550	183	SE1	211	BRK	Pass	BM	
								176	SE1					
8/23/2022	TX-36	1:18 PM	1	GS	59	550	550	171	SE1	204	BRK	Pass	BM	
								187	SE1					
8/23/2022	TX-37	1:18 PM	30	JLO	59	550	550	192	SE1	214	BRK	Pass	BM	
								208	SE1					
8/24/2022	TX-38	6:31 AM	47	WL	48	550	550	186	SE1	250	BRK	Pass	BM	
								200	SE1					
8/24/2022	TX-39	6:33 AM	30	JLO	48	550	550	197	SE1	251	BRK	Pass	BM	
								187	SE1					
8/24/2022	TX-40	6:40 AM	1	GS	48	550	550	200	SE1	240	BRK	Pass	BM	
								216	SE1					
8/26/2022	TX-41	12:35 PM	47	WL	68	550	550	190	SE1	201	BRK	Pass	BM	
								187	SE1					



APPENDIX I.3 – SECONDARY GEOMEMBRANE FUSION WELDING SUMMARY

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
7/25/22	S1/S2	W	E	12:56 PM	67	GS	10	11	825	825	96	BV	DF-1	90' E of W EOS
7/25/22	S4/S5	E	W	1:17 PM	67	GS	10	11	825	825	95	BV		
7/25/22	S5/S6	W	E	1:34 PM	67	GS	10	11	825	825	95	BV		
7/25/22	S2/S3	W	E	1:04 PM	66	AG	11	11	800	800	95	MM	DF-2	90' E of W EOS
7/25/22	S3/S4	E	W	1:22 PM	66	AG	11	11	800	800	95	MM		
7/25/22	S6/S7	W	E	2:02 PM	65	AG	11	11	800	800	95	MM		
7/26/22	S7/S8	W	E	7:17 AM	57	GS	11	11	825	825	99	MM		
7/26/22	S23/S24	N	S	12:58 PM	70	GS	11	9	850	850	31	MM		
7/26/22	S25/S26	N	S	1:15 PM	70	GS	11	9	850	850	89	MM		
7/26/22	S26/S27	S	N	1:37 PM	70	GS	11	9	850	850	95	MM	DF-5	65' N OF SEOS
7/26/22	S8/S9	W	E	7:20 AM	57	FC	12	7.5	850	850	101	MM		
7/26/22	S9/S10	E	W	7:50 AM	57	FC	12	7.5	850	850	103	MM		
7/26/22	S12/S13	W	E	8:52 AM	62	FC	12	7.5	850	850	105	MM		
7/26/22	S15/S16	E	W	9:27 AM	64	FC	12	7.5	850	850	74	MM		
7/26/22	S13/S16	W	E	9:37 AM	70	FC	12	7.5	850	850	36	MM		
7/26/22	S1/S19	W	E	11:15 AM	70	FC	12	7.5	850	850	85	MM	DF-4	61' E OF WEOS
7/26/22	S21/S22	W	E	11:37 AM	70	FC	12	7.5	850	850	12	MM		
7/26/22	S20/S21	W	E	11:50 AM	70	FC	12	7.5	850	850	34	MM		
7/26/22	S10/S11	W	E	7:57 AM	57	AG	32	9	800	800	105	MM		
7/26/22	S11/S12	E	W	8:21 AM	62	AG	32	9	800	800	105	MM		
7/26/22	S14/S15	E	W	9:08 AM	63	AG	32	8	800	800	16	MM		
7/26/22	S13/S14	E	W	9:17 AM	63	AG	32	9	800	800	16	MM		
7/26/22	S13/S15	E	W	9:21 AM	63	AG	32	9	800	800	54	MM	DF-3	54' W OF EEOS
7/26/22	S17/S18	N	S	10:03 AM	66	AG	32	9	800	800	110	MM		
7/26/22	S16/S17	N	S	10:26 AM	66	AG	32	9	800	800	78	MM		
7/26/22	S16/S18	N	S	10:28 AM	66	AG	32	9	800	800	82	MM		
7/26/22	S19/S20	E	W	11:21 AM	67	AG	32	9	800	800	59	MM		
7/26/22	S24/S25	N	S	1:00 PM	70	AG	32	10	800	800	65	MM		
7/26/22	S22/S23	E	W	1:29 PM	70	AG	32	10	800	800	12	MM		
7/26/22	S21/S23	E	W	1:30 PM	70	AG	32	10	800	800	28	MM		
7/26/22	S20/S24	E	W	1:32 PM	70	AG	32	10	800	800	31	MM		
7/26/22	S19/S24	E	W	1:36 PM	70	AG	32	10	800	800	9	MM		
7/26/22	S19/S25	E	W	1:38 PM	70	AG	32	10	800	800	22	MM	DF-55	7' W OF EEOS
7/26/22	S1/S25	E	W	1:41 PM	70	AG	32	10	800	800	16	MM		
7/26/22	S27/S28	S	N	1:52 PM	70	AG	32	10	800	800	98	MM	DF-6	98' N OF SEOS
7/28/22	S18/S29	S	N	12:48 PM	52	AG	32	10	800	800	112	MM	DF-7	112' N OF SEOS
7/28/22	S31/S32	N	S	1:14 PM	52	AG	32	10	800	800	119	MM		
7/28/22	S32/S33	S	N	1:42 PM	52	AG	32	10	800	800	120	MM		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
7/28/22	S35/S36	N	/ S	2:12 PM	54	AG	32	10	800	800	122	MM		
7/28/22	S29/S30	S	/ N	12:52 PM	52	GS	12	7.5	850	850	113	MM	DF-8	113' N OF SEOS
7/28/22	S30/S31	N	/ S	1:20 PM	52	GS	12	7.5	850	850	117	MM		
7/28/22	S33/S34	S	/ N	1:43 PM	52	GS	12	7.5	850	850	121	MM		
7/28/22	S34/S35	N	/ S	2:10 PM	54	GS	12	7.5	850	850	123	MM		
7/29/22	S36/S37	S	/ N	10:23 AM	54	AG	32	9	800	800	123	MM	DF - 14	118' N OF SEOS
7/29/22	S39/S40	N	/ S	10:52 AM	54	AG	32	9	800	800	130	MM	DF - 10	100' S of NEOS
7/29/22	S 41/S42	S	/ N	1:35 PM	58	AG	32	10	800	800	131	MM		
7/29/22	S43/S44	N	/ S	2:37 PM	56	AG	32	10	800	800	133	MM		
7/29/22	S45/S46	S	/ N	3:05 PM	56	AG	32	10	800	800	113	MM		
7/29/22	S37/S38	S	/ N	10:24 AM	54	GS	12	7.5	850	850	126	MM	DF - 9	126' N of SEOS
7/29/22	S38/S39	N	/ S	10:52 AM	54	GS	12	7.5	850	850	128	MM		
7/29/22	S40/S41	S	/ N	11:20 AM	56	GS	12	7.5	850	850	133	MM		
7/29/22	S42/S43	S	/ N	2:20 AM	58	GS	12	7.5	850	850	140	MM		
7/29/22	S44/S45	N	/ S	2:48 AM	58	GS	12	7.5	850	850	122	MM	DF - 11	43' S of NEOS
8/1/22	S46/S47	N	/ S	1:26 PM	70	GS	12	7.5	850	850	98	BV		
8/1/22	S49/S50	S	/ N	1:51 PM	70	GS	12	7.5	850	850	60	BV		
8/1/22	S50/S51	N	/ S	2:08 PM	70	GS	12	7.5	850	850	48	BV		
8/1/22	S57/S58	E	/ W	2:22 PM	68	GS	12	7.5	850	850	57	BV		
8/1/22	S56/S57	W	/ E	2:36 PM	69	GS	12	7.5	850	850	42	BV		
8/1/22	S58/S59	E	/ W	2:50 PM	68	GS	12	7.5	850	850	70	BV		
8/1/22	S59/S60	W	/ E	3:07 PM	68	GS	12	7.5	850	850	83	BV	DF - 13	25' E of WEOS
8/1/22	S49/S59	S	/ N	3:40 PM	68	GS	12	7.5	850	850	8	BV		
8/1/22	S58/S49	S	/ N	3:42 PM	68	GS	12	7.5	850	850	15	BV		
8/1/22	S50/S58	S	/ N	3:45 PM	68	GS	12	7.5	850	850	11	BV		
8/1/22	S47/S48	S	/ N	1:29 PM	70	AG	32	9	800	800	86	BV	DF - 12	68' N of SEOS
8/1/22	S48/S49	N	/ S	1:52 PM	70	AG	32	9	800	800	75	BV		
8/1/22	S51/S52	S	/ N	2:19 PM	70	AG	32	9	800	800	30	BV		
8/1/22	S52/S53	N	/ S	2:32 PM	68	AG	32	9	800	800	13	BV		
8/1/22	S54/S55	W	/ E	2:42 PM	69	AG	32	9	800	800	11	BV		
8/1/22	S55/S56	E	/ W	2:57 PM	70	AG	32	9	800	800	26	BV		
8/1/22	S47/S60	S	/ N	3:13 PM	68	AG	32	8	800	800	21	BV		
8/1/22	S48/S60	S	/ N	3:23 PM	68	AG	32	8	800	800	8	BV		
8/1/22	S48/S59	S	/ N	3:32 PM	70	AG	32	8	800	800	17	BV		
8/2/22	S50/S57	E	/ W	11:45 AM	68	AG	32	7	800	800	14	MM		
8/2/22	S51/S57	E	/ W	11:47 AM	68	AG	32	7	800	800	12	MM		
8/2/22	S51/S56	E	/ W	11:51 AM	68	AG	32	7	800	800	15	MM		
8/2/22	S52/S56	E	/ W	11:57 AM	68	AG	32	7	800	800	10	MM		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/2/22	S52/S55	E	W	11:58 AM	68	AG	32	7	800	800	17	MM		
8/2/22	S53/S55	E	W	12:00 PM	68	AG	32	7	800	800	7	MM		
8/2/22	S53/S54	E	W	12:02 PM	68	AG	32	7	800	800	10	MM		
8/2/22	S61/S62	W	E	1:14 PM	69	AG	32	9	800	800	110	MM		
8/2/22	S62/S65	W	E	2:00 PM	68	AG	32	9	800	800	45	MM		
8/2/22	S64/S65	W	E	2:22 PM	68	AG	32	9	800	800	102	MM	DF - 15	21' E of WEOS
8/2/22	S62/S63	E	W	2:57 PM	68	AG	32	9	800	800	35	MM		
8/2/22	S63/S64	E	W	2:39 PM	68	AG	32	9	800	800	49	MM		
8/2/22	S62/S64	E	W	3:05 PM	68	AG	32	9	800	800	47	MM		
8/2/22	S60/S61	W	E	1:02 PM	69	GS	12	7.5	850	850	93	MM		
8/2/22	S65/S66	E	W	1:28 PM	69	GS	12	7.5	850	850	141	MM		
8/2/22	S66/S67	W	E	2:44 PM	68	GS	12	7.5	850	850	146	MM		
8/3/22	S67/S68	W	E	7:10 AM	54	GS	12	8	850	850	149	MM	DF - 16	8' E of WEOS
8/3/22	S72/S73	S	N	8:26 AM	61	GS	12	8	850	850	138	MM		
8/3/22	S68/S72	E	W	9:01 AM	62	GS	12	8	850	850	59	MM		
8/3/22	S68/S73	E	W	9:10 AM	62	GS	12	8	850	850	19	MM		
8/3/22	S73/S74	N	S	9:40 AM	64	GS	12	8	850	850	150	MM	DF - 17	135' S of NEOS
8/3/22	S75/S76	S	N	10:15 AM	64	GS	12	8	850	850	159	MM		
8/3/22	S44/S63	S	N	11:34 AM	64	GS	12	8	850	850	19	MM		
8/3/22	S45/S62	S	N	11:37 AM	64	GS	12	8	850	850	23	MM		
8/3/22	S68/S69	E	W	9:09 AM	62	AG	11	9	800	800	98	MM		
8/3/22	S69/S72	W	E	9:16 AM	62	AG	11	8	800	800	41	MM		
8/3/22	S71/S72	E	W	9:27 AM	62	AG	11	9	800	800	63	MM		
8/3/22	S70/S71	E	W	9:40 AM	62	AG	11	8	800	800	26	MM		
8/3/22	S69/S70	W	E	9:45 AM	54	AG	11	9	800	800	15	MM	DF-42	5' N OF SEOS
8/3/22	S69/S71	W	E	9:47 AM	54	AG	11	9	800	800	36	MM		
8/3/22	S74/S75	S	N	10:06 AM	64	AG	11	9	800	800	154	MM	DF - 18	40' N of SEOS
8/3/22	S76/S77	N	S	10:30 AM	64	AG	11	9	800	800	156	MM		
8/3/22	S46/S61	W	E	11:19 AM	63	AG	11	8	800	800	16	MM		
8/4/22	S80/S82	E	W	12:26 PM	70	FC	11	10	850	850	36	MM		
8/4/22	S81/S82	E	W	12:28 PM	70	FC	11	10	850	850	261	MM		
8/4/22	S84/S86	E	W	1:23 PM	70	FC	11	10	850	850	30	MM	DF-56	7' W OF EEOS
8/4/22	S85/S86	E	W	1:26 PM	70	FC	11	10	850	850	284	MM	DF - 21	110' W of EEOS
8/4/22	S80/S81	E	W	11:46 AM	66	AG	32	9	800	800	22.5	MM		
8/4/22	S79/S81	W	E	12:31 PM	69	AG	32	9	800	800	323	MM	DF - 20	151' E OF WEOS
8/4/22	S84/S85	S	N	1:17 PM	70	AG	32	9	800	800	22.5	MM		
8/4/22	S83/S85	S	N	1:22 PM	70	AG	32	9	800	800	328	MM	DF-22	306' W OF EEOS
8/4/22	S13/S78	E	W	2:13 PM	71	AG	32	9	800	800	9	MM		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/4/22	S16/S78	E	W	2:16 PM	71	AG	32	9	800	800	20	MM		
8/4/22	S18/S78	E	W	2:18 PM	71	AG	32	9	800	800	12	MM		
8/4/22	S29/S78	E	W	2:21 PM	71	AG	32	9	800	800	22.5	MM		
8/4/22	S30/S78	E	W	2:23 PM	71	AG	32	9	800	800	22.5	MM		
8/4/22	S31/S78	E	W	2:25 PM	71	AG	32	9	800	800	22.5	MM		
8/4/22	S32/S78	E	W	2:28 PM	71	AG	32	9	800	800	22.5	MM		
8/4/22	S33/S78	E	W	2:34 PM	71	AG	32	9	800	800	22.5	MM		
8/4/22	S34/S78	E	W	2:41 PM	71	AG	32	9	800	800	22.5	MM		
8/4/22	S35/S78	E	W	2:44 PM	71	AG	32	9	800	800	22.5	MM		
8/4/22	S36/S78	E	W	3:12 PM	70	AG	32	9	800	800	22.5	MM		
8/4/22	S37/S78	E	W	3:15 PM	70	AG	32	9	800	800	22.5	MM		
8/4/22	S38/S78	E	W	3:17 PM	70	AG	32	9	800	800	22.5	MM		
8/4/22	S39/S78	E	W	3:19 PM	70	AG	32	9	800	800	22.5	MM		
8/4/22	S40/S78	E	W	3:21 PM	70	AG	32	9	800	800	22.5	MM		
8/4/22	S78/S79	E	W	11:18 AM	66	GS	12	8.5	850	850	295	MM	DF - 19	264' W of EEOS
8/4/22	S82/S83	E	W	12:40 PM	69	GS	12	8.5	850	850	297	MM		
8/4/22	S86/S87	E	W	1:40 PM	70	GS	12	8.5	850	850	319	MM	DF - 23	152' W OF EEOS
8/4/22	S1/S86	E	W	3:03 PM	70	GS	12	8.5	850	850	7	MM		
8/4/22	S2/S86	E	W	3:04 PM	70	GS	12	8.5	850	850	8	MM		
8/4/22	S2/S84	E	W	3:06 PM	70	GS	12	8.5	850	850	14	MM		
8/4/22	S3/S84	E	W	3:08 PM	70	GS	12	8.5	850	850	23	MM		
8/4/22	S27/S87	E	W	2:48 PM	70	GS	12	8.5	850	850	23	MM		
8/4/22	S26/S87	E	W	2:52 PM	70	GS	12	8.5	850	850	5	MM		
8/4/22	S26/S86	E	W	2:54 PM	70	GS	12	8.5	850	850	17	MM		
8/4/22	S4/S83	E	W	3:12 PM	70	GS	12	8.5	850	850	20	MM		
8/4/22	S5/S83	E	W	3:15 PM	70	GS	12	8.5	850	850	20	MM		
8/4/22	S6/S82	E	W	3:19 PM	70	GS	12	8.5	850	850	21	MM		
8/4/22	S7/S82	E	W	3:32 PM	70	GS	12	8.5	850	850	18	MM		
8/4/22	S8/S80	E	W	3:36 PM	70	GS	12	8.5	850	850	21	MM		
8/4/22	S9/S80	E	W	3:39 PM	70	GS	12	8.5	850	850	20	MM		
8/4/22	S10/S79	E	W	3:45 PM	70	GS	12	8.5	850	850	22	MM		
8/4/22	S11/S79	E	W	3:48 PM	70	GS	12	8.5	850	850	15	MM		
8/4/22	S11/S78	E	W	3:51 PM	70	GS	12	8.5	850	850	6	MM		
8/4/22	S12/S78	E	W	3:52 PM	70	GS	12	8.5	850	850	22	MM		
8/5/22	S40/S88	E	W	7:15 AM	63	AG	32	8	800	800	5	MM		
8/5/22	S41/S88	E	W	7:16 AM	63	AG	32	8	800	800	22.5	MM		
8/5/22	S42/S88	E	W	7:20 AM	63	AG	32	8	800	800	22.5	MM		
8/5/22	S43/S88	E	W	7:27 AM	63	AG	32	8	800	800	18	MM		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/5/22	S78/S88	S	N	7:36 AM	63	AG	32	8	800	800	22.5	MM		
8/5/22	S78/S89	E	W	8:03 AM	63	AG	32	8	800	800	40	MM		
8/5/22	S88/S89	E	W	8:13 AM	63	AG	32	8	800	800	65	MM	DF-24	17' W OF EOS
8/5/22	S79/S89	N	S	8:32 AM	63	AG	32	8	800	800	22.5	MM		
8/5/22	S81/S89	E	W	8:40 AM	63	AG	32	8	800	800	10	MM		
8/5/22	S99/S100	S	N	8:59 AM	64	AG	32	8	800	800	22	MM		
8/5/22	S98/S99	S	N	9:08 AM	66	AG	32	8	800	800	22	MM		
8/5/22	S87/S98	S	N	9:20 AM	66	AG	32	8	800	800	22	MM		
8/5/22	S96/S98	E	W	9:29 AM	66	AG	32	8	800	800	19	MM		
8/5/22	S97/S98	E	W	9:31 AM	66	AG	32	8	800	800	91	MM		
8/5/22	S97/S99	E	W	9:40 AM	66	AG	32	8	800	800	91	MM		
8/5/22	S97/S100	E	W	9:50 AM	66	AG	32	8	800	800	33	MM		
8/5/22	S94/S95	S	N	8:00 AM	60	FC	11	9	850	850	22	BV		
8/5/22	S93/S94	E	W	8:07 AM	61	FC	11	10	850	850	117	BV		
8/5/22	S93/S95	E	W	8:20 AM	63	FC	11	10	850	850	71	BV		
8/5/22	S85/S94	S	N	8:35 AM	64	FC	11	10	850	850	22	BV		
8/5/22	S96/S97	S	N	8:42 AM	64	FC	11	9	850	850	22	BV		
8/5/22	S86/S96	S	N	8:55 AM	64	FC	11	9	850	850	22	BV		
8/5/22	S85/S96	E	W	9:00 AM	64	FC	11	10	850	850	34	BV	DF-26	30' W OF EOS
8/5/22	S85/S97	E	W	9:06 AM	64	FC	11	10	850	850	8	BV		
8/5/22	S94/S97	E	W	9:08 AM	64	FC	11	10	850	850	120	BV		
8/5/22	S95/S97	E	W	9:21 AM	64	FC	11	10	850	850	71	BV		
8/5/22	S97/S101	E	W	9:29 AM	66	FC	11	10	850	850	11	BV		
8/5/22	S64/S88	N	S	9:34 AM	66	FC	11	9	850	850	22	BV		
8/5/22	S65/S89	N	S	9:37 AM	66	FC	11	9	850	850	23	BV		
8/5/22	S66/S90	N	S	9:40 AM	68	FC	11	9	850	850	23	BV		
8/5/22	S67/S92	N	S	9:53 AM	68	FC	11	9	850	850	21	BV		
8/5/22	S68/S92	N	S	9:57 AM	68	FC	11	9	850	850	1	BV		
8/5/22	S68/S93	N	S	9:58 AM	68	FC	11	9	850	850	21	BV		
8/5/22	S69/S93	N	S	9:59 AM	68	FC	11	9	850	850	2	BV		
8/5/22	S69/S101	N	S	10:00 AM	68	FC	11	9	850	850	21	BV		
8/5/22	S70/S101	N	S	10:02 AM	68	FC	11	9	850	850	1	BV		
8/5/22	S70/S97	N	S	10:03 AM	68	FC	11	9	850	850	13	BV		
8/5/22	S71/S97	E	W	10:04 AM	68	FC	11	9	850	850	11	BV		
8/5/22	S71/S100	E	W	10:09 AM	68	FC	11	9	850	850	12	BV		
8/5/22	S72/S100	E	W	10:10 AM	68	FC	11	9	850	850	13	BV		
8/5/22	S89/S90	E	W	7:30 AM	58	GS	12	8.5	850	850	93	MM	DF-25	31' W OF EOS
8/5/22	S93/S101	S	N	7:56 AM	58	GS	12	8.5	850	850	22.5	MM		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/5/22	S91/S92	E	W	7:56 AM	58	GS	12	8	850	850	22	MM		
8/5/22	S81/S90	N	S	8:06 AM	61	GS	12	8.5	850	850	22.5	MM		
8/5/22	S81/S91	E	W	8:15 AM	61	GS	12	8.5	850	850	73	MM		
8/5/22	S90/S91	E	W	8:26 AM	63	GS	12	8.5	850	850	48	MM		
8/5/22	S90/S92	E	W	8:33 AM	64	GS	12	8.5	850	850	41	MM		
8/5/22	S93/S101	E	W	8:35 AM	64	GS	12	8.5	850	850	11	MM		
8/5/22	S95/S101	S	N	8:46 AM	65	GS	12	8.5	850	850	22.5	MM		
8/5/22	S82/S91	E	W	9:03 AM	65	GS	12	8.5	850	850	22.5	MM		
8/5/22	S83/S93	S	N	9:11 AM	65	GS	12	8.5	850	850	22.5	MM		
8/5/22	S82/S93	E	W	9:23 AM	65	GS	12	8.5	850	850	38	MM	DF-41	8' N OF SEOS, D-247
8/5/22	S91/S93	E	W	9:28 AM	65	GS	12	8.5	850	850	121	MM	DF-27	95' W OF EEOS
8/5/22	S92/S93	E	W	9:44 AM	65	GS	12	8.5	850	850	40	MM		
8/10/22	S77/S102	S	N	8:34 AM	61	AG	32	9	800	800	158	BV	DF-28	99' N OF SEOS
8/10/22	S105/S103	N	S	9:07 AM	64	AG	32	9	800	800	31	BV		
8/10/22	S105/S104	N	S	9:12 AM	64	AG	32	9	800	800	134	BV		
8/10/22	S105/S106	S	N	10:28 AM	66	AG	32	9	800	800	166	BV		
8/10/22	S106/S107	N	S	11:08 AM	66	AG	32	9	800	800	72	BV		
8/10/22	S106/S108	N	S	11:17 AM	66	AG	32	9	800	800	79	BV	DF-29	18' S OF NEOS
8/10/22	S112/S113	N	S	12:48 PM	66	AG	32	10	800	800	131	BV		
8/10/22	S111/S112	S	N	1:06 PM	66	AG	32	10	800	800	79	BV		
8/10/22	S113/S114	N	S	1:17 PM	67	AG	32	10	800	800	167	BV	DF-31	158' S OF NEOS
8/10/22	S115/S116	S	N	1:48 PM	67	AG	32	10	800	800	79	BV		
8/10/22	S117/S118	W	E	2:34 PM	67	AG	32	10	800	800	90	BV		
8/10/22	S116/S117	N	S	2:49 PM	67	AG	32	10	800	800	88	BV		
8/10/22	S116/S118	N	S	3:22 PM	67	AG	32	10	800	800	62	BV		
8/10/22	S121/S122	E	W	3:33 PM	67	AG	32	10	800	800	115	BV	DF-33	95' W OF EEOS
8/10/22	S119/S120	W	E	3:43 PM	67	AG	32	10	800	800	49	BV		
8/10/22	S119/S121	W	E	3:50 PM	67	AG	32	10	800	800	51	BV		
8/10/22	S119/S122	W	E	3:55 PM	67	AG	32	10	800	800	51	BV		
8/10/22	S102/S103	S	N	8:46 AM	67	GS	12	8	850	850	166	GF		
8/10/22	S103/S104	N	S	9:12 AM	67	GS	12	8	850	850	31	GF		
8/10/22	S103/S104	S	N	9:39 AM	67	GS	12	8	850	850	21	GF		
8/10/22	S103/S104	S	N	10:30 AM	67	GS	12	8	850	850	79	GF		
8/10/22	S106/S109	S	N	10:57 AM	67	GS	12	8	850	850	14	GF		
8/10/22	S108/S109	S	N	11:00 AM	67	GS	12	8	850	850	149	GF	DF-30	100' N OF SEOS
8/10/22	S107/S108	N	S	11:32 AM	67	GS	12	8	850	850	73	GF		
8/10/22	S110/S111	S	N	12:59 PM	70	GS	12	8	850	850	24	GF		
8/10/22	S109/S110	N	S	1:06 PM	70	GS	12	8	850	850	22	GF		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/10/22	S109/S111	E	W	1:08 PM	70	GS	12	8	850	850	56	GF		
8/10/22	S109/S112	E	W	1:16 PM	70	GS	12	8	850	850	50	GF		
8/10/22	S109/S113	E	W	1:36 PM	70	GS	12	8	850	850	40	GF		
8/10/22	S114/S115	E	W	2:08 PM	70	GS	12	8	850	850	73	GF		
8/10/22	S114/S116	E	W	2:20 PM	70	GS	12	8	850	850	79	GF		
8/10/22	S114/S118	E	W	2:32 PM	70	GS	12	8	850	850	17	GF		
8/10/22	S118/S119	E	W	3:07 PM	70	GS	12	8	850	850	164	GF	DF-32	4' W OF EEOS
8/10/22	S120/S121	W	E	3:30 PM	70	GS	12	8	850	850	56	GF		
8/11/22	S28/S123	N	S	10:56 AM	68	AG	32	9	800	800	99	GF		
8/11/22	S123/S124	S	N	11:15 AM	68	AG	32	9	800	800	103	GF		
8/11/22	S128/S129	W	E	12:44 PM	70	AG	32	8	800	800	23	GF		
8/11/22	S127/S129	N	S	1:02 PM	70	AG	32	8	800	800	13	GF		
8/11/22	S127/S128	N	S	1:04 PM	70	AG	32	9	800	800	97	GF	DF-35	50' S OF NEOS
8/11/22	S130/S131	S	N	1:20 PM	70	AG	32	9	800	800	38	GF		
8/11/22	S134/S135	S	N	2:10 PM	70	AG	32	9	800	800	315	GF		
8/11/22	S143/S144	W	E	4:02 PM	70	AG	32	10	800	800	40	GF		
8/11/22	S137/S144	W	E	4:08 PM	70	AG	32	10	800	800	18	GF	DF-39	5' E OF WEOS
8/11/22	S144/S145	W	E	4:17 PM	70	AG	32	10	800	800	47	GF		
8/11/22	S145/S146	W	E	4:26 PM	70	AG	32	10	800	800	37	GF		
8/11/22	S146/S147	W	E	4:33 PM	70	AG	32	10	800	800	24	GF		
8/11/22	S136/S147	W	E	4:37 PM	70	AG	32	10	800	800	20	GF		
8/11/22	S147/S148	W	E	4:39 PM	70	AG	32	10	800	800	37	GF		
8/11/22	S124/S125	N	S	11:00 AM	75	GS	12	8.5	850	850	103	TW		
8/11/22	S125/S126	N	S	11:22 AM	75	GS	12	8.5	850	850	101	TW		
8/11/22	S126/S127	N	S	11:43 AM	75	GS	12	8.5	850	850	104	TW	DF-34	60' S OF NEOS
8/11/22	S128/S130	S	N	12:55 PM	75	GS	12	8.5	850	850	84	TW		
8/11/22	S129/S130	S	N	1:10 PM	75	GS	12	8.5	850	850	18	TW		
8/11/22	S130/S132	S	N	1:17 PM	75	GS	12	8.5	850	850	54	TW		
8/11/22	S131/S132	N	S	1:30 PM	75	GS	12	8.5	850	850	34	TW		
8/11/22	S133/S134	N	S	2:00 PM	75	GS	12	8.5	850	850	318	TW	DF-37	236' W OF EEOS
8/11/22	S136/S137	E	W	2:51 PM	75	GS	12	8.5	850	850	118	TW		
8/11/22	S132/S138	E	W	3:17 PM	75	GS	12	8.5	850	850	87	TW		
8/11/22	S141/S142	E	W	3:56 PM	75	GS	12	8.5	850	850	57	TW		
8/11/22	S142/S143	E	W	4:11 PM	75	GS	12	8.5	850	850	46	TW		
8/11/22	S136/S146	E	W	4:43 PM	75	GS	12	8.5	850	850	22	TW		
8/11/22	S136/S145	E	W	4:47 PM	75	GS	12	8.5	850	850	23	TW		
8/11/22	S136/S144	E	W	4:50 PM	75	GS	12	8.5	850	850	23	TW		
8/11/22	S137/S143	N	S	4:55 PM	75	GS	12	8.5	850	850	23	TW	DF-40	12' S OF NEOS

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/11/22	S137/S142	N	/ S	4:57 PM	75	GS	12	8.5	850	850	22	TW		
8/11/22	S137/S141	N	/ S	4:59 PM	75	GS	12	8.5	850	850	22	TW		
8/11/22	S87/S133	E	/ W	2:08 PM	71	FC	11	12	850	850	301	AB	DF-36	3' W OF EEOS
8/11/22	S98/S133	E	/ W	2:36 PM	71	FC	11	12	850	850	35	AB		
8/11/22	S135/S136	E	/ W	3:01 PM	71	FC	11	12	850	850	214	AB	DF-38	157' W OF EEOS
8/11/22	S139/S140	N	/ S	3:31 PM	71	FC	11	12	850	850	36	AB		
8/11/22	S138/S139	N	/ S	3:51 PM	71	FC	11	11.5	850	850	83	AB		
8/11/22	S139/S141	N	/ S	4:04 PM	71	FC	11	11.5	850	850	40	AB		
8/11/22	S140/S141	W	/ E	4:11 PM	71	FC	11	11.5	850	850	25	AB		
8/11/22	S148/S149	W	/ E	4:32 PM	71	FC	11	11.5	850	850	26	AB		
8/11/22	S149/S150	W	/ E	4:38 PM	71	FC	11	11.5	850	850	18	AB		
8/11/22	S150/S135	W	/ E	5:00 PM	71	FC	11	11.5	850	850	22	AB		
8/11/22	S149/S135	W	/ E	5:03 PM	71	FC	11	11.5	850	850	23	AB		
8/11/22	S148/S135	W	/ E	5:05 PM	71	FC	11	11.5	850	850	22	AB		
8/11/22	S147/S135	W	/ E	5:06 PM	71	FC	11	11.5	850	850	23	AB		
8/11/22	S126/S135	W	/ E	5:29 PM	71	FC	11	11.5	850	850	17	AB		
8/11/22	S137/S139	W	/ E	5:04 PM	75	GS	12	8.5	850	850	2	GF		
8/11/22	S137/S138	W	/ E	5:05 PM	75	GS	12	8.5	850	850	25	GF		
8/11/22	S132/S137	W	/ E	5:08 PM	75	GS	12	8.5	850	850	19	GF		
8/11/22	S130/S137	W	/ E	5:11 PM	75	GS	12	8.5	850	850	7	GF		
8/11/22	S129/S136	W	/ E	5:20 PM	75	GS	12	8.5	850	850	22	GF		
8/11/22	S127/S136	W	/ E	5:24 PM	75	GS	12	8.5	850	850	8	GF		
8/11/22	S126/S136	W	/ E	5:25 PM	75	GS	12	8.5	850	850	6	GF		
8/11/22	S125/S135	W	/ E	5:26 PM	75	GS	12	8.5	850	850	18	GF		
8/11/22	S125/S135	W	/ E	5:31 PM	75	GS	12	8.5	850	850	17	GF		
8/11/22	S125/S134	W	/ E	5:33 PM	75	GS	12	8.5	850	850	3	GF		
8/11/22	S124/S134	W	/ E	5:34 PM	75	GS	12	8.5	850	850	22	GF		
8/11/22	S123/S134	W	/ E	5:37 PM	75	GS	12	8.5	850	850	6	GF		
8/11/22	S123/S133	W	/ E	5:38 PM	75	GS	12	8.5	850	850	14	GF		
8/11/22	S28/S133	W	/ E	5:40 PM	75	GS	12	8.5	850	850	16	GF		
8/12/22	S119/S131	E	/ W	11:08 AM	67	AG	32	10	800	800	10	GF		
8/12/22	S122/S151	E	/ W	11:10 AM	67	AG	32	10	800	800	154	GF		
8/12/22	S152/S153	W	/ E	11:38 AM	67	AG	32	10	800	800	79	GF		
8/12/22	S155/S156	N	/ S	12:32 PM	74	AG	32	10	800	800	132	GF	DF-43	70' S OF NEOS
8/12/22	S154/S155	N	/ S	1:06 PM	74	AG	32	10	800	800	57	GF		
8/12/22	S153/S154	S	/ N	1:18 PM	74	AG	32	10	800	800	56	GF		
8/12/22	S153/S155	S	/ N	1:23 PM	74	AG	32	10	800	800	75	GF		
8/12/22	S153/S156	S	/ N	1:29 PM	74	AG	32	10	800	800	28	GF		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/12/22	S159/S160	S	/ N	1:48 PM	74	AG	32	10	800	800	160	GF		
8/12/22	S160/S161	S	/ N	2:15 PM	74	AG	32	10	800	800	160	GF	DF-45	40' N OF SEOS
8/12/22	S162/S163	N	/ S	2:43 PM	74	AG	32	10	800	800	159	GF		
8/12/22	S151/S153	E	/ W	11:31 AM	68	GS	12	8.5	850	850	79	TW		
8/12/22	S151/S152	E	/ W	11:43 AM	68	GS	12	8.5	850	850	80	TW		
8/12/22	S156/S157	S	/ N	12:42 PM	74	GS	12	8.5	850	850	162	TW	DF-44	80' N OF SEOS
8/12/22	S157/S159	N	/ S	1:19 PM	74	GS	12	8.5	850	850	61	TW		
8/12/22	S158/S159	N	/ S	1:31 PM	74	GS	12	8.5	850	850	98	TW		
8/12/22	S157/S158	S	/ N	1:47 PM	74	GS	12	8.5	850	850	95	TW		
8/12/22	S161/S162	N	/ S	2:23 PM	74	GS	12	8.5	850	850	159	TW		
8/12/22	S163/S164	S	/ N	3:10 PM	71	GS	12	8.5	850	850	153	TW	DF-46	3' N OF SEOS
8/13/22	S181/S184	S	/ N	2:42 PM	70	FC	11	12.5	850	850	22	BM		
8/13/22	S182/S183	S	/ N	2:44 PM	70	FC	11	12.5	850	850	18	BM		
8/13/22	S183/S184	E	/ W	2:47 PM	70	FC	11	12.5	850	850	25	BM		
8/13/22	S181/S183	E	/ W	2:49 PM	70	FC	11	12.5	850	850	3	BM		
8/13/22	S181/S182	E	/ W	2:50 PM	70	FC	11	12.5	850	850	45	BM	DF-52	30' W OF SEOS
8/13/22	S99/S184	E	/ W	3:00 PM	73	FC	11	12.5	850	850	7	BM		
8/13/22	S100/S184	E	/ W	3:02 PM	73	FC	11	12.5	850	850	19	BM		
8/13/22	S100/S183	E	/ W	3:06 PM	73	FC	11	12.5	850	850	27	BM		
8/13/22	S73/S182	E	/ W	3:25 PM	73	FC	11	12.5	850	850	22	BM		
8/13/22	S74/S182	E	/ W	3:29 PM	73	FC	11	12.5	850	850	22	BM		
8/13/22	S75/S181	E	/ W	3:33 PM	73	FC	11	12.5	850	850	22	BM		
8/13/22	S76/S181	E	/ W	3:34 PM	73	FC	11	12.5	850	850	22	BM		
8/13/22	S77/S181	E	/ W	3:36 PM	73	FC	11	12.5	850	850	22	BM		
8/13/22	S102/S181	E	/ W	3:38 PM	73	FC	11	12.5	850	850	4	BM		
8/13/22	S102/S180	E	/ W	3:47 PM	73	FC	11	12.5	850	850	19	BM		
8/13/22	S103/S180	E	/ W	3:50 PM	73	FC	11	12.5	850	850	23	BM		
8/13/22	S104/S180	E	/ W	3:54 PM	73	FC	11	12.5	850	850	17	BM		
8/13/22	S104/S178	E	/ W	3:58 PM	73	FC	11	12.5	850	850	6	BM		
8/13/22	S165/S166	N	/ S	8:52 AM	65	GS	12	8.5	850	850	153	BM		
8/13/22	S166/S167	S	/ N	9:19 AM	68	GS	12	8.5	850	850	150	BM		
8/13/22	S171/S172	N	/ S	10:00 AM	70	GS	12	8.5	850	850	127	BM	DF-48	27' S OF NEOS
8/13/22	S168/S172	S	/ N	10:54 AM	70	GS	12	8.5	850	850	8	BM		
8/13/22	S168/S171	S	/ N	10:54 AM	70	GS	12	8.5	850	850	45	BM		
8/13/22	S177/S179	S	/ N	1:23 PM	73	GS	12	9	850	850	23	BM		
8/13/22	S176/S179	E	/ W	1:30 PM	73	GS	12	9	850	850	15	BM		
8/13/22	S176/S177	E	/ W	1:32 PM	73	GS	12	9	850	850	55	BM		
8/13/22	S175/S177	E	/ W	1:39 PM	73	GS	12	9	850	850	212	BM		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/13/22	S173/S185	W	E	2:10 PM	71	GS	12	9	850	850	148	BM	DF-50	3' E OF WEOS
8/13/22	S174/S185	W	E	2:28 PM	71	GS	12	9	850	850	117	BM		
8/13/22	S185/S186	W	E	2:47 PM	71	GS	12	9	850	850	161	BM		
8/13/22	S186/S187	W	E	3:12 PM	73	GS	12	9	850	850	77	BM	DF-53	77' E OF WEOS
8/13/22	S164/S165	N	S	8:45 AM	70	AG	32	9	800	800	157	GF		
8/13/22	S167/S168	S	N	9:29 AM	70	AG	32	9	800	800	147	GF	DF-47	30' N OF SEOS
8/13/22	S169/S168	S	N	10:30 AM	70	AG	32	9	800	800	92	GF		
8/13/22	S169/S171	S	N	10:46 AM	70	AG	32	9	800	800	44	GF		
8/13/22	S170/S171	S	N	10:49 AM	70	AG	32	9	800	800	45	GF		
8/13/22	S169/S170	S	N	10:59 AM	70	AG	32	9	800	800	40	GF		
8/13/22	S119/S151	S	N	11:10 AM	70	AG	32	9	800	800	6	GF		
8/13/22	S173/S174	S	N	1:00 PM	70	AG	32	8	800	800	22	GF		
8/13/22	S175/S176	S	N	1:07 PM	70	AG	32	8	800	800	22	GF		
8/13/22	S174/S176	E	W	1:16 PM	70	AG	32	9	800	800	71	GF	DF-49	55' W OF EEOS
8/13/22	S174/S175	E	W	1:25 PM	70	AG	32	9	800	800	45	GF		
8/13/22	S173/S175	E	W	1:28 PM	70	AG	32	9	800	800	184	GF		
8/13/22	S178/S179	E	W	1:59 PM	70	AG	32	9	800	800	25	GF		
8/13/22	S177/S178	E	W	2:03 PM	70	AG	32	9	800	800	242	GF	DF-51	220' W OF EEOS
8/13/22	S178/S180	E	W	2:34 PM	70	AG	32	9	800	800	215	GF		
8/13/22	S180/S184	E	W	3:05 PM	70	AG	32	9	800	800	44	GF		
8/13/22	S180/S181	E	W	3:15 PM	70	AG	32	9	800	800	118	GF		
8/13/22	S163/S186	W	E	3:45 PM	73	GS	12	9	850	850	23	BM		
8/13/22	S164/S186	W	E	3:48 PM	73	GS	12	9	850	850	22	BM		
8/13/22	S165/S186	W	E	3:51 PM	77	GS	12	9	850	850	23	BM		
8/13/22	S166/S186	W	E	4:04 PM	71	GS	12	9	850	850	13	BM		
8/13/22	S166/S187	W	E	4:09 PM	71	GS	12	9	850	850	12	BM		
8/13/22	S167/S187	W	E	4:11 PM	71	GS	12	9	850	850	22	BM		
8/13/22	S168/S187	W	E	4:13 PM	71	GS	12	9	850	850	23	BM		
8/13/22	S169/S187	W	E	4:14 PM	71	GS	12	9	850	850	22	BM		
8/13/22	S159/S185	W	E	4:28 PM	71	GS	12	9	850	850	13	BM		
8/13/22	S160/S185	W	E	4:29 PM	71	GS	12	9	850	850	23	BM		
8/13/22	S156/S185	W	E	4:31 PM	71	GS	12	9	850	850	3	BM		
8/13/22	S161/S185	W	E	4:33 PM	71	GS	12	9	850	850	22	BM		
8/13/22	S162/S185	W	E	4:34 PM	71	GS	12	9	850	850	15	BM		
8/13/22	S162/S186	W	E	4:40 PM	71	GS	12	9	850	850	8	BM		
8/13/22	S105/S178	E	W	3:59 PM	73	FC	11	12.5	850	850	22	BM		
8/13/22	S106/S178	E	W	4:04 PM	71	FC	11	12.5	850	850	18	BM		
8/13/22	S109/S178	E	W	4:10 PM	71	FC	11	12.5	850	850	12	BM		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/13/22	S109/S177	E	W	4:15 PM	71	FC	11	12.5	850	850	13	BM		
8/13/22	S113/S177	E	W	4:18 PM	71	FC	11	12.5	850	850	5	BM		
8/13/22	S114/S177	E	W	4:19 PM	71	FC	11	12.5	850	850	12	BM		
8/13/22	S114/S175	N	S	4:20 PM	71	FC	11	12.5	850	850	11	BM		
8/13/22	S119/S175	N	S	4:23 PM	71	FC	11	12.5	850	850	11	BM		
8/13/22	S119/S173	N	S	4:24 PM	71	FC	11	12.5	850	850	6	BM		
8/13/22	S151/S173	N	S	4:25 PM	71	FC	11	12.5	850	850	23	BM		
8/13/22	S156/S173	W	E	4:28 PM	71	FC	11	12.5	850	850	15	BM		
8/13/22	S157/S185	W	E	4:31 PM	71	FC	11	12.5	850	850	23	BM	DF-54	22' E OF WEOS
8/18/22	S189/S134	S	N	11:34 AM	65	AG	32	11	850	850	22.5	BV	DF-59	3' N OF SEOS
8/18/22	S190/S135	S	N	11:40 AM	65	AG	32	9	850	850	22.5	BV		
8/18/22	S191/S150	S	N	12:31 PM	67	AG	32	9	850	850	14	BV		
8/18/22	S135/S189	E	W	12:41 PM	67	AG	32	11	850	850	18	BV		
8/18/22	S189/S190	E	W	12:45 PM	67	AG	32	11	850	850	99	BV		
8/18/22	S190/S191	E	W	1:08 PM	66	AG	32	11	850	850	92	BV		
8/18/22	S192/S191	W	E	1:37 PM	66	AG	32	9	850	850	22	BV		
8/18/22	S194/S195	N	S	1:50 PM	66	AG	32	11	850	850	133	BV		
8/18/22	S192/S191	N	S	2:15 PM	66	AG	32	9	850	850	49	BV		
8/18/22	S150/S192	N	S	2:24 PM	66	AG	32	9	850	850	23	BV	DF-60	11' S OF NEOS
8/18/22	S149/S192	N	S	2:28 PM	66	AG	32	9	850	850	14	BV		
8/18/22	S193/S149	N	S	2:30 PM	66	AG	32	9	850	850	10	BV		
8/18/22	S148/S193	N	S	2:31 PM	66	AG	32	9	850	850	24	BV		
8/18/22	S147/S193	N	S	2:35 PM	66	AG	32	9	850	850	5	BV		
8/19/22	S198/S199	N	S	7:12 AM	51	AG	11	11	850	850	125	BV		
8/18/22	S98/S188	E	W	11:20 AM	65	GS	12	8.5	850	850	75	BV		
8/18/22	S99/S188	E	W	11:30 AM	65	GS	12	8.5	850	850	90	BV		
8/18/22	S133/S188	S	N	12:34 PM	67	GS	12	8.5	850	850	23	BV		
8/18/22	S134/S188	E	W	12:41 PM	67	GS	12	8.5	850	850	21	BV		
8/18/22	S188/S189	E	W	12:47 PM	67	GS	12	8.5	850	850	138	BV	DF-58	38' W OF EEOS
8/18/22	S192/S193	S	N	1:29 PM	66	GS	12	8.5	850	850	21	BV		
8/18/22	S192/S194	N	S	1:40 PM	66	GS	12	8.5	850	850	84	BV		
8/18/22	S193/S194	N	S	1:51 PM	66	GS	12	8.5	850	850	38	BV		
8/18/22	S195/S196	S	N	2:11 PM	67	GS	12	8.5	850	850	110	BV		
8/18/22	S191/S194	N	S	2:35 PM	67	GS	12	8.5	850	850	27	BV	DF-61	27' S OF NEOS, D354
8/18/22	S171/S196	N	S	3:22 PM	65	GS	12	8.5	850	850	23	BV		
8/18/22	S172/S196	N	S	3:02 PM	65	GS	12	8.5	850	850	22	BV		
8/18/22	S170/S196	N	S	3:37 PM	65	GS	12	8.5	850	850	23	BV		
8/19/22	S200/S201	W	E	7:40 AM	52	AG	11	11	850	850	104	BV		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/19/22	S202/S203	W	E	8:15 AM	56	AG	11	11	850	850	42	BV		
8/19/22	S203/S204	W	E	8:25 AM	58	AG	11	11	850	850	35	BV		
8/19/22	S202/S204	W	E	8:32 AM	58	AG	11	11	850	850	54	BV		
8/19/22	S206/S207	N	S	9:00 AM	58	AG	11	11	850	850	71	BV		
8/19/22	S205/S206	S	N	9:16 AM	61	AG	11	11	850	850	77	BV	DF-63	49' N OF SEOS
8/19/22	S207/S210	N	S	9:35 AM	62	AG	11	11	850	850	68	BV		
8/19/22	S210/S211	S	N	9:50 AM	62	AG	11	11	850	850	64	BV		
8/19/22	S211/S212	N	S	10:07 AM	62	AG	11	11	850	850	59	BV		
8/19/22	S200/S215	E	W	10:26 AM	64	AG	11	11	850	850	90	BV		
8/19/22	S199/S200	W	E	10:46 AM	64	AG	11	10	850	850	21	BV		
8/19/22	S199/S215	S	N	11:01 AM	65	AG	11	10	850	850	49	BV		
8/19/22	S199/S216	S	N	11:06 AM	65	AG	11	11	850	850	47	BV		
8/19/22	S219/S220	W	E	11:31 AM	65	AG	11	10	850	850	23	BV		
8/19/22	S221/S222	W	E	11:40 AM	65	AG	11	10	850	850	23	BV		
8/19/22	S219/S221	N	S	11:47 AM	65	AG	11	11	850	850	106	BV	DF-64	8' S OF NEOS
8/19/22	S219/S222	N	S	12:00 PM	65	AG	11	11	850	850	41	BV		
8/19/22	S220/S222	N	S	12:05 PM	65	AG	11	11	850	850	49	BV		
8/19/22	S223/S224	N	S	12:33 PM	65	AG	11	11	850	850	64	BV		
8/19/22	S224/S225	N	S	12:47 PM	65	AG	11	11	850	850	43	BV		
8/19/22	S226/S227	S	N	1:02 PM	65	AG	11	10	850	850	23	BV		
8/19/22	S226/S228	W	E	1:07 PM	65	AG	11	11	850	850	75	BV		
8/19/22	S227/S228	W	E	1:17 PM	65	AG	11	11	850	850	60	BV		
8/19/22	S172/S197	N	S	7:04 AM	51	GS	12	8.5	850	850	96	BV		
8/19/22	S197/S198	S	N	7:25 AM	51	GS	12	8.5	850	850	120	BV		
8/19/22	S200/S224	E	W	8:00 AM	51	GS	12	8.5	850	850	5	BV		
8/19/22	S201/S202	E	W	8:08 AM	55	GS	12	8.5	850	850	95	BV		
8/19/22	S208/S209	W	E	9:01 AM	58	GS	12	8.5	850	850	36	BV		
8/19/22	S204/S208	W	E	9:10 AM	61	GS	12	8.5	850	850	63	BV		
8/19/22	S204/S205	W	E	9:20 AM	61	GS	12	8.5	850	850	26	BV	DF-62	2' E OF WEOS
8/19/22	S205/S208	N	S	9:25 AM	61	GS	12	8.5	850	850	31	BV		
8/19/22	S205/S209	N	S	9:31 AM	61	GS	12	8.5	850	850	28	BV		
8/19/22	S213/S214	S	N	9:50 AM	62	GS	12	8.5	850	850	52	BV		
8/19/22	S212/S213	N	S	10:04 AM	62	GS	12	8.5	850	850	57	BV		
8/19/22	S215/S216	E	W	10:49 AM	64	GS	12	8.5	850	850	46	BV		
8/19/22	S217/S218	W	E	11:10 AM	65	GS	12	8.5	850	850	23	BV		
8/19/22	S217/S219	S	N	11:22 AM	65	GS	12	8.5	850	850	70	BV		
8/19/22	S218/S219	S	N	11:30 AM	65	GS	12	8.5	850	850	83	BV		
8/19/22	S218/S220	S	N	11:42 AM	65	GS	12	8.5	850	850	49	BV		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections		Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From	To						Setting (°F)	Actual (°F)				
8/19/22	S222/S223	S	/ N	11:50 AM	65	GS	12	8.5	850	850	92	BV	DF-65	17' N OF SEOS
8/19/22	S221/S223	S	/ N	12:03 PM	65	GS	12	8.5	850	850	102	BV		
8/19/22	S230/S231	S	/ N	1:10 PM	65	GS	12	8.5	850	850	23	BV		
8/19/22	S228/S229	W	/ E	1:15 PM	65	GS	12	8.5	850	850	152	BV		
8/20/22	S229/S231	E	/ W	7:05 AM	50	GS	12	8.5	850	850	83	TW		
8/20/22	S229/S230	W	/ E	7:38 AM	50	GS	12	8.5	850	850	70	TW	DF-67	45' E of WEOS
8/20/22	S224/S230	S	/ N	7:55 AM	50	GS	12	8.5	850	850	14	TW		
8/20/22	S223/S230	S	/ N	7:58 AM	50	GS	12	8.5	850	850	17	TW		
8/20/22	S223/S229	S	/ N	8:17 AM	50	GS	12	8.5	850	850	4	TW		
8/20/22	S222/S229	S	/ N	8:18 AM	50	GS	12	8.5	850	850	21	TW		
8/20/22	S220/S228	S	/ N	8:21 AM	50	GS	12	8.5	850	850	19	TW		
8/20/22	S218/S228	S	/ N	8:41 AM	50	GS	12	8.5	850	850	3	TW		
8/20/22	S218/S226	S	/ N	8:42 AM	50	GS	12	8.5	850	850	18	TW		
8/20/22	S231/S233	E	/ W	7:18 AM	50	AG	11	8.5	850	850	20	TW		
8/20/22	S214/S232	S	/ E	7:40 AM	50	AG	11	8.5	850	850	41	TW	DF-66	28' N of SEOS
8/20/22	S207/S230	W	/ E	7:54 AM	50	AG	11	8.5	850	850	11	TW		
8/20/22	S210/S230	W	/ E	7:57 AM	50	AG	11	8.5	850	850	23	TW		
8/20/22	S211/S230	W	/ E	8:00 AM	50	AG	11	8.5	850	850	23	TW		
8/20/22	S212/S230	W	/ E	8:04 AM	50	AG	11	8.5	850	850	23	TW		
8/20/22	S213/S230	W	/ E	8:08 AM	50	AG	11	8.5	850	850	7	TW		
8/20/22	S213/S231	W	/ E	8:10 AM	50	AG	11	8.5	850	850	15	TW		
8/20/22	S214/S231	W	/ E	8:12 AM	50	AG	11	8.5	850	850	23	TW		
8/20/22	S231/S232	W	/ E	8:15 AM	50	AG	11	8.5	850	850	23	TW		
8/20/22	S204/S225	W	/ E	8:31 AM	50	AG	11	8.5	850	850	23	TW		
8/20/22	S205/S225	W	/ E	8:36 AM	50	AG	11	8.5	850	850	3	TW		
8/20/22	S206/S225	W	/ E	8:37 AM	50	AG	11	8.5	850	850	3	TW		
8/20/22	S206/S224	W	/ E	8:38 AM	50	AG	11	8.5	850	850	8	TW		
8/20/22	S206/S230	W	/ E	8:39 AM	50	AG	11	8.5	850	850	6	TW		
8/22/22	S232/S233	S	/ N	6:38 AM	50	AG	11	9	850	850	38	GF		
8/22/22	S234/S227	E	/ W	8:13 AM	50	AG	11	9	850	850	30	GF		
8/22/22	S197/S223	W	/ E	6:49 AM	50	GS	12	8.5	850	850	23	TW		
8/22/22	S198/S223	W	/ E	6:53 AM	50	GS	12	8.5	850	850	23	TW		
8/22/22	S199/S223	W	/ E	6:58 AM	50	GS	12	8.5	850	850	23	TW		
8/22/22	S216/S223	W	/ E	7:00 AM	50	GS	12	8.5	850	850	15	TW		
8/22/22	S215/S223	W	/ E	7:17 AM	50	GS	12	8.5	850	850	23	TW		
8/22/22	S200/S223	W	/ E	7:22 AM	50	GS	12	8.5	850	850	14	TW		
8/22/22	S201/S224	W	/ E	7:50 AM	50	GS	12	8.5	850	850	19	TW		
8/22/22	S202/S225	W	/ E	7:31 AM	50	GS	12	8.5	850	850	10	TW		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Fusion Welding Summary



Seam Date	Seam Number	Seam Sections	Start Time	Ambient Temp (°F)	Operator	Machine Number	Speed Setting (ft/min)	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Remarks
		From / To						Setting (°F)	Actual (°F)				
8/22/22	S201/S225	W / E	7:33 AM	50	GS	12	8.5	850	850	5	TW		
8/23/22	S196/S223	W / E	7:01 AM	51	GS	12	7.5	850	850	14	BM		
8/23/22	S196/S221	W / E	7:03 AM	51	GS	12	7.5	850	850	8	BM		
8/23/22	S195/S221	W / E	7:04 AM	51	GS	12	7.5	850	850	15	BM		
8/23/22	S195/S219	W / E	7:07 AM	51	GS	12	7.5	850	850	8	BM		
8/23/22	S194/S219	W / E	7:08 AM	51	GS	12	7.5	850	850	14	BM		
8/23/22	S194/S217	W / E	7:11 AM	51	GS	12	7.5	850	850	8	BM		
8/23/22	S193/S217	W / E	7:12 AM	51	GS	12	7.5	850	850	14	BM	DF-68	13' E OF WEOS
8/23/22	S218/S235	N / S	4:28 PM	61	GS	12	7.5	850	850	15	BM		
8/23/22	S139/S226	N / S	4:29 PM	61	GS	12	7.5	850	850	19	BM		
8/23/22	S138/S226	N / S	4:31 PM	61	GS	12	7.5	850	850	23	BM		
8/23/22	S132/S226	N / S	4:33 PM	61	GS	12	7.5	850	850	23	BM		
8/23/22	S131/S227	N / S	4:35 PM	61	GS	12	7.5	850	850	12	BM		
8/23/22	S130/S227	N / S	4:37 PM	61	GS	12	7.5	850	850	16	BM		
8/23/22	S130/S234	N / S	4:39 PM	61	GS	12	7.5	850	850	9	BM		
8/23/22	S128/S234	N / S	4:40 PM	61	GS	12	7.5	850	850	16	BM		
8/24/22	S187/S196	W / E	7:22 AM	55	GS	12	7.5	850	850	22	BM		
8/24/22	S186/S196	W / E	8:26 AM	55	GS	12	7.5	850	850	11	BM		
8/24/22	S186/S195	W / E	8:28 AM	55	GS	12	7.5	850	850	12	BM		
8/24/22	S185/S195	W / E	8:30 AM	55	GS	12	7.5	850	850	19	BM		
8/24/22	S185/S194	W / E	8:38 AM	55	GS	12	7.5	850	850	2	BM		
8/24/22	S174/S194	W / E	8:44 AM	55	GS	12	7.5	850	850	23	BM		
8/24/22	S176/S194	W / E	8:47 AM	55	GS	12	7.5	850	850	3	BM		
8/24/22	S176/S191	W / E	8:48 AM	55	GS	12	7.5	850	850	19	BM		
8/24/22	S179/S190	W / E	8:50 AM	55	GS	12	7.5	850	850	22	BM		
8/24/22	S178/S190	W / E	8:52 AM	55	GS	12	7.5	850	850	3	BM		
8/24/22	S178/S189	W / E	8:52 AM	55	GS	12	7.5	850	850	14	BM		
8/24/22	S180/S189	W / E	8:55 AM	55	GS	12	7.5	850	850	10	BM		
8/24/22	S180/S188	W / E	9:00 AM	55	GS	12	7.5	850	850	13	BM	DF-69	5' E OF WEOS
8/24/22	S184/S188	W / E	9:06 AM	55	GS	12	7.5	850	850	12	BM		



APPENDIX I.4 – SECONDARY GEOMEMBRANE EXTRUSION WELDING SUMMARY

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Extrusion Welding Summary



Seam Date	Seam Number	Seam Sections	Start Time	Ambient Temp (°F)	Operator	Machine Number	Pre-Heat Setting	Machine Temperature		Welded Seam Length (ft)	QA Monitor	Destructive Test Sample Number	Vacuum Test Results Pass/Fail	Remarks
		From / To						Setting (°F)	Actual (°F)					
8/22/22	S141/S218	S / N	9:00 AM	46	GS	1	550	550	550	16	BM		Pass	
8/22/22	S142/S218	S / N	9:07 AM	46	GS	1	550	550	550	25	BM		Pass	
8/22/22	S143/S218	S / N	9:14 AM	46	GS	1	550	550	550	25	BM	DX-5	Pass	12' N OF SEOS
8/22/22	S144/S218	S / N	9:21 AM	46	GS	1	550	550	550	26	BM		Pass	
8/23/22	S145/S217	S / N	9:19 AM	51	GS	1	550	550	550	24	BM		Pass	
8/23/22	S146/S217	S / N	9:32 AM	51	GS	1	550	550	550	25	BM		Pass	
8/23/22	S147/S217	S / N	9:42 AM	51	GS	1	550	550	550	23	BM		Pass	



APPENDIX I.5 – SECONDARY GEOMEMBRANE DESTRUCTIVE TESTING SUMMARIES

APPENDIX 1.5.1 – SECONDARY GEOMEMBRANE FUSION DESTRUCTIVE TESTING SUMMARY

APPENDIX I.5.2 – SECONDARY GEOMEMBRANE EXTRUSION DESTRUCTIVE TESTING SUMMARY



APPENDIX I.5.1 – SECONDARY GEOMEMBRANE FUSION DESTRUCTIVE TESTING SUMMARY

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction



Secondary Geomembrane Fusion Welding Destructive Testing Summary

Sample Number	Seam Number	Date Seamed	Welding Data		Date Tested	Test Results																QA Monitor
			Operator	Machine Number		Peel Strength (Minimum = 125 ppi)					Peel Strength (Minimum = 125 ppi)					Shear Strength (Minimum = 150 ppi)					Pass/Fail	
DF-1	S1/S2	7/25/2022	GS	11	7/27/2022	169	162	163	154	172	173	157	159	164	183	217	198	202	195	200	Pass	MM
DF-2	S2/S3	7/25/2022	AG	10	7/27/2022	184	184	183	195	191	195	176	183	189	190	200	218	202	204	207	Pass	MM
DF-3	S13/S15	7/26/2022	AG	32	7/27/2022	198	201	197	189	190	190	192	192	198	195	217	205	215	210	225	Pass	MM
DF-4	S19/S1	7/26/2022	FC	12	7/27/2022	185	186	190	189	191	182	185	192	188	187	242	240	240	228	243	Pass	MM
DF-5	S27/S26	7/26/2022	GS	11	7/27/2022	194	201	193	199	196	197	197	193	198	196	242	251	263	277	261	Pass	MM
DF-6	S27/S28	7/26/2022	AG	32	7/29/2022	187	177	181	190	194	181	189	196	186	184	228	226	217	207	206	Pass	MM
DF-7	S18/S29	7/28/2022	AG	32	8/1/2022	162	163	163	156	167	170	167	164	159	166	210	215	209	206	209	Pass	MM
DF-8	S29/S30	7/28/2022	GS	12	8/1/2022	157	164	165	168	165	169	172	174	170	170	204	206	210	206	210	Pass	MM
DF-9	S37/S38	7/29/2022	GS	12	8/1/2022	161	165	165	175	170	165	167	162	170	167	209	210	213	208	203	Pass	MM
DF-10	S39/S40	7/29/2022	AG	32	8/1/2022	160	165	158	160	175	166	163	162	163	169	215	207	234	222	210	Pass	MM
DF-11	S44/S45	7/29/2022	GS	12	8/4/2022	185	184	178	185	173	180	175	174	172	184	210	215	205	223	215	Pass	BV
DF-12	S47/S48	8/1/2022	AG	32	8/4/2022	168	170	173	163	168	166	164	173	171	172	205	207	203	219	201	Pass	BV
DF-13	S59/S60	8/1/2022	GS	12	8/4/2022	174	176	173	174	176	174	177	172	176	175	213	210	207	209	204	Pass	BV
DF-14	S36/S37	7/29/2022	AG	32	8/4/2022	173	155	173	179	186	163	169	169	171	170	204	207	202	206	210	Pass	BV
DF-15	S64/S65	8/2/2022	AG	32	8/4/2022	176	159	172	170	174	162	170	168	176	170	214	208	210	207	208	Pass	BV
DF-16	S67/S68	8/3/2022	GS	12	8/4/2022	172	173	174	166	151	175	168	174	155	155	215	207	207	204	200	Pass	BV
DF-17	S73/S74	8/3/2022	GS	12	8/9/2022	188	182	190	187	173	188	169	178	180	187	214	206	216	219	219	Pass	BV
DF-18	S75/S74	8/3/2022	AG	11	8/9/2022	187	180	185	190	185	188	189	187	184	182	207	220	209	207	208	Pass	BV
DF-19	S78/S79	8/4/2022	GS	12	8/9/2022	183	187	191	185	180	181	178	191	191	183	210	214	212	214	219	Pass	BV
DF-20	S79/S81	8/4/2022	AG	32	8/9/2022	183	182	181	187	181	169	196	182	187	180	207	206	201	216	211	Pass	BV
DF-21	S86/S85	8/4/2022	FC	11	8/9/2022	199	195	198	193	182	201	193	183	200	191	208	210	210	220	212	Pass	BV
DF-22	S83/S85	8/4/2022	AG	32	8/9/2022	190	199	183	185	179	188	180	180	179	183	216	216	220	210	218	Pass	BV
DF-23	S86/S87	8/4/2022	GS	12	8/9/2022	180	175	195	201	207	167	189	202	201	204	208	212	212	215	211	Pass	BV
DF-24	S88/S89	8/5/2022	AG	32	8/9/2022	190	194	192	188	190	196	192	190	199	190	219	226	221	220	223	Pass	BV
DF-25	S89/S90	8/5/2022	GS	12	8/9/2022	204	205	202	196	190	196	194	190	200	190	238	232	234	244	240	Pass	BV
DF-26	S91/S93	8/5/2022	GS	12	8/9/2022	189	179	179	194	203	190	184	184	188	186	212	218	214	218	210	Pass	BV
DF-27	S85/S96	8/5/2022	FC	11	8/9/2022	183	171	190	177	180	180	181	191	171	177	212	212	210	218	219	Pass	BV
DF-28	S77/S102	8/10/2022	AG	32	8/12/2022	175	201	183	199	199	181	195	207	196	175	234	244	236	250	247	Pass	BV
DF-29	S106/S108	8/10/2022	AG	32	8/12/2022	212	195	197	189	214	178	196	208	199	199	230	235	245	227	236	Pass	BV
DF-30	S108/S109	8/10/2022	GS	12	8/12/2022	196	202	192	183	190	195	193	182	192	191	232	235	231	233	234	Pass	BV
DF-31	S113/S114	8/10/2022	AG	32	8/12/2022	164	176	177	173	164	173	174	167	164	170	210	199	222	218	226	Pass	BV
DF-32	S118/S119	8/10/2022	GS	12	8/12/2022	199	202	164	192	190	198	190	185	185	184	216	217	215	201	219	Pass	BV
DF-33	S121/S122	8/10/2022	AG	32	8/12/2022	191	180	199	195	176	180	186	194	186	174	212	212	192	218	209	Pass	BV
DF-34	S126/S127	8/11/2022	GS	12	8/17/2022	212	232	197	209	214	198	185	227	208	213	240	252	253	247	240	Pass	BV

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction



Secondary Geomembrane Fusion Welding Destructive Testing Summary

Sample Number	Seam Number	Date Seamed	Welding Data		Date Tested	Test Results																QA Monitor
			Operator	Machine Number		Peel Strength (Minimum = 125 ppi)					Peel Strength (Minimum = 125 ppi)					Shear Strength (Minimum = 150 ppi)					Pass/Fail	
DF-35	S127/S128	8/11/2022	AG	32	8/17/2022	215	209	206	201	193	224	212	209	219	224	250	233	234	251	244	Pass	BV
DF-36	S87/S133	8/11/2022	FC	11	8/17/2022	181	194	190	187	205	198	195	179	212	207	222	221	227	217	230	Pass	BV
DF-37	S133/S134	8/11/2022	GS	12	8/17/2022	175	187	196	188	185	199	191	206	183	195	229	218	231	219	226	Pass	BV
DF-38	S135/S136	8/11/2022	FC	11	8/17/2022	202	196	192	208	208	212	220	192	204	213	236	252	244	256	240	Pass	BV
DF-39	S137/S144	8/11/2022	AG	32	8/17/2022	178	208	201	210	214	197	187	202	181	209	242	224	232	249	245	Pass	BV
DF-40	S137/S143	8/11/2022	GS	12	8/17/2022	190	201	204	213	194	205	196	183	188	188	213	220	221	215	227	Pass	BV
DF-41	S82/S93	8/5/2022	GS	12	8/17/2022	200	191	192	194	208	193	203	207	202	209	229	224	235	242	240	Pass	BV
DF-42	S69/S70	8/3/2022	AG	11	8/17/2022	193	186	202	196	212	203	197	189	208	211	237	245	240	230	233	Pass	BV
DF-43	S155/S156	8/12/2022	AG	32	8/17/2022	191	201	203	214	204	195	193	191	183	212	225	235	225	234	233	Pass	BV
DF-44	S156/S157	8/12/2022	GS	12	8/17/2022	192	180	179	187	183	195	179	185	186	170	240	229	228	227	226	Pass	BV
DF-45	S160/S161	8/12/2022	AG	32	8/17/2022	188	188	188	189	189	195	175	193	186	195	220	222	219	225	236	Pass	BV
DF-46	S163/S164	8/12/2022	GS	12	8/17/2022	189	185	192	184	189	192	193	188	195	195	237	225	237	228	234	Pass	BV
DF-47	S167/S168	8/13/2022	AG	32	8/17/2022	188	187	213	194	192	196	185	187	187	188	232	234	223	233	226	Pass	BV
DF-48	S171/S172	8/13/2022	GS	12	8/17/2022	187	196	198	199	196	199	193	212	188	194	237	232	249	231	240	Pass	BV
DF-49	S174/S176	8/13/2022	AG	32	8/17/2022	176	174	176	170	186	175	164	164	188	174	202	209	207	203	204	Pass	BV
DF-50	S173/S185	8/13/2022	GS	12	8/17/2022	185	170	189	192	201	179	186	174	196	197	235	241	245	227	243	Pass	BV
DF-51	S177/S178	8/13/2022	AG	32	8/17/2022	184	201	208	184	209	198	203	193	192	198	237	222	235	223	237	Pass	BV
DF-52	S181/S182	8/13/2022	FC	11	8/17/2022	195	189	188	187	201	186	200	214	196	199	216	232	223	229	220	Pass	BV
DF-53	S186/S187	8/13/2022	GS	12	8/17/2022	184	194	184	184	180	190	180	181	179	180	240	230	250	247	234	Pass	BV
DF-54	S157/S185	8/13/2022	FC	11	8/17/2022	188	187	213	194	192	196	175	187	187	188	225	232	234	223	233	Pass	BV
DF-55	S19/S25	7/26/2022	AG	32	8/17/2022	179	179	182	188	182	180	178	188	186	195	211	203	204	210	208	Pass	BV
DF-56	S84/S86	8/4/2022	FC	11	8/17/2022	182	188	182	182	182	179	188	192	190	189	204	208	212	217	217	Pass	BV
DF-57	S164/S165	8/13/2022	AG	32	8/17/2022	205	208	208	200	208	187	200	197	199	211	244	250	240	242	241	Pass	BV
DF-58	S188/S189	8/18/2022	GS	12	8/18/2022	192	185	180	188	193	188	193	200	190	183	221	207	219	210	208	Pass	BV
DF-59	S134/S189	8/18/2022	AG	32	8/18/2022	189	191	212	214	196	202	205	200	186	193	227	213	225	214	212	Pass	BV
DF-60	S150/S192	8/18/2022	AG	32	8/18/2022	192	189	191	211	193	209	207	180	192	194	226	209	219	206	217	Pass	BV
DF-61	S191/S194	8/18/2022	GS	12	8/18/2022	188	191	192	181	190	190	188	170	191	195	223	215	221	210	212	Pass	BV
DF-62	S204/S205	8/19/2022	GS	12	8/23/2022	198	200	192	219	201	198	200	203	205	193	240	222	219	231	232	Pass	BM
DF-63	S205/S206	8/19/2022	AG	11	8/23/2022	200	217	213	199	201	216	199	203	210	196	231	242	242	227	235	Pass	BM
DF-64	S219/S221	8/19/2022	AG	11	8/23/2022	202	187	191	209	186	201	186	196	186	197	220	225	219	222	223	Pass	BM
DF-65	S222/S223	8/19/2022	GS	12	8/23/2022	186	193	187	192	199	186	203	199	204	191	240	228	236	225	233	Pass	BM
DF-66	S214/S232	8/20/2022	AG	11	8/23/2022	205	219	215	212	203	203	212	210	196	205	254	243	255	244	239	Pass	BM
DF-67	S229/S230	8/20/2022	GS	12	8/23/2022	234	217	205	222	161	218	219	232	215	223	258	255	251	265	264	Pass	BM
DF-68	S193/S217	8/23/2022	GS	12	8/23/2022	191	214	198	204	202	208	195	205	208	201	214	220	212	218	212	Pass	BM

Cripple Creek & Victor Gold Mining Company

Valley Leach Facility 2 Phase 3

Stage A.1 Record of Construction

Secondary Geomembrane Fusion Welding Destructive Testing Summary



Sample Number	Seam Number	Date Seamed	Welding Data		Date Tested	Test Results															QA Monitor	
			Operator	Machine Number		Peel Strength (Minimum = 125 ppi)					Peel Strength (Minimum = 125 ppi)					Shear Strength (Minimum = 150 ppi)						Pass/Fail
DF-69	S180/S188	8/24/2022	GS	12	8/24/2022	187	193	189	186	189	194	205	197	195	187	205	215	209	215	209	Pass	BM



APPENDIX I.5.2 – SECONDARY GEOMEMBRANE EXTRUSION DESTRUCTIVE TESTING SUMMARY

Cripple Creek & Victor Gold Mining Company

Valley Leach Facility 2 Phase 3

Stage A.1 Record of Construction

Secondary Geomembrane Extrusion Welding Destructive Testing Summary



Sample Number	Seam Number	Date Seamed	Welding Data		Date Tested	Test Results										QA Monitor	Remarks	
			Operator	Machine Number		Peel Strength ¹ (Minimum = 114 ppi)					Shear Strength ¹ (Minimum = 150 ppi)							Pass/Fail
DX-1	Cap 1/D-03	08/01/22	GS	1	08/01/22	187	170	174	171	170	220	216	247	246	223	Pass	RM	22' E of W EOS
DX-2	S54/D-67	08/09/22	GS	1	08/09/22	165	180	176	169	179	221	207	222	219	225	Pass	BV	
DX-3	S87/D-180	08/09/22	JLO	30	08/09/22	181	180	190	201	205	216	222	221	222	225	Pass	BV	
DX-4	S-114	08/14/22	JLO	30	08/17/22	203	202	202	195	207	227	233	234	230	230	Pass	BV	
DX-5	S143/S218	08/22/22	GS	1	08/23/22	190	180	165	195	171	235	249	250	242	242	Pass	BM	
DX-6	S207/D417	08/22/22	JLO	30	08/23/22	201	209	196	209	199	213	208	217	206	207	Pass	BM	



APPENDIX I.6 – SECONDARY GEOMEMBRANE PRESSURE TESTING SUMMARY

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
7/26/2022	S27/S28	N	/	S	FC	2:18 PM	2:23 PM	30	30	0	PASS	BM	X		
7/26/2022	S26/S27	N	/	S	FC	2:21 PM	2:26 PM	30	30	0	PASS	BM	X		
7/26/2022	S25/S26	N	/	S	FC	2:25 PM	2:30 PM	30	30	0	PASS	BM	X		
7/26/2022	S1/S25	E	/	W	FC	2:40 PM	2:45 PM	30	30	0	PASS	BM	X		
7/26/2022	S19/S25	W	/	E	FC	2:40 PM	2:45 PM	30	30	0	PASS	BM	X		
7/26/2022	S1/S19	W	/	E	FC	2:45 PM	2:50 PM	30	30	0	PASS	BM	X		
7/26/2022	S19/S24	W	/	E	FC	2:55 PM	3:00 PM	30	30	0	PASS	BM	X		
7/26/2022	S20/S24	W	/	E	FC	2:55 PM	3:00 PM	30	30	0	PASS	BM	X		
7/26/2022	S19/S20	W	/	E	FC	2:59 PM	3:04 PM	30	29	1	PASS	BM	X		
7/26/2022	S24/S25	N	/	S	FC	3:00 PM	3:05 PM	30	30	0	PASS	BM	X		
7/26/2022	S20/S21	W	/	E	FC	3:11 PM	3:16 PM	30	30	0	PASS	BM	X		
7/26/2022	S21/S23	W	/	E	FC	3:11 PM	3:16 PM	30	30	0	PASS	BM	X		
7/26/2022	S23/S24	N	/	S	FC	3:11 PM	3:16 PM	30	30	0	PASS	BM	X		
7/26/2022	S21/S22	W	/	E	FC	3:15 PM	3:20 PM	30	30	0	PASS	BM	X		
7/26/2022	S22/S23	W	/	E	FC	3:15 PM	3:20 PM	30	30	0	PASS	BM	X		
7/27/2022	S1/S2	W	/	E	FC	9:04 AM	9:09 AM	30	30	0	PASS	MM	X		
7/27/2022	S2/S3	W	/	E	FC	9:07 AM	9:12 AM	30	30	0	PASS	MM	X		
7/27/2022	S3/S4	W	/	E	FC	9:09 AM	9:14 AM	30	30	0	PASS	MM	X		
7/27/2022	S4/S5	W	/	E	FC	9:20 AM	9:24 AM	30	30	0	PASS	MM	X		
7/27/2022	S5/S6	W	/	E	FC	9:25 AM	9:30 AM	30	30	0	PASS	MM	X		
7/27/2022	S6/S7	W	/	E	FC	9:21 AM	9:26 AM	30	30	0	PASS	MM	X		
7/27/2022	S7/S8	W	/	E	FC	-	-	-	-	-	FAIL	MM	X		Seam capped, D3
7/27/2022	S8/S9	W	/	E	FC	9:33 AM	9:38 AM	30	30	0	PASS	MM	X		
7/27/2022	S9/S10	W	/	E	FC	9:36 AM	9:40 AM	30	30	0	PASS	MM	X		
7/27/2022	S10/S11	W	/	E	FC	9:46 AM	9:51 AM	30	30	0	PASS	MM	X		
7/27/2022	S11/S12	W	/	E	FC	10:06 AM	10:11 AM	30	30	0	PASS	MM	X		
7/27/2022	S12/S13	W	/	E	FC	9:52 AM	9:57 AM	30	30	0	PASS	MM	X		
7/27/2022	S13/S15	W	/	E	FC	10:30 AM	10:35 AM	30	30	0	PASS	MM	X		
7/27/2022	S13/S16	E	/	W	FC	10:30 AM	10:35 AM	30	30	0	PASS	MM	X		
7/27/2022	S15/S16	W	/	E	FC	10:40 AM	10:45 AM	30	30	0	PASS	MM	X		
7/27/2022	S16/S17	W	/	E	FC	10:50 AM	10:55 AM	30	29	1	PASS	MM	X		
7/27/2022	S13/S14	E	/	W	FC	11:16 AM	11:21 AM	30	30	0	PASS	MM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
7/27/2022	S14/S15	E	/	W	FC	11:16 AM	11:21 AM	30	30	0	PASS	MM	X		
7/27/2022	S17/S18	E	/	W	FC	11:03 AM	11:08 AM	30	30	0	PASS	MM	X		
7/27/2022	S16/S18	E	/	W	FC	10:50 AM	10:55 AM	30	29	1	PASS	MM	X		
7/28/2022	S18/S29	S	/	N	FC	2:30 PM	2:35 PM	30	30	0	PASS	BM	X		
7/28/2022	S29/S30	S	/	N	FC	2:32 PM	2:37 PM	30	30	0	PASS	BM	X		
7/28/2022	S30/S31	S	/	N	FC	2:34 PM	2:39 PM	30	30	0	PASS	BM	X		
7/28/2022	S31/S32	S	/	N	FC	2:37 PM	2:42 PM	30	30	0	PASS	BM	X		
7/28/2022	S32/S33	S	/	N	FC	2:39 PM	2:44 PM	30	30	0	PASS	BM	X		
7/28/2022	S33/S34	S	/	N	FC	2:42 PM	2:47 PM	30	30	0	PASS	BM	X		
7/28/2022	S34/S35	S	/	N	FC	2:45 PM	2:50 PM	30	30	0	PASS	BM	X		
7/28/2022	S35/S36	S	/	N	FC	9:32 AM	9:37 AM	30	30	0	PASS	BM	X		
8/1/2022	S36/S37	S	/	D32	FC	7:42 AM	7:47 AM	30	30	0	PASS	BM		X	
8/1/2022	S36/S37	D32	/	N	FC	9:00 AM	9:05 AM	30	30	0	PASS	BM	X		
8/1/2022	S37/S38	S	/	N	FC	7:46 AM	7:51 AM	30	30	0	PASS	BM	X		
8/1/2022	S38/S39	S	/	N	FC	7:49 AM	7:54 AM	30	30	0	PASS	BM	X		
8/1/2022	S39/S40	S	/	N	FC	7:50 AM	7:53 AM	30	30	0	PASS	BM	X		
8/1/2022	S40/S41	S	/	N	FC	7:53 AM	8:00 AM	30	30	0	PASS	BM	X		
8/1/2022	S41/S42	S	/	N	FC	7:57 AM	8:02 AM	30	30	0	PASS	BM	X		
8/1/2022	S42/S43	S	/	N	FC	8:03 AM	8:08 AM	30	30	0	PASS	BM	X		
8/1/2022	S43/S44	S	/	N	FC	8:12 AM	8:17 AM	30	30	0	PASS	BM	X		
8/1/2022	S44/S45	S	/	N	FC	11:30 AM	11:35 AM	30	30	0	PASS	BM	X		
8/2/2022	S45/S46	S	/	N	FC	11:25 AM	11:30 AM	30	30	0	PASS	BM	X		
8/2/2022	S59/S60	E	/	W	FC	11:32 AM	11:37 AM	30	30	0	PASS	BM	X		
8/2/2022	S47/S48	S	/	N	FC	11:22 AM	11:27 AM	30	30	0	PASS	BM	X		
8/2/2022	S47/S60	S	/	N	FC	11:22 AM	11:27 AM	30	30	0	PASS	BM	X		
8/2/2022	S48/S60	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D49
8/2/2022	S46/S47	S	/	D-45	FC	11:15 AM	11:20 AM	30	30	0	PASS	BM	X		Seam capped, D45
8/2/2022	S46/S47	D-45	/	NEOS	FC	11:55 AM	12:00 PM	30	30	0	PASS	BM	X		
8/2/2022	S48/S49	S	/	N	FC	12:09 PM	12:14 PM	30	30	0	PASS	BM	X		
8/2/2022	S48/S59	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D51
8/2/2022	S49/S59	S	/	N	FC	11:30 AM	11:35 AM	30	30	0	PASS	BM	X		
8/2/2022	S58/S59	E	/	W	FC	11:30 AM	11:35 AM	30	30	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/2/2022	S49/S58	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D54
8/2/2022	S50/S58	N	/	S	FC	12:42 PM	12:47 PM	30	30	0	PASS	BM	X		
8/2/2022	S57/S58	E	/	W	FC	12:50 PM	12:55 PM	30	30	0	PASS	BM	X		
8/2/2022	S59/S60	E	/	W	FC	11:32 AM	11:37 AM	30	30	0	PASS	BM	X		
8/2/2022	S49/S50	S	/	N	FC	12:47 PM	12:52 PM	30	30	0	PASS	BM	X		
8/2/2022	S50/S57	N	/	S	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D58
8/2/2022	S50/S51	S	/	N	FC	12:48 PM	12:53 PM	30	30	0	PASS	BM	X		
8/2/2022	S51/S57	S	/	N	FC	12:54 PM	12:59 PM	30	30	0	PASS	BM	X		
8/2/2022	S56/S57	E	/	W	FC	1:06 PM	1:11 PM	30	30	0	PASS	BM	X		
8/2/2022	S51/S56	N	/	S	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D61
8/2/2022	S51/S52	S	/	N	FC	1:09 PM	1:14 PM	30	30	0	PASS	BM	X		
8/2/2022	S52/S56	N	/	S	FC	1:18 PM	1:23 PM	30	30	0	PASS	BM	X		
8/2/2022	S55/S56	E	/	W	FC	1:18 PM	1:23 PM	30	30	0	PASS	BM	X		
8/2/2022	S52/S55	N	/	S	FC	1:30 PM	1:35 PM	30	30	0	PASS	BM	X		
8/2/2022	S52/S53	S	/	N	FC	1:30 PM	1:35 PM	30	30	0	PASS	BM	X		
8/2/2022	S53/S55	N	/	S	FC	1:38 PM	1:43 PM	30	30	0	PASS	BM	X		
8/2/2022	S53/S54	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D66
8/2/2022	S54/S55	E	/	W	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D67
8/3/2022	S60/S61	E	/	W	FC	11:05 AM	11:10 AM	30	30	0	PASS	BM	X		
8/3/2022	S61/S62	E	/	W	FC	11:08 AM	11:13 AM	30	30	0	PASS	BM	X		
8/3/2022	S62/S63	E	/	W	FC	11:16 AM	11:21 AM	30	30	0	PASS	BM	X		
8/3/2022	S63/S64	E	/	W	FC	11:16 AM	11:21 AM	30	30	0	PASS	BM	X		
8/3/2022	S64/S65	E	/	D89	FC	11:26 AM	11:31 AM	30	30	0	PASS	BM		X	D89
8/3/2022	S64/S65	D89	/	D90	FC	11:29 AM	11:34 AM	30	30	0	PASS	BM		X	D90
8/3/2022	S64/S65	D90	/	WEOS	FC	11:32 AM	11:37 AM	30	30	0	PASS	BM	X		
8/3/2022	S65/S66	E	/	W	FC	11:46 AM	11:51 AM	30	30	0	PASS	BM	X		
8/3/2022	S62/S64	W	/	E	FC	11:37 AM	11:42 AM	30	30	0	PASS	BM	X		
8/3/2022	S62/S65	E	/	W	FC	11:40 AM	11:45 AM	30	30	0	PASS	BM	X		
8/4/2022	S44/S63	E	/	W	FC	9:35 AM	9:40 AM	30	30	0	PASS	BM	X		
8/4/2022	S45/S62	E	/	W	FC	9:35 AM	9:40 AM	30	30	0	PASS	BM	X		
8/4/2022	S46/S61	E	/	W	FC	9:45 AM	9:50 AM	30	30	0	PASS	BM	X		
8/4/2022	S66/S67	E	/	W	FC	6:49 AM	6:54 AM	30	30	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/4/2022	S67/S68	E	/	W	FC	6:54 AM	6:59 AM	30	30	0	PASS	BM	X		
8/4/2022	S68/S69	E	/	W	FC	7:22 AM	7:27 AM	30	30	0	PASS	BM	X		
8/4/2022	S69/S70	W	/	E	FC	7:10 AM	7:15 AM	30	30	0	PASS	BM	X		
8/4/2022	S70/S71	N	/	S	FC	7:10 AM	7:15 AM	30	30	0	PASS	BM	X		
8/4/2022	S71/S72	N	/	S	FC	8:29 AM	8:34 AM	30	30	0	PASS	BM	X		
8/4/2022	S69/S72	S	/	N	FC	8:29 AM	8:34 AM	30	30	0	PASS	BM	X		
8/4/2022	S68/S72	W	/	E	FC	8:40 AM	8:45 AM	30	30	0	PASS	BM	X		
8/4/2022	S68/S73	E	/	W	FC	8:40 AM	8:45 AM	30	30	0	PASS	BM	X		
8/4/2022	S72/S73	S	/	N	FC	8:51 AM	8:56 AM	30	30	0	PASS	BM	X		
8/4/2022	S73/S74	S	/	N	FC	8:52 AM	8:57 AM	30	30	0	PASS	BM	X		
8/4/2022	S74/S75	S	/	N	FC	8:53 AM	8:58 AM	30	30	0	PASS	BM	X		
8/4/2022	S75/S76	S	/	N	FC	8:55 AM	9:00 AM	30	30	0	PASS	BM	X		
8/4/2022	S69/S71	E	/	D83	FC	7:33 AM	7:38 AM	30	30	0	PASS	BM		X	
8/4/2022	S69/S71	D83	/	WEOS	FC	7:33 AM	7:38 AM	30	30	0	PASS	BM	X		
8/4/2022	S76/S77	S	/	D88	FC	9:06 AM	9:11 AM	30	30	0	PASS	BM		X	
8/4/2022	S76/S77	D88	/	D87	FC	9:06 AM	9:11 AM	30	30	0	PASS	BM		X	
8/4/2022	S76/S77	D87	/	D91	FC	9:15 AM	9:20 AM	30	30	0	PASS	BM		X	
8/4/2022	S76/S77	D91	/	WEOS	FC	9:18 AM	9:23 AM	30	30	0	PASS	BM	X		
8/5/2022	S78/S88	N	/	S	SS	9:32 AM	9:37 AM	30	30	0	PASS	BM	X		
8/5/2022	S40/S88	E	/	W	SS	-	-	-	-	-	FAIL	BM	X		Seam capped, D136
8/5/2022	S41/S88	E	/	W	SS	9:30 AM	9:35 AM	30	30	0	PASS	BM	X		
8/5/2022	S42/S88	E	/	W	SS	9:31 AM	9:36 AM	30	30	0	PASS	BM	X		
8/5/2022	S43/S88	E	/	W	SS	-	-	-	-	-	FAIL	BM	X		Seam capped, D138
8/5/2022	S64/S88	S	/	N	SS	9:42 AM	9:47 AM	30	30	0	PASS	BM	X		
8/5/2022	S88/S89	W	/	E	SS	9:40 AM	9:45 AM	30	30	0	PASS	BM	X		
8/5/2022	S65/S89	N	/	S	SS	9:50 AM	9:55 AM	30	30	0	PASS	BM	X		
8/5/2022	S89/S90	W	/	E	SS	9:45 AM	9:50 AM	30	30	0	PASS	BM	X		
8/5/2022	S66/S90	S	/	N	FC	10:17 AM	10:22 AM	30	30	0	PASS	BM	X		
8/5/2022	S90/S92	W	/	E	FC	10:17 AM	10:22 AM	30	30	0	PASS	BM	X		
8/5/2022	S67/S92	S	/	N	FC	10:17 AM	10:22 AM	30	30	0	PASS	BM	X		
8/5/2022	S68/S93	N	/	S	FC	10:22 AM	10:27 AM	30	30	0	PASS	BM	X		
8/5/2022	S92/S93	W	/	E	FC	10:22 AM	10:27 AM	30	30	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/5/2022	S69/S101	N	/	S	FC	10:31 AM	10:36 AM	30	30	0	PASS	BM	X		
8/5/2022	S93/S101	W	/	E	FC	10:31 AM	10:36 AM	30	30	0	PASS	BM	X		
8/5/2022	S70/S97	N	/	S	FC	10:33 AM	10:38 AM	30	30	0	PASS	BM	X		
8/5/2022	S97/S101	W	/	E	FC	10:33 AM	10:38 AM	30	30	0	PASS	BM	X		
8/5/2022	S71/S97	S	/	N	FC	10:40 AM	10:45 AM	30	30	0	PASS	BM	X		
8/5/2022	S97/S100	W	/	E	FC	10:40 AM	10:45 AM	30	30	0	PASS	BM	X		
8/5/2022	S71/S100	N	/	S	FC	10:40 AM	10:45 AM	30	30	0	PASS	BM	X		
8/5/2022	S72/S100	N	/	S	FC	10:46 AM	10:51 AM	30	30	0	PASS	BM	X		
8/5/2022	S40/S78	E	/	W	FC	10:53 AM	10:58 AM	30	30	0	PASS	BM	X		
8/5/2022	S39/S78	W	/	E	FC	10:53 AM	10:58 AM	30	30	0	PASS	BM	X		
8/5/2022	S38/S78	E	/	W	FC	10:55 AM	11:00 AM	30	30	0	PASS	BM	X		
8/5/2022	S37/S78	W	/	E	FC	10:55 AM	11:00 AM	30	30	0	PASS	BM	X		
8/5/2022	S79/S89	N	/	S	FC	11:05 AM	11:10 AM	30	30	0	PASS	BM	X		
8/5/2022	S78/S89	E	/	W	FC	11:08 AM	11:13 AM	30	30	0	PASS	BM	X		
8/5/2022	S79/S81	W	/	E	FC	11:09 AM	11:14 AM	30	30	0	PASS	BM	X		
8/5/2022	S81/S90	N	/	S	FC	11:10 AM	11:15 AM	30	30	0	PASS	BM	X		
8/5/2022	S90/S91	W	/	E	FC	11:16 AM	11:21 AM	30	30	0	PASS	BM	X		
8/5/2022	S91/S92	N	/	S	FC	11:17 AM	11:22 AM	30	30	0	PASS	BM	X		
8/5/2022	S91/S93	W	/	E	FC	11:18 AM	11:23 AM	30	30	0	PASS	BM	X		
8/5/2022	S95/S101	N	/	S	FC	11:20 AM	11:25 AM	30	30	0	PASS	BM	X		
8/5/2022	S93/S95	W	/	E	FC	11:21 AM	11:26 AM	30	30	0	PASS	BM	X		
8/5/2022	S95/S97	W	/	E	FC	11:30 AM	11:35 AM	30	30	0	PASS	BM	X		
8/5/2022	S99/S100	N	/	S	FC	11:34 AM	11:39 AM	30	30	0	PASS	BM	X		
8/5/2022	S93/S94	W	/	E	FC	11:33 AM	11:38 AM	30	30	0	PASS	BM	X		
8/5/2022	S94/S95	N	/	W	FC	11:32 AM	11:37 AM	30	30	0	PASS	BM	X		
8/5/2022	S94/S97	W	/	E	FC	11:37 AM	11:42 AM	30	30	0	PASS	BM	X		
8/5/2022	S97/S98	W	/	E	FC	11:43 AM	11:48 AM	30	30	0	PASS	BM	X		
8/5/2022	S97/S99	E	/	W	FC	11:47 AM	11:52 AM	30	30	0	PASS	BM	X		
8/5/2022	S98/S99	N	/	S	FC	11:45 AM	11:50 AM	30	30	0	PASS	BM	X		
8/5/2022	S96/S97	S	/	N	FC	12:40 PM	12:45 PM	30	30	0	PASS	BM	X		
8/5/2022	S96/S98	W	/	E	FC	12:40 PM	12:45 PM	30	30	0	PASS	BM	X		
8/8/2022	S87/S98	N	/	S	FC	8:03 AM	8:08 AM	30	30	0	PASS	MM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/8/2022	S87/S96	W	/	E	FC	-	-	-	-	-	FAIL	MM	X		Seam capped, D169
8/8/2022	S86/S96	S	/	N	FC	8:17 AM	8:22 AM	30	30	0	PASS	MM	X		
8/8/2022	S85/S86	W	/	E	FC	8:19 AM	8:24 AM	30	30	0	PASS	MM	X		
8/8/2022	S85/S96	W	/	E	FC	8:21 AM	8:26 AM	30	30	0	PASS	MM	X		
8/8/2022	S85/S94	S	/	N	FC	8:36 AM	8:41 AM	30	30	0	PASS	MM	X		
8/8/2022	S83/S85	W	/	E	FC	8:38 AM	8:43 AM	30	30	0	PASS	MM	X		
8/8/2022	S82/S83	W	/	E	FC	8:56 AM	9:01 AM	30	30	0	PASS	MM	X		
8/8/2022	S83/S93	S	/	N	FC	8:58 AM	9:03 AM	30	30	0	PASS	MM	X		
8/8/2022	S82/S91	S	/	N	FC	9:08 AM	9:13 AM	30	30	0	PASS	MM	X		
8/8/2022	S78/S79	W	/	E	FC	9:17 AM	9:22 AM	30	30	0	PASS	MM	X		
8/8/2022	S79/S81	W	/	E	FC	9:26 AM	9:31 AM	30	30	0	PASS	MM	X		
8/8/2022	S81/S82	W	/	E	FC	9:31 AM	9:36 AM	30	30	0	PASS	MM	X		
8/8/2022	S81/S82	W	/	E	FC	9:33 AM	9:38 AM	30	30	0	PASS	MM	X		
8/8/2022	S82/S83	W	/	E	FC	9:40 AM	9:45 AM	30	30	0	PASS	MM	X		
8/8/2022	S84/S85	W	/	E	FC	11:25 AM	11:30 AM	30	30	0	PASS	MM	X		
8/8/2022	S85/S86	W	/	E	FC	9:45 AM	9:50 AM	30	30	0	PASS	MM	X		
8/8/2022	S86/S87	W	/	E	FC	9:48 AM	9:53 AM	30	30	0	PASS	MM	X		
8/8/2022	S36/S78	W	/	E	FC	9:54 AM	9:59 AM	30	30	0	PASS	MM	X		
8/8/2022	S35/S78	W	/	E	FC	9:55 AM	10:00 AM	30	30	0	PASS	MM	X		
8/8/2022	S34/S78	W	/	E	FC	9:59 AM	10:04 AM	30	30	0	PASS	MM	X		
8/8/2022	S33/S78	W	/	E	FC	10:03 AM	10:08 AM	30	30	0	PASS	MM	X		
8/8/2022	S32/S78	W	/	E	FC	10:04 AM	10:09 AM	30	30	0	PASS	MM	X		
8/8/2022	S31/S78	W	/	E	FC	10:06 AM	10:11 AM	30	30	0	PASS	MM	X		
8/8/2022	S30/S78	W	/	E	FC	10:06 AM	10:11 AM	30	30	0	PASS	MM	X		
8/8/2022	S29/S78	W	/	E	FC	10:10 AM	10:15 AM	30	30	0	PASS	MM	X		
8/8/2022	S18/S78	W	/	E	FC	10:10 AM	10:15 AM	30	30	0	PASS	MM	X		
8/8/2022	S16/S78	W	/	E	FC	10:25 AM	10:30 AM	30	30	0	PASS	MM	X		
8/8/2022	S13/S78	W	/	E	FC	10:25 AM	10:30 AM	30	30	0	PASS	MM	X		
8/8/2022	S12/S78	W	/	E	FC	10:30 AM	10:35 AM	30	30	0	PASS	MM	X		
8/8/2022	S11/S78	W	/	E	FC	10:30 AM	10:35 AM	30	30	0	PASS	MM	X		
8/8/2022	S11/S79	W	/	E	FC	10:33 AM	10:38 AM	30	30	0	PASS	MM	X		
8/8/2022	S10/S79	W	/	E	FC	10:33 AM	10:38 AM	30	30	0	PASS	MM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/8/2022	S80/S81	S	/	N	FC	10:38 AM	10:43 AM	30	30	0	PASS	MM	X		
8/8/2022	S80/S82	W	/	E	FC	10:38 AM	10:43 AM	30	30	0	PASS	MM	X		
8/8/2022	S8/S80	W	/	E	FC	10:47 AM	10:52 AM	30	30	0	PASS	MM	X		
8/8/2022	S9/S80	W	/	E	FC	10:47 AM	10:52 AM	30	30	0	PASS	MM	X		
8/8/2022	S7/S82	W	/	E	FC	10:56 AM	11:01 AM	30	30	0	PASS	MM	X		
8/8/2022	S6/S82	W	/	E	FC	11:07 AM	11:12 AM	30	30	0	PASS	MM	X		
8/8/2022	S5/S83	W	/	E	FC	11:07 AM	11:12 AM	30	30	0	PASS	MM	X		
8/8/2022	S4/S83	W	/	E	FC	11:20 AM	11:25 AM	30	30	0	PASS	MM	X		
8/8/2022	S84/S86	E	/	W	FC	11:25 AM	11:30 AM	30	30	0	PASS	MM	X		
8/8/2022	S3/S84	E	/	W	FC	11:36 AM	11:41 AM	30	30	0	PASS	MM	X		
8/8/2022	S2/S84	E	/	W	FC	11:36 AM	11:41 AM	30	30	0	PASS	MM	X		
8/8/2022	S84/S86	E	/	W	FC	11:37 AM	11:42 AM	30	30	0	PASS	MM	X		
8/8/2022	S2/S86	W	/	E	FC	11:46 AM	11:51 AM	30	30	0	PASS	MM	X		
8/8/2022	S1/S86	W	/	E	FC	11:46 AM	11:51 AM	30	30	0	PASS	MM	X		
8/8/2022	S26/S86	S	/	N	FC	12:40 PM	12:45 PM	30	30	0	PASS	MM	X		
8/8/2022	S27/S87	S	/	N	FC	12:40 PM	12:45 PM	30	30	0	PASS	MM	X		
8/8/2022	S26/S87	S	/	N	FC	12:44 PM	12:49 PM	30	30	0	PASS	MM	X		
8/11/2022	S107/S108	S	/	N	FC	8:04 AM	8:09 AM	30	30	0	PASS	BM	X		
8/11/2022	S109/S110	S	/	N	FC	8:19 AM	8:24 AM	30	30	0	PASS	BM	X		
8/11/2022	S110/S111	E	/	W	FC	8:19 AM	8:24 AM	30	30	0	PASS	BM	X		
8/11/2022	S114/S115	S	/	N	FC	8:25 AM	8:30 AM	30	30	0	PASS	BM	X		
8/11/2022	S115/S116	E	/	W	FC	8:25 AM	8:30 AM	30	30	0	PASS	BM	X		
8/11/2022	S116/S117	E	/	W	FC	8:31 AM	8:36 AM	30	30	0	PASS	BM	X		
8/11/2022	S117/S118	E	/	W	FC	8:31 AM	8:36 AM	30	30	0	PASS	BM	X		
8/11/2022	S119/S120	E	/	W	FC	8:38 AM	8:43 AM	30	30	0	PASS	BM	X		
8/11/2022	S120/S121	E	/	W	FC	8:38 AM	8:43 AM	30	30	0	PASS	BM	X		
8/11/2022	S119/S121	E	/	W	FC	8:51 AM	8:56 AM	30	30	0	PASS	BM	X		
8/11/2022	S121/S122	E	/	W	FC	8:51 AM	8:56 AM	30	30	0	PASS	BM	X		
8/11/2022	S119/S122	E	/	W	FC	8:57 AM	9:02 AM	30	30	0	PASS	BM	X		
8/11/2022	S118/S119	E	/	W	FC	9:00 AM	9:05 AM	30	30	0	PASS	BM	X		
8/11/2022	S114/S118	E	/	W	FC	9:16 AM	9:21 AM	30	30	0	PASS	BM	X		
8/11/2022	S114/S116	E	/	W	FC	9:18 AM	9:23 AM	30	30	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/11/2022	S114/S175	S	/	N	FC	9:18 AM	9:23 AM	35	35	0	PASS	BM	X		
8/11/2022	S116/S118	E	/	W	FC	9:16 AM	9:21 AM	30	30	0	PASS	BM	X		
8/11/2022	S77/S102	S	/	N	FC	6:26 AM	6:31 AM	30	30	0	PASS	BM	X		
8/11/2022	S102/S103	S	/	N	FC	6:30 AM	6:35 AM	30	30	0	PASS	BM	X		
8/11/2022	S103/S104	S	/	D185	FC	6:38 AM	6:43 AM	30	30	0	PASS	BM		X	
8/11/2022	S103/S104	D185	/	D186	FC	6:35 AM	6:40 AM	30	30	0	PASS	BM		X	
8/11/2022	S103/S104	D186	/	NEOS	FC	8:11 AM	8:16 AM	30	30	0	PASS	BM	X		
8/11/2022	S104/S105	S	/	N	FC	6:40 AM	6:45 AM	30	30	0	PASS	BM	X		
8/11/2022	S103/S105	S	/	N	FC	8:12 AM	8:17 AM	30	30	0	PASS	BM	X		
8/11/2022	S105/S106	S	/	D187	FC	6:52 AM	6:57 AM	30	30	0	PASS	BM		X	
8/11/2022	S105/S106	D187	/	NEOS	FC	6:58 AM	7:03 AM	30	30	0	PASS	BM	X		
8/11/2022	S106/S109	S	/	N	FC	7:13 AM	7:18 AM	30	30	0	PASS	BM	X		
8/11/2022	S106/S108	S	/	N	FC	7:13 AM	7:18 AM	30	30	0	PASS	BM	X		
8/11/2022	S108/S109	S	/	N	FC	7:13 AM	7:18 AM	30	30	0	PASS	BM	X		
8/11/2022	S109/S113	S	/	D201	FC	7:25 AM	7:30 AM	30	30	0	PASS	BM		X	
8/11/2022	S109/S113	D201	/	NEOS	FC	7:28 AM	7:33 AM	30	30	0	PASS	BM	X		
8/11/2022	S113/S114	S	/	N	FC	7:39 AM	7:44 AM	30	30	0	PASS	BM	X		
8/11/2022	S109/S112	S	/	N	FC	7:50 AM	7:53 AM	30	30	0	PASS	BM	X		
8/11/2022	S112/S113	E	/	W	FC	7:49 AM	7:54 AM	30	30	0	PASS	BM	X		
8/11/2022	S109/S111	S	/	N	FC	7:58 AM	8:03 AM	30	30	0	PASS	BM	X		
8/11/2022	S111/S112	E	/	W	FC	7:58 AM	8:03 AM	30	30	0	PASS	BM	X		
8/11/2022	S106/S107	S	/	N	FC	8:04 AM	8:09 AM	30	30	0	PASS	BM	X		
8/12/2022	S149/S150	N	/	S	FC	6:34 AM	6:39 AM	30	30	0	PASS	BM	X		
8/12/2022	S135/S150	E	/	W	FC	6:46 AM	6:51 AM	30	30	0	PASS	BM	X		
8/12/2022	S135/S149	W	/	E	FC	6:46 AM	6:51 AM	30	30	0	PASS	BM	X		
8/12/2022	S148/S149	N	/	S	FC	6:36 AM	6:41 AM	30	30	0	PASS	BM	X		
8/12/2022	S135/S148	E	/	W	FC	6:43 AM	6:48 AM	30	30	0	PASS	BM	X		
8/12/2022	S147/S148	N	/	S	FC	6:37 AM	6:42 AM	30	30	0	PASS	BM	X		
8/12/2022	S135/S147	W	/	E	FC	6:43 AM	6:48 AM	30	30	0	PASS	BM	X		
8/12/2022	S136/S147	S	/	N	FC	7:00 AM	7:05 AM	30	30	0	PASS	BM	X		
8/12/2022	S146/S147	N	/	S	FC	7:00 AM	7:05 AM	30	30	0	PASS	BM	X		
8/12/2022	S136/S146	W	/	E	FC	7:00 AM	7:05 AM	30	30	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/12/2022	S145/S146	N	/	S	FC	7:10 AM	7:15 AM	30	30	0	PASS	BM	X		
8/12/2022	S136/S145	E	/	W	FC	7:20 AM	7:25 AM	30	30	0	PASS	BM	X		
8/12/2022	S144/S145	N	/	S	FC	7:15 AM	7:20 AM	30	30	0	PASS	BM	X		
8/12/2022	S136/S144	W	/	E	FC	7:15 AM	7:20 AM	30	30	0	PASS	BM	X		
8/12/2022	S135/S136	W	/	E	FC	7:06 AM	7:11 AM	30	30	0	PASS	BM	X		
8/12/2022	S136/S137	W	/	E	FC	7:23 AM	7:28 AM	30	30	0	PASS	BM	X		
8/12/2022	S137/S144	S	/	N	FC	7:26 AM	7:31 AM	30	30	0	PASS	BM	X		
8/12/2022	S137/S143	N	/	S	FC	7:26 AM	7:31 AM	30	30	0	PASS	BM	X		
8/12/2022	S143/S144	W	/	E	FC	7:26 AM	7:31 AM	30	30	0	PASS	BM	X		
8/12/2022	S142/S143	N	/	S	FC	7:35 AM	7:40 AM	30	30	0	PASS	BM	X		
8/12/2022	S126/S127	N	/	S	FC	9:10 AM	9:15 AM	30	30	0	PASS	BM	X		
8/12/2022	S126/S135	W	/	E	FC	9:12 AM	9:17 AM	30	30	0	PASS	BM	X		
8/12/2022	S125/S126	N	/	D220	FC	9:15 AM	9:20 AM	30	30	0	PASS	BM		X	
8/12/2022	S125/S126	D220	/	SEOS	FC	9:15 AM	9:20 AM	30	30	0	PASS	BM	X		
8/12/2022	S125/S135	E	/	W	FC	9:32 AM	9:37 AM	30	30	0	PASS	BM	X		
8/12/2022	S134/S135	E	/	W	FC	9:32 AM	9:37 AM	30	30	0	PASS	BM	X		
8/12/2022	S124/S125	N	/	S	FC	9:34 AM	9:39 AM	30	30	0	PASS	BM	X		
8/12/2022	S124/S134	W	/	E	FC	9:34 AM	9:39 AM	30	30	0	PASS	BM	X		
8/12/2022	S123/S124	N	/	S	FC	9:37 AM	9:42 AM	30	30	0	PASS	BM	X		
8/12/2022	S123/S134	W	/	E	FC	9:37 AM	9:42 AM	30	30	0	PASS	BM	X		
8/12/2022	S133/S134	E	/	W	FC	9:45 AM	9:50 AM	30	30	0	PASS	BM	X		
8/12/2022	S87/S133	E	/	W	FC	9:46 AM	9:51 AM	30	30	0	PASS	BM	X		
8/12/2022	S28/S123	N	/	D210	FC	9:49 AM	9:54 AM	30	30	0	PASS	BM		X	
8/12/2022	S28/S123	D210	/	SEOS	FC	9:49 AM	9:54 AM	30	30	0	PASS	BM	X		
8/12/2022	S123/S133	E	/	W	FC	9:59 AM	10:04 AM	30	30	0	PASS	BM	X		
8/12/2022	S28/S133	W	/	E	FC	9:59 AM	10:04 AM	30	30	0	PASS	BM	X		
8/12/2022	S98/S133	E	/	W	FC	10:08 AM	10:13 AM	30	30	0	PASS	BM	X		
8/12/2022	S137/S142	E	/	W	FC	7:40 AM	7:45 AM	30	30	0	PASS	BM	X		
8/12/2022	S141/S142	N	/	S	FC	7:40 AM	7:45 AM	30	30	0	PASS	BM	X		
8/12/2022	S137/S141	W	/	E	FC	7:40 AM	7:45 AM	30	30	0	PASS	BM	X		
8/12/2022	S138/S139	N	/	S	FC	7:47 AM	7:52 AM	30	30	0	PASS	BM	X		
8/12/2022	S139/S140	N	/	S	FC	7:50 AM	7:55 AM	30	30	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/12/2022	S140/S141	N	/	S	FC	7:50 AM	7:55 AM	30	30	0	PASS	BM	X		
8/12/2022	S139/S141	S	/	N	FC	7:50 AM	7:55 AM	30	30	0	PASS	BM	X		
8/12/2022	S132/S138	N	/	S	FC	7:59 AM	8:04 AM	30	30	0	PASS	BM	X		
8/12/2022	S130/S137	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D231
8/12/2022	S137/S138	E	/	W	FC	7:59 AM	8:04 AM	30	30	0	PASS	BM	X		
8/12/2022	S132/S137	W	/	E	FC	7:59 AM	8:04 AM	30	30	0	PASS	BM	X		
8/12/2022	S130/S132	S	/	N	FC	8:12 AM	8:17 AM	30	30	0	PASS	BM	X		
8/12/2022	S130/S131	N	/	S	FC	8:12 AM	8:17 AM	30	30	0	PASS	BM	X		
8/12/2022	S131/S132	N	/	S	FC	8:12 AM	8:17 AM	30	30	0	PASS	BM	X		
8/12/2022	S129/S130	S	/	N	FC	8:21 AM	8:26 AM	30	30	0	PASS	BM	X		
8/12/2022	S128/S129	N	/	S	FC	8:21 AM	8:26 AM	30	30	0	PASS	BM	X		
8/12/2022	S128/S130	W	/	E	FC	8:21 AM	8:26 AM	30	30	0	PASS	BM	X		
8/12/2022	S127/S128	N	/	S	FC	8:40 AM	8:45 AM	30	30	0	PASS	BM	X		
8/12/2022	S127/S129	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D245
8/12/2022	S129/S136	E	/	W	FC	8:43 AM	8:48 AM	30	30	0	PASS	BM	X		
8/12/2022	S127/S136	W	/	E	FC	8:43 AM	8:48 AM	30	30	0	PASS	BM	X		
8/13/2022	S122/S151	E	/	D261	FC	6:48 AM	6:53 AM	30	30	0	PASS	BM		X	
8/13/2022	S122/S151	D261	/	WEOS	FC	6:48 AM	6:53 AM	30	30	0	PASS	BM	X		
8/13/2022	S153/S156	E	/	W	FC	6:28 AM	6:33 AM	30	30	0	PASS	BM	X		
8/13/2022	S151/S153	E	/	W	FC	6:28 AM	6:33 AM	30	30	0	PASS	BM	X		
8/13/2022	S151/S152	E	/	W	FC	6:50 AM	6:55 AM	30	30	0	PASS	BM	X		
8/13/2022	S152/S153	E	/	W	FC	6:50 AM	6:55 AM	30	30	0	PASS	BM	X		
8/13/2022	S153/S154	E	/	W	FC	6:54 AM	6:59 AM	30	30	0	PASS	BM	X		
8/13/2022	S154/S155	N	/	S	FC	6:54 AM	6:59 AM	30	30	0	PASS	BM	X		
8/13/2022	S156/S157	N	/	S	FC	6:38 AM	6:43 AM	30	30	0	PASS	BM	X		
8/13/2022	S157/S158	N	/	S	FC	6:55 AM	7:00 AM	30	30	0	PASS	BM	X		
8/13/2022	S158/S159	N	/	S	FC	6:55 AM	7:00 AM	30	30	0	PASS	BM	X		
8/13/2022	S157/S159	N	/	S	FC	6:31 AM	6:36 AM	30	30	0	PASS	BM	X		
8/13/2022	S159/S160	N	/	S	FC	7:00 AM	7:05 AM	30	30	0	PASS	BM	X		
8/13/2022	S153/S155	E	/	W	FC	6:40 AM	6:45 AM	30	30	0	PASS	BM	X		
8/13/2022	S155/S156	N	/	S	FC	6:40 AM	6:45 AM	30	30	0	PASS	BM	X		
8/13/2022	S160/S161	N	/	S	FC	7:02 AM	7:07 AM	30	30	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/13/2022	S161/S162	N	/	S	FC	7:05 AM	7:10 AM	30	30	0	PASS	BM	X		
8/13/2022	S162/S163	N	/	D261	-	-	-	-	-	-	FAIL	BM		X	Seam capped, D262
8/13/2022	S162/S163	D261	/	SEOS	FC	7:21 AM	7:26 AM	30	30	0	PASS	BM	X		
8/13/2022	S163/S164	N	/	S	FC	7:15 AM	7:20 AM	30	30	0	PASS	BM	X		
8/14/2022	S99/S184	E	/	W	FC	6:25 AM	6:30 AM	30	30	0	PASS	BM	X		
8/14/2022	S100/S184	E	/	W	FC	6:25 AM	6:30 AM	30	30	0	PASS	BM	X		
8/14/2022	S100/S183	E	/	W	FC	6:29 AM	6:34 AM	30	30	0	PASS	BM	X		
8/14/2022	S183/S184	W	/	E	FC	6:39 AM	6:44 AM	30	30	0	PASS	BM	X		
8/14/2022	S181/S184	N	/	S	FC	6:39 AM	6:44 AM	30	30	0	PASS	BM	X		
8/14/2022	S181/S183	N	/	S	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D285
8/14/2022	S182/S183	S	/	N	FC	6:41 AM	6:46 AM	30	30	0	PASS	BM	X		
8/14/2022	S181/S182	E	/	W	FC	6:41 AM	6:46 AM	30	30	0	PASS	BM	X		
8/14/2022	S73/S182	W	/	E	FC	6:50 AM	6:55 AM	30	30	0	PASS	BM	X		
8/14/2022	S74/S182	E	/	W	FC	6:50 AM	6:55 AM	30	30	0	PASS	BM	X		
8/14/2022	S180/S181	W	/	D307	FC	7:20 AM	7:25 AM	35	35	0	PASS	BM		X	
8/14/2022	S180/S181	D307	/	EEOS	FC	7:16 AM	7:21 AM	35	35	0	PASS	BM	X		
8/14/2022	S180/S184	E	/	W	FC	6:56 AM	7:01 AM	30	30	0	PASS	BM	X		
8/14/2022	S75/S181	W	/	E	FC	7:23 AM	7:28 AM	35	35	0	PASS	BM	X		
8/14/2022	S76/S181	E	/	W	FC	7:23 AM	7:28 AM	35	35	0	PASS	BM	X		
8/14/2022	S76/S181	W	/	E	FC	7:27 AM	7:32 AM	32	32	0	PASS	BM	X		
8/14/2022	S102/S180	W	/	E	FC	7:50 AM	7:55 AM	34	34	0	PASS	BM	X		
8/14/2022	S103/S180	E	/	D293	FC	7:50 AM	7:55 AM	34	34	0	PASS	BM		X	
8/14/2022	S103/S180	D293	/	WEOS	FC	7:57 AM	8:02 AM	34	34	0	PASS	BM	X		
8/14/2022	S104/S180	E	/	W	FC	7:57 AM	8:02 AM	34	32	2	PASS	BM	X		
8/14/2022	S104/S178	W	/	E	-	-	-	-	-	-	FAIL	BM	X		Seam capped, D296
8/14/2022	S105/S178	E	/	D297	FC	8:18 AM	8:23 AM	31	31	0	PASS	BM		X	
8/14/2022	S105/S178	D297	/	WEOS	FC	8:18 AM	8:23 AM	34	33	1	PASS	BM	X		
8/14/2022	S106/S178	E	/	D299	FC	8:21 AM	8:26 AM	33	33	0	PASS	BM		X	
8/14/2022	S106/S178	D299	/	WEOS	FC	8:22 AM	8:27 AM	30	30	0	PASS	BM	X		
8/14/2022	S109/S178	E	/	W	FC	8:40 AM	8:45 AM	34	33	1	PASS	BM	X		
8/14/2022	S177/S178	W	/	E	FC	8:41 AM	8:46 AM	35	34	1	PASS	BM	X		
8/14/2022	S109/S177	E	/	W	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D308

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/14/2022	S113/S177	E	/	W	FC	9:06 AM	9:11 AM	30	30	0	PASS	BM	X		
8/14/2022	S114/S177	N	/	S	FC	9:06 AM	9:11 AM	32	31	1	PASS	BM	X		
8/14/2022	S114/S175	N	/	S	FC	9:18 AM	9:23 AM	35	35	0	PASS	BM	X		
8/14/2022	S119/S175	N	/	S	FC	9:21 AM	9:26 AM	35	35	0	PASS	BM	X		
8/14/2022	S175/S177	W	/	E	FC	9:31 AM	9:36 AM	39	38	1	PASS	BM	X		
8/14/2022	S119/S173	N	/	S	FC	9:32 AM	9:37 AM	35	34	1	PASS	BM	X		
8/14/2022	S173/S175	W	/	E	FC	9:35 AM	9:40 AM	38	38	0	PASS	BM	X		
8/14/2022	S151/S173	N	/	S	FC	9:32 AM	9:37 AM	34	33	1	PASS	BM	X		
8/14/2022	S156/S173	W	/	E	FC	9:45 AM	9:50 AM	30	30	0	PASS	BM	X		
8/14/2022	S156/S185	W	/	E	FC	9:45 AM	9:50 AM	30	30	0	PASS	BM	X		
8/14/2022	S173/S185	W	/	D279	FC	9:46 AM	9:51 AM	32	32	0	PASS	BM	X		
8/14/2022	S173/S185	D279	/	EEOS	FC	1:04 PM	1:09 PM	35	35	0	PASS	BM	X		
8/14/2022	S157/S185	W	/	E	FC	9:50 AM	9:55 AM	35	35	0	PASS	BM		X	
8/14/2022	S168/S169	N	/	S	FC	11:04 AM	11:09 AM	36	35	1	PASS	BM	X		
8/14/2022	S169/S187	W	/	E	FC	11:04 AM	11:09 AM	37	37	0	PASS	BM	X		
8/14/2022	S169/S170	N	/	S	FC	11:20 AM	11:25 AM	34	34	0	PASS	BM	X		
8/14/2022	S170/S171	N	/	S	FC	11:20 AM	11:25 AM	33	33	0	PASS	BM	X		
8/14/2022	S169/S171	N	/	S	FC	11:25 AM	11:30 AM	35	35	0	PASS	BM	X		
8/14/2022	S168/S171	S	/	N	FC	11:35 AM	11:40 AM	33	33	0	PASS	BM	X		
8/14/2022	S171/S172	S	/	N	FC	11:37 AM	11:42 AM	38	38	0	PASS	BM	X		
8/14/2022	S168/S172	N	/	S	FC	11:35 AM	11:40 AM	35	35	0	PASS	BM	X		
8/14/2022	S175/S176	N	/	S	FC	12:34 PM	11:39 AM	34	34	0	PASS	BM	X		
8/14/2022	S174/S176	W	/	E	FC	12:34 PM	11:39 AM	35	34	1	PASS	BM	X		
8/14/2022	S176/S177	W	/	E	FC	12:36 PM	12:41 PM	32	32	0	PASS	BM	X		
8/14/2022	S174/S175	W	/	E	FC	12:50 PM	12:55 PM	35	35	0	PASS	BM	X		
8/14/2022	S173/S174	N	/	S	FC	12:54 PM	12:59 PM	39	39	0	PASS	BM	X		
8/14/2022	S174/S185	W	/	E	FC	1:00 PM	1:05 AM	38	38	0	PASS	BM	X		
8/14/2022	S176/S179	W	/	E	FC	1:15 PM	1:20 AM	35	35	0	PASS	BM	X		
8/14/2022	S177/S179	S	/	N	FC	1:15 PM	1:20 AM	36	36	0	PASS	BM	X		
8/14/2022	S178/S179	W	/	E	FC	1:16 PM	1:21 AM	38	38	0	PASS	BM	X		
8/14/2022	S159/S185	W	/	E	FC	9:59 AM	10:04 AM	32	32	0	PASS	BM	X		
8/14/2022	S160/S185	W	/	E	FC	9:59 AM	10:04 AM	31	31	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/14/2022	S161/S185	E	/	W	FC	10:02 AM	10:07 AM	34	34	0	PASS	BM	X		
8/14/2022	S162/S185	W	/	E	FC	10:02 AM	10:07 AM	35	34	1	PASS	BM	X		
8/14/2022	S162/S186	W	/	E	FC	10:13 AM	10:18 AM	35	34	1	PASS	BM	X		
8/14/2022	S185/S186	W	/	E	FC	10:08 AM	10:13 AM	33	32	1	PASS	BM	X		
8/14/2022	S163/S186	W	/	E	FC	10:13 AM	10:18 AM	35	33	2	PASS	BM	X		
8/14/2022	S164/S186	E	/	W	FC	10:17 AM	10:22 AM	34	34	0	PASS	BM	X		
8/14/2022	S165/S186	W	/	E	FC	10:17 AM	10:22 AM	35	34	1	PASS	BM	X		
8/14/2022	S164/S165	S	/	D263	FC	10:20 AM	10:25 AM	35	34	1	PASS	BM		X	
8/14/2022	S164/S165	D263	/	NEOS	FC	10:27 AM	10:32 AM	30	30	0	PASS	BM	X		
8/14/2022	S119/S151	W	/	E	FC	10:35 AM	10:40 AM	30	30	0	PASS	BM	X		
8/14/2022	S165/S166	N	/	S	FC	10:45 AM	10:50 AM	39	39	0	PASS	BM	X		
8/14/2022	S166/S186	E	/	W	FC	10:46 AM	10:51 AM	34	33	1	PASS	BM	X		
8/14/2022	S166/S187	W	/	E	FC	10:46 AM	10:51 AM	35	35	0	PASS	BM	X		
8/14/2022	S186/S187	W	/	E	FC	10:50 AM	10:55 AM	39	39	0	PASS	BM	X		
8/14/2022	S166/S167	N	/	S	FC	10:53 AM	10:58 AM	34	34	0	PASS	BM	X		
8/14/2022	S167/S187	E	/	W	FC	10:57 AM	11:02 AM	34	33	1	PASS	BM	X		
8/14/2022	S167/S168	N	/	S	FC	10:57 AM	11:02 AM	37	37	0	PASS	BM	X		
8/14/2022	S168/S187	W	/	E	FC	10:57 AM	11:02 AM	32	32	0	PASS	BM	X		
8/18/2022	S149/S193	N	/	S	FC	2:53 PM	2:58 PM	34	34	0	PASS	BM	X		
8/18/2022	S149/S192	S	/	N	FC	2:53 AM	2:58 AM	34	33	1	PASS	BM	X		
8/18/2022	S149/S190	N	/	S	FC	2:53 PM	2:58 PM	34	33	1	PASS	BM	X		
8/18/2022	S150/S192	N	/	S	FC	3:01 PM	3:06 PM	34	34	0	PASS	BM	X		
8/18/2022	S191/S192	S	/	D359	FC	3:01 PM	3:06 PM	35	34	1	PASS	BM		X	
8/18/2022	S191/S192	D359	/	D357	FC	3:12 PM	3:17 PM	34	34	0	PASS	BM		X	
8/18/2022	S191/S192	D357	/	NEOS	FC	3:12 PM	3:17 PM	33	33	0	PASS	BM	X		
8/18/2022	S191/S192	E	/	W	FC	1:53 PM	1:58 PM	34	34	0	PASS	BM	X		
8/18/2022	S191/S194	S	/	N	FC	3:18 PM	3:23 PM	34	34	0	PASS	BM	X		
8/18/2022	S171/S196	S	/	N	FC	3:35 PM	3:40 PM	30	30	0	PASS	BM	X		
8/18/2022	S170/S196	S	/	N	FC	3:45 PM	3:50 PM	30	30	0	PASS	BM	X		
8/18/2022	S172/S196	N	/	S	FC	3:53 PM	3:58 PM	34	34	0	PASS	BM	X		
8/18/2022	S98/S188	W	/	E	FC	12:50 PM	12:55 PM	35	34	1	PASS	BM	X		
8/18/2022	S99/S188	E	/	W	FC	12:50 PM	12:55 PM	34	34	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/18/2022	S133/S188	S	/	N	FC	1:00 PM	1:05 PM	38	37	1	PASS	BM	X		
8/18/2022	S134/S188	E	/	W	FC	1:00 PM	1:05 PM	36	36	0	PASS	BM	X		
8/18/2022	S134/S189	S	/	N	FC	1:02 PM	1:07 PM	34	34	0	PASS	BM	X		
8/18/2022	S135/S189	E	/	W	FC	1:02 PM	1:07 PM	36	35	1	PASS	BM	X		
8/18/2022	S188/S189	E	/	W	FC	1:14 PM	1:19 PM	35	35	0	PASS	BM	X		
8/18/2022	S189/S190	E	/	D349	FC	1:15 PM	1:20 PM	34	34	0	PASS	BM		X	
8/18/2022	S189/S190	D349	/	WEOS	FC	1:15 PM	1:20 PM	37	36	1	PASS	BM	X		
8/18/2022	S135/S190	S	/	N	FC	1:25 PM	1:30 PM	35	35	0	PASS	BM	X		
8/18/2022	S190/S191	E	/	D351	FC	1:25 PM	1:30 PM	35	35	0	PASS	BM		X	
8/18/2022	S190/S191	D351	/	WEOS	FC	1:35 PM	1:40 PM	36	35	1	PASS	BM	X		
8/18/2022	S150/S191	S	/	N	FC	1:25 PM	1:30 PM	37	36	1	PASS	BM	X		
8/18/2022	S192/S193	W	/	E	FC	2:02 PM	2:07 PM	34	34	0	PASS	BM	X		
8/18/2022	S192/S194	S	/	N	FC	2:02 PM	2:07 PM	34	34	0	PASS	BM	X		
8/18/2022	S193/S194	N	/	S	FC	2:02 PM	2:07 PM	38	37	1	PASS	BM	X		
8/18/2022	S194/S195	S	/	N	FC	2:30 PM	2:35 PM	34	34	0	PASS	BM	X		
8/18/2022	S195/S196	S	/	N	FC	2:32 PM	2:37 PM	36	36	0	PASS	BM	X		
8/18/2022	S147/S193	S	/	N	FC	2:50 PM	2:55 PM	32	31	1	PASS	BM	X		
8/18/2022	S148/S193	S	/	N	FC	2:50 PM	2:55 PM	30	30	0	PASS	BM	X		
8/19/2022	S77/S181	W	/	E	FC	7:27 AM	7:32 AM	32	32	0	PASS	BM	X		
8/20/2022	S205/S206	N	/	S	FC	6:45 AM	6:50 AM	34	34	0	PASS	BM	X		
8/20/2022	S206/S207	N	/	D396	FC	6:50 AM	6:55 AM	35	34	1	PASS	BM		X	
8/20/2022	S206/S207	D396	/	SEOS	FC	6:51 AM	6:56 AM	35	35	0	PASS	BM	X		
8/20/2022	S207/S210	N	/	S	FC	6:53 AM	6:58 AM	35	34	1	PASS	BM	X		
8/20/2022	S210/S211	N	/	S	FC	6:53 AM	7:00 AM	36	35	1	PASS	BM	X		
8/20/2022	S211/S212	N	/	S	FC	6:56 AM	7:01 AM	35	35	0	PASS	BM	X		
8/20/2022	S212/S213	N	/	S	FC	6:58 AM	7:03 AM	36	36	0	PASS	BM	X		
8/20/2022	S213/S214	N	/	S	FC	7:12 AM	7:17 AM	36	36	0	PASS	BM	X		
8/22/2022	S204/S209	E	/	W	FC	7:26 AM	7:31 AM	35	35	0	PASS	BM	X		
8/20/2022	S204/S205	E	/	W	FC	7:26 AM	7:31 AM	34	33	1	PASS	BM	X		
8/20/2022	S204/S208	E	/	W	FC	7:26 AM	7:31 AM	36	35	1	PASS	BM	X		
8/20/2022	S205/S208	E	/	W	FC	7:26 AM	7:31 AM	36	35	1	PASS	BM	X		
8/20/2022	S201/S202	E	/	W	FC	7:32 AM	7:37 AM	38	38	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/20/2022	S200/S201	E	/	W	FC	7:40 AM	7:45 AM	36	36	0	PASS	BM	X		
8/20/2022	S198/S199	E	/	D398	FC	-	-	-	-	-	FAIL	BM		X	Seam capped, D398
8/20/2022	S198/S199	D398	/	WEOS	FC	8:05 AM	8:10 AM	36	35	1	PASS	BM	X		
8/20/2022	S214/S216	E	/	W	FC	8:06 AM	8:11 AM	38	36	2	PASS	BM	X		
8/20/2022	S215/S216	E	/	W	FC	8:17 AM	8:22 AM	36	36	0	PASS	BM	X		
8/20/2022	S200/S215	E	/	W	FC	8:19 AM	8:24 AM	38	38	0	PASS	BM	X		
8/20/2022	S199/S215	N	/	S	FC	8:27 AM	8:32 AM	34	34	0	PASS	BM	X		
8/20/2022	S199/S216	E	/	W	FC	8:06 AM	8:11 AM	38	38	0	PASS	BM	X		
8/20/2022	S197/S198	E	/	W	FC	8:35 AM	8:40 AM	30	29	1	PASS	BM	X		
8/20/2022	S172/S197	E	/	W	FC	8:35 AM	8:38 AM	34	34	0	PASS	BM	X		
8/22/2022	S232/S233	S	/	D399	FC	7:55 AM	8:00 AM	36	35	1	PASS	BM		X	
8/22/2022	S232/S233	D399	/	NEOS	FC	7:50 AM	7:55 AM	35	35	0	PASS	BM	X		
8/22/2022	S231/S233	W	/	E	FC	7:45 AM	7:50 AM	34	34	0	PASS	BM	X		
8/22/2022	S229/S231	E	/	W	FC	8:06 AM	8:11 AM	36	36	0	PASS	BM	X		
8/22/2022	S231/S232	W	/	E	FC	8:27 AM	8:32 AM	36	36	0	PASS	BM	X		
8/22/2022	S214/S232	N	/	S	FC	8:27 AM	8:32 AM	36	36	0	PASS	BM	X		
8/22/2022	S214/S231	E	/	W	FC	8:27 AM	8:32 AM	36	36	0	PASS	BM	X		
8/22/2022	S213/S231	W	/	E	FC	8:35 AM	8:40 AM	33	33	0	PASS	BM	X		
8/22/2022	S213/S230	E	/	W	FC	8:38 AM	8:43 AM	36	35	1	PASS	BM	X		
8/22/2022	S230/S231	S	/	N	FC	8:35 AM	8:40 AM	35	35	0	PASS	BM	X		
8/22/2022	S212/S230	W	/	E	FC	8:46 AM	8:51 AM	34	34	0	PASS	BM	X		
8/22/2022	S211/S230	E	/	W	FC	8:46 AM	8:51 AM	35	35	0	PASS	BM	X		
8/22/2022	S210/S230	W	/	E	FC	8:57 AM	9:02 AM	35	35	0	PASS	BM	X		
8/22/2022	S207/S230	E	/	D400	FC	8:57 AM	9:02 AM	37	36	1	PASS	BM		X	
8/22/2022	S207/S230	D400	/	WEOS	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D400
8/22/2022	S206/S230	W	/	E	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D401
8/22/2022	S222/S229	S	/	N	FC	9:28 AM	9:33 AM	36	36	0	PASS	BM	X		
8/22/2022	S224/S230	W	/	E	FC	9:19 AM	9:24 AM	35	35	0	PASS	BM	X		
8/22/2022	S223/S224	S	/	N	FC	9:19 AM	9:24 AM	36	36	0	PASS	BM	X		
8/22/2022	S223/S230	W	/	E	FC	9:19 AM	9:24 AM	37	36	1	PASS	BM	X		
8/22/2022	S223/S229	W	/	E	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D403
8/22/2022	S229/S230	E	/	D404	FC	8:58 AM	9:03 AM	36	36	0	PASS	BM		X	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/22/2022	S229/S230	D404	/	WEOS	FC	9:23 AM	9:28 AM	34	34	0	PASS	BM	X		
8/22/2022	S222/S223	S	/	N	FC	9:28 AM	9:33 AM	35	35	0	PASS	BM	X		
8/22/2022	S220/S228	S	/	N	FC	9:34 AM	9:39 AM	35	34	1	PASS	BM	X		
8/22/2022	S221/S222	S	/	N	FC	9:34 AM	9:39 AM	35	35	0	PASS	BM	X		
8/22/2022	S228/S229	W	/	E	FC	9:34 AM	9:39 AM	35	35	0	PASS	BM	X		
8/22/2022	S220/S222	W	/	E	FC	9:24 AM	9:29 AM	35	35	0	PASS	BM	X		
8/22/2022	S218/S220	S	/	N	FC	9:40 AM	9:45 AM	36	36	0	PASS	BM	X		
8/22/2022	S218/S228	W	/	E	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D404
8/22/2022	S218/S226	W	/	E	FC	9:40 AM	9:45 AM	35	34	1	PASS	BM	X		
8/22/2022	S226/S228	W	/	E	FC	9:40 AM	9:45 AM	34	34	0	PASS	BM	X		
8/22/2022	S218/S235	S	/	N	FC	9:50 AM	9:55 AM	36	36	0	PASS	BM	X		
8/22/2022	S226/S227	S	/	N	FC	9:59 AM	10:04 AM	37	37	0	PASS	BM	X		
8/22/2022	S227/S228	W	/	E	FC	9:59 AM	10:04 AM	38	38	0	PASS	BM	X		
8/22/2022	S227/S234	W	/	E	FC	10:14 AM	10:19 AM	37	37	0	PASS	BM	X		
8/22/2022	S206/S224	W	/	E	FC	10:20 AM	10:25 AM	36	36	0	PASS	BM	X		
8/22/2022	S224/S225	S	/	N	FC	10:20 AM	10:25 AM	38	38	0	PASS	BM	X		
8/22/2022	S206/S225	E	/	W	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D406
8/22/2022	S205/S225	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D406
8/22/2022	S204/S225	S	/	N	FC	10:21 AM	10:26 AM	38	38	0	PASS	BM	X		
8/22/2022	S202/S204	E	/	W	FC	10:30 AM	10:35 AM	37	37	0	PASS	BM	X		
8/22/2022	S202/S225	N	/	S	FC	10:32 AM	10:37 AM	34	34	0	PASS	BM	X		
8/22/2022	S201/S225	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D407
8/22/2022	S201/S224	S	/	N	FC	10:33 AM	10:38 AM	36	36	0	PASS	BM	X		
8/22/2022	S200/S224	W	/	E	FC	10:34 AM	10:39 AM	34	33	1	PASS	BM	X		
8/22/2022	S200/S223	S	/	N	FC	10:35 AM	10:40 AM	36	36	0	PASS	BM	X		
8/22/2022	S215/S223	N	/	S	FC	10:40 AM	10:45 AM	36	36	0	PASS	BM	X		
8/22/2022	S216/S223	S	/	N	FC	10:40 AM	10:45 AM	35	35	0	PASS	BM	X		
8/22/2022	S199/S223	N	/	S	FC	10:43 AM	10:48 AM	35	35	0	PASS	BM	X		
8/22/2022	S198/S223	S	/	N	FC	10:43 AM	10:48 AM	36	36	0	PASS	BM	X		
8/22/2022	S197/S223	N	/	S	FC	10:48 AM	10:53 AM	35	35	0	PASS	BM	X		
8/22/2022	S219/S221	S	/	N	FC	10:55 AM	11:00 AM	36	36	0	PASS	BM	X		
8/22/2022	S219/S222	N	/	S	FC	10:55 AM	11:00 AM	37	37	0	PASS	BM	X		

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/22/2022	S221/S222	E	/	W	FC	10:55 AM	11:00 AM	37	37	0	PASS	BM	X		
8/22/2022	S221/S223	S	/	N	FC	10:57 AM	11:02 AM	38	38	0	PASS	BM	X		
8/22/2022	S219/S220	W	/	E	FC	11:05 AM	11:10 AM	34	34	0	PASS	BM	X		
8/22/2022	S218/S219	S	/	N	FC	11:15 AM	11:20 AM	37	37	0	PASS	BM	X		
8/22/2022	S217/S219	N	/	S	FC	11:15 AM	11:20 AM	36	36	0	PASS	BM	X		
8/22/2022	S217/S218	W	/	E	FC	11:15 AM	11:20 AM	36	36	0	PASS	BM	X		
8/23/2022	S193/S217	E	/	W	FC	7:50 AM	7:55 AM	38	38	0	PASS	BM	X		
8/23/2022	S194/S217	W	/	E	FC	7:48 AM	7:53 AM	34	34	0	PASS	BM	X		
8/23/2022	S194/S219	E	/	W	FC	7:48 AM	7:35 AM	30	30	0	PASS	BM	X		
8/23/2022	S195/S219	W	/	E	FC	7:41 AM	7:46 AM	35	35	0	PASS	BM	X		
8/23/2022	S195/S221	E	/	W	FC	7:41 AM	7:46 AM	32	32	0	PASS	BM	X		
8/23/2022	S196/S221	W	/	E	FC	7:38 AM	7:43 AM	34	34	0	PASS	BM	X		
8/23/2022	S196/S223	E	/	W	FC	7:38 AM	7:43 AM	36	35	1	PASS	BM	X		
8/23/2022	S172/S223	W	/	E	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D415
8/23/2022	S205/S208	S	/	N	FC	8:33 AM	8:38 AM	35	35	0	PASS	BM	X		
8/23/2022	S205/S209	N	/	S	FC	8:25 AM	8:30 AM	34	34	0	PASS	BM	X		
8/23/2022	S208/S209	E	/	W	FC	8:25 AM	8:30 AM	36	36	0	PASS	BM	X		
8/23/2022	S203/S204	E	/	W	FC	8:15 AM	8:20 AM	32	32	0	PASS	BM	X		
8/23/2022	S202/S203	E	/	W	FC	8:15 AM	8:20 AM	30	30	0	PASS	BM	X		
8/23/2022	S199/S200	E	/	W	FC	8:38 AM	8:43 AM	34	34	0	PASS	BM	X		
8/24/2022	S128/S234	E	/	W	FC	6:28 AM	6:33 AM	35	35	0	PASS	BM	X		
8/24/2022	S130/S234	E	/	W	FC	6:28 AM	6:33 AM	34	34	0	PASS	BM	X		
8/24/2022	S130/S227	W	/	E	FC	6:31 AM	6:36 AM	34	34	0	PASS	BM	X		
8/24/2022	S131/S227	W	/	E	FC	6:31 AM	6:36 AM	33	32	1	PASS	BM	X		
8/24/2022	S132/S226	W	/	E	FC	6:34 AM	6:39 AM	35	35	0	PASS	BM	X		
8/24/2022	S138/S226	E	/	W	FC	6:34 AM	6:39 AM	32	32	0	PASS	BM	X		
8/24/2022	S139/S226	W	/	E	FC	6:43 AM	6:48 AM	36	36	0	PASS	BM	X		
8/24/2022	S139/S235	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D435
8/24/2022	S140/S235	S	/	N	FC	6:44 AM	6:49 AM	34	34	0	PASS	BM	X		
8/24/2022	S178/S180	W	/	D295	FC	-	-	-	-	-	FAIL	BM		X	Seam capped, D455
8/24/2022	S178/S180	D295	/	D454	FC	-	-	-	-	-	FAIL	BM		X	Seam capped, D456
8/24/2022	S178/S180	D454	/	D455	FC	10:45 AM	10:50 AM	30	30	0	PASS	BM		X	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Pressure Testing Summary



Date Tested	Seam Number	Location			QC Tech.	Time		Pressure		Pressure Difference (psi)	Pass/Fail	QA Monitor	Seam Complete		Remarks
		From	/	To		Start	Finish	Initial (psi)	Final (psi)				Yes	No	
8/24/2022	S178/S180	D455	/	D456	FC	11:04 AM	11:09 AM	34	34	0	PASS	BM		X	
8/24/2022	S178/S180	D456	/	EEOS	FC	10:55 AM	11:00 AM	36	36	0	PASS	BM	X		
8/24/2022	S187/S196	S	/	N	FC	8:30 AM	8:35 AM	36	35	1	PASS	BM	X		
8/24/2022	S186/S196	S	/	N	FC	8:46 AM	8:51 AM	33	32	1	PASS	BM	X		
8/24/2022	S186/S195	N	/	S	FC	8:46 AM	8:51 AM	34	34	0	PASS	BM	X		
8/24/2022	S185/S195	N	/	S	FC	8:49 AM	8:54 AM	34	34	0	PASS	BM	X		
8/24/2022	S185/S194	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D447
8/24/2022	S174/S194	N	/	S	FC	9:11 AM	9:16 AM	34	34	0	PASS	BM	X		
8/24/2022	S176/S194	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D448
8/24/2022	S176/S191	S	/	N	FC	9:11 AM	9:16 AM	32	32	0	PASS	BM	X		
8/24/2022	S179/S190	N	/	S	FC	9:19 AM	9:24 AM	34	33	1	PASS	BM	X		
8/24/2022	S178/S190	S	/	N	FC	-	-	-	-	-	FAIL	BM	X		Seam capped, D450
8/24/2022	S178/S189	N	/	S	FC	9:14 AM	9:19 AM	34	34	0	PASS	BM	X		
8/24/2022	S180/S189	S	/	N	FC	9:16 AM	9:21 AM	30	30	0	PASS	BM	X		
8/24/2022	S180/S188	N	/	S	FC	9:16 AM	9:21 AM	32	32	0	PASS	BM	X		
8/24/2022	S184/S188	S	/	N	FC	9:18 AM	9:23 AM	34	33	1	PASS	BM	X		



APPENDIX I.7 – SECONDARY GEOMEMBRANE DEFECT/REPAIR SUMMARY

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Location: AT - Anchor Trench; TI - Tie In; N EOS - North End of Seam; E EOS - East End of Seam; S EOS - South End of Seam; W EOS - West End of Seam

Defect Type: FM - Fishmouth; BO - Burnout; W - Wrinkle; BS - Boot Skirt; DF - Fusion Destruct; DX - Extrusion Destruct; PU - Puncture; PT - Pressure Test; INT - Panel Intersection

FS - Failed Seam; DO - Damage by Others; WR - Welder Restart; IO - Insufficient Overlap; MD - Manufacturer Defect; FVT - Failed Vacuum Test

Defect Repair: P - Patch; C - Cap; B - Bead

Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
07/25/22	D1	S1/S2	90' E of WEOS	DF-1	07/27/22	1:33 PM	2x5	P	GS	1	07/27/22	SS	BM	P	Destruct
07/25/22	D2	S2/S3	90' E of WEOS	DF-2	07/27/22	1:46 PM	2x5	P	GS	1	07/27/22	SS	BM	P	Destruct
07/25/22	D3	S6/S7	AT	CAP	08/01/22	9:15 AM	2x43	CAP	GS	1	08/01/22	SS	BM	P	
07/26/22	D4	S7/S8	AT	BO	07/27/22	10:33 AM	3x5	P	GS	1	07/27/22	SS	BM	P	
07/26/22	D5	S10/S11	AT	BO	07/27/22	2:30 PM	2x7	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D6	S11/S12	AT	WR	07/27/22	2:24 PM	2x6	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D7	S13/S14/S15	INT	INT	07/27/22	2:00 PM	3x4	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D8	S13/S15	54' W of EEOS	DF-3	08/01/22	8:45 AM	3x8	P	WL	30	07/27/22	SS	BM	P	Destruct, Covers D12
07/26/22	D9	S15/S16	AT	WR	07/27/22	1:40 PM	3x4	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D10	S16/S17	AT	WR	07/27/22	1:05 PM	3x4	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D11	S16/S17/S18	INT	INT	07/27/22	1:00 PM	2x14	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D12	S13/S15/S16	INT	INT	08/01/22	-	-	-	-	-	-	-	-	-	Covered by D8
07/26/22	D13	S1/S19	61' E of WEOS	DF-4	07/27/22	1:25 PM	2x5	P	GS	1	07/27/22	SS	BM	P	Destruct
07/26/22	D14	S1/S19	AT	BO	07/27/22	1:12 PM	2x3	P	GS	1	07/27/22	SS	BM	P	
07/26/22	D15	S22/S23	AT	WR	07/27/22	11:11 AM	3x3	P	GS	1	07/27/22	SS	BM	P	
07/26/22	D16	S21/S22/S23	INT	INT	07/27/22	11:20 AM	2x2	P	GS	1	07/27/22	SS	BM	P	
07/26/22	D17	S20/S21/S23/S24	INT	INT	07/27/22	10:55 AM	3x5	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D18	S19/S20/S24	INT	INT	07/27/22	10:30 AM	3x5	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D19	S19/S24/S25	INT	INT	07/27/22	10:20 AM	3x4	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D20	S1/S19/S25	INT	INT	07/27/22	9:52 AM	3x3	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D21	S1/S25/S26	INT	INT	07/27/22	10:00 AM	3x4	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D22	S26/S27	AT	BO	07/27/22	10:45 AM	2x3	P	WL	30	07/27/22	SS	BM	P	
07/26/22	D23	S26/S27	65' N of SEOS	DF-5	07/27/22	11:40 AM	2x5	P	GS	1	07/27/22	SS	BM	P	Destruct
07/26/22	D24	S27/S28	AT	BO	07/27/22	10:35 AM	2x2	P	GS	1	07/27/22	SS	BM	P	
07/26/22	D25	S27/S28	98' N of SOES	DF-6	07/27/22	10:50 AM	2X5	P	GS	1	07/27/22	SS	BM	P	Destruct
07/26/22	D26	S19/S20	AT	PT	07/27/22	1:01 PM	2x4	P	WL	30	07/27/22	SS	BM	P	
07/27/22	D27	S18	AT	DO	08/01/22	9:06 AM	2x2	P	WL	47	08/01/22	SS	BM	P	
07/27/22	D28	S18/S29	112' N of SOES	DF-7	08/01/22	9:18 AM	2x8	P	WL	47	08/01/22	SS	BM	P	Destruct, Covers D29
07/27/22	D29	S18/S29	AT	BO	08/01/22	-	-	-	WL	47	-	-	-	-	Covered by D28
07/27/22	D30	S29/S30	113' N of SEOS	DF-8	08/01/22	9:32 AM	2x5	DF-08	WL	47	08/09/22	SS	BM	P	Destruct
07/27/22	D31	S31/S32	AT	WR	08/01/22	10:15 AM	2x4	P	WL	47	08/09/22	SS	BM	P	
07/28/22	D32	S36/S37	114' N of SOES	BO	08/01/22	10:20 AM	2x2	P	WL	47	08/09/22	SS	BM	P	
07/28/22	D33	S37/S38	126' N of SOES	DF-9	08/01/22	10:38 AM	2x5	DF-09	WL	47	08/09/22	SS	BM	P	Destruct

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
07/28/22	D34	S39/S40	100' S of NEOS	DF-10	08/04/22	8:30 AM	2x5	DF-10	GS	1	08/09/22	SS	BM	P	Destruct
07/28/22	D35	S41/S42	AT	WR	08/04/22	11:00 AM	2x12	P	GS	1	08/09/22	SS	BM	P	
07/28/22	D36	S43/S44	AT	IO	08/04/22	11:30 AM	2x6	P	GS	1	08/09/22	SS	BM	P	
07/28/22	D37	S44/S45	43' S of NEOS	DF-11	08/08/22	11:38 AM	2x5	DF-11	GS	1	08/09/22	SS	BM	P	Destruct
08/01/22	D38	CAP1/S6	15' W of EEOS	DX-1	08/01/22	10:45 AM	2x5	DX-1	GS	1	08/01/22	SS	BM	P	Destruct
08/01/22	D39	S6/S7	50' W of EEOS	CAP	08/01/22	9:30 AM	2x18	CAP	GS	1	08/01/22	SS	BM	P	Fail Seam
08/01/22	D40	S6/S7	69' W of EEOS	CAP	08/01/22	9:42 AM	2x20	CAP	GS	1	08/01/22	SS	BM	P	Fail Seam
08/01/22	D41	S6/S7	95' W of EEOS	CAP	08/01/22	9:50 AM	2x19	CAP	GS	1	08/01/22	SS	BM	P	Fail Seam
08/01/22	D42	S47/S48	68' N of SEOS	DF-12	08/04/22	8:55 AM	2x5	DF-12	WL	47	08/01/22	SS	BM	P	Destruct
08/01/22	D43	S59/S60	25' E of WEOS	DF-13	08/09/22	9:17 AM	2x5	DF-13	GS	1	08/01/22	SS	BM	P	Destruct
08/01/22	D44	S36/S37	118' N of SEOS	DF-14	08/04/22	8:55 AM	2x5	DF-14	GS	1	08/01/22	SS	BM	P	Destruct
08/01/22	D45	S46/S47	14' N of SEOS	PT	08/08/22	12:56 PM	2x2	P	GS	1	08/09/22	SS	BM	P	
08/01/22	D46	S45/S46	AT	WR	08/08/22	7:32 AM	2x2	P	WL	47	08/09/22	SS	BM	P	
08/01/22	D47	S46/S47	AT	PT	08/08/22	8:35 AM	2x2	P	WL	47	08/09/22	SS	BM	P	
08/01/22	D48	S47/S48/S60	INT	INT	08/08/22	-	-	-	-	-	-	-	-	-	Covered by D49
08/01/22	D49	S48/S60	S - N	FS	08/08/22	1:53 PM	3x11	CAP	GS	1	08/09/22	SS	BM	P	
08/01/22	D50	S48/S59/S60	INT	INT	08/08/22	-	-	-	-	-	-	-	-	-	Covered by D49
08/01/22	D51	S48/S59	S - N	FS	08/08/22	2:00 PM	2x13	CAP	GS	1	08/09/22	SS	BM	P	
08/01/22	D52	S48/S49/S59	INT	INT	08/08/22	2:32 PM	2x4	P	GS	1	08/09/22	SS	BM	P	
08/01/22	D53	S49/S58/S59	INT	INT	08/09/22	-	-	-	-	-	-	-	-	-	Covered by D54
08/01/22	D54	S49/S58	S - N	FS	08/09/22	11:15 AM	2x15	CAP	GS	1	08/09/22	SS	BM	P	Covers D53
08/01/22	D55	S49/S50/S58	INT	INT	08/09/22	11:25 AM	2x6	P	GS	1	08/09/22	SS	BM	P	
08/01/22	D56	S49/S50	AT	PT	08/04/22	9:05 AM	2x2	P	WL	47	08/09/22	SS	BM	P	
08/01/22	D57	S50/S57/S58	INT	INT	08/09/22	1:15 PM	4X8	P	GS	1	08/09/22	SS	BM	P	
08/02/22	D58	S50/S57	S - N	FS	08/09/22	1:40 PM	4X9	CAP	GS	1	08/09/22	SS	BM	P	
08/02/22	D59	S50/S57/S57	INT	INT	08/09/22	10:45 AM	2X4	P	GS	10	08/09/22	SS	BM	P	
08/02/22	D60	S51/S56/S57	INT	INT	08/09/22	-	-	-	-	-	-	-	-	-	Covered by D61
08/02/22	D61	S51/S56	N - S	FS	08/09/22	10:25 AM	2X18	CAP	GS	1	08/09/22	SS	BM	P	
08/02/22	D62	S51/S52/S56	INT	INT	08/09/22	-	-	-	-	-	-	-	-	-	Covered by D61
08/02/22	D63	S52/S55/S56	INT	INT	08/09/22	10:20 AM	2X2	P	GS	1	08/09/22	SS	BM	P	
08/02/22	D64	S52/S53/S55	INT	INT	08/09/22	10:16 AM	2X2	P	GS	1	08/09/22	SS	BM	P	
08/02/22	D65	S53/S54/S53	INT	INT	08/04/22	10:10 AM	2X3	P	WL	47	08/09/22	SS	BM	P	
08/02/22	D66	S53/S54	S - N	FS	08/04/22	9:59 AM	2X11	CAP	WL	47	08/09/22	SS	BM	P	
08/02/22	D67	S54/S55	E - W	FS	08/09/22	10:23 AM	2X10	CAP	GS	1	08/09/22	SS	BM	P	
08/02/22	D68	S55/S56	AT	BO	08/09/22	9:46 AM	2X5	P	GS	1	08/09/22	SS	BM	P	
08/02/22	D69	S62/S65/S66	INT	INT	08/09/22	9:01 AM	3X5	P	GS	1	08/09/22	SS	BM	P	
08/02/22	D70	S62/S64/S65	INT	INT	08/09/22	8:36 AM	3X11	P	GS	1	08/09/22	SS	BM	P	
08/02/22	D71	S62/S63/S64	INT	INT	08/09/22	7:19 AM	4X5	P	GS	1	08/09/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/02/22	D72	S64/S65	21' E of WEOS	DF-15	08/09/22	8:04 AM	2X5	DF-15	GS	1	08/09/22	SS	BM	P	Destruct
08/02/22	D73	S46/S47/S60/S61	INT	INT	08/08/22	1:28 PM	3X18	CAP	GS	1	08/09/22	SS	BM	P	
08/02/22	D74	S45/S46/S60/S61	INT	INT	08/08/22	11:25 AM	2X9	CAP	GS	1	08/09/22	SS	BM	P	
08/02/22	D75	S44/S45/S62/S63	INT	INT	08/05/22	11:50 AM	3X4	P	GS	1	08/09/22	SS	BM	P	
08/02/22	D76	S43/S44/S63	INT	INT	08/04/22	10:00 AM	4X17	CAP	GS	1	08/09/22	SS	BM	P	
08/02/22	D77	S43/S63	N - S	FS	08/04/22	10:40 AM	4X8	CAP	GS	1	08/09/22	SS	BM	P	
08/02/22	D78	S43/S63/S64	INT	INT	08/05/22	12:00 PM	5X10	CAP	GS	1	08/09/22	SS	BM	P	
08/03/22	D79	S67/S68	8' E of WEOS	DF-16	08/09/22	11:41 AM	2X5	DF-16	GS	1	08/17/22	AG	BM	P	Destruct
08/03/22	D80	S68/S72/S73	INT	INT	08/09/22	1:55 PM	2X2	P	GS	1	08/17/22	AG	BM	P	
08/03/22	D81	S68/S69/S72	INT	INT	08/09/22	2:13 PM	3X10	P	GS	1	08/17/22	AG	BM	P	
08/03/22	D82	S69/S71/S72	INT	INT	08/09/22	2:30 PM	4X5	P	GS	1	08/17/22	AG	BM	P	
08/03/22	D83	S69/S71	19' W of EEOS	BO	08/09/22	2:41 PM	2X3	P	GS	1	08/17/22	AG	BM	P	
08/03/22	D84	S69/S70/S71	INT	INT	08/08/22	10:31 AM	2X2	P	GS	1	08/17/22	AG	BM	P	
08/03/22	D85	S73/S74	135' S of NEOS	DF-17	08/09/22	2:36 PM	2x5	DF-17	JLO	30	08/15/22	AG	BM	P	Destruct
08/03/22	D86	S74/S75	40' N of SEOS	DF-18	08/09/22	2:41 PM	2x5	DF-18	JLO	30	08/15/22	AG	BM	P	Destruct
08/03/22	D87	S76/S77	87' S of NEOS	IO	08/09/22	3:07 PM	2x40	CAP	JLO	1	08/15/22	AG	BM	P	
08/03/22	D88	S76/S77	140' S of NEOS	IO	08/09/22	2:54 PM	2x4	P	JLO	1	08/15/22	AG	BM	P	
08/03/22	D89	S64/S65	32' W of EEOS	PT	08/09/22	7:29 AM	2x2	P	GS	1	08/17/22	AG	BM	P	
08/03/22	D90	S64/S65	52' W of EEOS	PT	08/09/22	7:45 AM	2x7	P	GS	1	08/17/22	AG	BM	P	
08/03/22	D91	S76/S77	22' S of NEOS	PT	08/09/22	2:56 PM	2x8	P	GS	1	08/15/22	AG	BM	P	
08/04/22	D92	S78/S79	264' W of EEOS	DF-19	08/08/22	10:21 AM	2x5	DF-19	JLO	30	08/09/22	SS	BM	P	Destruct
08/04/22	D93	S79/S81	172' W of EEOS	DF-20	08/09/22	2:19 PM	2x5	DF-20	JLO	30	08/09/22	SS	BM	P	Destruct
08/04/22	D94	S85/S86	110' W of EEOS	DF-21	08/09/22	9:30 AM	2x10	DF-21	JLO	30	08/09/22	SS	BM	P	Destruct
08/04/22	D95	S83/S85	178' W of EEOS	BO	08/09/22	10:14 AM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D96	S81/S82	237' W of EEOS	W	08/09/22	2:09 PM	2x5	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D97	S80/S81/S82	INT	INT	08/08/22	1:52 PM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D98	S86/S87	220' W of EEOS	W	08/09/22	10:05 AM	2x6	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D99	S27/S28/S87	INT	INT	08/09/22	9:30 AM	2x4	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D100	S26/S27/S87	INT	INT	08/09/22	9:07 AM	3x4	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D101	S26/S86/S87	INT	INT	08/09/22	8:57 AM	3x6	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D102	S1/S26/S86	INT	INT	08/09/22	8:42 AM	5x5	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D103	S1/S2/S86	INT	INT	08/09/22	8:20 AM	2x4	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D104	S2/S84/S86	INT	INT	08/09/22	8:12 AM	2x4	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D105	S2/S3/S84	INT	INT	08/09/22	7:42 AM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D106	S84/S85/S86	INT	INT	08/09/22	7:30 AM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D107	S3/S4/S83/S84/S85	INT	INT	08/09/22	7:20 AM	3x7	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D108	S4/S5/S83	INT	INT	08/09/22	7:02 AM	3x7	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D109	S5/S6/S82/S83	INT	INT	08/08/22	2:34 PM	4x5	P	JLO	30	08/09/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/04/22	D110	S6/S7/82	INT	INT	08/08/22	2:20 PM	3x9	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D111	S7/S8/S80/S82	INT	INT	08/08/22	2:05 PM	5x7	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D112	S8/S9/S80	INT	INT	08/08/22	1:49 PM	2x4	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D113	S9/S10/S79/S80/S81	INT	INT	08/08/22	1:41 PM	4x5	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D114	S10/S11/S79	INT	INT	08/08/22	1:30 PM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D115	S11/S78/S79	INT	INT	08/08/22	1:23 PM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D116	S11/S12/S78	INT	INT	08/08/22	1:17 PM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D117	S12/S13/S78	INT	INT	08/08/22	1:10 PM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D118	S13/S16/S78	INT	INT	08/08/22	1:04 PM	2x	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D119	S16/S18/S78	INT	INT	08/08/22	12:59 PM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D120	S18/S29/S78	INT	INT	08/08/22	11:52 AM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D121	S29/S30/S78	INT	INT	08/08/22	11:48 AM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D122	S30/S31/S78	INT	INT	08/08/22	11:41 AM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D123	S31/S32/S78	INT	INT	08/08/22	11:36 AM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D124	S32/S33/S78	INT	INT	08/08/22	11:30 AM	2x7	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D125	S33/S34/S78	INT	INT	08/08/22	12:00 AM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D126	S34/S35/S78	INT	INT	08/08/22	11:14 AM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D127	S35/S78	8' W of EEOS	BO	08/08/22	11:10 AM	3x5	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D128	S35/S36/S78	INT	INT	08/08/22	11:02 AM	2x7	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D129	S36/S37/S78	INT	INT	08/08/22	10:32 AM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D130	S37/S38/S78	INT	INT	08/08/22	10:46 AM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D131	S38/S39/S78	INT	INT	08/08/22	10:39 AM	2x7	P	JLO	30	08/08/22	SS	BM	P	
08/04/22	D132	S39/S40/S78	INT	INT	08/05/22	11:41 AM	2x5	P	JLO	30	08/08/22	SS	BM	P	
08/04/22	D133	S82/S83	277' W of EEOS	W	08/09/22	1:36 PM	2x4	P	JLO	30	08/09/22	SS	BM	P	
08/04/22	D134	S83/S85	306' W of EEOS	DF-22	08/09/22	1:02 PM	2x5	P	JLO	30	08/09/22	SS	BM	P	Destruct
08/04/22	D135	S86/S87	152' W of EEOS	DF-23	08/09/22	9:44 AM	2x5	P	JLO	30	08/09/22	SS	BM	P	Destruct
08/04/22	D136	S40/S41/S78/S88	INT	INT	08/05/22	11:33 AM	4x9	CAP	JLO	30	08/08/22	SS	BM	P	
08/04/22	D137	S41/S42/S88	INT	INT	08/05/22	12:38 PM	2x2	P	GS	1	08/08/22	SS	BM	P	
08/04/22	D138	S42/S43/S64/S88	E-W	IO	08/05/22	11:38 AM	2x19	CAP	GS	1	08/08/22	SS	BM	P	
08/04/22	D139	S64/S65/S88/S89	INT	INT	08/08/22	8:53 AM	3x8	CAP	GS	1	08/09/22	SS	BM	P	
08/04/22	D140	S78/S88/S89	INT	INT	08/05/22	11:51 AM	3x4	P	JLO	30	08/08/22	SS	BM	P	
08/05/22	D141	S78/79/89	INT	INT	08/08/22	8:29 AM	3x4	P	JLO	30	08/08/22	SS	BM	P	
08/05/22	D142	S79/81/89	INT	INT	08/08/22	8:20 AM	2x5	P	JLO	30	08/08/22	SS	BM	P	
08/05/22	D143	S81/89/90	INT	INT	08/05/22	12:50 PM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/05/22	D144	S65/66/89/90	INT	INT	08/08/22	9:03 AM	2x2	P	GS	1	08/09/22	SS	BM	P	
08/05/22	D145	S88/89	17' W of EEOS	DF-24	08/05/22	12:42 PM	2x5	P	JLO	30	08/08/22	SS	BM	P	
08/05/22	D146	S81/82/91	INT	INT	08/08/22	10:03 AM	3x7	P	JLO	30	08/09/22	SS	BM	P	
08/05/22	D147	S81/90/91	INT	INT	08/08/22	8:47 AM	2x2	P	JLO	30	08/08/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/05/22	D148	S90/91/92	INT	INT	08/08/22	9:11 AM	3x3	P	JLO	30	08/08/22	SS	BM	P	
08/05/22	D149	S66/67/90/92	INT	INT	08/08/22	9:24 AM	3x10	CAP	GS	1	08/09/22	SS	BM	P	
08/05/22	D150	S89/90	31' W OF EEOS	DF-25	08/08/22	8:41 AM	2x5	P	JLO	30	08/08/22	SS	BM	P	
08/05/22	D151	S67/68/92/93	INT	INT	08/08/22	9:36 AM	2x4	P	GS	1	08/08/22	SS	BM	P	
08/05/22	D152	S91/92/93	INT	INT	08/08/22	9:03 AM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/05/22	D153	S82/91/93	INT	INT	08/08/22	9:41 AM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/05/22	D154	S83/84/93	INT	INT	08/08/22	8:57 AM	2x5	P	JLO	30	08/09/22	SS	BM	P	
08/05/22	D155	S83/85/93/94	INT	INT	08/09/22	1:21 PM	4x9	CAP	JLO	30	08/09/22	SS	BM	P	
08/05/22	D156	S93/94/95	INT	INT	08/08/22	8:57 AM	2x3	P	JLO	30	08/08/22	SS	BM	P	
08/05/22	D157	S93/95/101	INT	INT	08/08/22	9:56 AM	4x4	P	GS	1	08/09/22	SS	BM	P	
08/05/22	D158	S68/69/93/101	INT	INT	08/08/22	9:46 AM	4x4	P	GS	1	08/09/22	SS	BM	P	
08/05/22	D159	S69/70/97/101	INT	INT	08/08/22	10:25 AM	2x3	P	GS	1	08/09/22	SS	BM	P	
08/05/22	D160	S85/96	30' W OF EEOS	DF-26	08/09/22	11:18 AM	2x5	P	JLO	30	08/09/22	SS	BM	P	
08/08/22	D161	S91/93	95' W OF EEOS	DF-27	08/08/22	9:18 AM	2x5	P	JLO	30	08/08/22	SS	BM	P	
08/08/22	D162	S95/97/101	INT	INT	08/08/22	10:07 AM	4x4	P	GS	1	08/09/22	SS	BM	P	
08/08/22	D163	S94/95/97	INT	INT	08/08/22	9:25 AM	2x4	P	JLO	30	08/08/22	SS	BM	P	
08/08/22	D164	S85/94/97	INT	INT	08/09/22	12:56 PM	3x3	P	JLO	30	08/09/22	SS	BM	P	
08/08/22	D165	S85/96/97	INT	INT	08/09/22	12:49 PM	2x2	P	JLO	30	08/09/22	SS	BM	P	
08/08/22	D166	S85/86/96	INT	INT	08/09/22	11:07 AM	2x10	P	JLO	30	08/09/22	SS	BM	P	
08/08/22	D167	S86/87/96	INT	INT	08/09/22	-	-	-	-	-	-	-	-	-	Covered by D169
08/08/22	D168	S87/96/98	INT	INT	08/09/22	-	-	-	-	-	-	-	-	-	Covered by D169
08/08/22	D169	S87/96	W - E	FS	08/09/22	10:52 AM	2x18	CAP	JLO	30	08/09/22	SS	BM	P	Covers D167/168
08/08/22	D170	S97/98/99	INT	INT	08/08/22	9:33 AM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/08/22	D171	S70/71/97	INT	INT	08/08/22	10:49 AM	3x4	P	GS	1	08/09/22	SS	BM	P	
08/08/22	D172	S71/97/100	INT	INT	08/08/22	10:53 AM	4x5	P	GS	1	08/09/22	SS	BM	P	
08/08/22	D173	S71/72/100	INT	INT	08/08/22	10:57 AM	4x4	P	GS	1	08/09/22	SS	BM	P	
08/08/22	D174	S97/99/100	INT	INT	08/08/22	11:09 AM	2x4	P	GS	1	08/08/22	SS	BM	P	
08/08/22	D175	S81/82	210' W OF EEOS	PT	08/09/22	1:59 PM	2x4	P	JLO	30	08/09/22	SS	BM	P	
08/08/22	D176	S42	28' N OF SEOS	DO	08/04/22	9:07 AM	2x2	P	GS	1	08/09/22	SS	BM	P	
08/08/22	D177	S59/60	3' W OF EEOS	PT	08/04/22	1:53 PM	2x2	P	GS	1	08/09/22	SS	BM	P	
08/08/22	D178	S84/85	7' W OF EEOS	DO	08/09/22	8:01 AM	2x4	P	JLO	30	08/09/22	SS	BM	P	
08/08/22	D179	CAPD67/S54	6' W OF EEOS	DX-2	08/09/22	10:46 AM	2x5	P	GS	1	08/09/22	SS	BM	P	
08/08/22	D180	CAPD169/S87	5' E OF WEOS	DX-3	08/09/22	11:44 AM	2x5	P	JLO	30	08/09/22	SS	BM	P	
08/09/22	D181	S96/97/98	INT	INT	08/09/22	11:32 AM	2x3	P	JLO	30	08/09/22	SS	BM	P	
08/10/22	D182	S77/102	AT	WR	08/15/22	8:21 AM	3x6	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D183	S77/102	99' N OF SEOS	DF-28	08/15/22	7:38 AM	2x5	DF-28	JLO	30	08/17/22	SS	BM	P	Destruct
08/10/22	D184	S103/104/105	INT	INT	08/15/22	8:18 AM	3x7	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D185	S103/104	21' N OF SEOS	W	08/14/22	9:45 AM	6x6	P	GS	1	08/17/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/10/22	D186	S103/104	100' N OF SEOS	W	08/15/22	10:20 AM	2x2	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D187	S105/106	26' N OF SEOS	W	08/14/22	11:01 AM	3x15	P	GS	1	08/17/22	SS	BM	P	
08/10/22	D188	S106/108/109	INT	INT	08/14/22	11:32 AM	3x4	P	GS	1	08/17/22	SS	BM	P	
08/10/22	D189	S106/107/108	INT	INT	08/15/22	10:01 AM	3x3	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D190	S106/108	18' S OF NEOS	DF-29	08/15/22	10:28 AM	2x5	DF-29	JLO	30	08/17/22	SS	BM	P	Destruct
08/10/22	D191	S108/109	100' N OF SEOS	DF-30	08/15/22	8:15 AM	2x5	DF-30	JLO	30	08/17/22	SS	BM	P	Destruct
08/10/22	D192	S107/108	AT	WR	08/15/22	8:48 AM	3x6	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D193	S109/112/113	INT	INT	08/15/22	1:52 PM	4x4	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D194	S109/111/112	INT	INT	08/15/22	10:43 AM	2x6	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D195	S109/110/111	INT	INT	08/15/22	9:51 AM	2x2	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D196	S109/110	AT	WR	08/15/22	9:03 AM	2x3	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D197	S111/112	AT	WR	08/15/22	9:15 AM	2x3	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D198	S112/113	AT	WR	08/15/22	9:22 AM	2x2	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D199	S113/114	AT	WR	08/15/22	9:40 AM	3x4	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D200	S113/114	158' S OF NEOS	DF-31	08/14/22	11:42 AM	2x5	DF-31	GS	1	08/17/22	SS	BM	P	
08/10/22	D201	S109/113	12' S OF NEOS	W	08/14/22	1:17 PM	5x5	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D202	S114/115/116	INT	INT	08/15/22	10:56 AM	2x2	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D203	S116/117/118	INT	INT	08/15/22	11:09 AM	3x5	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D204	S114/116/118	INT	INT	08/14/22	1:50 PM	7x7	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D205	S119/121/122	INT	INT	08/15/22	1:28 PM	4x5	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D206	S119/120/121	INT	INT	08/15/22	11:21 AM	3x3	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D207	S119/120	AT	IO	08/15/22	11:43 AM	4x6	P	JLO	30	08/17/22	SS	BM	P	
08/10/22	D208	S118/119	4' E OF WEOS	DF-32	08/15/22	11:48 AM	2x5	DF-32	JLO	30	08/17/22	SS	BM	P	Destruct
08/10/22	D209	S121/122	95" W OF EEOS	DF-33	08/15/22	11:54 AM	2x5	DF-33	GS	1	08/17/22	SS	BM	P	Destruct
08/11/22	D210	S28/123	26' S OF NEOS	BO	08/15/22	11:50 AM	2x3	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D211	S28/123	AT	WR	08/15/22	10:33 AM	2x4	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D212	S126/127	60' S OF NEOS	DF-34	08/15/22	11:57 AM	2x5	DF-34	WL	47	08/17/22	SS	BM	P	Destruct
08/11/22	D213	S127/128/129	INT	INT	08/15/22	-	-	P	-	-	-	-	-	-	Covered by D245
08/11/22	D214	S128/128	50' S OF NEOS	DF-35	08/15/22	11:41 AM	2x5	DF-35	WL	47	08/17/22	SS	BM	P	Destruct
08/11/22	D215	S130/131/132	INT	INT	08/15/22	1:10 PM	3x3	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D216	S128/129/130	INT	INT	08/15/22	11:59 AM	4x6	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D217	S87/133	3' W OF EEOS	DF-36	08/15/22	11:30 AM	3x5	DF-36	WL	47	08/17/22	SS	BM	P	Destruct
08/11/22	D218	S133/134	236' W OF EEOS	DF-37	08/15/22	6:32 AM	2x4	DF-37	WL	47	08/17/22	SS	BM	P	Destruct
08/11/22	D219	S135/136	157' W OF EEOS	DF-38	08/15/22	7:30 AM	2x5	DF-38	WL	47	08/17/22	SS	BM	P	Destruct
08/11/22	D220	S125/126	100' N OF SEOS	W	08/15/22	10:15 AM	2x3	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D221	S137/144	5' E OF WEOS	DF-39	08/15/22	8:20 AM	3x12	DF-39	WL	47	08/17/22	SS	BM	P	Destruct, covered by D236
08/11/22	D222	S139/140/141	INT	INT	08/15/22	3:30 PM	3x3	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D223	S28/87/133	INT	INT	08/15/22	11:15 AM	3x10	CAP	WL	47	08/17/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/11/22	D224	S28/123/133	INT	INT	08/15/22	10:55 AM	2x2	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D225	S123/133/134	INT	INT	08/15/22	10:50 AM	2x2	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D226	S123/124/134	INT	INT	08/15/22	10:45 AM	2x3	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D227	S124/125/134/135	INT	INT	08/15/22	10:40 AM	2x6	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D228	S125/126/135	INT	INT	08/15/22	10:10 AM	3x4	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D229	S126/127/135/136	INT	INT	08/15/22	10:00 AM	2x10	CAP	WL	47	08/17/22	SS	BM	P	
08/11/22	D230	S127/129/136	INT	INT	08/15/22	10:50 AM	2x5	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D231	S129/130/132/136/137	INT	INT	08/15/22	9:15 AM	4x14	CAP	WL	47	08/17/22	SS	BM	P	
08/11/22	D232	S132/S137/S138	INT	INT	08/15/22	9:10 AM	4x5	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D233	S137/138/139	INT	INT	08/15/22	9:00 AM	4x5	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D234	S137/141/142	INT	INT	08/15/22	8:25 AM	2x3	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D235	S137/142/143	INT	INT	08/15/22	8:12 AM	2x2	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D236	S137/143/144	INT	INT	08/15/22	-	-	P	WL	47	-	-	-	-	Covered by D221
08/11/22	D237	S136/137/144	INT	INT	08/15/22	7:40 AM	2x12	CAP	WL	47	08/17/22	SS	BM	P	
08/11/22	D238	S136/144/145	INT	INT	08/15/22	7:25 AM	2x4	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D239	S136/145/146	INT	INT	08/15/22	7:20 AM	2x4	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D240	S136/146/147	INT	INT	08/15/22	7:15 AM	3x4	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D241	S135/136/146/147	INT	INT	08/15/22	7:05 AM	2x11	CAP	WL	47	08/17/22	SS	BM	P	
08/11/22	D242	S135/147/148	INT	INT	08/15/22	6:55 AM	2x2	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D243	S135/148/149	INT	INT	08/15/22	6:50 AM	2x2	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D244	S135/149/150	INT	INT	08/15/22	6:45 AM	2x2	P	WL	47	08/17/22	SS	BM	P	
08/11/22	D245	S127/129	S-N	FS	08/15/22	10:45 AM	2x15	CAP	WL	47	08/17/22	SS	BM	P	Covered by D213
08/11/22	D246	S137/143	12' S OF NEOS	DF-40	08/15/22	8:00 AM	2x5	DF-40	WL	47	08/17/22	SS	BM	P	Destruct
08/11/22	D247	S82/93	8' N OF SEOS	DF-41	08/15/22	3:15 PM	2x5	DF-41	JLO	30	08/17/22	SS	BM	P	Destruct
08/11/22	D248	S69/70	5' N OF SEOS	DF-42	08/14/22	7:56 AM	2x5	DF-42	JLO	30	08/17/22	SS	BM	P	Destruct
08/11/22	D249	S121/122	5' E OF WEOS	DO	08/15/22	11:43 AM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/12/22	D250	S122/151	AT	BO	08/15/22	11:31 AM	2x4	P	GS	1	08/17/22	SS	BM	P	
08/12/22	D251	S151/152/153	INT	INT	08/15/22	11:43 AM	3x5	P	GS	1	08/17/22	SS	BM	P	
08/12/22	D252	S153/154/155	INT	INT	08/15/22	8:17 AM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/12/22	D253	S155/156	70' S OF NEOS	DF-43	08/15/22	10:36 AM	2x5	DF-43	GS	1	08/17/22	SS	BM	P	Destruct
08/12/22	D254	S156/157	80' N OF SEOS	DF-44	08/15/22	10:28 AM	2x5	DF-44	GS	1	08/17/22	SS	BM	P	Destruct
08/12/22	D255	S153/155/156	INT	INT	08/15/22	2:19 PM	2x3	P	JLO	30	08/17/22	SS	BM	P	
08/12/22	D256	S157/158/159	INT	INT	08/15/22	2:46 PM	3x9	P	JLO	30	08/17/22	SS	BM	P	
08/12/22	D257	S155/156	AT	IO	08/15/22	10:10 AM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/12/22	D258	S160/161	40' N OF SEOS	DF-45	08/15/22	9:43 AM	2x5	DF-45	GS	1	08/17/22	SS	BM	P	Destruct
08/12/22	D259	S163/164	3' N OF SEOS	DF-46	08/15/22	9:20 AM	2x5	DF-46	GS	1	08/17/22	SS	BM	P	
08/12/22	D260	S162/163	AT	BO	08/15/22	9:29 AM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D261	S122/151	50' W OF EEOS	PT	08/15/22	1:36 PM	2x2	P	JLO	30	08/17/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/13/22	D262	S162/163	20' S OF NEOS	FS	08/14/22	3:10 PM	2x28	CAP	GS	1	08/17/22	SS	BM	P	
08/13/22	D263	S164/165	12' S OF NEOS	W	08/14/22	3:00 PM	3x8	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D264	S167/168	30' N OF SEOS	DF-47	08/15/22	8:00 AM	2x5	DF-47	GS	1	08/17/22	SS	BM	P	Destruct
08/13/22	D265	S171/172	27' S OF NEOS	DF-48	08/15/22	7:26 AM	2x5	DF-48	GS	1	08/17/22	SS	BM	P	Destruct
08/13/22	D266	S168/171/172	INT	INT	08/15/22	8:15 AM	3x3	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D267	S168/169/171	INT	INT	08/15/22	7:51 AM	4x4	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D268	S169/170/171	INT	INT	08/15/22	7:06 AM	3x5	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D269	S174/176	55' W OF EEOS	DF-49	08/17/22	11:41 AM	2x5	DF-49	GS	1	08/17/22	SS	BM	P	Destruct
08/13/22	D270	S174/175/176	INT	INT	08/14/22	1:15 PM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D271	S173/174/175	INT	INT	08/14/22	1:34 PM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D272	S174	11' N OF SEOS	DO	08/14/22	1:27 PM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D273	S175/176/177	INT	INT	08/14/22	1:01 PM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D274	S177/176/179	INT	INT	08/24/22	10:10 AM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/13/22	D275	S177/178/179	INT	INT	08/24/22	10:15 AM	2x3	P	WL	47	08/24/22	SS	BM	P	
08/13/22	D276	S173/185	3' E OF WEOS	DF-50	08/14/22	3:41 PM	2x5	DF-50	JLO	30	08/17/22	SS	BM	P	Destruct
08/13/22	D277	S177/178	220' W OF EEOS	DF-51	08/15/22	7:26 AM	2x5	DF-51	JLO	30	08/17/22	SS	BM	P	Destruct
08/13/22	D278	S181/182	30' W OF EEOS	DF-52	08/15/22	7:09 AM	2x5	DF-52	JLO	30	08/17/22	SS	BM	P	Destruct
08/13/22	D279	S173/185	50' E OF WEOS	W	09/08/22	10:30 AM	2x3	P	WL	47	08/17/22	SS	BM	P	Under Water
08/13/22	D280	S173/174/185	INT	INT	08/14/22	8:00 AM	2x4	P	JLO	30	08/15/22	SS	BM	P	
08/13/22	D281	S186/187	77' E OF WEOS	DF-53	08/24/22	-	-	DF-53	WL	47	-	-	-	-	Destruct, covered by D444
08/13/22	D282	S180/181/184	INT	INT	08/14/22	8:00 AM	2x10	P	JLO	30	08/15/22	SS	BM	P	
08/13/22	D283	S99/100/184	INT	INT	08/14/22	7:04 AM	2x2	P	JLO	30	08/15/22	SS	BM	P	
08/13/22	D284	S100/183/184	INT	INT	08/14/22	7:00 AM	2x4	P	GS	1	08/15/22	SS	BM	P	
08/13/22	D285	S181/182/183/184	INT	INT	08/14/22	7:34 AM	2x7	P	JLO	30	08/15/22	SS	BM	P	
08/13/22	D286	S72/73/100/182/183	INT	INT	08/14/22	8:24 AM	5x13	CAP	JLO	30	08/15/22	SS	BM	P	
08/13/22	D287	S73/74/82	INT	INT	08/14/22	8:43 AM	3x7	P	JLO	30	08/15/22	SS	BM	P	
08/13/22	D288	S74/75/181/182	INT	INT	08/14/22	8:54 AM	3x8	P	JLO	30	08/15/22	SS	BM	P	
08/13/22	D289	S75/76/181	INT	INT	08/14/22	9:06 AM	3x8	P	JLO	30	08/15/22	SS	BM	P	
08/13/22	D290	S76/77/181	INT	INT	08/14/22	9:03 AM	2x2	P	GS	1	08/15/22	SS	BM	P	
08/13/22	D291	S77/102/180/181	INT	INT	08/14/22	9:18 AM	4x6	P	GS	1	08/15/22	SS	BM	P	
08/13/22	D292	S102/103/180	INT	INT	08/14/22	9:17 AM	2x2	P	JLO	30	08/15/22	SS	BM	P	
08/13/22	D293	S103/180	7' W OF EEOS	DO	08/14/22	9:42 AM	2x24	CAP	JLO	30	08/15/22	SS	BM	P	
08/13/22	D294	S103/104/180	INT	INT	08/14/22	9:25 AM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D295	S178/180	13' E OF WEOS	W	08/14/22	10:51 AM	4x18	CAP	JLO	30	08/17/22	SS	BM	P	
08/13/22	D296	S104/105/178/180	INT	INT	08/14/22	10:00 AM	3x9	CAP	JLO	30	08/17/22	SS	BM	P	
08/13/22	D297	S105/178	11' W OF EEOS	W	08/14/22	10:05 AM	4x4	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D298	S105/106/178	INT	INT	08/14/22	10:15 AM	3x4	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D299	S106/178	8' W OF EEOS	DO	08/14/22	11:20 AM	2x24	CAP	JLO	30	08/17/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/13/22	D300	S106/109/178	INT	INT	08/14/22	11:17 AM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D301	S109/177/178	INT	INT	08/14/22	-	-	P	JLO	30	-	-	-	-	Covered by D308
08/13/22	D302	S109/113/177	INT	INT	08/14/22	-	-	P	JLO	30	-	-	-	-	Covered by D308
08/13/22	D303	S114/175/177	INT	INT	08/14/22	1:42 PM	3x4	P	JLO	30	08/17/22	SS	BM	P	
08/13/22	D304	S114/118/119/175	INT	INT	08/14/22	1:46 PM	2x3	P	JLO	30	08/17/22	SS	BM	P	
08/13/22	D305	S119/151/173	INT	INT	08/14/22	3:10 PM	2x2	P	JLO	30	08/17/22	SS	BM	P	
08/13/22	D306	S151/153/156/173	INT	INT	08/14/22	3:30 PM	4x18	CAP	JLO	30	08/17/22	SS	BM	P	
08/13/22	D307	S180/181	73' W OF EOS	BO	08/14/22	8:46 AM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D308	S109/177/178	E-W	FS	08/14/22	11:37 AM	4x25	CAP	JLO	30	08/17/22	SS	BM	P	
08/13/22	D309	S157/185	22' E OF WEOS	DF-54	08/15/22	1:37 PM	2x5	DF-54	GS	1	08/17/22	SS	BM	P	
08/13/22	D310	S156/173/185	INT	INT	08/14/22	3:48 PM	3x4	P	JLO	30	08/17/22	SS	BM	P	
08/13/22	D311	S156/157/185	INT	INT	08/14/22	3:44 PM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D312	S157/159/185	INT	INT	08/14/22	3:37 PM	2x3	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D313	S159/160/185	INT	INT	08/14/22	3:29 PM	2x2	P	GS	1	08/15/22	SS	BM	P	
08/13/22	D314	S160/161/185	INT	INT	08/14/22	3:15 PM	2x2	P	GS	1	08/15/22	SS	BM	P	
08/13/22	D315	S161/162/185	INT	INT	08/14/22	3:10 PM	2x2	P	GS	1	08/15/22	SS	BM	P	
08/13/22	D316	S162/185/186	INT	INT	08/14/22	3:30 PM	3x4	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D317	S162/163/186	INT	INT	08/14/22	3:45 PM	3x5	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D318	S163/164/186	INT	INT	08/14/22	2:50 PM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D319	S164/165/186	INT	INT	08/14/22	2:55 PM	2x3	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D320	S165/166/186	INT	INT	08/14/22	3:18 PM	3x5	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D321	S166/186/187	INT	INT	08/14/22	3:26 PM	3x3	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D322	S166/167/187	INT	INT	08/14/22	3:30 PM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D323	S167/168/187	INT	INT	08/14/22	3:33 PM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D324	S167/169/187	INT	INT	08/14/22	3:38 PM	2x2	P	GS	1	08/17/22	SS	BM	P	
08/13/22	D325	S113/114/177	INT	INT	08/14/22	11:42 AM	2x2	P	JLO	30	08/17/22	SS	BM	P	
08/13/22	D326	S114/118	E-W	FS	08/14/22	2:25 PM	4x18	CAP	JLO	30	08/17/22	SS	BM	P	
08/13/22	D327	S118/119	E-20'W	W	08/14/22	2:50 PM	4x20	CAP	JLO	30	08/17/22	SS	BM	P	
08/13/22	D328	CAP#D326/S114	11' W OF EOS	DX-4	08/15/22	2:08 PM	2x5	DX-4	JLO	30	08/17/22	SS	BM	P	
08/13/22	D329	S1169/173/175	INT	INT	08/14/22	2:57 PM	2x2	P	JLO	30	08/17/22	SS	BM	P	
08/13/22	D330	S119/120/151	INT	INT	08/14/22	3:04 PM	2x2	P	JLO	30	08/17/22	SS	BM	P	
08/13/22	D331	S87/89/133	INT	INT	08/15/22	7:32 AM	2x2	P	WL	47	08/17/22	SS	BM	P	
08/13/22	D332	S123/124	AT	PT	08/15/22	10:38 AM	2x3	P	WL	47	08/17/22	SS	BM	P	
08/13/22	D333	S127/128	AT	PT	08/15/22	9:38 AM	2x2	P	WL	47	08/17/22	SS	BM	P	
08/13/22	D334	S105/106	AT	PT	08/15/22	8:31 AM	2x2	P	JLO	30	08/17/22	SS	BM	P	
08/13/22	D335	S116/117/118	AT	WR	08/15/22	12:58 PM	3x3	P	JLO	30	08/17/22	SS	BM	P	
08/13/22	D336	S164/165	40' S OF EOS	DF-57	08/15/22	3:00 PM	2x5	DF-57	JLO	30	08/17/22	SS	BM	P	
08/13/22	D337	S164/165	128' S OF EOS	PT	08/15/22	8:47 AM	2x2	P	GS	1	08/17/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/13/22	D338	S164/165	141' S OF NEOS	PT	08/15/22	9:05 AM	3x4	CAP	GS	1	08/17/22	SS	BM	P	
08/13/22	D339	S19/25	7' W OF EEOS	DF-55	08/17/22	11:57 AM	2x5	DF-55	GS	1	08/17/22	SS	BM	P	
08/13/22	D340	S84/86	7' W OF EEOS	DF-56	08/17/22	12:05 PM	2x5	DF-56	GS	1	08/17/22	SS	BM	P	
08/18/22	D341	S98/133/188	INT	INT	08/18/22	3:25 PM	3x6	P	JLO	83	08/24/22	SS	BM	P	
08/18/22	D342	S98/99/188	INT	INT	08/24/22	8:50 AM	3x5	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D343	S133/134/188	INT	INT	08/18/22	3:03 PM	3x4	P	JLO	83	08/24/22	SS	BM	P	
08/18/22	D344	S134/188/189	INT	INT	08/18/22	3:34 PM	3x3	P	JLO	83	08/24/22	SS	BM	P	
08/18/22	D345	S134/135/189	INT	INT	08/18/22	3:38 PM	4x6	P	JLO	83	08/24/22	SS	BM	P	
08/18/22	D346	S135/189/190	INT	INT	08/18/22	4:13 PM	2x9	P	JLO	83	08/24/22	SS	BM	P	
08/18/22	D347	S135/150/190/191	INT	INT	08/18/22	4:19 PM	4x9	P	JLO	83	08/24/22	SS	BM	P	
08/18/22	D348	S150/191/192	INT	INT	08/23/22	4:20 PM	2x3	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D349	S189/190	22' W OF EEOS	BO	08/23/22	4:41 PM	2x5	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D350	S188/189	138' W OF EEOS	DF-58	08/24/22	8:45 AM	2x5	DF-58	WL	47	08/24/22	SS	BM	P	
08/18/22	D351	S190/191	83' W OF EEOS	WR	08/24/22	5:00 PM	4x7	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D352	S134/189	3' N OF SEOS	DF-59	08/18/22	3:43 PM	2x5	DF-59	JLO	83	08/24/22	SS	BM	P	
08/18/22	D353	S150/192	11' S OF NEOS	DF-60	08/23/22	2:15 PM	2x5	DF-60	WL	47	08/24/22	SS	BM	P	
08/18/22	D354	S191/194	27' S OF NEOS	DF-61	08/24/22	8:35 AM	2x12	DF-61	WL	47	08/24/22	SS	BM	P	Covers D355
08/18/22	D355	S191/192/194	INT	INT	08/24/22	-	-	P	WL	47	-	-	-	-	Covered by d354
08/18/22	D356	S191/192	5' E OF WEOS	PT	08/24/22	7:05 AM	3x5	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D357	S191/192	17' S OF NEOS	BO	08/24/22	6:58 AM	2x3	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D358	S192	38' S OF NEOS/5'W	DO	08/23/22	4:25 PM	2x3	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D359	S191/192	38' S OF NEOS	WR	08/23/22	4:30 PM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D360	S149/150/192	INT	INT	08/23/22	2:10 PM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D361	S149/192/193	INT	INT	08/23/22	1:52 PM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D362	S192/193/194	INT	INT	08/23/22	1:46 PM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D363	S148/149/193	INT	INT	08/23/22	2:00 PM	2x3	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D364	S147/148/193/217	INT	INT	08/23/22	1:52 PM	3x10	P	GS	1	08/24/22	SS	BM	P	
08/19/22	D365	S200/201	AT	WR	08/23/22	1:46 PM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/18/22	D366	S208	35' W OF EEOS/9' N	DO	08/23/22	4:24 PM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/18/22	D367	S171/172/196	INT	INT	08/18/22	4:35 PM	5x5	P	GS	1	08/24/22	SS	BM	P	
08/18/22	D368	S170/171/196	INT	INT	08/18/22	4:42 PM	3x4	P	GS	1	08/24/22	SS	BM	P	
08/18/22	D369	S196/170	18' S OF NEOS	W	08/24/22	1:05 PM	4x6	P	WL	47	08/24/22	SS	BM	P	
08/18/22	D370	S169/170/196	INT	INT	08/18/22	5:05 PM	3x3	P	GS	1	08/24/22	SS	BM	P	
08/18/22	D371	S191	45' W OF EEOS	DO	08/18/22	4:49 PM	3x4	P	JLO	30	08/24/22	SS	BM	P	
08/19/22	D372	S172/197	AT	WR	08/23/22	2:27 PM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/19/22	D373	S202/203/204	INT	INT	08/23/22	1:36 PM	3x4	P	JLO	30	08/24/22	SS	BM	P	
08/19/22	D374	S203/204	AT	WR	08/23/22	1:46 PM	4x6	P	JLO	30	08/24/22	SS	BM	P	
08/19/22	D375	S204/205/208	INT	INT	08/23/22	11:48 AM	3x4	P	JLO	30	08/24/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/19/22	D376	S204/205	24' W OF EEOS	DF-62	08/23/22	11:30 AM	2x5	DF-62	JLO	30	08/24/22	SS	BM	P	Destruct
08/19/22	D377	S205/208/209	INT	INT	08/23/22	1:27 PM	2x3	P	JLO	30	08/24/22	SS	BM	P	
08/19/22	D378	S205/206	49' N OF SEOS	DF-63	08/23/22	11:33 AM	2x5	DF-63	JLO	30	08/24/22	SS	BM	P	Destruct
08/19/22	D379	S199/200/215	INT	INT	08/23/22	2:05 PM	4x6	P	JLO	30	08/24/22	SS	BM	P	
08/19/22	D380	S199/215/216	INT	INT	08/23/22	1:37 PM	2x11	P	WL	47	08/24/22	SS	BM	P	
08/19/22	D381	S217/218/219	INT	INT	08/23/22	11:06 AM	2x3	P	GS	1	08/24/22	SS	BM	P	
08/19/22	D382	S218/219/220	INT	INT	08/23/22	11:08 AM	2x3	P	WL	47	08/24/22	SS	BM	P	
08/19/22	D383	S219/221/222	INT	INT	08/23/22	10:55 AM	2x3	P	WL	47	08/24/22	SS	BM	P	
08/19/22	D384	S219/220/222	INT	INT	08/23/22	11:00 AM	2x3	P	WL	47	08/24/22	SS	BM	P	
08/19/22	D385	S219/221/222	8' S OF NEOS	DF-64	08/23/22	10:59 AM	2x5	DF-64	GS	1	08/24/22	SS	BM	P	Destruct
08/19/22	D386	S221/222/223	INT	INT	08/23/22	10:50 AM	2x3	P	WL	47	08/24/22	SS	BM	P	
08/19/22	D387	S222/223	17' N OF SEOS	DF-65	08/23/22	1:50 PM	2x5	DF-65	JLO	30	08/24/22	SS	BM	P	Destruct
08/19/22	D388	S172/197/223	INT	INT	08/23/22	2:00 PM	7x23	CAP	GS	1	08/24/22	SS	BM	P	
08/19/22	D389	S197/198/223	INT	INT	08/23/22	11:50 AM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/19/22	D390	S198/199/223	INT	INT	08/23/22	11:35 AM	2x3	P	WL	47	08/24/22	SS	BM	P	
08/19/22	D391	S199/216/223	INT	INT	08/23/22	11:30 AM	2x4	P	WL	47	08/24/22	SS	BM	P	
08/19/22	D392	S215/216/223	INT	INT	08/23/22	11:25 AM	4x4	P	WL	47	08/24/22	SS	BM	P	
08/19/22	D393	S200/215/223	INT	INT	08/23/22	11:09 AM	3x5	P	JLO	30	08/24/22	SS	BM	P	
08/19/22	D394	S200/201/223/224	INT	INT	08/23/22	11:00 AM	4x6	P	JLO	30	08/24/22	SS	BM	P	
08/19/22	D395	S200/201/224	INT	INT	08/23/22	10:31 AM	4x4	P	JLO	30	08/24/22	SS	BM	P	
08/20/22	D396	S206/207	18' S OF NEOS	BO	08/23/22	11:24 AM	2x3	P	JLO	30	08/24/22	SS	BM	P	
08/20/22	D397	S214/232	AT	WR	08/22/22	10:15 AM	3x4	P	JLO	30	08/24/22	SS	BM	P	
08/20/22	D398	S198/199/223	18' W OF EEOS	PT	08/23/22	11:40 AM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/22/22	D399	S232/233	26' N OF EEOS	WR	08/22/22	9:04 AM	3x3	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D400	S207/230	W - 12' E OF WEOS	IO	08/22/22	-	-	P	JLO	30	08/24/22	SS	BM	P	Covered by D417
08/22/22	D401	S206/224/230	W - E	FS	08/22/22	-	-	P	JLO	30	08/24/22	SS	BM	P	Covered by D417
08/22/22	D402	S214/232	28' N OF SEOS	DF-66	08/22/22	10:01 AM	2x5	DF-66	JLO	30	08/24/22	SS	BM	P	Destruct
08/22/22	D403	S222/223/229/230	INT	CAP	08/22/22	11:19 AM	3x8	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D404	S218/220/226/228	INT	CAP	08/22/22	11:05 AM	3x3	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D405	S229/230	45' E OF WEOS	DF-67	08/22/22	10:33 AM	2x5	DF67	JLO	30	08/24/22	SS	BM	P	Destruct
08/22/22	D406	S204/205/206/224/225	INT	CAP	08/23/22	9:35 AM	4x12	CAP	JLO	30	08/24/22	SS	BM	P	
08/22/22	D407	S201/225	S - N	FS	08/23/22	10:15 AM	4x11	CAP	JLO	30	08/24/22	SS	BM	P	
08/22/22	D408	S143/218	12' N OF SEOS	DX-5	08/22/22	11:45 AM	2x5	DX-5	GS	1	08/24/22	SS	BM	P	Destruct
08/22/22	D409	S193/194/217	INT	INT	08/23/22	10:33 AM	2x3	P	GS	1	08/24/22	SS	BM	P	
08/22/22	D410	S194/217/219	INT	INT	08/23/22	10:37 AM	2x2	P	GS	1	08/24/22	SS	BM	P	
08/22/22	D411	S194/195/219	INT	INT	08/23/22	10:47 AM	2x2	P	GS	1	08/24/22	SS	BM	P	
08/22/22	D412	S195/219/221	INT	INT	08/23/22	10:50 AM	2x2	P	GS	1	08/24/22	SS	BM	P	
08/22/22	D413	S195/196/221	INT	INT	08/23/22	11:14 AM	2x2	P	GS	1	08/24/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/22/22	D414	S196/221/223	INT	INT	08/23/22	11:24 AM	2x2	P	GS	1	08/24/22	SS	BM	P	
08/22/22	D415	S172/196/223	INT	INT	08/23/22	11:32 AM	3x3	P	GS	1	08/24/22	SS	BM	P	
08/22/22	D416	S202/204/225	INT	INT	08/23/22	9:58 AM	4x5	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D417	S206/207/224/230	INT	INT	08/22/22	11:52 AM	5x21	CAP	JLO	30	08/24/22	SS	BM	P	Covers D400/401
08/22/22	D418	S207/210/230	INT	INT	08/22/22	10:57 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D419	S210/211/230	INT	INT	08/22/22	10:51 AM	2x	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D420	S211/212/230	INT	INT	08/22/22	10:14 AM	2x2	P	GS	1	08/24/22	SS	BM	P	
08/22/22	D421	S212/213/230	INT	INT	08/22/22	10:00 AM	2x2	P	GS	1	08/24/22	SS	BM	P	
08/22/22	D422	S213/214/231	INT	INT	08/22/22	9:43 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D423	S214/231/232	INT	INT	08/22/22	9:16 AM	2x3	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D424	S231/232/233	INT	INT	08/22/22	8:54 AM	2x6	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D425	S229/230/231	INT	INT	08/22/22	9:50 AM	2x5	P	GS	1	08/24/22	SS	BM	P	
08/22/22	D426	S223/224/230	INT	INT	08/22/22	11:25 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D427	S220/222/228/229	INT	INT	08/23/22	8:07 AM	2x5	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D428	S218/226/235	INT	INT	08/24/22	-	-	-	JLO	30	-	-	-	-	Covered by D435
08/22/22	D429	S226	9' S OF NEOS/9' N	DO	08/23/22	9:23 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D430	S230	42' E OF WEOS/10' S	DO	08/22/22	10:44 AM	3x3	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D431	S207/D417	4' E OF WEOS	DX-6	08/22/22	11:17 AM	2x5	P	JLO	30	08/24/22	SS	BM	P	Destruct
08/22/22	D432	S213/230/231	INT	INT	08/22/22	9:49 AM	2x2	P	GS	1	08/24/22	SS	BM	P	
08/22/22	D433	S232/233	AT	WR	08/22/22	9:31 AM	4x5	P	JLO	30	08/24/22	SS	BM	P	
08/22/22	D434	S193/217	13' W OF EEOS	DF-68	08/23/22	2:07 PM	2x5	P	WL	47	08/24/22	SS	BM	P	Destruct, Covers D428/457
08/24/22	D435	S139/S235	S - N	FS	08/24/22	10:51 AM	5x10	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D436	S226/227/228	INT	INT	08/24/22	8:24 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D437	S128/130/234	INT	INT	08/24/22	9:37 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D438	S130/227/234	INT	INT	08/24/22	9:48 AM	3x5	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D439	S130/131/227	INT	INT	08/24/22	10:00 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D440	S131/132/226/227	INT	INT	08/24/22	10:09 AM	2x4	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D441	S132/138/226	INT	INT	08/24/22	10:15 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D442	S180/188	3' N OF SEOS	DF-69	08/24/22	12:37 PM	2x5	P	JLO	30	08/24/22	SS	BM	P	Destruct
08/24/22	D443	S169/187/196	INT	INT	08/24/22	10:50 AM	3x10	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D444	S186/187/196	INT	INT	08/24/22	10:40 AM	4x	P	WL	47	08/24/22	SS	BM	P	Covers DF53/D281
08/24/22	D445	S186/195/196	INT	INT	08/24/22	10:30 AM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D446	S185/186/195	INT	INT	08/24/22	10:25 AM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D447	S174/185/194/195	INT	INT	08/24/22	10:20 AM	3x7	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D448	S174/176/191/194	INT	INT	08/24/22	10:05 AM	3x7	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D449	S176/179/190/191	INT	INT	08/24/22	10:00 AM	2x6	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D450	S178/179/189/190	INT	INT	08/24/22	9:55 AM	2x7	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D451	S178/180/189	INT	INT	08/24/22	9:50 AM	3x4	P	WL	47	08/24/22	SS	BM	P	

Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.1 Record of Construction
Secondary Geomembrane Defect/Repair Summary



Defect Date	Defect Number	Seam/Panel Number	Location	Defect Type	Defect Repair						Repair Vacuum Test				Remarks
					Repair Date	Time	Size	Type	Operator	Machine Number	Test Date	Tech	QA Monitor	P/F	
08/24/22	D452	S180/188/189	INT	INT	08/24/22	9:45 AM	3x4	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D453	S180/184/188	INT	INT	08/24/22	9:42 AM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D454	S178/180	42' E OF WEOS	PT	08/24/22	1:10 PM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D455	S178/180	132' E OF WEOS	CAP	08/24/22	1:36 PM	2x25	CAP	JLO	30	08/24/22	SS	BM	P	
08/24/22	D456	S178/180	163' E OF WEOS	PT	08/24/22	1:45 PM	2x3	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D457	S139/140/235	INT	INT	08/24/22	-	-	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D458	S140/141/218	INT	INT	08/24/22	11:18 AM	2x9	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D459	S141/142/218	INT	INT	08/24/22	11:20 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D460	S142/143/218	INT	INT	08/24/22	11:35 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D461	S143/144/218	INT	INT	08/22/22	11:55 AM	2x2	P	GS	1	08/24/22	SS	BM	P	
08/24/22	D462	S144/145/217/218	INT	INT	08/23/22	9:19 AM	2x3	P	GS	1	08/24/22	SS	BM	P	
08/24/22	D463	S145/217	10' N OF SEOS	IO	08/23/22	9:32 AM	2x8	P	GS	1	08/24/22	SS	BM	P	
08/24/22	D464	S145/146/217	INT	INT	08/23/22	9:42 AM	2x2	P	GS	1	08/24/22	SS	BM	P	
08/24/22	D465	S146/147/217	INT	INT	08/23/22	9:52 AM	2x2	P	GS	1	08/24/22	SS	BM	P	
08/24/22	D466	S196	15' N OF SEOS/4' E	DO	08/24/22	10:45 AM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D467	S16	15' W OF EEOS/7' S	DO	08/24/22	2:16 PM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D468	S15	10' W OF EEOS/3' S	DO	08/24/22	2:00 PM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D469	S10	25' W OF EEOS/8' S	DO	08/24/22	2:20 PM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D470	S138/139/226	INT	INT	08/24/22	10:24 AM	2x2	P	JLO	30	08/24/22	SS	BM	P	
08/24/22	D471	S198	9' E OF WEOS	DO	08/24/22	12:45 PM	2x2	P	WL	47	08/24/22	SS	BM	P	
08/24/22	D472	S209	14' N OF SEOS	DO	08/24/22	12:50 PM	2x2	P	WL	47	08/24/22	SS	BM	P	
09/08/22	D473	S173/175	41' E OF WEOS	W	09/08/22	10:45 AM	6x12	P	WL	47	09/08/22	SS	BM	P	
09/08/22	D474	S173	70' E of WEOS/10' N	DO	09/08/22	11:00 AM	2x4	P	WL	47	09/08/22	SS	BM	P	
09/08/22	D475	S173	90' E of WEOS/3' S	DO	09/08/22	11:05 AM	2x3	P	WL	47	09/08/22	SS	BM	P	
09/08/22	D476	S175	57' E OF WEOS/7' S	DO	09/08/22	11:15 AM	3x3	P	WL	47	09/08/22	SS	BM	P	
09/08/22	D477	S177	86' E OF WEOS/10' S	DO	09/08/22	11:25 AM	2x2	P	WL	47	09/08/22	SS	BM	P	
09/08/22	D478	S177	96' E OF WEOS/9' S	DO	09/08/22	11:30 AM	3x3	P	WL	47	09/08/22	SS	BM	P	
09/08/22	D479	S178	51' E OF WEOS/6' N	DO	09/08/22	11:45 AM	3x4	P	WL	47	09/08/22	SS	BM	P	
09/12/22	D480	S162	5' S OF NEOS/4' E	DO	09/12/22	10:45 AM	2x2	P	WL	47	09/12/22	SS	BM	P	
09/13/22	D481	S62	5' S OF NEOS/2' W	DO	09/13/22	10:40 AM	2x2	P	WL	47	09/13/22	SS	BM	P	
09/13/22	D482	S74	140' S OF NEOS/8' W	DO	09/13/22	11:05 AM	2x2	P	WL	47	09/13/22	SS	BM	P	



APPENDIX I.8 – SECONDARY GEOMEMBRANE ACCEPTANCE FORMS

Geomembrane Acceptance Form



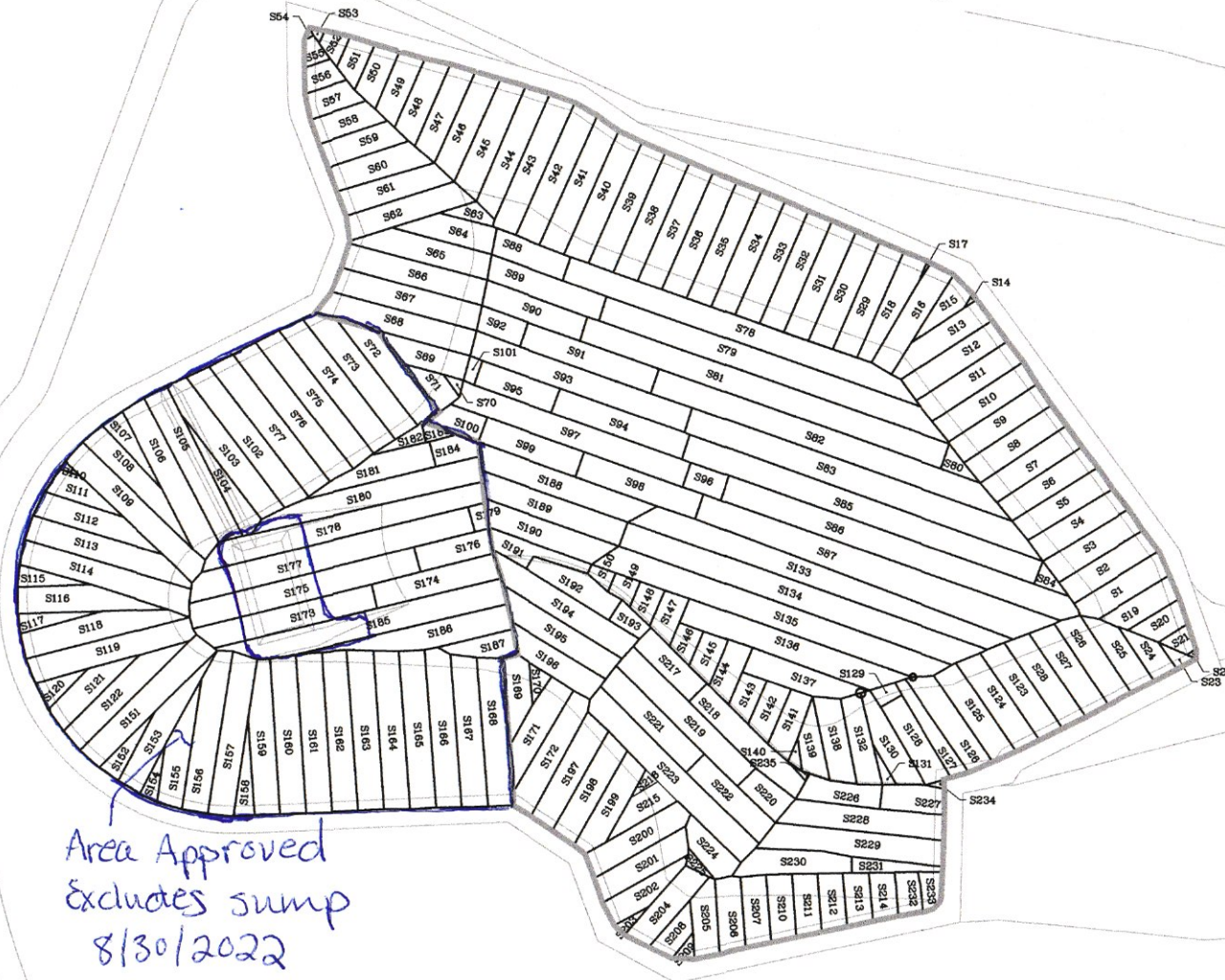
Client: <u>Cripple Creek & Victor Mining Co.</u> Project: <u>VLF2 Phase 3</u> Project No.: <u>475.0106.056</u>	Contractor: <u>Tetra Tech</u> Weather: <u>Sunny & warm</u> Date: <u>8/26/2022</u>				
Panels: <u>1-72, 78-101, 123-150, 169-172, 188-235</u>					
Items Inspected: <u>All seaming and repair work is complete in the accepted area</u> <u>All seams and repairs have been pressure tested or</u> <u>vacuum tested</u> <u>All destructive samples have been tested and meet project</u> <u>specifications</u> <u>As-built panel layout, deployment logs, seaming logs,</u> <u>pressure testing logs, vacuum testing logs, repair logs,</u> <u>and destructive testing logs have been reviewed and</u> <u>approved for DCF placement.</u>					
<table style="width: 100%;"> <tr> <td style="width: 50%;">Testing Performed: <u>Pressure Testing</u></td> <td style="width: 50%;"><u>Destructive Testing</u></td> </tr> <tr> <td><u>Vacuum Testing</u></td> <td><u>Survey Completed</u></td> </tr> </table>		Testing Performed: <u>Pressure Testing</u>	<u>Destructive Testing</u>	<u>Vacuum Testing</u>	<u>Survey Completed</u>
Testing Performed: <u>Pressure Testing</u>	<u>Destructive Testing</u>				
<u>Vacuum Testing</u>	<u>Survey Completed</u>				
Deficient Items: _____ _____ _____					
Remedial Actions: _____ _____ _____					
Geomembrane Accepted: YES <u>✓</u> NO _____					
Comments: _____ _____ _____					
Signatures:					
NewFields: <u>[Signature]</u> JHL: <u>[Signature]</u> CC&V: <u>[Signature]</u> Tetra Tech: <u>[Signature]</u> Other: _____	Date: <u>8/26/22</u> Date: <u>8/26/22</u> Date: <u>8/26/22</u> Date: <u>8-26-22</u> Date: _____				

Geomembrane Acceptance Form



Client: <u>Cripple Creek & Victor Mining Co.</u> Project: <u>VLF2 Phase 3</u> Project No.: <u>475.0106.056</u>	Contractor: <u>Tetra Tech</u> Weather: <u>Sunny</u> Date: <u>8/30/2022</u>										
Panels: <u>All remaining panels for secondary liner except portions of S178, S177, S175, S173 + S185 overlapping the sump; See attached Figure</u>											
Items Inspected: <u>All seaming and repair work is complete in the accepted area</u> <u>All seams and repairs have been pressure tested or vacuum tested</u> <u>All destructive samples have been tested and meet project specifications</u> <u>As-built panel layout, deployment logs, seaming logs, pressure testing logs, vacuum testing logs, repair logs, and destructive testing logs have been reviewed and approved for LVSCF placement.</u>											
Testing Performed: <table style="width: 100%;"> <tr> <td style="width: 50%;">Pressure Testing</td> <td style="width: 50%;">Destructive Testing</td> </tr> <tr> <td>Vacuum Testing</td> <td>Survey Completed</td> </tr> </table>		Pressure Testing	Destructive Testing	Vacuum Testing	Survey Completed						
Pressure Testing	Destructive Testing										
Vacuum Testing	Survey Completed										
Deficient Items: _____ _____ _____ Remedial Actions: _____ _____ _____ _____											
Geomembrane Accepted: YES <u>✓</u> NO _____											
Comments: <u>Sump is excluded from this approval</u> _____ _____											
Signatures: <table style="width: 100%; margin-top: 20px;"> <tr> <td style="width: 50%;"> NewFields: <u>[Signature]</u> </td> <td style="width: 50%;"> Date: <u>8/30/2022</u> </td> </tr> <tr> <td> JHL: <u>[Signature]</u> </td> <td> Date: <u>8/30/22</u> </td> </tr> <tr> <td> CC&V: <u>[Signature]</u> </td> <td> Date: <u>8/30/22</u> </td> </tr> <tr> <td> Tetra Tech: <u>[Signature]</u> </td> <td> Date: <u>8.30.22</u> </td> </tr> <tr> <td> Other: _____ </td> <td> Date: _____ </td> </tr> </table>		NewFields: <u>[Signature]</u>	Date: <u>8/30/2022</u>	JHL: <u>[Signature]</u>	Date: <u>8/30/22</u>	CC&V: <u>[Signature]</u>	Date: <u>8/30/22</u>	Tetra Tech: <u>[Signature]</u>	Date: <u>8.30.22</u>	Other: _____	Date: _____
NewFields: <u>[Signature]</u>	Date: <u>8/30/2022</u>										
JHL: <u>[Signature]</u>	Date: <u>8/30/22</u>										
CC&V: <u>[Signature]</u>	Date: <u>8/30/22</u>										
Tetra Tech: <u>[Signature]</u>	Date: <u>8.30.22</u>										
Other: _____	Date: _____										

P:\Projects\0106.026 VLF2 Phase 3a CQA\A-240\F05\0106.026.034F.dwg - 8/30/2022 11:13 AM



Area Approved
Excludes sump
8/30/2022



LEGEND:

PREVIOUSLY APPROVED PANELS

NewFields		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF2 PHASE 3 CQA	
TITLE		PSSA SECONDARY GEOMEMBRANE APPROVAL	
		FILENAME 0106.056.034F	REVISION
		FIGURE NO. 1	REVISION A

Geomembrane Acceptance Form



Client: <u>Cripple Creek & Victor Mining Co.</u> Project: <u>VLF2 Phase 3</u> Project No.: <u>475.0106.056</u>	Contractor: <u>Tetra Tech</u> Weather: <u>Warm & partly cloudy</u> Date: <u>9/8/2022</u>										
Panels: <u>See attached Figure</u>											
Items Inspected: <u>All seaming and repair work is complete in the accepted area</u> <u>All seams and repairs have been pressure tested or</u> <u>vacuum tested</u> <u>All destructive samples have been tested and meet project</u> <u>specifications</u> <u>As-built panel layout, deployment logs, seaming logs,</u> <u>pressure testing logs, vacuum testing logs, repair logs,</u> <u>and destructive testing logs have been reviewed and</u> <u>approved for LVSCF placement.</u>											
<table style="width: 100%;"> <tr> <td style="width: 50%;">Testing Performed: <u>Pressure Testing</u></td> <td style="width: 50%;"><u>Destructive Testing</u></td> </tr> <tr> <td><u>Vacuum Testing</u></td> <td><u>Survey Completed</u></td> </tr> </table>		Testing Performed: <u>Pressure Testing</u>	<u>Destructive Testing</u>	<u>Vacuum Testing</u>	<u>Survey Completed</u>						
Testing Performed: <u>Pressure Testing</u>	<u>Destructive Testing</u>										
<u>Vacuum Testing</u>	<u>Survey Completed</u>										
Deficient Items: _____ _____ _____ Remedial Actions: _____ _____ _____ _____											
Geomembrane Accepted: YES <u>✓</u> NO _____											
Comments: _____ _____ _____											
Signatures: <table style="width: 100%; margin-top: 20px;"> <tr> <td style="width: 50%;">NewFields: <u>[Signature]</u></td> <td style="width: 50%;">Date: <u>9/8/2022</u></td> </tr> <tr> <td>JHL: <u>[Signature]</u></td> <td>Date: <u>9/8/22</u></td> </tr> <tr> <td>CC&V: <u>[Signature]</u></td> <td>Date: <u>9/8/22</u></td> </tr> <tr> <td>Tetra Tech: <u>[Signature]</u></td> <td>Date: <u>9.8.22</u></td> </tr> <tr> <td>Other: _____</td> <td>Date: _____</td> </tr> </table>		NewFields: <u>[Signature]</u>	Date: <u>9/8/2022</u>	JHL: <u>[Signature]</u>	Date: <u>9/8/22</u>	CC&V: <u>[Signature]</u>	Date: <u>9/8/22</u>	Tetra Tech: <u>[Signature]</u>	Date: <u>9.8.22</u>	Other: _____	Date: _____
NewFields: <u>[Signature]</u>	Date: <u>9/8/2022</u>										
JHL: <u>[Signature]</u>	Date: <u>9/8/22</u>										
CC&V: <u>[Signature]</u>	Date: <u>9/8/22</u>										
Tetra Tech: <u>[Signature]</u>	Date: <u>9.8.22</u>										
Other: _____	Date: _____										

