

Appendix J

80-mil LLDPE DSMS Geomembrane Installation Observations

Appendix J.1 –80-mil LLDPE DSMS Geomembrane Panel Deployment Summary

Appendix J.2 - 80-mil LLDPE DSMS Geomembrane Fusion & Extrusion Trial Seam Summary

Appendix J.3 - 80-mil LLDPE DSMS Geomembrane Fusion & Extrusion Welding Summary

Appendix J.4 - 80-mil LLDPE DSMS Geomembrane Defect/Repair Summary

Appendix J.5 - 80-mil LLDPE DSMS Geomembrane Fusion & Extrusion Destructive Testing Summary

Appendix J.6 - 80-mil LLDPE DSMS Geomembrane Non-Destructive Testing Summary

Appendix J.7 - 80-mil LLDPE DSMS Geomembrane Acceptance Notifications

Appendix J.1

80-mil LLDPE DSMS Geomembrane Panel Deployment Summary

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-1	252029	10/08/14	63	80	DW	X		6	249	22.5	5,389	5,389
P-2	252029	10/08/14	63	80	DW	X		6	116	22.5	2,529	7,919
P-3	252026	10/08/14	63	80	DW	X		6	135	22.5	2,941	10,860
P-4	252026	10/08/14	64	80	DW	X		6	232	22.5	5,134	15,994
P-5	252019	10/08/14	64	80	DW	X		6	15	22.5	302	16,296
P-6	252019	10/08/14	62	80	DW	X		6	251	22.5	5,468	21,763
P-7	252019	10/08/14	62	80	DW	X		6	109	22.5	2,413	24,176
P-8	252028	10/08/14	62	80	DW	X		6	139	22.5	3,025	27,201
P-9	252028	10/08/14	60	80	DW	X		6	221	22.5	4,798	31,999
P-10	253030	10/08/14	60	80	DW	X		6	26	22.5	531	32,530
P-11	253030	10/21/14	50	80	DW	X		6	255	22.5	5,411	37,941
P-12	253030	10/21/14	50	80	DW	X		6	75	22.5	1,679	39,620
P-13	251014	10/21/14	53	80	DW	X		6	181	22.5	3,888	43,508
P-14	251014	10/21/14	53	80	DW	X		6	200	22.5	4,463	47,971
P-15	244055	10/21/14	53	80	DW	X		6	55	22.5	1,102	49,073
P-16	244055	10/21/14	57	80	DW	X		6	252	22.5	5,540	54,613
P-17	251010	10/21/14	55	80	DW	X		6	258	22.5	5,573	60,186
P-18	251010	10/21/14	55	80	DW	X		6	118	22.5	2,572	62,758
P-19	251008	10/21/14	54	80	DW	X		6	145	22.5	2,135	64,894
P-20	244055	10/21/14	54	80	DW	X		6	37	22.5	799	65,693
P-21	251008	10/21/14	53	80	DW	X		6	230	22.5	4,990	70,682
P-22	252021	10/21/14	53	80	DW	X		6	272	22.5	6,119	76,801
P-23	252021	10/21/14	50	80	DW	X		6	100	22.5	2,064	78,865
P-24	251006	10/21/14	50	80	DW	X		6	176	22.5	3,730	82,595
P-25	251006	10/24/14	52	80	AF	X		6	202	22.5	4,543	87,138
P-26	247099	10/24/14	52	80	AF	X		6	80	22.5	1,718	88,856
P-27	247099	10/24/14	52	80	AF	X		6	287	22.5	6,432	95,288
P-28	247095	10/24/14	53	80	AF	X		6	291	22.5	6,390	101,678
P-29	247095	10/24/14	53	80	AF	X		6	83	22.5	1,829	103,507
P-30	247096	10/24/14	53	80	AF	X		6	213	22.5	4,653	108,160

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-31	247097	10/24/14	58	80	AF	X		6	224	22.5	4,836	112,996
P-32	247097	10/24/14	58	80	AF	X		6	75	22.5	1,519	114,515
P-33	251009	10/24/14	60	80	AF	X		6	302	22.5	6,557	121,072
P-34	251009	10/24/14	60	80	AF	X		6	74	22.5	1,552	122,624
P-35	247096	10/24/14	60	80	AF	X		6	167	22.5	3,644	126,267
P-36	247097	10/24/14	60	80	AF	X		6	67	22.5	1,371	127,638
P-37	251001	10/25/14	51	80	AF	X		6	300	22.5	6,594	134,232
P-38	251003	10/25/14	53	80	AF	X		6	303	22.5	6,599	140,831
P-39	251003	10/25/14	53	80	AF	X		6	74	22.5	1,614	142,446
P-40	251001	10/25/14	56	80	AF	X		6	72	22.5	1,598	144,044
P-41	244048	10/25/14	56	80	AF	X		6	157	22.5	3,441	147,485
P-42	244048	10/25/14	60	80	AF	X		6	143	22.5	3,116	150,601
P-43	246081	10/25/14	60	80	AF	X		6	81	22.5	1,686	152,287
P-44	244048	10/25/14	60	80	AF	X		6	72	22.5	1,402	153,689
P-45	246081	10/25/14	60	80	AF	X		6	289	22.5	6,322	160,011
P-46	251002	10/25/14	60	80	AF	X		6	9	22.5	192	160,204
P-47	251002	10/25/14	60	80	AF	X		6	300	22.5	6,627	166,830
P-48	251007	10/25/14	62	80	AF	X		6	300	22.5	6,506	173,336
P-49	251007	10/25/14	62	80	AF	X		6	81	22.5	1,676	175,012
P-50	251002	10/25/14	62	80	AF	X		6	69	22.5	1,486	176,499
P-51	247101	10/25/14	63	80	AF	X		6	151	22.5	3,268	179,767
P-52	235063	10/25/14	63	80	AF	X		6	299	22.5	6,594	186,361
P-53	247101	10/25/14	63	80	AF	X		6	218	22.5	4,764	191,125
P-54	235063	10/25/14	63	80	AF	X		6	80	22.5	1,749	192,874
P-55	247100	10/27/14	46	80	AF	X		6	299	22.5	6,504	199,377
P-56	247100	10/27/14	46	80	AF	X		6	74	22.5	1,640	201,017
P-57	247094	10/27/14	45	80	AF	X		6	225	22.5	4,933	205,950
P-58	247094	10/27/14	45	80	AF	X		6	156	22.5	3,435	209,386
P-59	251004	10/27/14	44	80	AF	X		6	141	22.5	3,098	212,484
P-60	247098	10/27/14	44	80	AF	X		6	298	22.5	6,538	219,022

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-61	247098	10/27/14	43	80	AF	X		6	80	22.5	1,736	220,758
P-62	251004	10/27/14	43	80	AF	X		6	221	22.5	4,764	225,522
P-63	242029	10/29/14	39	80	AF	X		6	300	22.5	6,502	232,025
P-64	242029	10/29/14	39	80	AF	X		6	79	22.5	1,711	233,735
P-65	242028	10/29/14	39	80	AF	X		6	220	22.5	4,729	238,464
P-66	243033	10/29/14	40	80	AF	X		6	298	22.5	6,517	244,982
P-67	243033	10/29/14	40	80	AF	X		6	81.0	22.5	1,771	246,753
P-68	242028	10/29/14	40	80	AF	X		6	153	22.5	3,269	250,021
P-69	251013	10/29/14	41	80	AF	X		6	65	22.5	1,376	251,397
P-70	251013	10/29/14	41	80	AF	X		6	300	22.5	6,470	257,867
P-71	252017	10/29/14	46	80	AF	X		6	301	22.5	6,610	264,478
P-72	252017	10/29/14	46	80	AF	X		6	80	22.5	1,757	266,235
P-73	246080	10/29/14	46	80	AF	X		6	221	22.5	4,784	271,019
P-74	246079	10/29/14	46	80	AF	X		6	303	22.5	6,506	277,524
P-75	243030	10/29/14	47	80	AF	X		6	302	22.5	6,547	284,071
P-76	243030	10/29/14	47	80	AF	X		6	79	22.5	1,689	285,760
P-77	246079	10/29/14	47	80	AF	X		6	76	22.5	1,665	287,425
P-78	246080	10/29/14	47	80	AF	X		6	146	22.5	3,164	290,589
P-79	244057	10/30/14	35	80	AF	X		6	299	22.5	6,479	297,068
P-80	244057	10/30/14	35	80	AF	X		6	78	22.5	1,693	298,760
P-81	251012	10/30/14	35	80	AF	X		6	220	22.5	4,845	303,605
P-82	247092	10/30/14	35	80	AF	X		6	300	22.5	6,489	310,094
P-83	247092	10/30/14	38	80	AF	X		6	79	22.5	1,746	311,840
P-84	251012	10/30/14	38	80	AF	X		6	149	22.5	3,214	315,054
P-85	251005	10/30/14	38	80	AF	X		6	71	22.5	1,528	316,582
P-86	251005	10/30/14	38	80	AF	X		6	298	22.5	6,434	323,016
P-87	247093	10/31/14	43	80	DW	X		6	296	22.5	6,517	329,533
P-88	247093	10/31/14	43	80	DW	X		6	49	22.5	1,057	330,590
P-89	247090	10/31/14	44	80	DW	X		6	249	22.5	5,472	336,062
P-90	246087	10/31/14	44	80	DW	X		6	299	22.5	6,540	342,602

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-91	252018	10/31/14	48	80	DW	X		6	100	22.5	2,173	344,776
P-92	246087	10/31/14	48	80	DW	X		6	78	22.5	1,725	346,501
P-93	247090	10/31/14	50	80	DW	X		6	122	22.5	2,628	349,129
P-94	252018	10/31/14	50	80	DW	X		6	270	22.5	5,947	355,076
P-95	247088	10/31/14	50	80	DW	X		6	30	22.5	637	355,713
P-96	247088	11/01/14	46	80	DW	X		6	299	22.5	6,495	362,209
P-97	247088	11/01/14	46	80	DW	X		6	45	22.5	975	363,183
P-98	246086	11/01/14	47	80	DW	X		6	253	22.5	5,533	368,716
P-99	246082	11/01/14	48	80	DW	X		6	298	22.5	6,547	375,264
P-100	246082	11/01/14	48	80	DW	X		6	77	22.5	1,369	376,633
P-101	246086	11/01/14	48	80	DW	X		6	125	22.5	2,779	379,412
P-102	251011	11/01/14	48	80	DW	X		6	96	22.5	2,073	381,485
P-103	251011	11/01/14	50	80	DW	X		6	205	22.5	4,620	386,105
P-104	066072	11/01/14	50	80	DW	X	Covered by P-201	6	30	22.5	677	386,782
P-105	243081	11/01/14	50	80	DW	X		6	173	22.5	3,899	390,681
P-106	244054	11/01/14	51	80	DW	X		6	163	22.5	3,673	394,354
P-107	244054	11/01/14	52	80	DW	X	Covered by P-204	6	75	22.5	1,549	395,902
P-108	244056	11/01/14	52	80	DW	X		6	150	22.5	3,380	399,282
P-109	246084	11/01/14	53	80	DW	X		6	165	22.5	3,708	402,990
P-110	246084	11/01/14	53	80	DW	X	Covered by P-207	6	74	22.5	1,667	404,658
P-111	244056	11/01/14	54	80	DW	X		6	92	22.5	2,093	406,751
P-112	246083	11/01/14	53	80	DW	X		6	65	22.5	1,367	408,117
P-113	246083	11/01/14	53	80	DW	X		6	142	22.5	3,197	411,314
P-114	247089	11/01/14	53	80	DW	X		6	187	22.5	4,161	415,476
P-115	252023	11/06/14	46	80	NA	X		6	236	22.5	5,111	420,587
P-116	252023	11/06/14	46	80	NA	X		6	81	22.5	1,772	422,359
P-117	247089	11/06/14	48	80	NA	X		6	79	22.5	1,724	424,083
P-118	252023	11/06/14	48	80	NA	X		6	17	11	181	424,264
P-119	252023	11/06/14	49	80	NA	X		6	73	16.75	1,821	426,085
P-120	243081	11/06/14	52	80	NA	X		6	44	10	464	426,549

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-121	231003	11/06/14	52	80	NA	X		6	7	5	27	426,576
P-122	246085	11/06/14	52	80	NA	X		6	2	22.5	51	426,627
P-123	246085	11/06/14	52	80	NA	X		6	13	15	93	426,720
P-124	086087	06/02/15	65	80	MT	X		6	299	22.5	6,580	433,300
P-125	086085	06/02/15	65	80	MT	X		6	293	22.5	6,562	439,862
P-126	085071	06/02/15	66	80	MT	X		6	293	22.5	6,432	446,294
P-127	085070	06/02/15	66	80	MT	X		6	295	22.5	6,505	452,799
P-128	085070	06/02/15	66	80	MT	X		6	81	22.5	1,808	454,606
P-129	086085	06/02/15	66	80	MT	X		6	82	22.5	1,821	456,427
P-130	086087	06/02/15	66	80	MT	X		6	83	22.5	1,809	458,237
P-131	085071	06/02/15	66	80	MT	X		6	51	22.5	1,087	459,324
P-132	086086	06/02/15	66	80	MT	X		6	303	22.5	4,581	463,905
P-133	085069	06/02/15	65	80	MT	X		6	123	22.5	2,107	466,011
P-134	085069	06/02/15	65	80	MT	X		6	72	22.5	1,091	467,103
P-135	085069	06/03/15	50	80	MT	X		6	17	22.5	233	467,336
P-136	086084	06/03/15	60	80	MT	X		6	306	22.5	6,552	473,888
P-137	076093	06/03/15	58	80	MT	X		6	296	22.5	6,488	480,376
P-138	086083	06/03/15	55	80	MT	X		6	297	22.5	6,586	486,962
P-139	086083	06/03/15	55	80	MT	X		6	81	22.5	1,852	488,814
P-140	076093	06/03/15	56	80	MT	X		6	83	22.5	1,848	490,662
P-141	086084	06/03/15	56	80	MT	X		6	83	22.5	1,762	492,424
P-142	076095	06/03/15	56	80	MT	X		6	50	22.5	1,052	493,475
P-143	076095	06/03/15	56	80	MT	X		6	300	22.5	6,564	500,039
P-144	085080	06/04/15	59	80	PO	X		6	296	22.5	6,547	506,587
P-145	085081	06/04/15	59	80	PO	X		6	296	22.5	6,583	513,170
P-146	085081	06/04/15	68	80	PO	X		6	79	22.5	1,766	514,936
P-147	085069	06/04/15	69	80	PO	X		6	142	22.5	3,209	518,145
P-148	086086	06/04/15	68	80	PO	X		6	72	22.5	1,562	519,707
P-149	086082	06/04/15	68	80	PO	X		6	296	22.5	6,543	526,250
P-150	077097	06/04/15	69	80	PO	X		6	296	22.5	6,575	532,825

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
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Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-151	085066	06/04/15	69	80	PO	X		6	299	22.5	6,590	539,416
P-152	085066	06/04/15	68	80	PO	X		6	81	22.5	1,802	541,218
P-153	085080	06/04/15	68	80	PO	X		6	81	22.5	1,818	543,036
P-154	077097	06/04/15	70	80	PO	X		6	83	22.5	1,854	544,890
P-155	086082	06/04/15	70	80	PO	X		6	50	22.5	1,081	545,970
P-156	085079	06/04/15	71	80	PO	X		6	295	22.5	6,485	552,455
P-157	085076	06/06/15	42	80	KS	X		6	300	22.5	6,503	558,959
P-158	077098	06/06/15	40	80	KS	X		6	294	21	3,118	562,077
P-159	077098	06/06/15	40	80	KS	X		6	293	22	3,238	565,315
P-160	085077	06/06/15	44	80	KS	X		6	301	22.5	6,648	571,963
P-161	085077	06/06/15	40	80	KS	X		6	74	22.5	1,702	573,665
P-162	077098	06/06/15	40	80	KS	X		6	76	22.5	1,654	575,318
P-163	085076	06/06/15	40	80	KS	X		6	74	22.5	1,679	576,997
P-164	085079	06/06/15	53	80	KS	X		6	77	22.5	1,632	578,629
P-165	085078	06/06/15	53	80	KS	X		6	301	22.5	4,867	583,497
P-166	085078	06/06/15	56	80	KS	X		6	147	22.5	1,543	585,040
P-167	077099	06/06/15	53	80	KS	X		6	300	22.5	6,573	591,613
P-168	076091	06/06/15	53	80	KS	X		6	297	22.5	6,503	598,116
P-169	076092	06/07/15	59	80	KS	X		6	298	22.5	6,540	604,656
P-170	085067	06/07/15	66	80	KS	X		6	298	22.5	6,522	611,178
P-171	085073	06/07/15	63	80	KS	X		6	300	22.5	6,478	617,656
P-172	085072	06/07/15	63	80	KS	X		6	295	22.5	6,531	624,187
P-173	085078	06/08/15	56	80	KS	X		6	83	22.5	1,846	626,033
P-174	076091	06/08/15	57	80	KS	X		6	83	22.5	1,817	627,850
P-175	085073	06/08/15	57	80	KS	X		6	85	22.5	1,823	629,673
P-176	085078	06/08/15	57	80	KS	X		6	50	22.5	1,056	630,729
P-177	085074	06/08/15	60	80	KS	X		6	295	22.5	6,511	637,240
P-178	085074	06/08/15	59	80	KS	X		6	85	22.5	1,867	639,106
P-179	076092	06/08/15	59	80	KS	X		6	81	22.5	1,759	640,866
P-180	085067	06/08/15	59	80	KS	X		6	82	22.5	1,798	642,663

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-181	085072	06/08/15	59	80	KS	X		6	50	22.5	1,051	643,714
P-182	085075	06/08/15	61	80	KS	X		6	297	22.5	6,293	650,007
P-183	073044	06/09/15	68	80	KS	X		6	126	22.5	2,877	652,884
P-184	073044	06/09/15	68	80	KS	X		6	117	22.5	2,602	655,486
P-185	073044	06/09/15	68	80	KS	X		6	87	22.5	2,048	657,534
P-186	073045	06/09/15	68	80	KS	X		6	92	22.5	2,052	659,586
P-187	073045	06/09/15	68	80	KS	X		6	82	22.5	1,342	660,928
P-188	073045	06/09/15	70	80	KS	X		6	11	22.5	284	661,212
P-189	073045	06/09/15	70	80	KS	X		6	142	22.5	3,187	664,400
P-190	081002	06/09/15	70	80	KS	X		6	154	22.5	3,420	667,820
P-191	081002	06/09/15	70	80	KS	X		6	167	22.5	3,716	671,536
P-192	081002	06/09/15	70	80	KS	X		6	20	22.5	567	672,103
P-193	073043	06/09/15	70	80	KS	X		6	155	22.5	3,467	675,570
P-194	073043	06/09/15	70	80	KS	X		6	196	22.5	4,318	679,888
P-195	074051	06/09/15	70	80	KS	X		6	205	22.5	4,575	684,463
P-196	074051	06/09/15	65	80	KS	X		6	152	22.5	3,323	687,787
P-197	074049	06/09/15	65	80	KS	X		6	69	22.5	1,471	689,258
P-198	074049	06/09/15	65	80	KS	X		6	225	22.5	5,071	694,329
P-199	074049	06/09/15	65	80	KS	X		6	73	22.5	1,662	695,991
P-200	073047	06/09/15	65	80	KS	X		6	157	22.5	3,615	699,606
P-201	073047	06/10/15	70	80	AF	X		6	89	22.5	1,951	701,557
P-202	073047	06/10/15	70	80	AF	X		6	120	22.5	2,594	704,151
P-203	077103	06/10/15	70	80	AF	X		6	130	22.5	2,860	707,011
P-204	077103	06/10/15	70	80	AF	X		6	142	22.5	3,117	710,128
P-205	077103	06/10/15	70	80	AF	X		6	110	22.5	2,473	712,602
P-206	087102	06/10/15	70	80	AF	X		6	19	22.5	415	713,016
P-207	087102	06/10/15	70	80	AF	X		6	140	22.5	3,077	716,093
P-208	087102	06/10/15	70	80	AF	X		6	150	22.5	3,372	719,466
P-209	087102	06/10/15	73	80	AF	X		6	64	22.5	1,218	720,683
P-210	085068	06/10/15	73	80	AF	X		6	20	22.5	422	721,105

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-211	085068	06/10/15	73	80	PO	X		6	19	17	325	721,431
P-212	085068	06/11/15	64	80	KS	X		6	251	22.5	5,531	726,961
P-213	077110	06/11/15	64	80	KS	X		6	257	22.5	5,689	732,650
P-214	081003	06/11/15	64	80	KS	X		6	264	22.5	5,747	738,397
P-215	077105	06/11/15	64	80	KS	X		6	271	22.5	6,004	744,401
P-216	073042	06/11/15	59	80	KS	X		6	281	22.5	6,049	750,450
P-217	074048	06/11/15	59	80	KS	X		6	277	22.5	6,274	756,724
P-218	077107	06/11/15	59	80	KS	X		6	272	22.5	6,139	762,864
P-219	081001	06/11/15	59	80	KS	X		6	278	22.5	5,929	768,792
P-220	076087	06/17/15	69	80	KS	X		6	292	22.5	6,265	775,057
P-221	076087	06/17/15	69	80	KS	X		6	85	22.5	1,858	776,915
P-222	081003	06/17/15	69	80	KS	X		6	113	22.5	2,471	779,386
P-223	077100	06/17/15	70	80	KS	X		6	33	22.5	690	780,077
P-224	085068	06/17/15	70	80	KS	X		6	75	22.5	1,574	781,651
P-225	077100	06/17/15	70	80	KS	X		6	321	22.5	6,886	788,536
P-226	077100	06/17/15	70	80	KS	X		6	22	22.5	476	789,012
P-227	081001	06/17/15	70	80	KS	X		6	96	22.5	2,080	791,092
P-228	077110	06/17/15	68	80	KS	X		6	121	22.5	2,593	793,685
P-229	077105	06/17/15	68	80	KS	X		6	94	22.5	1,977	795,662
P-230	076094	06/17/15	68	80	KS	X		6	345	22.5	7,560	803,222
P-231	076094	06/17/15	68	80	KS	X		6	24	22.5	581	803,803
P-232	074048	06/17/15	68	80	KS	X		6	84	22.5	1,799	805,603
P-233	073042	06/17/15	68	80	KS	X		6	91	22.5	2,010	807,612
P-234	077107	06/17/15	68	80	KS	X		6	103	22.5	2,240	809,852
P-235	085075	06/17/15	68	80	KS	X		6	51	22.5	1,070	810,922
P-236	075074	06/18/15	70	80	KS	X		6	343	22.5	7,485	818,407
P-237	075074	06/18/15	70	80	KS	X		6	55	22.5	620	819,027
P-238	077108	06/18/15	70	80	KS	X		6	261	22.5	5,692	824,719
P-239	075068	06/18/15	69	80	KS	X		6	239	22.5	5,264	829,983
P-240	075068	06/18/15	69	80	KS	X		6	56	22.5	633	830,616

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-241	077102	06/18/15	69	80	KS	X		6	54	22.5	1,246	831,861
P-242	075068	06/18/15	67	80	KS	X		6	104	22.5	2,220	834,081
P-243	077102	06/18/15	67	80	KS	X		6	132	22.5	2,920	837,001
P-244	077102	06/18/15	68	80	KS	X		6	50	22.5	528	837,529
P-245	077102	06/18/15	68	80	KS	X		6	56	22.5	1,136	838,665
P-246	075076	06/19/15	80	80	AF	X		6	174	22.5	3,784	842,449
P-247	075076	06/19/15	80	80	AF	X		6	35	22.5	345	842,794
P-248	075076	06/19/15	80	80	AF	X		6	124	22.5	2,705	845,499
P-249	075072	06/19/15	80	80	AF	X		6	103	22.5	2,194	847,693
P-250	075072	06/19/15	80	80	AF	X		6	30	22.5	316	848,009
P-251	075072	06/19/15	80	80	AF	X		6	48	22.5	911	848,919
P-252	075072	06/19/15	80	80	AF	X		6	35	22.5	292	849,212
P-253	075072	06/19/15	73	80	AF	X		6	46	22.5	381	849,592
P-254	077109	06/19/15	83	80	AF	X		6	101	22.5	2,237	851,830
P-255	075072	06/19/15	83	80	AF	X		6	102	22.5	2,161	853,990
P-256	077109	06/19/15	84	80	AF	X		6	30	22.5	347	854,337
P-257	077109	06/19/15	83	80	AF	X		6	217	22.5	4,675	859,012
P-258	075073	06/19/15	84	80	AF	X		6	255	22.5	5,777	864,789
P-259	075073	06/19/15	86	80	AF	X		6	93	22.5	2,028	866,817
P-260	077108	06/19/15	79	80	AF	X		6	117	22.5	2,570	869,387
P-261	075075	06/19/15	79	80	AF	X		6	55	22.5	1,237	870,624
P-262	075073	06/19/15	79	80	AF	X		6	32	22.5	366	870,990
P-263	075075	06/19/15	79	80	KS	X		6	294	22.5	6,552	877,542
P-264	077102	06/19/15	79	80	KS	X		6	94	22.5	2,080	879,622
P-265	075076	06/19/15	80	80	KS	X		6	45	22.5	1,019	880,641
P-266	077109	06/19/15	80	80	KS	X		6	45	22.5	1,020	881,661
P-267	077104	06/19/15	80	80	KS	X		6	131	22.5	3,073	884,734
P-268	073041	06/19/15	72	80	KS	X		6	312	22.5	5,529	890,263
P-269	077104	06/19/15	72	80	KS	X		6	16	22.5	134	890,397
P-270	075066	06/20/15	85	80	AF	X		6	292	22.5	6,694	897,091

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-271	075071	06/20/15	84	80	AF	X		6	294	22.5	6,351	903,442
P-272	075064	06/20/15	87	80	AF	X		6	297	22.5	6,405	909,847
P-273	074058	06/21/15	45	80	AF	X		6	300	22.5	6,496	916,343
P-274	074059	06/21/15	45	80	AF	X		6	299	22.5	6,484	922,827
P-275	074063	06/21/15	46	80	AF	X		6	298	22.5	6,367	929,194
P-276	074063	06/21/15	46	80	AF	X		6	81	22.5	1,771	930,965
P-277	074059	06/21/15	46	80	AF	X		6	77	22.5	1,681	932,646
P-278	074058	06/21/15	46	80	AF	X		6	79	22.5	1,729	934,375
P-279	074061	06/21/15	46	80	AF	X		6	64	22.5	1,301	935,676
P-280	075067	06/21/15	55	80	AF	X		6	298	22.5	6,481	942,157
P-281	074062	06/21/15	55	80	AF	X		6	296	22.5	6,363	948,521
P-282	075065	06/21/15	55	80	AF	X		6	298	22.5	6,457	954,977
P-283	075069	06/21/15	60	80	AF	X		6	226	22.5	4,885	959,862
P-284	075069	06/21/15	60	80	AF	X		6	73	22.5	1,533	961,395
P-285	074060	06/21/15	66	80	AF	X		6	293	22.5	6,594	967,990
P-286	074060	06/21/15	66	80	AF	X		6	83	22.5	1,852	969,842
P-287	075069	06/21/15	66	80	AF	X		6	81	22.5	1,751	971,593
P-288	075065	06/21/15	66	80	AF	X		6	82	22.5	1,809	973,402
P-289	074061	06/21/15	66	80	AF	X		6	51	22.5	1,099	974,501
P-290	074055	06/21/15	66	80	AF	X		6	300	22.5	6,509	981,009
P-291	074061	06/22/15	72	80	KS	X		6	58	22.5	1,221	982,230
P-292	074062	06/22/15	72	80	KS	X		6	86	22.5	1,823	984,053
P-293	075067	06/22/15	72	80	KS	X		6	79	22.5	1,834	985,887
P-294	074055	06/22/15	72	80	KS	X		6	79	22.5	1,727	987,614
P-295	072025	06/22/15	72	80	KS	X		6	232	22.5	4,932	992,546
P-296	072025	06/22/15	69	80	KS	X		6	152	22.5	1,618	994,164
P-297	072026	06/22/15	69	80	KS	X		6	295	22.5	6,570	1,000,734
P-298	074053	06/22/15	69	80	KS	X		6	295	22.5	6,551	1,007,284
P-299	077101	06/23/15	74	80	AF	X		6	47	22.5	991	1,008,275
P-300	077101	06/23/15	74	80	AF	X		6	80	22.5	1,742	1,010,017

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-301	077101	06/23/15	74	80	AF	X		6	110	22.5	2,400	1,012,418
P-302	077101	06/23/15	74	80	AF	X		6	126	22.5	3,178	1,015,595
P-303	073041	06/23/15	75	80	AF	X		6	66	22.5	1,404	1,017,000
P-304	077104	06/23/15	75	80	AF	X		6	114	22.5	2,352	1,019,351
P-305	077104	06/23/15	76	80	AF	X		6	23	9.5	214	1,019,565
P-306	072028	06/24/15	66	80	KS	X		6	298	22.5	6,614	1,026,179
P-307	072024	06/24/15	64	80	KS	X		6	300	22.5	6,560	1,032,739
P-308	072020	06/24/15	64	80	KS	X		6	299	22.5	6,512	1,039,251
P-309	072022	06/24/15	63	80	KS	X		6	299	22.5	6,505	1,045,756
P-310	074057	06/24/15	63	80	KS	X		6	299	22.5	6,528	1,052,285
P-311	075070	06/24/15	68	80	KS	X		6	303	22.5	6,454	1,058,738
P-312	072027	06/24/15	68	80	KS	X		6	303	22.5	6,420	1,065,158
P-313	074054	06/24/15	79	80	KS	X		6	300	22.5	6,529	1,071,687
P-314	074056	06/24/15	79	80	KS	X		6	308	22.5	6,718	1,078,405
P-315	072021	06/24/15	79	80	KS	X		6	232	22.5	5,114	1,083,519
P-316	072021	06/24/15	80	80	KS	X		6	154	22.5	1,459	1,084,978
P-317	072017	06/24/15	80	80	KS	X		6	230	22.5	4,998	1,089,976
P-318	072017	06/24/15	80	80	KS	X		6	159	22.5	1,424	1,091,400
P-319	066062	06/24/15	68	80	KS	X		6	155	22.5	5,143	1,096,543
P-320	066062	06/24/15	67	80	KS	X		6	149	22.5	1,461	1,098,003
P-321	066068	06/25/15	67	80	MT	X		6	234	22.5	5,224	1,103,227
P-322	066068	06/25/15	67	80	MT	X		6	153	22.5	1,578	1,104,805
P-323	066061	06/25/15	67	80	MT	X		6	231	22.5	5,006	1,109,811
P-324	066061	06/25/15	67	80	MT	X		6	148	22.5	1,336	1,111,147
P-325	066071	06/25/15	67	80	MT	X		6	230	22.5	4,836	1,115,983
P-326	066071	06/25/15	67	80	MT	X		6	150	22.5	1,359	1,117,342
P-327	066064	06/25/15	67	80	MT	X		6	231	22.5	4,952	1,122,294
P-328	066064	06/26/15	61	80	AF	X		6	71	22.5	1,351	1,123,644
P-329	066060	06/26/15	62	80	AF	X		6	194	22.5	4,174	1,127,818
P-330	066060	06/26/15	61	80	AF	X		6	15	22.5	242	1,128,060

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-331	072018	06/26/15	60	80	AF	X		6	10	22.5	238	1,128,298
P-332	066060	06/26/15	60	80	AF	X		6	146	22.5	3,205	1,131,503
P-333	072018	06/26/15	61	80	AF	X		6	145	22.5	3,084	1,134,586
P-334	072018	06/26/15	60	80	AF	X		6	17	22.5	292	1,134,878
P-335	072018	06/26/15	62	80	AF	X		6	100	22.5	2,208	1,137,087
P-336	066070	06/26/15	62	80	AF	X		6	12	22.5	201	1,137,288
P-337	072018	06/26/15	62	80	AF	X		6	76	22.5	1,531	1,138,819
P-338	066070	06/26/15	63	80	AF	X		6	55	22.5	1,118	1,139,937
P-339	066070	06/26/15	63	80	AF	X		6	35	22.5	336	1,140,273
P-340	066070	06/26/15	58	80	AF	X		6	212	22.5	4,474	1,144,747
P-341	066060	06/26/15	58	80	AF	X		6	7	22.5	224	1,144,971
P-342	072023	06/26/15	58	80	AF	X		6	210	22.5	4,606	1,149,576
P-343	072019	06/26/15	59	80	AF	X		6	200	22.5	4,178	1,153,754
P-344	066063	06/26/15	59	80	AF	X		6	193	22.5	4,169	1,157,923
P-345	063026	06/26/15	60	80	AF	X		6	186	22.5	3,906	1,161,829
P-346	063030	06/27/15	66	80	AF	X		6	194	22.5	4,556	1,166,386
P-347	063032	06/27/15	68	80	AF	X		6	230	22.5	5,098	1,171,484
P-348	063024	06/27/15	73	80	AF	X		6	244	22.5	5,317	1,176,800
P-349	063023	06/27/15	60	80	AF	X		6	245	22.5	5,379	1,182,179
P-350	064042	06/28/15	50	80	AF	X		6	244	22.5	5,365	1,187,544
P-351	063025	06/28/15	58	80	AF	X		6	244	22.5	5,388	1,192,932
P-352	063025	06/28/15	58	80	AF	X		6	129	22.5	2,856	1,195,788
P-353	063022	06/28/15	58	80	AF	X		6	114	22.5	2,490	1,198,277
P-354	063022	06/28/15	58	80	AF	X		6	244	22.5	5,435	1,203,712
P-355	064042	06/28/15	58	80	AF	X		6	129	22.5	2,864	1,206,576
P-356	064033	06/28/15	58	80	AF	X		6	114	22.5	2,502	1,209,078
P-357	064033	06/28/15	58	80	AF	X		6	185	22.5	4,262	1,213,340
P-358	064033	06/28/15	58	80	AF	X		6	58	22.5	1,223	1,214,563
P-359	063029	06/28/15	58	80	AF	X		6	182	22.5	3,983	1,218,546
P-360	063029	06/28/15	58	80	AF	X		6	59	22.5	1,220	1,219,765

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-361	063031	06/28/15	58	80	AF	X		6	242	22.5	5,367	1,225,132
P-362	063031	06/29/15	59	80	KS	X		6	134	22.5	2,937	1,228,069
P-363	063027	06/29/15	59	80	KS	X		6	108	22.5	2,385	1,230,454
P-364	063027	06/29/15	60	80	AF	X		6	246	22.5	5,343	1,235,797
P-365	063024	06/29/15	62	80	AF	X		6	134	22.5	2,808	1,238,605
P-366	063028	06/29/15	61	80	AF	X		6	114	22.5	2,465	1,241,070
P-367	063028	06/29/15	61	80	AF	X		6	248	22.5	5,367	1,246,438
P-368	063029	06/29/15	61	80	AF	X		6	132	22.5	2,823	1,249,261
P-369	077106	06/29/15	59	80	AF	X		6	116	22.5	2,541	1,251,802
P-370	077106	06/29/15	59	80	AF	X		6	245	22.5	5,373	1,257,175
P-371	063023	06/29/15	59	80	AF	X		6	131	22.5	2,826	1,260,001
P-372	073046	06/29/15	58	80	AF	X		6	115	22.5	2,506	1,262,507
P-373	073046	06/29/15	58	80	AF	X		6	247	22.5	5,370	1,267,877
P-374	064043	06/29/15	58	80	AF	X		6	248	22.5	5,215	1,273,092
P-375	064043	06/29/15	56	80	AF	X		6	131	22.5	2,826	1,275,918
P-376	064041	06/29/15	56	80	AF	X		6	117	22.5	2,556	1,278,473
P-377	064041	06/29/15	56	80	AF	X		6	247	22.5	5,333	1,283,807
P-378	063032	06/29/15	52	80	AF	X		6	118	22.5	2,774	1,286,581
P-379	074052	06/29/15	52	80	AF	X		6	130	22.5	2,562	1,289,143
P-380	063026	06/30/15	66	80	AF	X		6	175	22.5	4,012	1,293,155
P-381	066063	06/30/15	67	80	AF	X		6	171	22.5	3,776	1,296,932
P-382	074052	06/30/15	68	80	AF	X		6	5	22.5	103	1,297,035
P-383	074052	06/30/15	68	80	AF	X		6	170	22.5	3,749	1,300,783
P-384	072019	06/30/15	69	80	AF	X		6	167	22.5	3,650	1,304,433
P-385	065047	06/30/15	70	80	AF	X		6	163	22.5	3,580	1,308,014
P-386	065046	06/30/15	70	80	AF	X		6	159	22.5	3,509	1,311,523
P-387	065046	06/30/15	70	80	AF	X		6	159	22.5	3,436	1,314,959
P-388	072023	06/30/15	71	80	AF	X		6	153	22.5	3,369	1,318,328
P-389	066066	06/30/15	71	80	AF	X		6	154	22.5	3,360	1,321,688
P-390	066066	06/30/15	72	80	AF	X		6	154	22.5	3,344	1,325,032

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-391	066069	06/30/15	72	80	AF	X		6	153	22.5	3,334	1,328,366
P-392	066069	06/30/15	72	80	AF	X		6	150	22.5	3,267	1,331,633
P-393	066065	06/30/15	73	80	AF	X		6	146	22.5	3,129	1,334,762
P-394	066065	06/30/15	78	80	AF	X		6	138	22.5	3,002	1,337,763
P-395	064037	06/30/15	78	80	AF	X		6	130	22.5	2,884	1,340,647
P-396	064037	06/30/15	79	80	AF	X		6	125	22.5	2,749	1,343,396
P-397	064034	06/30/15	80	80	AF	X		6	120	22.5	2,636	1,346,032
P-398	064034	06/30/15	81	80	AF	X		6	115	22.5	2,515	1,348,546
P-399	064034	06/30/15	83	80	AF	X		6	109	22.5	2,371	1,350,917
P-400	062016	06/30/15	83	80	AF	X		6	104	22.5	2,229	1,353,146
P-401	064037	06/30/15	81	80	AF	X		6	98	22.5	2,115	1,355,261
P-402	062016	06/30/15	78	80	AF	X		6	91	22.5	2,003	1,357,264
P-403	062016	06/30/15	78	80	AF	X		6	44	22.5	835	1,358,099
P-404	062016	06/30/15	76	80	AF	X		6	42	22.5	743	1,358,842
P-405	065044	06/30/15	76	80	AF	X		6	78	22.5	1,603	1,360,445
P-406	062016	06/30/15	76	80	AF	X		6	34	22.5	619	1,361,063
P-407	062016	06/30/15	76	80	AF	X		6	31	22.5	490	1,361,553
P-408	065044	06/30/15	77	80	AF	X		6	59	22.5	1,183	1,362,736
P-409	065044	06/30/15	76	80	AF	X		6	26	22.5	485	1,363,221
P-410	065044	06/30/15	76	80	AF	X		6	23	22.5	436	1,363,657
P-411	065044	06/30/15	76	80	AF	X		6	43	22.5	932	1,364,589
P-412	064040	07/01/15	74	80	AF	X		6	243	22.5	5,275	1,369,864
P-413	064040	07/01/15	76	80	AF	X		6	122	22.5	2,668	1,372,532
P-414	066067	07/01/15	74	80	AF	X		6	93	22.5	1,706	1,374,238
P-415	066067	07/01/15	70	80	AF	X		6	163	22.5	3,591	1,377,829
P-416	064035	07/01/15	70	80	AF	X		6	79	22.5	1,780	1,379,610
P-417	066067	07/01/15	70	80	AF	X		6	35	22.5	676	1,380,286
P-418	066067	07/01/15	66	80	AF	X		6	66	22.5	1,422	1,381,708
P-419	066061	07/01/15	66	80	AF	X		6	63	22.5	636	1,382,344
P-420	066061	07/01/15	66	80	AF	X		6	63	22.5	754	1,383,098

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-421	085072	07/02/15	54	80	KS	X		6	25	22.5	156	1,383,253
P-422	066071	07/10/15	55	80	KS	X		6	64	22.5	1,487	1,384,740
P-423	066064	07/10/15	55	80	KS	X		6	64	22.5	1,403	1,386,143
P-424	066068	07/10/15	55	80	KS	X		6	63	22.5	1,365	1,387,508
P-425	072017	07/10/15	55	80	KS	X		6	62	22.5	1,429	1,388,936
P-426	066062	07/10/15	55	80	KS	X		6	60	22.5	1,354	1,390,291
P-427	062014	07/10/15	62	80	KS	X		6	61	20.5	1,182	1,391,472
P-428	062014	07/10/15	62	80	KS	X		6	78	22.5	1,789	1,393,261
P-429	062014	07/10/15	62	80	KS	X		6	113	22.5	2,435	1,395,696
P-430	062014	07/10/15	62	80	KS	X		6	119	22.5	2,699	1,398,395
P-431	066070	07/10/15	62	80	KS	X		6	43	20	932	1,399,327
P-432	063030	07/10/15	60	80	KS	X		6	174	22.5	3,755	1,403,082
P-433	065046	07/10/15	60	80	KS	X		6	21	22.5	452	1,403,534
P-434	072028	07/10/15	60	80	KS	X		6	75	22.5	1,825	1,405,360
P-435	072022	07/10/15	60	80	KS	X		6	74	22.5	1,741	1,407,100
P-436	072020	07/10/15	59	80	KS	X		6	72	22.5	1,667	1,408,767
P-437	072024	07/10/15	59	80	KS	X		6	75	22.5	1,734	1,410,501
P-438	066066	07/10/15	59	80	KS	X		6	57	22.5	1,380	1,411,881
P-439	065046	07/10/15	59	80	KS	X		6	23	22.5	510	1,412,391
P-440	075064	07/10/15	59	80	KS	X		6	76	22.5	1,340	1,413,731
P-441	075066	07/10/15	59	80	KS	X		6	41	21	1,051	1,414,782
P-442	074052	07/10/15	59	80	KS	X		6	14	22.5	316	1,415,098
P-443	062015	07/11/15	57	80	AF	X		6	191	22.5	4,271	1,419,369
P-444	063019	07/11/15	57	80	AF	X		6	191	22.5	4,083	1,423,452
P-445	063019	07/11/15	59	80	AF	X		6	190	22.5	3,970	1,427,422
P-446	063020	07/11/15	59	80	AF	X		6	187	22.5	3,973	1,431,395
P-447	063020	07/11/15	63	80	AF	X		6	186	22.5	4,017	1,435,412
P-448	062013	07/11/15	63	80	AF	X		6	191	22.5	4,084	1,439,496
P-449	062013	07/11/15	63	80	AF	X		6	194	22.5	4,102	1,443,598
P-450	062012	07/11/15	63	80	AF	X		6	191	22.5	4,057	1,447,655

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-451	062012	07/11/15	65	80	AF	X		6	182	22.5	3,968	1,451,623
P-452	075071	07/11/15	65	80	AF	X		6	81	22.5	1,922	1,453,545
P-453	066069	07/11/15	67	80	AF	X		6	64	22.5	1,475	1,455,021
P-454	074052	07/11/15	67	80	AF	X		6	45	22.5	1,008	1,456,029
P-455	072026	07/11/15	67	80	AF	X		6	77	22.5	1,762	1,457,791
P-456	072025	07/11/15	67	80	AF	X		6	69	22.5	1,597	1,459,388
P-457	077104	07/11/15	67	80	AF	X		6	127	22.5	2,843	1,462,230
P-458	074053	07/11/15	67	80	AF	X		6	80	22.5	1,815	1,464,046
P-459	066065	07/11/15	68	80	AF	X		6	80	18	1,512	1,465,558
P-460	072021	07/11/15	68	80	AF	X		6	71	20.75	1,690	1,467,247
P-461	074056	07/11/15	68	80	AF	X		6	66	13	905	1,468,153
P-462	065044	07/11/15	67	80	AF	X		6	97	22.5	2,336	1,470,489
P-463	074056	07/11/15	67	80	AF	X		6	15	4	47	1,470,536
P-464	074054	07/11/15	67	80	AF	X		6	82	16.5	1,224	1,471,760
P-465	074054	07/11/15	67	80	AF	X		6	19	7	119	1,471,878
P-466	075070	07/11/15	67	80	AF	X		6	29	13	350	1,472,229
P-467	075070	07/11/15	67	80	AF	X		6	53	16.5	935	1,473,164
P-468	075070	07/11/15	67	80	AF	X		6	14	10	85	1,473,250
P-469	063021	07/11/15	67	80	AF	X		6	177	22.5	3,971	1,477,221
P-470	063021	07/11/15	67	80	AF	X		6	184	22.5	4,167	1,481,387
P-471	062011	07/11/15	67	80	AF	X		6	198	22.5	4,375	1,485,763
P-472	062011	07/11/15	67	80	AF	X		6	172	22.5	3,716	1,489,478
P-473	074057	07/11/15	67	80	AF	X		6	20	22.5	417	1,489,895
P-474	065047	07/11/15	68	80	AF	X		6	181	22.5	3,930	1,493,825
P-475	065047	07/11/15	68	80	AF	X		6	19	13	199	1,494,024
P-476	062015	07/11/15	69	80	AF	X		6	172	22.5	3,649	1,497,673
P-477	074057	07/11/15	69	80	AF	X		6	6	23	111	1,497,784
P-478	063018	07/12/15	61	80	AF	X		6	163	22.5	3,626	1,501,410
P-479	063018	07/12/15	61	80	AF	X		6	158	22.5	3,431	1,504,841
P-480	074061	07/12/15	61	80	AF	X		6	152	22.5	3,159	1,508,000

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-481	063017	07/12/15	68	80	AF	X		6	88	22.5	1,915	1,509,915
P-482	063017	07/12/15	68	80	AF	X		6	70	22.5	1,495	1,511,409
P-483	063017	07/12/15	69	80	AF	X		6	50	22.5	1,039	1,512,448
P-484	063017	07/12/15	69	80	AF	X		6	28	22.5	587	1,513,035
P-485	063017	07/12/15	70	80	AF	X		6	106	22.5	2,292	1,515,327
P-486	065045	07/12/15	70	80	AF	X		6	126	22.5	2,686	1,518,014
P-487	065045	07/12/15	71	80	AF	X		6	11	22.5	207	1,518,220
P-488	065045	07/12/15	72	80	AF	X		6	145	22.5	3,046	1,521,266
P-489	065045	07/12/15	73	80	AF	X		6	78	22.5	1,672	1,522,938
P-490	062010	07/12/15	73	80	AF	X		6	84	22.5	1,756	1,524,693
P-491	062010	07/12/15	73	80	AF	X		6	179	22.5	3,863	1,528,557
P-492	062010	07/12/15	72	80	AF	X		6	92	22.5	2,045	1,530,602
P-493	064036	07/12/15	72	80	AF	X		6	102	22.5	2,187	1,532,788
P-494	064036	07/13/15	76	80	AF	X		6	217	22.5	4,577	1,537,365
P-495	064036	07/13/15	76	80	AF	X		6	37	22.5	816	1,538,181
P-496	075078	07/13/15	75	80	AF	X		6	195	22.5	4,174	1,542,355
P-497	075078	07/13/15	76	80	AF	X		6	183	22.5	3,913	1,546,268
P-498	075079	07/13/15	76	80	AF	X		6	59	22.5	1,327	1,547,595
P-499	075079	07/13/15	65	80	AF	X		6	244	22.5	5,242	1,552,837
P-500	076080	07/13/15	65	80	AF	X		6	244	22.5	5,456	1,558,293
P-501	071014	07/14/15	68	80	AF	X		6	255	22.5	5,489	1,563,782
P-502	071014	07/14/15	68	80	AF	X		6	269	22.5	5,747	1,569,529
P-503	076083	07/14/15	68	80	AF	X		6	279	22.5	6,086	1,575,614
P-504	075077	07/14/15	72	80	AF	X		6	280	22.5	6,005	1,581,620
P-505	076081	07/14/15	72	80	AF	X		6	277	22.5	6,037	1,587,657
P-506	076085	07/14/15	74	80	AF	X		6	281	22.5	6,180	1,593,836
P-507	076090	07/14/15	74	80	AF	X		6	289	22.5	6,318	1,600,154
P-508	076088	07/14/15	74	80	AF	X		6	303	22.5	5,479	1,605,634
P-509	076089	07/14/15	75	80	AF	X		6	321	22.5	6,600	1,612,234
P-510	076086	07/14/15	73	80	AF	X		6	95	18	1,608	1,613,842

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-511	076086	07/14/15	60	80	AF	X		6	54	22.5	1,306	1,615,148
P-512	076086	07/14/15	60	80	AF	X		6	19	3.5	79	1,615,227
P-513	076086	07/14/15	60	80	AF	X		6	26	7	172	1,615,399
P-514	071013	07/15/15	60	80	KS	X		6	321	22.5	6,931	1,622,330
P-515	076080	07/15/15	60	80	KS	X		6	125	22.5	2,698	1,625,028
P-516	071013	07/15/15	60	80	KS	X		6	59	22.5	1,274	1,626,301
P-517	076081	07/15/15	60	80	KS	X		6	101	22.5	2,208	1,628,510
P-518	071011	07/15/15	60	80	KS	X		6	40	22.5	825	1,629,335
P-519	071011	07/15/15	62	80	KS	X		6	327	22.5	7,193	1,636,528
P-520	071014	07/15/15	62	80	KS	X		6	104	22.5	2,275	1,638,803
P-521	076083	07/15/15	62	80	KS	X		6	107	22.5	2,332	1,641,135
P-522	076088	07/15/15	63	80	KS	X		6	78	22.5	1,730	1,642,865
P-523	071010	07/15/15	63	80	KS	X		6	49	22.5	1,016	1,643,881
P-524	071012	07/15/15	64	80	KS	X		6	346	22.5	7,667	1,651,549
P-525	075077	07/15/15	64	80	KS	X		6	94	22.5	2,050	1,653,598
P-526	076090	07/15/15	64	80	KS	X		6	88	22.5	1,885	1,655,483
P-527	075079	07/15/15	64	80	KS	X		6	49	22.5	1,043	1,656,525
P-528	071012	07/15/15	66	80	KS	X		6	27	22.5	578	1,657,103
P-529	071010	07/15/15	66	80	KS	X		6	98	22.5	2,066	1,659,169
P-530	076082	07/15/15	67	80	KS	X		6	363	22.5	7,578	1,666,747
P-531	071010	07/15/15	66	80	KS	X		6	219	22.5	3,089	1,669,835
P-532	076085	07/15/15	64	80	KS	X		6	91	22.5	2,032	1,671,868
P-533	076084	07/15/15	62	80	KS	X		6	55	22.5	1,153	1,673,020
P-534	071010	07/16/15	66	80	KS	X		6	90	22.5	1,802	1,674,822
P-535	074050	07/16/15	65	80	KS	X		6	375	22.5	8,126	1,682,948
P-536	071006	07/16/15	73	80	KS	X		6	381	22.5	8,265	1,691,213
P-537	071008	07/16/15	73	80	KS	X		6	382	22.5	8,289	1,699,502
P-538	071016	07/16/15	73	80	KS	X		6	370	22.5	7,906	1,707,409
P-539	064041	07/16/15	73	80	KS	X		6	5	22.5	108	1,707,516
P-540	085078	07/16/15	73	80	KS	X		6	14	22.5	334	1,707,850

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-541	063027	07/16/15	70	80	KS	X		6	16	22.5	348	1,708,199
P-542	077106	07/16/15	70	80	KS	X		6	5	22.5	103	1,708,302
P-543	071015	07/16/15	70	80	KS	X		6	376	22.5	8,246	1,716,548
P-544	071016	07/16/15	70	80	AF	X		6	11	22.5	230	1,716,778
P-545	072027	07/16/15	70	80	AF	X		6	30	22.5	763	1,717,542
P-546	085065	07/17/15	67	80	AF	X		6	358	22.5	7,920	1,725,462
P-547	072027	07/17/15	67	80	AF	X		6	38	22.5	825	1,726,287
P-548	085065	07/17/15	67	80	AF	X		6	19	22.5	405	1,726,691
P-549	071007	07/17/15	67	80	AF	X		6	34	22.5	655	1,727,346
P-550	067090	07/17/15	67	80	AF	X		6	278	22.5	6,202	1,733,548
P-551	067090	07/17/15	67	80	AF	X		6	102	22.5	2,016	1,735,564
P-552	067091	07/17/15	67	80	AF	X		6	57	22.5	1,206	1,736,770
P-553	071007	07/17/15	67	80	AF	X		6	343	22.5	7,528	1,744,298
P-554	076084	07/17/15	67	80	AF	X		6	82	22.5	1,612	1,745,910
P-555	067091	07/17/15	67	80	AF	X		6	318	22.5	7,049	1,752,958
P-556	087106	07/18/15	70	80	AF	X		6	382	22.5	8,375	1,761,333
P-557	074061	07/18/15	70	80	AF	X		6	14	22.5	300	1,761,633
P-558	067086	07/18/15	70	80	AF	X		6	378	22.5	8,229	1,769,861
P-559	063018	07/18/15	70	80	AF	X		6	13	22.5	284	1,770,145
P-560	067089	07/18/15	70	80	AF	X		6	378	22.5	8,141	1,778,286
P-561	063018	07/18/15	70	80	AF	X		6	7	22.5	154	1,778,439
P-562	067085	07/18/15	70	80	AF	X		6	381	22.5	8,247	1,786,687
P-563	074061	07/18/15	70	80	AF	X		6	10	22.5	213	1,786,900
P-564	063018	07/18/15	70	80	AF	X		6	14	22.5	304	1,787,204
P-565	074057	07/18/15	70	80	AF	X		6	38	22.5	916	1,788,119
P-566	076084	07/18/15	70	80	AF	X		6	239	22.5	5,132	1,793,252
P-567	071001	07/18/15	70	80	AF	X		6	78	22.5	1,696	1,794,948
P-568	071004	07/18/15	71	80	AF	X		6	375	22.5	8,156	1,803,104
P-569	071003	07/18/15	71	80	AF	X		6	376	22.5	8,241	1,811,345
P-570	071001	07/18/15	69	80	AF	X		6	5	22.5	117	1,811,462

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-571	074061	07/18/15	69	80	AF	X		6	12	5	51	1,811,512
P-572	073036	07/18/15	68	80	AF	X		6	369	22.5	8,137	1,819,650
P-573	073034	07/18/15	68	80	AF	X		6	367	22.5	8,037	1,827,687
P-574	071009	07/18/15	68	80	AF	X		6	368	22.5	8,042	1,835,729
P-575	071002	07/18/15	67	80	AF	X		6	367	22.5	8,014	1,843,743
P-576	071005	07/18/15	67	80	AF	X		6	365	22.5	8,121	1,851,863
P-577	067084	07/18/15	66	80	AF	X		6	367	22.5	8,196	1,860,059
P-578	067087	07/18/15	65	80	AF	X		6	369	22.5	8,171	1,868,230
P-579	087101	07/19/15	61	80	AF	X		6	379	22.5	8,242	1,876,472
P-580	073033	07/19/15	61	80	AF	X		6	380	22.5	8,346	1,884,817
P-581	071005	07/19/15	65	80	AF	X		6	12	3	39	1,884,856
P-582	087103	07/19/15	65	80	AF	X		6	381	22.5	8,289	1,893,146
P-583	073039	07/19/15	65	80	AF	X		6	381	22.5	8,376	1,901,521
P-584	071009	07/19/15	65	80	AF	X		6	10	22.5	228	1,901,749
P-585	067088	07/19/15	65	80	AF	X		6	375	22.5	8,277	1,910,026
P-586	071001	07/19/15	67	80	AF	X		6	23	22.5	551	1,910,578
P-587	073034	07/19/15	65	80	AF	X		6	10	3	44	1,910,622
P-588	073038	07/21/15	64	80	CS	X		6	138	22.5	2,977	1,913,599
P-589	073038	07/21/15	64	80	CS	X		6	126	22.5	2,673	1,916,272
P-590	073040	07/21/15	64	80	CS	X		6	108	22.5	2,305	1,918,577
P-591	073040	07/21/15	64	80	CS	X		6	94	22.5	1,941	1,920,518
P-592	073038	07/21/15	64	80	CS	X		6	84	22.5	1,706	1,922,224
P-593	073040	07/21/15	64	80	CS	X		6	70	22.5	1,525	1,923,749
P-594	073040	07/21/15	64	80	CS	X		6	62	22.5	488	1,924,238
P-595	064035	07/21/15	64	80	CS	X		6	59	22.5	1,202	1,925,440
P-596	064035	07/21/15	64	80	CS	X		6	54	22.5	1,090	1,926,530
P-597	064035	07/21/15	64	80	CS	X		6	48	22.5	967	1,927,497
P-598	064035	07/21/15	64	80	CS	X		6	42	22.5	852	1,928,349
P-599	064035	07/21/15	64	80	CS	X		6	36	22.5	684	1,929,033
P-600	073032	07/21/15	64	80	CS	X		6	28	22.5	536	1,929,570

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-601	073032	07/21/15	64	80	CS	X		6	20	22.5	395	1,929,965
P-602	064035	07/21/15	64	80	CS	X		6	11	11	116	1,930,081
P-603	067079	07/22/15	63	80	MT	X		6	339	22.5	7,514	1,937,595
P-604	066075	07/22/15	65	80	MT	X		6	380	22.5	8,382	1,945,977
P-605	067082	07/22/15	65	80	MT	X		6	339	22.5	7,600	1,953,577
P-606	067081	07/22/15	65	80	MT	X		6	373	22.5	8,186	1,961,763
P-607	073032	07/22/15	65	80	MT	X		6	64	22.5	1,419	1,963,182
P-608	067082	07/22/15	65	80	MT	X		6	36	22.5	830	1,964,013
P-609	073032	07/22/15	65	80	MT	X		6	75	22.5	1,687	1,965,700
P-610	067078	07/22/15	65	80	MT	X		6	268	22.5	5,958	1,971,657
P-611	067078	07/22/15	65	80	MT	X		6	38	22.5	847	1,972,504
P-612	073032	07/22/15	65	80	MT	X		6	111	22.5	2,485	1,974,990
P-613	073032	07/22/15	65	80	MT	X		6	115	22.5	2,526	1,977,516
P-614	072030	07/22/15	65	80	MT	X		6	178	22.5	3,451	1,980,967
P-615	067079	07/22/15	65	80	MT	X		6	27	22.5	638	1,981,605
P-616	072030	07/22/15	71	80	MT	X		6	179	22.5	4,196	1,985,801
P-617	067077	07/22/15	71	80	MT	X		6	173	22.5	3,743	1,989,544
P-618	067077	07/22/15	71	80	MT	X		6	28	22.5	579	1,990,123
P-619	067077	07/22/15	71	80	MT	X		6	77	22.5	2,807	1,992,929
P-620	072031	07/22/15	71	80	MT	X		6	89	22.5	3,004	1,995,933
P-621	072031	07/22/15	71	80	MT	X		6	29	13	213	1,996,145
P-622	072031	07/22/15	71	80	MT	X		6	108	22.5	2,384	1,998,529
P-623	072031	07/22/15	71	80	MT	X		6	83	22.5	1,862	2,000,391
P-624	072031	07/22/15	71	80	MT	X		6	57	22	569	2,000,961
P-625	072030	07/22/15	71	80	MT	X		6	6	22.5	147	2,001,107
P-626	072030	07/22/15	71	80	MT	X		6	5	2	14	2,001,121
P-627	067029	07/23/15	74	80	CS	X		6	223	22.5	4,993	2,006,113
P-628	067029	07/23/15	74	80	CS	X		6	56	11.25	676	2,006,789
P-629	067083	07/23/15	74	80	CS	X		6	252	22.5	5,632	2,012,421
P-630	072029	07/23/15	74	80	CS	X		6	105	22.5	2,436	2,014,857

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-631	067083	07/23/15	75	80	CS	X		6	132	22.5	2,846	2,017,703
P-632	071001	07/23/15	75	80	CS	X		6	92	22.5	2,072	2,019,776
P-633	073035	07/23/15	75	80	CS	X		6	347	22.5	7,793	2,027,569
P-634	073035	07/23/15	75	80	CS	X		6	38	22.5	723	2,028,292
P-635	073037	07/23/15	75	80	CS	X		6	307	22.5	6,581	2,034,873
P-636	065051	07/24/15	65	80	AF	X		6	342	22.5	7,627	2,042,500
P-637	067076	07/24/15	65	80	AF	X		6	376	22.5	8,272	2,050,772
P-638	065057	07/24/15	65	80	AF	X		6	381	22.5	8,283	2,059,055
P-639	065050	07/24/15	66	80	AF	X		6	381	22.5	8,275	2,067,330
P-640	065055	07/24/15	74	80	AF	X		6	383	22.5	8,227	2,075,557
P-641	065058	07/24/15	74	80	AF	X		6	386	22.5	8,263	2,083,820
P-642	065054	07/24/15	74	80	AF	X		6	12	12	292	2,084,112
P-643	065055	07/24/15	75	80	AF	X		6	15	5	67	2,084,178
P-644	065054	07/24/15	75	80	AF	X		6	344	22.5	7,316	2,091,494
P-645	065056	07/24/15	74	80	AF	X		6	339	22.5	7,352	2,098,846
P-646	066072	07/27/15	69	80	AF	X		6	338	22.5	7,304	2,106,151
P-647	067080	07/27/15	69	80	AF	X		6	338	22.5	7,045	2,113,196
P-648	066074	07/27/15	70	80	AF	X		6	344	22.5	7,473	2,120,670
P-649	066074	07/27/15	70	80	AF	X		6	32	22.5	656	2,121,326
P-650	066073	07/27/15	68	80	AF	X		6	328	22.5	7,063	2,128,389
P-651	087111	07/27/15	70	80	AF	X		6	371	22.5	8,284	2,136,673
P-652	087108	07/27/15	73	80	AF	X		6	381	22.5	8,449	2,145,121
P-653	065048	07/27/15	73	80	AF	X		6	382	22.5	8,264	2,153,385
P-654	084064	07/27/15	73	80	AF	X		6	384	22.5	8,358	2,161,744
P-655	065053	07/27/15	73	80	AF	X		6	381	22.5	8,844	2,170,588
P-656	087110	07/27/15	73	80	AF	X		6	282	22.5	6,066	2,176,654
P-657	087110	07/27/15	72	80	AF	X		6	92	22.5	1,836	2,178,490
P-658	065059	07/27/15	72	80	AF	X		6	279	22.5	6,057	2,184,546
P-659	065059	07/27/15	72	80	AF	X		6	92	22.5	1,880	2,186,426
P-660	065052	07/27/15	72	80	AF	X		6	360	22.5	7,762	2,194,188

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-661	065052	07/27/15	72	80	AF	X		6	15	11	102	2,194,290
P-662	087099	07/28/15	60	80	KS	X		6	384	22.5	8,154	2,202,444
P-663	087107	07/28/15	66	80	KS	X		6	220	22.5	4,521	2,206,965
P-664	087107	07/28/15	66	80	KS	X		6	16	22.5	294	2,207,259
P-665	086092	07/28/15	66	80	KS	X		6	33	22.5	662	2,207,922
P-666	087107	07/28/15	66	80	KS	X		6	141	22.5	3,018	2,210,939
P-667	086092	07/28/15	66	80	KS	X		6	159	22.5	3,411	2,214,351
P-668	086092	07/28/15	66	80	KS	X		6	16	22.5	303	2,214,654
P-669	086092	07/28/15	66	80	KS	X		6	112	22.5	2,335	2,216,989
P-670	087109	07/28/15	66	80	KS	X		6	98	22.5	2,062	2,219,051
P-671	087109	07/28/15	66	80	KS	X		6	17	22.5	342	2,219,392
P-672	086092	07/28/15	66	80	KS	X		6	49	22.5	983	2,220,376
P-673	087100	07/29/15	66	80	AF	X		6	282	22.5	6,182	2,226,558
P-674	087100	07/29/15	66	80	AF	X		6	22	22.5	501	2,227,059
P-675	087097	07/29/15	66	80	AF	X		6	132	22.5	2,895	2,229,954
P-676	087097	07/29/15	66	80	AF	X		6	113	22.5	2,482	2,232,436
P-677	087097	07/29/15	66	80	AF	X		6	9	22.5	191	2,232,627
P-678	087097	07/29/15	66	80	AF	X		6	109	22.5	2,361	2,234,987
P-679	087109	07/29/15	66	80	AF	X		6	94	22.5	2,046	2,237,033
P-680	087109	07/29/15	66	80	AF	X		6	8	22.5	164	2,237,197
P-681	087109	07/29/15	66	80	AF	X		6	65	22.5	1,375	2,238,573
P-682	087109	07/29/15	66	80	AF	X		6	46	22.5	1,005	2,239,577
P-683	087100	07/29/15	66	80	AF	X		6	12	22.5	247	2,239,824
P-684	087109	07/29/15	66	80	AF	X		6	24	22.5	559	2,240,383
P-685	087105	07/29/15	66	80	AF	X		6	134	22.5	2,587	2,242,971
P-686	087105	07/29/15	69	80	AF	X		6	169	22.5	3,313	2,246,284
P-687	087105	07/29/15	69	80	AF	X		6	8	22.5	187	2,246,471
P-688	087105	07/29/15	69	80	AF	X		6	91	22.5	2,101	2,248,572
P-689	094027	07/29/15	69	80	AF	X		6	66	22.5	1,426	2,249,998
P-690	094027	07/29/15	69	80	AF	X		6	177	22.5	3,915	2,253,913

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-691	094027	07/29/15	69	80	AF	X		6	120	22.5	2,607	2,256,520
P-692	087098	07/29/15	69	80	AF	X		6	68	22.5	1,457	2,257,977
P-693	087098	07/29/15	69	80	AF	X		6	182	22.5	3,902	2,261,879
P-694	087098	07/29/15	69	80	AF	X		6	125	22.5	2,736	2,264,614
P-695	087104	07/29/15	69	80	AF	X		6	53	22.5	1,083	2,265,697
P-696	087104	07/29/15	69	80	AF	X		6	172	22.5	3,710	2,269,407
P-697	087104	07/29/15	69	80	AF	X		6	142	22.5	3,122	2,272,530
P-698	065056	07/29/15	69	80	AF	X		6	21	22.5	411	2,272,941
P-699	086094	07/30/15	63	80	KS	X		6	35	22.5	726	2,273,666
P-700	086094	07/30/15	63	80	KS	X		6	37	22.5	830	2,274,496
P-701	086094	07/30/15	63	80	KS	X		6	41	22.5	924	2,275,420
P-702	086094	07/30/15	63	80	KS	X		6	46	22.5	987	2,276,407
P-703	086094	07/30/15	63	80	KS	X		6	52	22.5	1,068	2,277,475
P-704	086094	07/30/15	63	80	KS	X		6	53	22.5	1,123	2,278,598
P-705	086094	07/30/15	63	80	KS	X		6	53	22.5	1,135	2,279,733
P-706	086088	07/30/15	68	80	KS	X		6	54	22.5	1,204	2,280,937
P-707	086088	07/30/15	68	80	KS	X		6	56	22.5	1,267	2,282,205
P-708	086088	07/30/15	68	80	KS	X		6	61	22.5	1,343	2,283,548
P-709	086088	07/30/15	68	80	KS	X		6	47	16.5	1,222	2,284,770
P-710	086088	07/30/15	68	80	KS	X		6	16	12	198	2,284,968
P-711	086088	07/30/15	69	80	KS	X		6	78	22.5	1,719	2,286,687
P-712	086088	07/30/15	69	80	KS	X		6	23	22.5	492	2,287,178
P-713	086093	07/30/15	70	80	KS	X		6	65	22.5	1,539	2,288,717
P-714	073040	07/30/15	66	80	KS	X		6	30	18	562	2,289,279
P-715	086093	07/30/15	64	80	KS	X		6	30	19	560	2,289,839
P-716	086093	07/30/15	63	80	KS	X		6	39	22.5	1,284	2,291,123
P-717	086093	07/30/15	63	80	KS	X		6	55	22.5	779	2,291,903
P-718	086093	07/30/15	63	80	KS	X		6	13	18	255	2,292,158
P-719	086093	07/30/15	62	80	KS	X		6	30	22.5	746	2,292,904
P-720	086093	07/30/15	62	80	KS	X		6	18	22.5	427	2,293,331

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-721	086093	07/30/15	62	80	KS	X		6	15	11	125	2,293,455
P-722	086089	07/30/15	62	80	KS	X		6	195	22.5	4,709	2,298,165
P-723	083045	07/31/15	63	80	KS	X		6	285	22.5	6,415	2,304,580
P-724	065049	07/31/15	68	80	KS	X		6	299	22.5	6,854	2,311,433
P-725	084051	07/31/15	67	80	KS	X		6	293	22.5	5,952	2,317,385
P-726	086090	07/31/15	69	80	KS	X		6	292	22.5	6,620	2,324,005
P-727	086095	07/31/15	68	80	KS	X		6	286	22.5	5,962	2,329,966
P-728	086096	07/31/15	68	80	KS	X		6	286	22.5	6,205	2,336,171
P-729	086096	07/31/15	68	80	KS	X		6	93	22.5	2,239	2,338,410
P-730	086095	07/31/15	67	80	KS	X		6	94	22.5	2,157	2,340,566
P-731	084050	07/31/15	67	80	KS	X		6	104	22.5	2,295	2,342,861
P-732	083047	07/31/15	65	80	KS	X		6	224	22.5	4,535	2,347,396
P-733	083047	07/31/15	67	80	KS	X		6	73	22.5	1,418	2,348,815
P-734	083047	07/31/15	66	80	KS	X		6	74	22.5	1,608	2,350,423
P-735	086090	07/31/15	67	80	KS	X		6	80	22.5	1,810	2,352,233
P-736	083045	07/31/15	67	80	KS	X		6	63	22.5	1,342	2,353,575
P-737	084050	07/31/15	67	80	KS	X		6	72	22.5	1,489	2,355,064
P-738	083046	07/31/15	66	80	KS	X		6	220	22.5	4,744	2,359,808
P-739	083046	07/31/15	64	80	KS	X		6	74	22.5	1,434	2,361,242
P-740	083048	07/31/15	63	80	KS	X		6	215	22.5	4,726	2,365,968
P-741	083048	07/31/15	80	80	KS	X		6	71	22.5	1,330	2,367,297
P-742	084060	08/01/15	78	80	AF	X		6	311	22.5	6,714	2,374,011
P-743	084059	08/02/15	67	80	AF	X		6	322	22.5	7,100	2,381,112
P-744	084054	08/03/15	67	80	AF	X		6	326	22.5	6,912	2,388,024
P-745	084062	08/03/15	62	80	KS	X		6	347	22.5	6,988	2,395,012
P-746	086093	08/03/15	57	80	KS	X		6	33	22.5	655	2,395,666
P-747	084057	08/03/15	57	80	KS	X		6	36	22.5	785	2,396,451
P-748	084057	08/03/15	57	80	KS	X		6	36	22.5	706	2,397,157
P-749	084057	08/03/15	61	80	KS	X		6	90	22.5	1,842	2,398,999
P-750	084057	08/03/15	58	80	KS	X		6	122	22.5	2,417	2,401,417

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-751	084057	08/03/15	61	80	KS	X		6	77	22.5	1,753	2,403,169
P-752	084057	08/03/15	58	80	KS	X		6	14	22.5	258	2,403,427
P-753	084056	08/03/15	58	80	KS	X		6	62	22.5	1,016	2,404,443
P-754	084056	08/03/15	59	80	KS	X		6	175	22.5	3,617	2,408,060
P-755	084056	08/03/15	58	80	KS	X		6	145	22.5	3,329	2,411,388
P-756	084057	08/03/15	58	80	KS	X		6	12	16	239	2,411,627
P-757	084053	08/03/15	72	80	KS	X		6	43	22.5	908	2,412,536
P-758	084053	08/03/15	73	80	KS	X		6	171	22.5	3,909	2,416,445
P-759	084053	08/03/15	73	80	KS	X		6	55	21	1,091	2,417,536
P-760	084060	08/03/15	62	80	KS	X		6	65	22.5	1,422	2,418,958
P-761	084053	08/03/15	61	80	KS	X		6	146	22.5	2,043	2,421,001
P-762	084053	08/03/15	62	80	KS	X		6	15	22.5	565	2,421,566
P-763	083041	08/03/15	63	80	KS	X		6	171	22.5	3,528	2,425,094
P-764	083041	08/03/15	62	80	KS	X		6	54	22.5	1,026	2,426,120
P-765	084061	08/03/15	62	80	KS	X		6	217	22.5	4,830	2,430,950
P-766	083049	08/03/15	60	80	KS	X		6	223	22.5	4,910	2,435,860
P-767	084052	08/04/15	70	80	KS	X		6	53	22.5	1,129	2,436,990
P-768	084052	08/04/15	69	80	KS	X		6	9	6	60	2,437,049
P-769	084052	08/04/15	66	80	KS	X		6	64	22.5	1,421	2,438,471
P-770	084052	08/04/15	66	80	KS	X		6	72	22.5	1,555	2,440,025
P-771	084052	08/04/15	66	80	KS	X		6	75	22.5	1,672	2,441,697
P-772	084052	08/04/15	66	80	KS	X		6	73	22.5	1,628	2,443,325
P-773	084055	08/04/15	66	80	KS	X		6	6	22.5	122	2,443,446
P-774	084055	08/04/15	66	80	KS	X		6	79	22.5	1,741	2,445,187
P-775	084055	08/04/15	66	80	KS	X		6	85	22.5	1,459	2,446,646
P-776	084055	08/04/15	66	80	KS	X		6	19	11	185	2,446,831
P-777	084055	08/04/15	68	80	KS	X		6	81	22.5	1,758	2,448,589
P-778	084055	08/04/15	68	80	KS	X		6	82	22.5	1,777	2,450,366
P-779	084055	08/05/15	57	80	KS	X		6	20	22.5	453	2,450,819
P-780	083038	08/05/15	57	80	KS	X		6	66	22.5	1,433	2,452,252

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-781	083038	08/05/15	52	80	KS	X		6	95	22.5	2,123	2,454,376
P-782	083038	08/05/15	62	80	KS	X		6	108	22.5	2,397	2,456,773
P-783	083038	08/05/15	62	80	KS	X		6	73	22.5	1,613	2,458,386
P-784	082030	08/05/15	62	80	KS	X		6	46	22.5	1,025	2,459,411
P-785	082030	08/05/15	63	80	KS	X		6	131	22.5	2,910	2,462,321
P-786	082030	08/05/15	63	80	KS	X		6	146	22.5	3,182	2,465,503
P-787	082030	08/05/15	64	80	KS	X		6	19	22.5	405	2,465,908
P-788	083035	08/05/15	65	80	KS	X		6	142	22.5	3,102	2,469,010
P-789	083035	08/05/15	64	80	KS	X		6	169	22.5	3,786	2,472,796
P-790	083035	08/05/15	66	80	KS	X		6	60	22.5	1,331	2,474,127
P-791	082033	08/05/15	67	80	KS	X		6	112	22.5	2,552	2,476,679
P-792	082033	08/05/15	67	80	KS	X		6	177	22.5	3,992	2,480,671
P-793	082033	08/05/15	69	80	KS	X		6	71	22.5	1,567	2,482,238
P-794	082031	08/05/15	70	80	KS	X		6	114	22.5	2,533	2,484,770
P-795	082031	08/05/15	68	80	KS	X		6	189	22.5	4,179	2,488,950
P-796	082031	08/05/15	74	80	KS	X		6	62	22.5	1,356	2,490,306
P-797	082029	08/05/15	73	80	KS	X		6	132	22.5	2,879	2,493,185
P-798	082029	08/05/15	71	80	KS	X		6	199	22.5	4,398	2,497,584
P-799	082029	08/05/15	74	80	KS	X		6	35	22.5	770	2,498,354
P-800	083034	08/05/15	74	80	KS	X		6	175	22.5	3,850	2,502,204
P-801	083034	08/05/15	70	80	KS	X		6	193	22.5	4,180	2,506,384
P-802	081013	08/05/15	70	80	KS	X		6	29	22.5	627	2,507,012
P-803	081013	08/05/15	70	80	KS	X		6	169	22.5	3,742	2,510,753
P-804	081013	08/05/15	70	80	KS	X		6	56	22.5	1,137	2,511,890
P-805	081013	08/05/15	71	80	KS	X		6	106	22.5	2,437	2,514,327
P-806	083036	08/05/15	70	80	KS	X		6	130	20	2,892	2,517,219
P-807	081015	08/06/15	71	80	TB	X		6	239	22.5	5,220	2,522,439
P-808	084058	08/06/15	72	80	TB	X		6	247	22.5	5,330	2,527,770
P-809	231003	08/06/15	72	80	TB	X		6	222	22.5	4,818	2,532,588
P-810	084058	08/06/15	72	80	TB	X		6	181	22.5	3,167	2,535,755

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-811	231005	08/06/15	73	80	TB	X		6	54	22.5	1,138	2,536,893
P-812	231003	08/06/15	78	80	TB	X		6	85	22.5	1,868	2,538,761
P-813	231005	08/06/15	77	80	TB	X		6	87	22.5	1,937	2,540,698
P-814	231005	08/06/15	73	80	TB	X		6	145	22.5	3,240	2,543,938
P-815	231005	08/06/15	78	80	TB	X		6	122	22.5	2,677	2,546,615
P-816	231004	08/06/15	78	80	TB	X		6	98	22.5	2,162	2,548,777
P-817	231005	08/06/15	78	80	TB	X		6	72	22.5	1,570	2,550,347
P-818	231004	08/06/15	78	80	TB	X		6	24	22.5	368	2,550,715
P-819	231005	08/06/15	80	80	TB	X		6	22	22.5	468	2,551,182
P-820	081014	08/06/15	78	80	TB	X		6	14	17	74	2,551,256
P-821	081014	08/06/15	82	80	TB	X		6	342	22.5	7,687	2,558,943
P-822	083042	08/06/15	76	80	TB	X		6	334	22.5	7,388	2,566,331
P-823	083044	08/06/15	76	80	TB	X		6	330	22.5	7,070	2,573,401
P-824	083043	08/06/15	76	80	TB	X		6	321	22.5	6,980	2,580,381
P-825	082025	08/07/15	58	80	AF	X		6	256	22.5	5,701	2,586,081
P-826	082025	08/07/15	58	80	AF	X		6	115	22.5	2,543	2,588,624
P-827	081008	08/07/15	58	81	AF	X		6	155	22.5	3,462	2,592,086
P-828	083036	08/07/15	65	80	AF	X		6	65	22.5	1,425	2,593,512
P-829	081008	08/07/15	65	81	AF	X		6	218	22.5	4,825	2,598,337
P-830	082027	08/07/15	65	80	AF	X		6	294	22.5	6,385	2,604,722
P-831	082027	08/07/15	68	80	AF	X		6	84	22.5	1,834	2,606,556
P-832	081007	08/07/15	68	80	AF	X		6	221	22.5	4,829	2,611,385
P-833	082032	08/07/15	69	80	AF	X		6	312	22.5	6,742	2,618,127
P-834	082032	08/07/15	73	80	AF	X		6	66	22.5	1,457	2,619,584
P-835	083036	08/07/15	70	80	AF	X		6	174	22.5	3,864	2,623,448
P-836	081007	08/07/15	69	80	AF	X		6	81	22.5	1,816	2,625,264
P-837	081011	08/07/15	75	80	AF	X		6	335	22.5	7,365	2,632,628
P-838	081011	08/07/15	73	80	AF	X		6	40	22.5	805	2,633,434
P-839	081007	08/07/15	73	80	AF	X		6	70	22.5	1,392	2,634,826
P-840	082028	08/07/15	73	80	AF	X		6	237	22.5	5,153	2,639,979

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-841	083037	08/07/15	73	80	AF	X		6	367	22.5	7,648	2,647,627
P-842	083039	08/07/15	73	80	AF	X		6	382	22.5	8,197	2,655,825
P-843	081006	08/07/15	74	80	AF	X		6	385	22.5	8,601	2,664,425
P-844	083037	08/07/15	75	80	AF	X		6	7	17	124	2,664,550
P-845	081012	08/07/15	76	80	AF	X		6	268	22.5	5,912	2,670,462
P-846	081012	08/07/15	76	80	AF	X		6	103	22.5	2,323	2,672,785
P-847	081009	08/07/15	75	80	AF	X		6	370	22.5	8,265	2,681,049
P-848	082028	08/07/15	75	80	AF	X		6	34	22.5	803	2,681,852
P-849	082028	08/07/15	74	80	AF	X		6	34	22.5	746	2,682,598
P-850	246076	08/08/15	66	80	AF	X		6	310	22.5	6,786	2,689,384
P-851	246076	08/08/15	66	80	AF	X		6	69	22.5	1,488	2,690,872
P-852	081015	08/08/15	63	80	AF	X		6	136	22.5	3,002	2,693,874
P-853	246075	08/08/15	63	80	AF	X		6	104	22.5	2,265	2,696,139
P-854	246075	08/08/15	64	80	AF	X		6	274	22.5	5,960	2,702,099
P-855	083040	08/08/15	66	80	AF	X		6	33	22.5	699	2,702,798
P-856	083040	08/08/15	66	80	AF	X		6	314	22.5	6,599	2,709,397
P-857	083040	08/08/15	66	80	AF	X		6	38	22.5	828	2,710,224
P-858	083043	08/08/15	66	80	AF	X		6	73	22.5	1,360	2,711,584
P-859	231004	08/08/15	66	80	AF	X		6	182	22.5	4,008	2,715,592
P-860	084063	08/08/15	68	80	AF	X		6	22	22.5	481	2,716,074
P-861	084063	08/08/15	68	80	AF	X		6	304	22.5	6,600	2,722,673
P-862	084063	08/08/15	68	80	AF	X		6	54	22.5	1,126	2,723,799
P-863	083044	08/08/15	68	80	AF	X		6	43	22.5	955	2,724,755
P-864	084054	08/08/15	68	80	AF	X		6	56	22.5	1,228	2,725,983
P-865	083042	08/08/15	68	80	AF	X		6	45	22.5	974	2,726,957
P-866	084062	08/08/15	68	80	AF	X		6	46	22.5	1,000	2,727,957
P-867	247091	08/08/15	68	80	AF	X		6	60	22.5	1,288	2,729,245
P-868	246074	08/11/15	63	80	AF	X		6	306	22.5	6,654	2,735,899
P-869	252024	08/11/15	60	80	AF	X		6	308	22.5	6,684	2,742,584
P-870	252022	08/11/15	64	80	AF	X		6	316	22.5	6,728	2,749,312

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-871	245071	08/12/15	63	80	AF	X		6	226	22.5	4,985	2,754,296
P-872	245071	08/12/15	63	80	AF	X		6	75	22.5	1,610	2,755,906
P-873	245070	08/12/15	63	80	AF	X		6	299	22.5	6,588	2,762,493
P-874	247091	08/12/15	66	80	AF	X		6	299	22.5	6,589	2,769,083
P-875	084050	08/12/15	66	80	AF	X		6	197	22.5	4,380	2,773,462
P-876	083046	08/12/15	66	80	AF	X		6	78	22.5	1,729	2,775,192
P-877	252022	08/12/15	66	80	AF	X		6	27	22.5	550	2,775,741
P-878	231002	08/12/15	66	80	AF	X		6	307	22.5	6,792	2,782,533
P-879	231002	08/12/15	68	80	AF	X		6	66	22.5	1,459	2,783,992
P-880	084061	08/12/15	68	80	AF	X		6	164	22.5	3,758	2,787,749
P-881	083049	08/12/15	69	80	AF	X		6	82	22.5	1,879	2,789,628
P-882	252025	08/12/15	69	80	AF	X		6	234	22.5	5,241	2,794,869
P-883	252025	08/12/15	69	80	AF	X		6	75	22.5	1,641	2,796,510
P-884	242016	08/12/15	71	80	AF	X		6	307	22.5	6,769	2,803,279
P-885	241015	08/12/15	71	80	AF	X		6	232	22.5	5,085	2,808,364
P-886	241015	08/12/15	71	80	AF	X		6	76	22.5	1,694	2,810,058
P-887	246078	08/12/15	71	80	AF	X		6	309	22.5	6,700	2,816,758
P-888	246078	08/12/15	70	80	AF	X		6	71	22.5	1,533	2,818,291
P-889	083041	08/12/15	70	80	AF	X		6	147	22.5	3,165	2,821,456
P-890	252024	08/12/15	70	80	AF	X		6	73	22.5	1,574	2,823,030
P-891	243043	08/12/15	70	80	AF	X		6	26	22.5	505	2,823,535
P-892	243043	08/12/15	69	80	AF	X		6	316	22.5	6,920	2,830,454
P-893	242019	08/13/15	78	80	AF	X		6	371	22.5	8,155	2,838,609
P-894	242016	08/13/15	78	80	AF	X		6	371	22.5	8,308	2,846,917
P-895	241012	08/13/15	78	80	AF	X		6	368	22.5	8,400	2,855,317
P-896	242017	08/13/15	76	80	AF	X		6	365	22.5	8,190	2,863,507
P-897	081010	08/13/15	69	80	AF	X		6	48	22.5	1,066	2,864,574
P-898	081010	08/13/15	65	80	AF	X		6	61	22.5	1,309	2,865,883
P-899	081010	08/13/15	65	80	AF	X		6	60	22.5	1,653	2,867,536
P-900	081005	08/14/15	70	80	AF	X		6	379	22.5	8,227	2,875,763

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-901	081010	08/14/15	68	80	AF	X		6	84	22.5	1,847	2,877,610
P-902	081010	08/14/15	68	80	AF	X		6	94	22.5	2,036	2,879,647
P-903	252027	08/21/15	62	80	AF	X		6	110	22.5	2,477	2,882,124
P-904	252027	08/21/15	62	80	AF	X		6	36	22.5	642	2,882,766
P-905	252027	08/21/15	62	80	AF	X		6	156	22.5	3,429	2,886,195
P-906	252020	08/21/15	63	80	AF	X		6	152	22.5	3,299	2,889,494
P-907	252020	08/21/15	63	80	AF	X		6	150	22.5	3,214	2,892,708
P-908	253044	08/21/15	65	80	AF	X		6	146	22.5	3,206	2,895,914
P-909	253044	08/21/15	65	80	AF	X		6	144	22.5	3,134	2,899,047
P-910	254046	08/21/15	67	80	AF	X		6	143	22.5	3,031	2,902,078
P-911	254046	08/21/15	67	80	AF	X		6	136	22.5	2,885	2,904,963
P-912	254045	08/21/15	72	80	AF	X		6	126	22.5	2,694	2,907,657
P-913	254045	08/21/15	72	80	AF	X		6	119	22.5	2,572	2,910,229
P-914	082026	08/21/15	72	80	AF	X		6	113	22.5	2,456	2,912,685
P-915	082026	08/21/15	72	80	AF	X		6	107	22.5	2,324	2,915,009
P-916	254045	08/21/15	72	80	AF	X		6	102	22.5	2,183	2,917,192
P-917	082020	08/21/15	72	80	AF	X		6	97	22.5	2,065	2,919,257
P-918	082020	08/21/15	74	80	AF	X		6	92	22.5	1,978	2,921,235
P-919	082020	08/21/15	74	80	AF	X		6	86	22.5	1,810	2,923,045
P-920	082021	08/21/15	74	80	AF	X		6	81	22.5	1,731	2,924,775
P-921	082021	08/21/15	74	80	AF	X		6	77	22.5	1,657	2,926,432
P-922	254046	08/21/15	73	80	AF	X		6	73	22.5	1,499	2,927,931
P-923	082021	08/21/15	73	80	AF	X		6	68	22.5	1,369	2,929,300
P-924	252020	08/21/15	73	80	AF	X		6	63	22.5	1,292	2,930,592
P-925	082021	08/21/15	73	80	AF	X		6	60	22.5	1,208	2,931,800
P-926	082026	08/21/15	73	80	AF	X		6	56	22.5	1,129	2,932,929
P-927	082026	08/21/15	73	80	AF	X		6	50	22.5	1,016	2,933,944
P-928	082020	08/21/15	72	80	AF	X		6	45	22.5	876	2,934,820
P-929	252027	08/21/15	72	80	AF	X		6	35	22.5	769	2,935,589
P-930	082021	08/21/15	73	80	AF	X		6	34	22.5	665	2,936,254

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-931	086089	08/21/15	75	80	AF	X		6	30	14	257	2,936,511
P-932	082024	08/22/15	71	80	JR	X		6	334	22.5	7,041	2,943,552
P-933	081004	08/22/15	71	80	JR	X		6	323	22.5	7,152	2,950,704
P-934	082018	08/22/15	73	80	JR	X		6	313	22.5	6,973	2,957,677
P-935	081016	08/22/15	75	80	JR	X		6	306	22.5	6,745	2,964,422
P-936	081017	08/22/15	73	80	JR	X		6	296	22.5	6,639	2,971,060
P-937	082023	08/22/15	73	80	JR	X		6	288	22.5	6,410	2,977,470
P-938	082022	08/22/15	69	80	JR	X		6	280	22.5	6,095	2,983,565
P-939	254051	08/22/15	69	80	JR	X		6	268	22.5	5,986	2,989,551
P-940	252025	08/23/15	64	80	AF	X		6	260	22.5	5,760	2,995,312
P-941	082019	08/23/15	64	80	AF	X		6	255	22.5	5,604	3,000,915
P-942	082019	08/23/15	64	80	AF	X		6	127	22.5	2,738	3,003,653
P-943	242018	08/23/15	64	80	AF	X		6	123	22.5	2,745	3,006,398
P-944	242018	08/23/15	66	80	AF	X		6	245	22.5	5,475	3,011,873
P-945	242021	08/23/15	66	80	AF	X		6	243	22.5	5,368	3,017,241
P-946	242021	08/23/15	70	80	AF	X		6	135	22.5	2,931	3,020,172
P-947	241010	08/23/15	70	80	AF	X		6	109	22.5	2,429	3,022,601
P-948	241010	08/23/15	70	80	AF	X		6	243	22.5	5,376	3,027,976
P-949	241013	08/23/15	70	80	AF	X		6	241	22.5	5,391	3,033,367
P-950	241013	08/24/15	55	80	AF	X		6	135	22.5	2,904	3,036,272
P-951	242020	08/24/15	55	80	AF	X		6	110	22.5	2,443	3,038,714
P-952	242020	08/24/15	60	80	AF	X		6	246	22.5	5,371	3,044,086
P-953	254050	08/24/15	60	80	AF	X		6	243	22.5	5,342	3,049,428
P-954	254050	08/24/15	60	80	AF	X		6	134	22.5	2,942	3,052,370
P-955	244051	08/24/15	60	80	AF	X		6	108	22.5	2,389	3,054,759
P-956	244051	08/24/15	60	80	AF	X		6	242	22.5	5,382	3,060,141
P-957	244052	08/24/15	62	80	AF	X		6	242	22.5	5,382	3,065,524
P-958	244052	08/24/15	62	80	AF	X		6	133	22.5	2,933	3,068,457
P-959	241006	08/24/15	62	80	AF	X		6	110	22.5	2,455	3,070,912
P-960	241006	08/24/15	64	80	AF	X		6	183	22.5	4,143	3,075,055

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-961	241006	08/24/15	66	80	AF	X		6	61	22.5	1,169	3,076,224
P-962	241005	08/24/15	66	80	AF	X		6	247	22.5	5,473	3,081,697
P-963	245061	08/25/15	60	80	JR	X		6	244	22.5	5,298	3,086,995
P-964	245061	08/25/15	60	80	JR	X		6	128	22.5	2,799	3,089,794
P-965	241005	08/25/15	60	80	JR	X		6	116	22.5	2,568	3,092,362
P-966	245073	08/25/15	60	80	JR	X		6	245	22.5	5,453	3,097,815
P-967	245073	08/25/15	64	80	JR	X		6	131	22.5	2,814	3,100,630
P-968	246077	08/25/15	64	80	JR	X		6	115	22.5	2,565	3,103,194
P-969	246077	08/25/15	64	80	JR	X		6	252	22.5	5,482	3,108,676
P-970	245062	08/25/15	66	80	JR	X		6	266	22.5	5,870	3,114,546
P-971	245062	08/25/15	68	80	JR	X		6	14	20	112	3,114,658
P-972	245062	08/25/15	66	80	JR	X		6	97	22.5	2,239	3,116,897
P-973	245060	08/25/15	66	80	JR	X		6	162	22.5	3,672	3,120,569
P-974	245060	08/25/15	70	80	JR	X		6	208	22.5	4,654	3,125,223
P-975	245067	08/25/15	70	80	JR	X		6	42	22.5	928	3,126,151
P-976	245067	08/25/15	70	80	JR	X		6	221	22.5	5,364	3,131,515
P-977	245067	08/25/15	70	80	JR	X		6	89	22.5	1,974	3,133,489
P-978	244050	08/25/15	70	80	JR	X		6	138	22.5	3,078	3,136,567
P-979	245067	08/25/15	70	80	JR	X		6	12	22.5	135	3,136,702
P-980	244050	08/25/15	70	80	JR	X		6	209	22.5	4,669	3,141,371
P-981	241014	08/25/15	68	80	JR	X		6	204	22.5	4,508	3,145,879
P-982	241014	08/25/15	68	80	JR	X		6	162	22.5	3,628	3,149,508
P-983	244047	08/25/15	68	80	JR	X		6	36	22.5	631	3,150,139
P-984	243040	08/26/15	63	80	JR	X		6	244	22.5	3,867	3,154,006
P-985	243040	08/26/15	62	80	JR	X		6	129	22.5	2,869	3,156,875
P-986	243035	08/26/15	63	80	JR	X		6	111	22.5	2,413	3,159,289
P-987	243035	08/26/15	65	80	JR	X		6	168	22.5	3,649	3,162,938
P-988	243035	08/26/15	65	80	JR	X		6	49	19	950	3,163,888
P-989	243034	08/26/15	67	80	JR	X		6	216	22.5	4,800	3,168,688
P-990	243034	08/26/15	67	80	JR	X		6	160	22.5	3,525	3,172,213

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-991	243039	08/26/15	67	80	JR	X		6	43	22.5	904	3,173,118
P-992	243039	08/26/15	67	80	JR	X		6	188	22.5	4,168	3,177,286
P-993	243039	08/26/15	67	80	JR	X		6	137	22.5	3,078	3,180,364
P-994	245065	08/26/15	67	80	JR	X		6	37	22.5	784	3,181,148
P-995	245065	08/26/15	67	80	JR	X		6	161	22.5	3,553	3,184,702
P-996	245065	08/26/15	67	80	JR	X		6	149	22.5	3,205	3,187,906
P-997	245066	08/26/15	64	80	JR	X		6	137	22.5	3,089	3,190,995
P-998	245066	08/26/15	64	80	JR	X		6	125	22.5	2,780	3,193,775
P-999	245066	08/26/15	64	80	JR	X		6	113	22.5	2,441	3,196,217
P-1000	244045	08/26/15	65	80	JR	X		6	75	22.5	1,602	3,197,819
P-1001	244045	08/26/15	65	80	JR	X		6	21	15	316	3,198,134
P-1002	244045	08/26/15	65	80	JR	X		6	88	22.5	1,951	3,200,085
P-1003	244045	08/26/15	65	80	JR	X		6	37	23.75	1,081	3,201,166
P-1004	244045	08/26/15	65	80	JR	X		6	14	16	151	3,201,317
P-1005	245065	08/26/15	65	80	JR	X		6	16	13	185	3,201,502
P-1006	244045	08/27/15	57	80	JR	X		6	49	22.5	1,099	3,202,602
P-1007	244045	08/27/15	57	80	JR	X		6	34	22.5	793	3,203,394
P-1008	242022	08/27/15	57	80	JR	X		6	56	22.5	1,239	3,204,633
P-1009	242022	08/27/15	57	80	JR	X		6	132	22.5	2,991	3,207,624
P-1010	242022	08/27/15	58	80	JR	X		6	151	22.5	3,312	3,210,935
P-1011	245069	08/27/15	58	80	JR	X		6	24	22.5	514	3,211,449
P-1012	245069	08/27/15	56	80	JR	X		6	218	22.5	4,850	3,216,300
P-1013	245069	08/27/15	58	80	JR	X		6	133	22.5	2,984	3,219,284
P-1014	242022	08/27/15	55	80	JR	X		6	18	16	304	3,219,588
P-1015	244046	08/27/15	57	80	JR	X		6	116	22.5	2,679	3,222,267
P-1016	244046	08/27/15	58	80	JR	X		6	195	22.5	4,206	3,226,472
P-1017	244045	08/27/15	58	80	JR	X		6	19	22.5	433	3,226,906
P-1018	244046	08/27/15	65	80	JR	X		6	67	22.5	1,429	3,228,335
P-1019	245068	08/27/15	59	80	JR	X		6	291	22.5	6,414	3,234,749
P-1020	244058	08/27/15	57	80	JR	X		6	227	22.5	5,001	3,239,749

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-1021	244058	08/28/15	48	80	AF	X		6	75	22.5	1,468	3,241,218
P-1022	241008	08/28/15	51	80	AF	X		6	227	22.5	4,975	3,246,193
P-1023	241008	08/28/15	51	80	AF	X		6	72	22.5	1,450	3,247,643
P-1024	245063	08/28/15	52	80	AF	X		6	220	22.5	4,915	3,252,558
P-1025	245063	08/28/15	52	80	AF	X		6	68	22.5	1,329	3,253,887
P-1026	243042	08/28/15	66	80	AF	X		6	286	22.5	6,428	3,260,315
P-1027	243042	08/28/15	66	80	AF	X		6	80	22.5	1,763	3,262,078
P-1028	245063	08/28/15	66	80	AF	X		6	63	22.5	1,387	3,263,465
P-1029	241008	08/28/15	66	80	AF	X		6	75	22.5	1,626	3,265,091
P-1030	242023	08/28/15	66	80	AF	X		6	48	22.5	1,053	3,266,144
P-1031	242023	08/28/15	64	80	AF	X		6	243	22.5	5,465	3,271,609
P-1032	242023	08/28/15	64	80	AF	X		6	57	22.5	1,269	3,272,878
P-1033	243041	08/28/15	64	80	AF	X		6	160	22.5	3,577	3,276,455
P-1034	243041	08/31/15	58	80	TB	X		6	193	22.5	4,200	3,280,654
P-1035	244047	09/01/15	76	80	AF	X		6	178	22.5	3,933	3,284,587
P-1036	244047	09/01/15	70	80	AF	X		6	161	22.5	3,599	3,288,186
P-1037	253040	09/01/15	76	80	AF	X		6	141	22.5	3,169	3,291,356
P-1038	253040	09/01/15	76	80	AF	X		6	11	12	131	3,291,487
P-1039	253040	09/01/15	76	80	AF	X		6	134	22.5	2,970	3,294,457
P-1040	253040	09/01/15	77	80	AF	X		6	87	22.5	1,924	3,296,380
P-1041	236074	09/01/15	77	80	AF	X		6	34	22.5	750	3,297,130
P-1042	236074	09/01/15	77	80	AF	X		6	107	22.5	2,348	3,299,478
P-1043	236074	09/01/15	76	80	AF	X		6	91	22.5	2,032	3,301,511
P-1044	236074	09/01/15	76	80	AF	X		6	70	22.5	1,579	3,303,090
P-1045	236074	09/01/15	76	80	AF	X		6	12	15	178	3,303,268
P-1046	235067	09/01/15	66	80	AF	X		6	64	22.5	1,453	3,304,721
P-1047	235067	09/01/15	65	80	AF	X		6	52	22.5	1,158	3,305,879
P-1048	230674	09/01/15	76	80	AF	X		6	40	22.5	890	3,306,769
P-1049	235067	09/01/15	76	80	AF	X		6	21	22.5	444	3,307,212
P-1050	275067	09/01/15	76	80	AF	X		6	11	12	128	3,307,341

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-1051	236074	09/01/15	67	80	AF	X		6	10	17	128	3,307,468
P-1052	237090	09/01/15	69	80	AF	X		6	379	22.5	8,499	3,315,967
P-1053	237094	09/01/15	62	80	AF	X		6	379	22.5	8,146	3,324,113
P-1054	235067	09/01/15	62	80	AF	X		6	142	22.5	3,323	3,327,436
P-1055	237096	09/01/15	62	80	AF	X		6	150	22.5	3,298	3,330,734
P-1056	237096	09/02/15	68	80	AF	X		6	22	20	404	3,331,138
P-1057	237096	09/02/15	68	80	AF	X		6	67	22.5	1,478	3,332,616
P-1058	237096	09/02/15	68	80	AF	X		6	98	22.5	2,261	3,334,877
P-1059	236073	09/02/15	68	80	AF	X		6	18	22.5	234	3,335,112
P-1060	236073	09/02/15	68	80	AF	X		6	160	22.5	3,469	3,338,581
P-1061	236073	09/02/15	68	80	AF	X		6	174	18.5	3,861	3,342,442
P-1062	235061	09/02/15	72	80	AF	X		6	25	22.5	461	3,342,903
P-1063	235061	09/02/15	74	80	AF	X		6	246	22.5	5,477	3,348,380
P-1064	235060	09/02/15	72	80	AF	X		6	21	22.5	198	3,348,577
P-1065	235060	09/02/15	74	80	AF	X		6	196	22.5	4,369	3,352,946
P-1066	235060	09/02/15	74	80	AF	X		6	55	22.5	1,150	3,354,096
P-1067	235064	09/02/15	74	80	AF	X		6	172	22.5	3,811	3,357,907
P-1068	235064	09/02/15	69	80	AF	X		6	47	22.5	960	3,358,868
P-1069	235064	09/02/15	69	80	AF	X		6	137	22.5	2,507	3,361,375
P-1070	235061	09/02/15	69	80	AF	X		6	89	22.5	1,853	3,363,227
P-1071	236084	09/02/15	68	80	AF	X		6	239	22.5	5,175	3,368,403
P-1072	236086	09/03/15	65	80	AF	X		6	180	22.5	3,932	3,372,334
P-1073	236086	09/03/15	61	80	AF	X		6	53	22.5	1,076	3,373,410
P-1074	236084	09/03/15	65	80	AF	X		6	20	22.5	400	3,373,810
P-1075	236086	09/03/15	65	80	AF	X		6	135	22.5	2,947	3,376,757
P-1076	237098	09/03/15	65	80	AF	X		6	85	22.5	1,889	3,378,646
P-1077	237098	09/03/15	65	80	AF	X		6	251	22.5	5,512	3,384,158
P-1078	237098	09/03/15	65	80	AF	X		6	8	22.5	190	3,384,348
P-1079	237089	09/03/15	65	80	AF	X		6	256	22.5	5,724	3,390,072
P-1080	237089	09/03/15	66	80	AF	X		6	113	22.5	2,553	3,392,625

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-1081	236084	09/03/15	64	80	AF	X		6	110	22.5	2,419	3,395,044
P-1082	237095	09/03/15	66	80	AF	X		6	45	22.5	1,010	3,396,054
P-1083	237095	09/03/15	62	80	AF	X		6	264	22.5	5,719	3,401,773
P-1084	237088	09/09/15	54	80	TB	X		6	251	22.5	5,569	3,407,342
P-1085	237088	09/09/15	65	80	TB	X		6	120	22.5	2,626	3,409,968
P-1086	237097	09/09/15	61	80	TB	X		6	128	22.5	2,826	3,412,794
P-1087	237097	09/09/15	61	80	TB	X		6	247	22.5	5,383	3,418,178
P-1088	253042	09/09/15	65	80	TB	X		6	246	22.5	5,474	3,423,651
P-1089	253042	09/09/15	65	80	TB	X		6	115	22.5	2,915	3,426,566
P-1090	253035	09/09/15	65	80	TB	X		6	132	22.5	2,586	3,429,152
P-1091	253035	09/09/15	64	80	TB	X		6	248	22.5	5,502	3,434,654
P-1092	237093	09/09/15	64	80	TB	X		6	249	22.5	5,471	3,440,125
P-1093	237093	09/09/15	68	80	TB	X		6	116	22.5	2,865	3,442,990
P-1094	241004	09/09/15	68	80	TB	X		6	120	22.5	2,658	3,445,648
P-1095	241004	09/09/15	70	80	TB	X		6	249	22.5	5,503	3,451,151
P-1096	237100	09/10/15	60	80	TB	X		6	184	22.5	4,157	3,455,308
P-1097	237100	09/10/15	60	80	TB	X		6	61	22	1,129	3,456,437
P-1098	253036	09/10/15	63	80	TB	X		6	251	22.5	5,535	3,461,972
P-1099	253036	09/10/15	64	80	TB	X		6	129	22.5	2,809	3,464,781
P-1100	237100	09/10/15	63	80	TB	X		6	120	22.5	2,660	3,467,442
P-1101	254053	09/10/15	66	80	TB	X		6	250	22.5	5,540	3,472,981
P-1102	254053	09/10/15	66	80	TB	X		6	131	22.5	2,833	3,475,815
P-1103	237092	09/10/15	66	80	TB	X		6	121	22.5	2,645	3,478,459
P-1104	237092	09/10/15	68	80	TB	X		6	251	22.5	5,475	3,483,934
P-1105	241007	09/10/15	68	80	TB	X		6	250	22.5	5,548	3,489,483
P-1106	241007	09/10/15	68	80	TB	X		6	131	22.5	2,907	3,492,390
P-1107	223799	09/10/15	68	80	TB	X		6	120	22.5	2,657	3,495,047
P-1108	223799	09/10/15	68	80	TB	X		6	251	22.5	5,514	3,500,561
P-1109	241003	09/11/15	51	80	TB	X		6	196	22.5	4,071	3,504,632
P-1110	241003	09/11/15	51	80	TB	X		6	129	11	1,368	3,506,000

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-1111	236085	09/11/15	55	80	TB	X		6	249	22.5	5,600	3,511,600
P-1112	241003	09/11/15	51	80	TB	X		6	128	22.5	2,817	3,514,416
P-1113	236085	09/11/15	55	80	TB	X		6	123	22.5	2,710	3,517,127
P-1114	253039	09/11/15	55	80	TB	X		6	222	22.5	5,517	3,522,643
P-1115	253039	09/11/15	55	80	TB	X		6	130	22.5	2,887	3,525,530
P-1116	253031	09/11/15	55	80	TB	X		6	119	22.5	2,621	3,528,151
P-1117	253031	09/11/15	60	80	TB	X		6	250	22.5	5,503	3,533,654
P-1118	253038	09/11/15	60	80	TB	X		6	249	22.5	5,491	3,539,145
P-1119	253038	09/11/15	60	80	TB	X		6	131	22.5	2,784	3,541,929
P-1120	236087	09/11/15	60	80	TB	X		6	118	22.5	2,578	3,544,507
P-1121	236087	09/11/15	60	80	TB	X		6	249	22.5	5,500	3,550,007
P-1122	237091	09/11/15	57	80	TB	X		6	248	22.5	5,499	3,555,506
P-1123	243038	09/12/15	58	80	JR	X		6	181	22.5	4,110	3,559,616
P-1124	243038	09/12/15	60	80	JR	X		6	65	22.5	1,295	3,560,911
P-1125	243032	09/12/15	60	80	JR	X		6	249	22.5	5,529	3,566,440
P-1126	243032	09/12/15	60	80	JR	X		6	123	22.5	2,819	3,569,259
P-1127	243038	09/12/15	60	80	JR	X		6	125	22.5	2,707	3,571,966
P-1128	242025	09/12/15	60	80	JR	X		6	247	22.5	5,440	3,577,406
P-1129	242025	09/12/15	60	80	JR	X		6	130	22.5	2,887	3,580,293
P-1130	237091	09/12/15	60	80	JR	X		6	117	22.5	2,632	3,582,925
P-1131	242026	09/12/15	65	80	JR	X		6	247	22.5	5,412	3,588,337
P-1132	242026	09/12/15	65	80	JR	X		6	131	22.5	2,901	3,591,238
P-1133	253041	09/12/15	65	80	JR	X		6	116	22.5	2,619	3,593,856
P-1134	253041	09/12/15	65	80	JR	X		6	247	22.5	5,394	3,599,251
P-1135	254052	09/13/15	64	80	TB	X		6	387	22.5	8,501	3,607,752
P-1136	254048	09/13/15	64	80	TB	X		6	387	22.5	8,567	3,616,318
P-1137	252022	09/13/15	65	80	TB	X		6	33	22.5	709	3,617,027
P-1138	246074	09/13/15	65	80	TB	X		6	75	22.5	1,667	3,618,694
P-1139	242016	09/13/15	65	80	TB	X		6	35	22.5	627	3,619,321
P-1140	242016	09/13/15	65	80	TB	X		6	35	22.5	637	3,619,958

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER-LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-1141	065049	09/13/15	65	80	TB	X		6	72	22.5	1,513	3,621,471
P-1142	084051	09/13/15	65	80	TB	X		6	81	22.5	1,722	3,623,193
P-1143	241015	09/13/15	65	80	TB	X		6	60	22.5	1,256	3,624,449
P-1144	083048	09/13/15	65	80	TB	X		6	78	17	1,316	3,625,765
P-1145	241015	09/13/15	65	80	TB	X		6	15	7	81	3,625,846
P-1146	245071	09/13/15	65	80	TB	X		6	52	15	740	3,626,586
P-1147	254054	09/13/15	68	80	TB	X		6	387	22.5	8,653	3,635,240
P-1148	083048	09/13/15	68	80	TB	X		6	81	5	261	3,635,500
P-1149	245071	09/13/15	68	80	TB	X		6	17	13	293	3,635,793
P-1150	236080	09/13/15	68	80	TB	X		6	217	22.5	3,315	3,639,109
P-1151	236080	09/13/15	68	80	TB	X		6	164	22.5	3,646	3,642,755
P-1152	253043	09/13/15	68	80	TB	X		6	46	22.5	1,032	3,643,787
P-1153	253043	09/13/15	68	80	TB	X		6	20	21.5	409	3,644,196
P-1154	236080	09/13/15	70	80	TB	X		6	91	10	755	3,644,951
P-1155	253043	09/13/15	70	80	TB	X		6	319	22.5	6,981	3,651,932
P-1156	236080	09/13/15	70	80	TB	X		6	91	2	105	3,652,037
P-1157	245070	09/13/15	70	80	TB	X		6	100	5	245	3,652,283
P-1158	245070	09/13/15	70	80	TB	X		6	83	13	871	3,653,154
P-1159	083049	09/13/15	70	80	TB	X		6	61	20.5	1,200	3,654,354
P-1160	245072	09/13/15	70	80	TB	X		6	59	22.5	1,315	3,655,669
P-1161	243043	09/13/15	70	80	TB	X		6	23	22.5	426	3,656,095
P-1162	081014	09/13/15	70	80	TB	X		6	38	5	166	3,656,261
P-1163	081014	09/13/15	70	80	TB	X		6	31	12	376	3,656,637
P-1164	084059	09/13/15	70	80	TB	X		6	32	18	535	3,657,172
P-1165	243037	09/15/15	65	80	TB	X		6	248	22.5	5,415	3,662,587
P-1166	241001	09/16/15	64	80	TB	X		6	342	22.5	7,480	3,670,067
P-1167	241002	09/16/15	50	80	TB	X		6	345	22.5	7,612	3,677,679
P-1168	243044	09/16/15	52	80	TB	X		6	262	22.5	5,846	3,683,525
P-1169	243044	09/16/15	52	80	TB	X		6	89	22.5	1,903	3,685,428
P-1170	242027	09/16/15	55	80	TB	X		6	361	22.5	8,389	3,693,817

Note:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOY DATE	AMBIENT TEMP. (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERV.	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (inch)	LENGTH (feet)	WIDTH (feet)	AREA (by survey) (feet ²)	CUMULATIVE QUANTITY (feet ²)
P-1171	243031	09/16/15	55	80	TB	X		6	359	22.5	8,098	3,701,915
P-1172	236082	09/16/15	60	80	TB	X		6	360	22.5	8,049	3,709,964
P-1173	241009	09/16/15	60	80	TB	X		6	373	22.5	8,190	3,718,154
P-1174	242024	09/16/15	61	80	TB	X		6	377	22.5	8,256	3,726,410
P-1175	236081	09/16/15	61	80	TB	X		6	381	22.5	8,354	3,734,763
P-1176	243031	09/16/15	65	80	TB	X		6	7	19	139	3,734,903
P-1177	081014	09/16/15	65	80	TB	X		6	23	3	126	3,735,029
P-1178	244050	09/16/15	65	80	TB	X		6	23	9	147	3,735,176
P-1179	244050	09/16/15	65	80	TB	X		6	22	9	195	3,735,371

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Appendix J.2

80-mil LLDPE DSMS Geomembrane Fusion & Extrusion Trial Seam Summary

Fusion Welds

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
10/08/14	TF-1	2:12 PM	93	JR	63	850	11.0	135 133	SE1 SE1	130 139	SE1 SE1	165	BRK	PASS	DW	Textured on Textured
10/08/14	TF-2	2:05 PM	94	JD	63	850	10.0	155 160	SE1 SE1	147 133	SE1 SE1	178	BRK	PASS	DW	Smooth on Smooth
10/08/14	TF-3	2:10 PM	92	JT	63	850	10.5	161 164	SE1 SE1	172 163	SE1 SE1	174	BRK	PASS	DW	Smooth on Smooth
10/21/14	TF-4	10:30 AM	94	JD	52	850	10.0	174 143	SE1 SE1	157 150	SE1 SE1	187	BRK	PASS	AF	Smooth on Smooth
10/21/14	TF-5	10:25 AM	92	JT	52	850	12.0	171 167	SE1 SE1	154 162	SE1 SE1	186	BRK	PASS	AF	Smooth on Smooth
10/21/14	TF-6	10:35 AM	94	JD	52	850	10.0	158 135	SE1 SE1	146 128	SE1 SE1	174	BRK	PASS	AF	Textured on Textured
10/21/14	TF-7	10:40 AM	92	JT	52	850	12.0	157 168	SE1 SE1	155 156	SE1 SE1	185	BRK	PASS	AF	Textured on Textured
10/21/14	TF-8	1:20 PM	92	JT	60	850	12.5	140 148	SE1 SE1	144 137	SE1 SE1	165	BRK	PASS	AF	Smooth on Smooth
10/21/14	TF-9	1:30 PM	94	JD	60	850	10.0	130 139	SE1 SE1	119 126	SE1 SE1	141	BRK	PASS	AF	Textured on Textured
10/21/14	TF-10	1:30 PM	94	JD	60	850	10.0	141 137	SE1 SE1	143 131	SE1 SE1	151	BRK	PASS	AF	Smooth on Smooth
10/21/14	TF-11	1:25 PM	92	JT	60	850	12.5	147 145	SE1 SE1	149 128	SE1 SE1	166	BRK	PASS	AF	Textured on Textured
10/24/14	TF-12	7:55 AM	94	JD	50	850	10.0	180 169	SE1 SE1	179 179	SE1 SE1	220	BRK	PASS	AF	Textured on Textured
10/24/14	TF-13	8:00 AM	94	JD	50	850	10.0	162 172	SE1 SE1	171 177	SE1 SE1	206	BRK	PASS	AF	Smooth on Smooth
10/24/14	TF-14	8:05 AM	92	JT	50	850	10.0	179 183	SE1 SE1	170 181	SE1 SE1	208	BRK	PASS	AF	Smooth on Smooth
10/24/14	TF-15	8:10 AM	92	JT	50	850	10.0	178 184	SE1 SE1	165 158	SE1 SE1	194	BRK	PASS	AF	Textured on Textured
10/24/14	TF-16	12:55 PM	94	JD	65	850	10.0	129 137	SE1 SE1	129 121	SE1 SE1	130	BRK	PASS	AF	Textured on Smooth
10/24/14	TF-17	1:20 PM	92	JT	63	850	11.0	127 135	SE1 SE1	124 122	SE1 SE1	147	BRK	PASS	AF	Textured on Textured

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
10/24/14	TF-18	2:05 PM	92	JT	65	850	11.0	129 149	SE1 SE1	133 143	SE1 SE1	155	BRK	PASS	AF	Smooth on Smooth
10/25/14	TF-19	8:00 AM	94	JD	49	850	10.0	190 185	SE1 SE1	197 171	SE1 SE1	220	BRK	PASS	NA	Smooth on Smooth
10/25/14	TF-20	7:50 AM	92	JT	49	850	10.0	190 194	SE1 SE1	194 171	SE1 SE1	223	BRK	PASS	NA	Smooth on Smooth
10/25/14	TF-21	7:45 AM	94	JD	49	850	10.0	182 194	SE1 SE1	171 181	SE1 SE1	214	BRK	PASS	DW	Textured on Textured
10/25/14	TF-22	7:55 AM	92	JT	49	850	10.0	179 172	SE1 SE1	164 159	SE1 SE1	203	BRK	PASS	NA	Textured on Textured
10/25/14	TF-23	11:45 AM	92	JT	61	850	10.5	123 114	SE1 SE1	116 114	SE1 SE1	135	BRK	PASS	AF	Textured on Smooth
10/25/14	TF-24	1:10 PM	94	JD	63	850	10.0	133 142	SE1 SE1	132 132	SE1 SE1	151	BRK	PASS	AF	Smooth on Smooth
10/25/14	TF-25	1:15 PM	94	JD	63	850	10.0	122 140	SE1 SE1	128 133	SE1 SE1	140	BRK	PASS	AF	Textured on Textured
10/25/14	TF-26	1:18 PM	92	JR	63	850	11.0	130 143	SE1 SE1	120 128	SE1 SE1	155	BRK	PASS	AF	Smooth on Smooth
10/25/14	TF-27	1:36 PM	92	JR	63	850	11.0	127 122	SE1 SE1	127 124	SE1 SE1	132	BRK	PASS	AF	Textured on Textured
10/27/14	TF-28	10:35 AM	94	JD	44	850	10.0	152 158	SE1 SE1	145 147	SE1 SE1	175	BRK	PASS	AF	Smooth on Smooth
10/27/14	TF-29	10:30 AM	94	JD	44	850	10.0	154 164	SE1 SE1	139 149	SE1 SE1	170	BRK	PASS	AF	Textured on Textured
10/27/14	TF-30	11:05 AM	92	JT	46	850	10.0	150 157	SE1 SE1	141 150	SE1 SE1	161	BRK	PASS	AF	Textured on Textured
10/27/14	TF-31	11:10 AM	92	JT	46	850	10.0	138 148	SE1 SE1	141 140	SE1 SE1	151	BRK	PASS	AF	Smooth on Smooth
10/29/14	TF-32	8:40 AM	92	JT	38	850	10.0	179 186	SE1 SE1	191 169	SE1 SE1	213	BRK	PASS	NA	Smooth on Smooth
10/29/14	TF-33	8:50 AM	92	JT	38	850	10.0	182 187	SE1 SE1	191 158	SE1 SE1	206	BRK	PASS	NA	Textured on Textured
10/29/14	TF-34	8:45 AM	94	JD	38	850	10.0	193 184	SE1 SE1	187 156	SE1 SE1	207	BRK	PASS	NA	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
10/29/14	TF-35	8:50 AM	94	JD	38	850	10.0	183 196	SE1 SE1	186 158	SE1 SE1	192	BRK	PASS	NA	Textured on Textured
10/29/14	TF-36	1:22 PM	92	JR	51	850	10.0	149 139	SE1 SE1	141 135	SE1 SE1	157	BRK	PASS	NA	Textured on Textured
10/29/14	TF-37	1:12 PM	92	JR	51	850	10.0	154 167	SE1 SE1	128 149	SE1 SE1	178	BRK	PASS	NA	Smooth on Smooth
10/29/14	TF-38	1:35 PM	94	JD	51	850	10.0	143 135	SE1 SE1	139 138	SE1 SE1	162	BRK	PASS	NA	Textured on Textured
10/29/14	TF-39	1:30 PM	94	JD	51	850	10.0	149 141	SE1 SE1	149 143	SE1 SE1	171	BRK	PASS	NA	Smooth on Smooth
10/30/14	TF-40	8:55 AM	94	JD	36	850	10.0	158 190	SE1 SE1	167 169	SE1 SE1	231	BRK	PASS	AF	Smooth on Smooth
10/30/14	TF-41	9:10 AM	92	JT	37	850	10.0	174 163	SE1 SE1	167 146	SE1 SE1	191	BRK	PASS	AF	Textured on Textured
10/30/14	TF-42	9:00 AM	94	JD	38	850	10.0	198 190	SE1 SE1	194 202	SE1 SE1	217	BRK	PASS	AF	Textured on Textured
10/30/14	TF-43	9:05 AM	92	JT	38	850	10.0	176 174	SE1 SE1	183 205	SE1 SE1	204	BRK	PASS	AF	Smooth on Smooth
10/31/14	TF-44	8:45 AM	94	JD	35	850	10.0	165 155	SE1 SE1	178 172	SE1 SE1	207	BRK	PASS	DW	Smooth on Smooth
10/31/14	TF-45	8:45 AM	92	JT	35	850	10.0	206 185	SE1 SE1	185 178	SE1 SE1	232	BRK	PASS	DW	Smooth on Smooth
10/31/14	TF-46	8:45 AM	94	JD	35	850	10.0	232 231	SE1 SE1	181 179	SE1 SE1	218	BRK	PASS	DW	Textured on Textured
10/31/14	TF-47	8:50 AM	92	JT	35	850	10.0	195 191	SE1 SE1	192 176	SE1 SE1	215	BRK	PASS	DW	Textured on Textured
11/01/14	TF-48	8:50 AM	94	JD	47	850	10.0	148 153	SE1 SE1	154 163	SE1 SE1	178	BRK	PASS	DW	Smooth on Smooth
11/01/14	TF-49	8:55 AM	92	JT	47	850	10.0	163 150	SE1 SE1	154 157	SE1 SE1	207	BRK	PASS	DW	Textured on Textured
11/01/14	TF-50	8:50 AM	92	JT	47	850	10.0	176 180	SE1 SE1	181 183	SE1 SE1	196	BRK	PASS	DW	Smooth on Smooth
11/01/14	TF-51	8:55 AM	94	JD	47	850	10.0	160 166	SE1 SE1	174 177	SE1 SE1	190	BRK	PASS	DW	Textured on Textured

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
11/01/14	TF-52	1:25 PM	92	JT	50	850	9.0	168 173	SE1 SE1	164 181	SE1 SE1	207	BRK	PASS	DW	Smooth on Smooth
11/01/14	TF-53	1:25 AM	94	JD	50	850	10.0	177 179	SE1 SE1	187 178	SE1 SE1	210	BRK	PASS	DW	Smooth on Smooth
11/01/14	TF-54	1:30 PM	94	JD	55	850	10.0	182 171	SE1 SE1	193 160	SE1 SE1	169	BRK	PASS	DW	Textured on Textured
11/06/14	TF-55	8:10 AM	92	JT	37	850	8.0	157 155	SE1 SE1	159 161	SE1 SE1	207	BRK	PASS	BM	Smooth on Smooth
11/06/14	TF-56	9:20 AM	92	JT	42	850	8.0	173 169	SE1 SE1	162 173	SE1 SE1	207	BRK	PASS	BM	Textured on Textured
06/02/15	TF-57	2:10 PM	92	JR	65	850	11.0	119 126	SE1 SE1	118 129	SE1 SE1	146	BRK	PASS	BM	Smooth on Smooth
06/02/15	TF-58	2:10 PM	94	RR	65	850	11.0	145 130	SE1 SE1	135 146	SE1 SE1	146	BRK	PASS	BM	Textured on Textured
06/03/15	TF-59	8:25 AM	94	RR	53	850	12.0	122 125	SE1 SE1	121 122	SE1 SE1	150	BRK	PASS	PO	Textured on Textured
06/03/15	TF-60	9:35 AM	92	RR	56	850	13.0	120 126	SE1 SE1	125 124	SE1 SE1	151	BRK	PASS	PO	Textured on Textured
06/03/15	TF-61	11:51 AM	94	RR	61	850	14.0	140 137	SE1 SE1	122 128	SE1 SE1	142	BRK	PASS	PO	Textured on Textured
06/03/15	TF-62	1:30 PM	92	JR	68	850	15.0	134 139	SE1 SE1	131 131	SE1 SE1	148	BRK	PASS	PO	Textured on Textured
06/04/15	TF-63	8:40 AM	92	JR	62	850	11.0	139 141	SE1 SE1	107 120	SE1 SE1	161	BRK	PASS	AF	Textured on Textured
06/04/15	TF-64	8:43 AM	94	RR	63	854	11.0	137 131	SE1 SE1	136 138	SE1 SE1	162	BRK	PASS	PO	Textured on Textured
06/04/15	TF-65	12:54 PM	94	RR	70	851	11.0	126 123	SE1 SE1	95 -	SE1 SE1	-	-	FAIL	PO	Textured on Textured
06/04/15	TF-66	1:04 PM	92	JR	70	850	11.0	123 128	SE1 SE1	127 128	SE1 SE1	127	BRK	PASS	KS	Textured on Textured
06/04/15	TF-67	1:12 PM	94	RR	70	850	11.0	124 113	SE1 SE1	119 130	SE1 SE1	132	BRK	PASS	KS	Textured on Textured
06/06/15	TF-68	7:20 AM	92	JR	40	800	11.5	123 129	SE1 SE1	127 135	SE1 SE1	177	BRK	PASS	PO	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
06/06/15	TF-69	7:16 AM	94	RR	40	800	11.0	141 136	SE1 SE1	156 146	SE1 SE1	181	BRK	PASS	BM	Smooth on Smooth
06/06/15	TF-70	1:11 PM	94	RR	66	800	13.5	130 139	SE1 SE1	118 127	SE1 SE1	121	BRK	PASS	BM	Textured on Textured
06/06/15	TF-71	1:10 PM	92	JR	66	800	12.5	117 114	SE1 SE1	125 123	SE1 SE1	147	BRK	PASS	BM	Smooth on Smooth
06/06/15	TF-72	1:05 PM	94	RR	66	800	12.0	110 112	SE1 SE1	110 119	SE1 SE1	141	BRK	PASS	BM	Smooth on Smooth
06/07/15	TF-73	11:00 AM	92	JR	53	800	11.0	149 158	SE1 SE1	144 140	SE1 SE1	163	BRK	PASS	BM	Smooth on Smooth
06/07/15	TF-74	11:15 AM	94	RR	53	800	12.0	116 125	SE1 SE1	118 119	SE1 SE1	125	BRK	PASS	BM	Smooth on Smooth
06/08/15	TF-75	8:04 AM	92	JR	59	800	12.0	142 143	SE1 SE1	130 142	SE1 SE1	158	BRK	PASS	KS	Textured on Textured
06/08/15	TF-76	8:11 AM	94	RR	59	800	11.0	121 127	SE1 SE1	135 129	SE1 SE1	143	BRK	PASS	KS	Textured on Textured
06/09/15	TF-77	7:20 AM	92	JR	46	800	12.0	161 152	SE1 SE1	149 155	SE1 SE1	184	BRK	PASS	GA	Textured on Textured
06/09/15	TF-78	7:27 AM	94	RR	46	800	12.0	140 140	SE1 SE1	146 145	SE1 SE1	170	BRK	PASS	GA	Textured on Textured
06/09/15	TF-79	12:45 PM	94	RR	70	800	12.0	121 122	SE1 SE1	110 124	SE1 SE1	141	BRK	PASS	PO	Textured on Textured
06/09/15	TF-80	12:51 PM	92	JR	70	800	12.0	132 130	SE1 SE1	129 123	SE1 SE1	130	BRK	PASS	PO	Textured on Textured
06/10/15	TF-81	10:33 AM	94	RR	46	800	12.0	155 147	SE1 SE1	145 141	SE1 SE1	159	BRK	PASS	GA	Smooth on Smooth
06/10/15	TF-82	10:30 AM	92	JR	46	800	12.0	128 147	SE1 SE1	148 141	SE1 SE1	145	BRK	PASS	GA	Smooth on Smooth
06/11/15	TF-83	9:49 AM	92	JR	64	800	12.0	121 122	SE1 SE1	115 129	SE1 SE1	165	BRK	PASS	GA	Smooth on Smooth
06/11/15	TF-84	9:44 AM	94	RR	64	800	12.0	155 146	SE1 SE1	141 158	SE1 SE1	160	BRK	PASS	GA	Smooth on Smooth
06/11/15	TF-85	2:45 PM	92	JR	60	800	12.0	138 153	SE1 SE1	144 152	SE1 SE1	156	BRK	PASS	PO	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
06/17/15	TF-86	1:36 PM	94	RR	64	800	12.0	128 120	SE1 SE1	128 115	SE1 SE1	131	BRK	PASS	GA	Smooth on Smooth
06/17/15	TF-87	1:40 PM	92	JR	64	800	12.0	110 118	SE1 SE1	115 113	SE1 SE1	136	BRK	PASS	GA	Smooth on Smooth
06/17/15	TF-88	1:15 PM	92	JR	83	800	12.0	144 126	SE1 SE1	137 127	SE1 SE1	139	BRK	PASS	GA	Textured on Textured
06/17/15	TF-89	1:20 PM	94	RR	83	800	12.0	139 142	SE1 SE1	139 135	SE1 SE1	136	BRK	PASS	GA	Textured on Textured
06/18/15	TF-90	12:30 PM	94	RR	82	800	12.0	131 136	SE1 SE1	126 133	SE1 SE1	145	BRK	PASS	GA	Smooth on Smooth
06/18/15	TF-91	12:30 PM	92	JR	82	800	12.0	130 109	SE1 SE1	123 129	SE1 SE1	134	BRK	PASS	GA	Smooth on Smooth
06/18/15	TF-92	12:30 PM	92	JR	82	800	12.0	127 126	SE1 SE1	123 116	SE1 SE1	125	BRK	PASS	GA	Textured on Textured
06/18/15	TF-93	12:39 PM	94	RR	83	800	12.0	103 118	SE1 SE1	113 117	SE1 SE1	141	BRK	PASS	GA	Textured on Textured
06/19/15	TF-94	7:45 AM	92	JR	47	800	12.0	127 130	SE1 SE1	127 126	SE1 SE1	135	BRK	PASS	GA	Smooth on Smooth
06/19/15	TF-95	7:45 AM	92	JR	47	800	12.0	143 143	SE1 SE1	143 118	SE1 SE1	134	BRK	PASS	GA	Textured on Textured
06/19/15	TF-96	7:38 AM	94	RR	47	800	12.0	121 127	SE1 SE1	121 131	SE1 SE1	140	BRK	PASS	GA	Smooth on Smooth
06/19/15	TF-97	7:44 AM	94	RR	47	800	12.0	138 127	SE1 SE1	142 121	SE1 SE1	131	BRK	PASS	GA	Textured on Textured
06/19/15	TF-98	1:20 PM	92	JR	80	800	12.0	134 125	SE1 SE1	127 131	SE1 SE1	148	BRK	PASS	GA	Textured on Textured
06/19/15	TF-99	1:20 PM	92	JR	80	800	12.0	141 130	SE1 SE1	114 128	SE1 SE1	151	BRK	PASS	GA	Smooth on Smooth
06/19/15	TF-100	1:04 PM	94	RR	80	800	12.0	135 125	SE1 SE1	126 119	SE1 SE1	142	BRK	PASS	GA	Smooth on Smooth
06/19/15	TF-101	1:04 PM	94	RR	80	800	12.0	117 148	SE1 SE1	137 123	SE1 SE1	141	BRK	PASS	GA	Textured on Textured
06/20/15	TF-102	1:20 PM	94	RR	87	800	12.0	138 120	SE1 SE1	131 125	SE1 SE1	140	BRK	PASS	GA	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
06/21/15	TF-103	7:07 AM	92	JR	46	800	12.0	150 156	SE1 SE1	160 151	SE1 SE1	164	BRK	PASS	GA	Smooth on Smooth
06/21/15	TF-104	7:19 AM	94	RR	47	800	12.0	161 181	SE1 SE1	162 156	SE1 SE1	182	BRK	PASS	GA	Smooth on Smooth
06/21/15	TF-105	7:40 AM	92	JR	47	800	12.0	154 177	SE1 SE1	166 169	SE1 SE1	175	BRK	PASS	GA	Textured on Textured
06/21/15	TF-106	7:39 AM	94	RR	47	800	12.0	155 151	SE1 SE1	156 164	SE1 SE1	172	BRK	PASS	GA	Textured on Textured
06/21/15	TF-107	1:01 PM	94	RR	81	800	12.0	121 125	SE1 SE1	123 128	SE1 SE1	140	BRK	PASS	PO	Smooth on Textured
06/21/15	TF-108	1:02 PM	92	JR	81	800	12.0	110 111	SE1 SE1	110 111	SE1 SE1	136	BRK	PASS	PO	Textured on Textured
06/21/15	TF-109	1:12 PM	92	JR	81	800	12.0	119 120	SE1 SE1	114 119	SE1 SE1	129	BRK	PASS	PO	Smooth on Smooth
06/21/15	TF-110	12:55 PM	94	RR	81	800	12.0	112 116	SE1 SE1	116 114	SE1 SE1	126	BRK	PASS	PO	Smooth on Smooth
06/22/15	TF-111	11:15 AM	92	JR	75	800	12.0	135 122	SE1 SE1	134 126	SE1 SE1	144	BRK	PASS	PO	Textured on Textured
06/22/15	TF-112	11:12 AM	92	JR	75	800	12.0	117 128	SE1 SE1	124 119	SE1 SE1	134	BRK	PASS	PO	Smooth on Smooth
06/22/15	TF-113	11:01 AM	94	RR	75	800	12.0	131 122	SE1 SE1	123 132	SE1 SE1	145	BRK	PASS	PO	Smooth on Smooth
06/22/15	TF-114	11:05 AM	94	RR	75	800	12.0	136 131	SE1 SE1	129 124	SE1 SE1	132	BRK	PASS	PO	Textured on Textured
06/23/15	TF-115	7:40 AM	92	JR	72	800	12.0	134 141	SE1 SE1	132 134	SE1 SE1	130	BRK	PASS	AF	Smooth on Smooth
06/23/15	TF-116	7:45 AM	92	JR	72	800	12.0	135 143	SE1 SE1	134 138	SE1 SE1	146	BRK	PASS	AF	Textured on Textured
06/23/15	TF-117	7:35 AM	94	JR	73	800	12.0	137 140	SE1 SE1	129 125	SE1 SE1	133	BRK	PASS	AF	Smooth on Smooth
06/23/15	TF-118	7:40 AM	94	RR	73	800	12.0	135 136	SE1 SE1	126 129	SE1 SE1	135	BRK	PASS	AF	Textured on Textured
06/24/15	TF-119	7:00 AM	92	JR	52	800	12.0	146 150	SE1 SE1	149 143	SE1 SE1	159	BRK	PASS	GA	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
06/24/15	TF-120	6:59 AM	94	RR	58	800	12.0	150 162	SE1 SE1	151 149	SE1 SE1	175	BRK	PASS	GA	Smooth on Smooth
06/24/15	TF-121	1:20 PM	92	JR	83	800	12.0	118 118	SE1 SE1	174 119	SE1 SE1	142	BRK	PASS	PO	Smooth on Smooth
06/24/15	TF-122	1:23 PM	92	JR	83	800	12.0	140 118	SE1 SE1	141 132	SE1 SE1	140	BRK	PASS	PO	Smooth on Textured
06/24/15	TF-123	1:36 PM	94	RR	83	800	12.0	131 121	SE1 SE1	119 124	SE1 SE1	142	BRK	PASS	PO	Smooth on Smooth
06/24/15	TF-124	1:09 PM	94	RR	83	800	12.0	129 133	SE1 SE1	126 154	SE1 SE1	143	BRK	PASS	PO	Textured on Textured
06/25/15	TF-125	8:13 AM	92	JR	52	800	12.0	163 133	SE1 SE1	161 147	SE1 SE1	176	BRK	PASS	PO	Smooth on Smooth
06/25/15	TF-126	8:14 AM	92	JR	52	800	12.0	146 156	SE1 SE1	151 154	SE1 SE1	161	BRK	PASS	PO	Smooth on Textured
06/25/15	TF-127	8:19 AM	94	RR	52	800	12.0	144 161	SE1 SE1	155 160	SE1 SE1	164	BRK	PASS	PO	Smooth on Textured
06/25/15	TF-128	8:15 AM	94	RR	52	800	12.0	127 123	SE1 SE1	153 141	SE1 SE1	156	BRK	PASS	PO	Smooth on Smooth
06/25/15	TF-129	1:45 PM	92	JR	65	800	12.0	140 139	SE1 SE1	139 142	SE1 SE1	139	BRK	PASS	MT	Textured on Textured
06/26/15	TF-130	8:20 AM	92	JR	61	800	12.0	127 129	SE1 SE1	126 130	SE1 SE1	158	BRK	PASS	BM	Smooth on Smooth
06/26/15	TF-131	8:27 AM	92	JR	61	800	12.0	142 141	SE1 SE1	126 139	SE1 SE1	159	BRK	PASS	BM	Smooth on Textured
06/26/15	TF-132	8:18 AM	94	RR	61	800	12.0	127 128	SE1 SE1	130 132	SE1 SE1	151	BRK	PASS	BM	Smooth on Smooth
06/26/15	TF-133	8:23 AM	94	RR	61	800	12.0	115 115	SE1 SE1	133 123	SE1 SE1	139	BRK	PASS	BM	Smooth on Textured
06/26/15	TF-134	9:44 AM	94	RR	67	800	12.0	119 114	SE1 SE1	121 116	SE1 SE1	129	BRK	PASS	BM	Textured on Textured
06/26/15	TF-135	12:48 PM	94	RR	64	800	12.0	139 139	SE1 SE1	142 147	SE1 SE1	150	BRK	PASS	BM	Smooth on Smooth
06/26/15	TF-136	12:55 PM	92	JR	64	800	12.0	139 135	SE1 SE1	136 136	SE1 SE1	159	BRK	PASS	BM	Smooth on Smooth
06/27/15	TF-137	1:42 PM	92	JR	66	800	12.0	123 139	SE1 SE1	131 124	SE1 SE1	122	BRK	PASS	GA	Textured on Textured
06/27/15	TF-138	1:49 PM	92	JR	66	800	12.0	149 148	SE1 SE1	152 146	SE1 SE1	155	BRK	PASS	GA	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
06/27/15	TF-139	1:43 PM	94	RR	66	800	12.0	112 116	SE1 SE1	122 124	SE1 SE1	122	BRK	PASS	GA	Textured on Textured
06/27/15	TF-140	1:51 PM	94	RR	66	800	12.0	144 152	SE1 SE1	137 147	SE1 SE1	151	BRK	PASS	GA	Smooth on Smooth
06/28/15	TF-141	7:58 AM	92	JR	55	800	12.0	133 121	SE1 SE1	151 150	SE1 SE1	159	BRK	PASS	PO	Smooth on Smooth
06/28/15	TF-142	8:14 AM	92	JR	55	800	12.0	126 144	SE1 SE1	137 141	SE1 SE1	149	BRK	PASS	PO	Textured on Textured
06/28/15	TF-143	8:02 AM	94	RR	55	800	12.0	128 128	SE1 SE1	134 127	SE1 SE1	149	BRK	PASS	PO	Smooth on Smooth
06/28/15	TF-144	8:10 AM	94	RR	55	800	12.0	140 140	SE1 SE1	135 130	SE1 SE1	146	BRK	PASS	PO	Textured on Textured
06/29/15	TF-145	1:35 PM	92	JR	46	800	12.0	132 129	SE1 SE1	137 124	SE1 SE1	144	BRK	PASS	GA	Smooth on Smooth
06/29/15	TF-146	1:32 PM	94	RR	46	800	12.0	125 135	SE1 SE1	125 135	SE1 SE1	152	BRK	PASS	GA	Textured on Textured
06/29/15	TF-147	1:25 PM	94	RR	46	800	12.0	118 126	SE1 SE1	126 142	SE1 SE1	152	BRK	PASS	GA	Smooth on Smooth
06/29/15	TF-148	8:13 AM	94	RR	62	800	12.0	144 162	SE1 SE1	140 153	SE1 SE1	167	BRK	PASS	BM	Smooth on Smooth
06/29/15	TF-149	8:24 AM	94	RR	62	800	12.0	154 158	SE1 SE1	163 146	SE1 SE1	159	BRK	PASS	BM	Textured on Textured
06/29/15	TF-150	8:35 AM	92	JR	60	800	12.0	151 150	SE1 SE1	148 143	SE1 SE1	166	BRK	PASS	BM	Smooth on Smooth
06/30/15	TF-151	8:00 AM	94	RR	70	800	12.0	142 143	SE1 SE1	127 137	SE1 SE1	145	BRK	PASS	AF	Smooth on Smooth
06/30/15	TF-152	8:06 AM	94	RR	70	800	12.0	136 137	SE1 SE1	133 138	SE1 SE1	132	BRK	PASS	AF	Textured on Textured
06/30/15	TF-153	8:08 AM	92	JR	69	800	12.0	127 134	SE1 SE1	133 129	SE1 SE1	147	BRK	PASS	AF	Smooth on Smooth
06/30/15	TF-154	8:10 AM	92	JR	69	800	12.0	134 120	SE1 SE1	133 128	SE1 SE1	131	BRK	PASS	AF	Textured on Textured
06/30/15	TF-155	3:30 PM	92	JR	76	800	12.0	129 127	SE1 SE1	142 141	SE1 SE1	148	BRK	PASS	AF	Smooth on Textured
06/30/15	TF-156	3:30 PM	94	RR	76	800	12.0	136 136	SE1 SE1	120 145	SE1 SE1	149	BRK	PASS	AF	Smooth on Textured
06/30/15	TF-157	1:05 PM	92	JR	84	800	12.0	108 121	SE1 SE1	117 121	SE1 SE1	126	BRK	PASS	PO	Smooth on Smooth
06/30/15	TF-158	1:04 PM	94	RR	84	800	12.0	113 121	SE1 SE1	124 120	SE1 SE1	129	BRK	PASS	PO	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
06/30/15	TF-159	1:00 PM	94	RR	84	800	12.0	119 123	SE1 SE1	111 123	SE1 SE1	126	BRK	PASS	PO	Textured on Textured
07/01/15	TF-160	9:55 AM	94	RR	73	800	12.0	137 134	SE1 SE1	134 123	SE1 SE1	142	BRK	PASS	JR	Smooth on Smooth
07/01/15	TF-161	10:01 AM	92	JR	73	800	12.0	108 133	SE1 SE1	136 131	SE1 SE1	126	BRK	PASS	JR	Smooth on Smooth
07/01/15	TF-162	10:30 AM	94	RR	73	800	12.0	112 130	SE1 SE1	131 128	SE1 SE1	132	BRK	PASS	JR	Textured on Textured
07/10/15	TF-163	12:50 PM	92	JR	60	800	12.0	142 133	SE1 SE1	141 139	SE1 SE1	141	BRK	PASS	KS	Textured on Textured
07/10/15	TF-164	12:55 PM	92	JR	62	800	12.0	153 148	SE1 SE1	147 151	SE1 SE1	160	BRK	PASS	KS	Smooth on Textured
07/10/15	TF-165	12:55 PM	94	RR	62	800	12.0	125 148	SE1 SE1	151 157	SE1 SE1	160	BRK	PASS	KS	Smooth on Smooth
07/10/15	TF-166	1:00 PM	92	JR	62	800	12.0	152 155	SE1 SE1	143 152	SE1 SE1	161	BRK	PASS	KS	Smooth on Smooth
07/10/15	TF-167	12:57 PM	94	RR	62	800	12.0	127 126	SE1 SE1	142 139	SE1 SE1	141	BRK	PASS	KS	Textured on Textured
07/10/15	TF-168	1:35 PM	94	RR	64	800	12.0	152 143	SE1 SE1	117 143	SE1 SE1	152	BRK	PASS	KS	Smooth on Textured
07/11/15	TF-169	6:54 AM	92	JR	46	800	12.0	170 146	SE1 SE1	179 172	SE1 SE1	197	BRK	PASS	KS	Smooth on Smooth
07/11/15	TF-170	6:52 AM	94	RR	46	800	12.0	132 135	SE1 SE1	175 162	SE1 SE1	197	BRK	PASS	KS	Smooth on Smooth
07/11/15	TF-171	6:56 AM	94	RR	46	800	12.0	166 145	SE1 SE1	145 170	SE1 SE1	173	BRK	PASS	KS	Textured on Textured
07/11/15	TF-172	6:54 AM	92	JR	46	800	12.0	170 164	SE1 SE1	166 174	SE1 SE1	191	BRK	PASS	KS	Textured on Textured
07/11/15	TF-173	10:20 AM	92	JR	65	800	12.0	122 143	SE1 SE1	138 142	SE1 SE1	146	BRK	PASS	BM	Smooth on Textured
07/11/15	TF-174	1:00 PM	94	RR	62	800	12.0	152 145	SE1 SE1	138 133	SE1 SE1	153	BRK	PASS	KS	Smooth on Smooth
07/11/15	TF-175	1:03 PM	94	RR	62	800	12.0	132 123	SE1 SE1	105 114	SE1 SE1	140	BRK	PASS	KS	Textured on Textured
07/11/15	TF-176	1:15 PM	92	JR	62	800	12.0	130 133	SE1 SE1	149 149	SE1 SE1	147	BRK	PASS	KS	Smooth on Smooth
07/11/15	TF-177	1:18 PM	92	JR	62	800	12.0	129 145	SE1 SE1	128 138	SE1 SE1	145	BRK	PASS	KS	Textured on Textured
07/12/15	TF-178	8:56 AM	92	JR	60	800	12.0	135 148	SE1 SE1	141 150	SE1 SE1	163	BRK	PASS	JR	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
07/12/15	TF-179	9:00 AM	92	JR	60	800	12.0	141 143	SE1 SE1	150 122	SE1 SE1	161	BRK	PASS	JR	Textured on Textured
07/12/15	TF-180	8:58 AM	94	RR	62	800	12.0	140 142	SE1 SE1	141 148	SE1 SE1	175	BRK	PASS	JR	Smooth on Smooth
07/12/15	TF-181	9:00 AM	94	RR	62	800	12.0	144 157	SE1 SE1	136 137	SE1 SE1	167	BRK	PASS	JR	Textured on Textured
07/12/15	TF-182	1:51 PM	94	RR	67	800	12.0	136 129	SE1 SE1	134 125	SE1 SE1	131	BRK	PASS	JR	Smooth on Smooth
07/12/15	TF-183	2:00 PM	92	JR	67	800	12.0	139 134	SE1 SE1	146 143	SE1 SE1	137	BRK	PASS	JR	Smooth on Smooth
07/12/15	TF-184	3:32 PM	94	RR	70	800	12.0	118 127	SE1 SE1	120 107	SE1 SE1	131	BRK	PASS	RB	Textured on Textured
07/13/15	TF-185	10:23 AM	94	RR	76	800	12.0	136 131	SE1 SE1	128 125	SE1 SE1	134	BRK	PASS	AF	Smooth on Smooth
07/13/15	TF-186	10:27 AM	94	RR	76	800	12.0	131 132	SE1 SE1	127 127	SE1 SE1	138	BRK	PASS	AF	Textured on Textured
07/13/15	TF-187	10:40 AM	92	JR	76	800	12.0	133 115	SE1 SE1	123 118	SE1 SE1	128	BRK	PASS	BM	Smooth on Smooth
07/13/15	TF-188	10:45 AM	92	JR	76	800	12.0	127 128	SE1 SE1	133 131	SE1 SE1	134	BRK	PASS	BM	Smooth on Textured
07/13/15	TF-189	1:26 PM	94	RR	79	800	12.0	129 123	SE1 SE1	128 127	SE1 SE1	133	BRK	PASS	AF	Smooth on Smooth
07/13/15	TF-190	1:57 PM	94	RR	78	800	12.0	136 124	SE1 SE1	135 129	SE1 SE1	143	BRK	PASS	AF	Textured on Textured
07/14/15	TF-191	8:04 AM	92	JR	65	800	12.0	130 129	SE1 SE1	139 145	SE1 SE1	147	BRK	PASS	AF	Smooth on Smooth
07/14/15	TF-192	8:09 AM	92	JR	66	800	12.0	133 140	SE1 SE1	122 136	SE1 SE1	160	BRK	PASS	AF	Textured on Textured
07/14/15	TF-193	8:00 AM	94	RR	67	800	12.0	131 138	SE1 SE1	136 145	SE1 SE1	161	BRK	PASS	AF	Smooth on Smooth
07/14/15	TF-194	8:05 AM	94	RR	67	800	12.0	146 137	SE1 SE1	153 132	SE1 SE1	151	BRK	PASS	AF	Textured on Textured
07/15/15	TF-195	8:30 AM	92	JR	61	800	12.0	160 137	SE1 SE1	153 137	SE1 SE1	154	BRK	PASS	AF	Smooth on Smooth
07/15/15	TF-196	8:37 AM	92	JR	62	800	12.0	123 155	SE1 SE1	136 159	SE1 SE1	141	BRK	PASS	AF	Textured on Textured
07/15/15	TF-197	8:30 AM	94	RR	62	800	12.0	141 148	SE1 SE1	141 143	SE1 SE1	154	BRK	PASS	AF	Smooth on Smooth
07/15/15	TF-198	8:34 AM	94	RR	62	800	12.0	119 139	SE1 SE1	113 137	SE1 SE1	151	BRK	PASS	AF	Textured on Textured

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
07/15/15	TF-199	12:51 PM	94	RR	66	800	12.0	111 138	SE1 SE1	116 122	SE1 SE1	121	BRK	PASS	TB	Textured on Textured
07/15/15	TF-200	12:53 PM	94	RR	66	800	12.0	106 116	SE1 SE1	125 112	SE1 SE1	134	BRK	PASS	TB	Smooth on Textured
07/15/15	TF-201	1:02 PM	92	JR	66	800	12.0	116 141	SE1 SE1	137 115	SE1 SE1	137	BRK	PASS	TB	Smooth on Textured
07/15/15	TF-202	1:05 PM	92	JR	66	800	12.0	121 139	SE1 SE1	145 124	SE1 SE1	140	BRK	PASS	TB	Textured on Textured
07/16/15	TF-203	1:01 PM	94	RR	68	800	12.0	143 145	SE1 SE1	136 131	SE1 SE1	155	BRK	PASS	AF	Smooth on Smooth
07/16/15	TF-204	12:58 PM	94	RR	68	800	12.0	154 147	SE1 SE1	149 148	SE1 SE1	150	BRK	PASS	AF	Smooth on Textured
07/16/15	TF-205	3:00 PM	92	RR	73	800	12.0	126 139	SE1 SE1	129 138	SE1 SE1	152	BRK	PASS	AF	Smooth on Smooth
07/17/15	TF-206	8:30 AM	92	JR	64	800	12.0	125 126	SE1 SE1	127 141	SE1 SE1	172	BRK	PASS	AF	Smooth on Smooth
07/17/15	TF-207	8:35 AM	92	JR	64	800	12.0	131 130	SE1 SE1	142 124	SE1 SE1	129	BRK	PASS	AF	Textured on Textured
07/17/15	TF-208	9:03 AM	94	RR	66	800	12.0	106 109	SE1 SE1	120 114	SE1 SE1	135	BRK	PASS	AF	Smooth on Smooth
07/17/15	TF-209	9:01 AM	94	RR	67	800	12.0	129 150	SE1 SE1	128 127	SE1 SE1	149	BRK	PASS	AF	Textured on Textured
07/17/15	TF-210	12:00 PM	96	RR	70	800	12.0	134 130	SE1 SE1	130 127	SE1 SE1	136	BRK	PASS	KS	Smooth on Smooth
07/17/15	TF-211	12:05 PM	96	RR	70	800	12.0	124 121	SE1 SE1	136 128	SE1 SE1	137	BRK	PASS	KS	Textured on Textured
07/17/15	TF-212	11:15 AM	92	JR	69	800	12.0	132 135	SE1 SE1	132 136	SE1 SE1	143	BRK	PASS	AF	Smooth on Textured
07/17/15	TF-213	1:18 PM	92	JR	69	800	12.0	141 140	SE1 SE1	139 143	SE1 SE1	143	BRK	PASS	AF	Smooth on Smooth
07/17/15	TF-214	1:22 PM	92	JR	67	800	12.0	121 138	SE1 SE1	138 140	SE1 SE1	132	BRK	PASS	AF	Textured on Textured
07/18/15	TF-215	7:53 AM	96	RR	50	800	12.0	123 122	SE1 SE1	132 148	SE1 SE1	154	BRK	PASS	BM	Textured on Textured
07/18/15	TF-216	7:50 AM	96	RR	50	800	12.0	115 147	SE1 SE1	124 129	SE1 SE1	146	BRK	PASS	BM	Textured on Textured
07/18/15	TF-217	8:00 AM	92	JR	50	800	12.0	136 137	SE1 SE1	137 145	SE1 SE1	153	BRK	PASS	BM	Smooth on Smooth
07/18/15	TF-218	8:05 AM	92	JR	60	800	12.0	140 143	SE1 SE1	134 145	SE1 SE1	150	BRK	PASS	BM	Textured on Textured

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
07/18/15	TF-219	8:03 AM	96	RR	60	800	12.0	127 137	SE1 SE1	130 139	SE1 SE1	133	BRK	PASS	BM	Smooth on Textured
07/18/15	TF-220	1:12 PM	94	RR	75	800	12.0	125 144	SE1 SE1	139 123	SE1 SE1	143	BRK	PASS	AF	Smooth on Smooth
07/18/15	TF-221	1:17 PM	92	JR	75	800	12.0	149 151	SE1 SE1	143 137	SE1 SE1	160	BRK	PASS	AF	Smooth on Smooth
07/18/15	TF-222	1:09 PM	94	RR	74	800	12.0	137 155	SE1 SE1	136 141	SE1 SE1	150	BRK	PASS	AF	Textured on Textured
07/19/15	TF-223	8:12 AM	92	JR	60	800	12.0	157 154	SE1 SE1	143 145	SE1 SE1	166	BRK	PASS	TJB	Smooth on Smooth
07/19/15	TF-224	8:12 AM	92	JR	60	800	12.0	133 148	SE1 SE1	130 126	SE1 SE1	142	BRK	PASS	TJB	Textured on Textured
07/19/15	TF-225	8:11 AM	94	RR	60	800	12.0	113 137	SE1 SE1	139 145	SE1 SE1	168	BRK	PASS	TJB	Smooth on Smooth
07/19/15	TF-226	8:06 AM	94	RR	60	800	12.0	160 149	SE1 SE1	131 148	SE1 SE1	156	BRK	PASS	TJB	Textured on Textured
07/21/15	TF-227	12:30 PM	92	JR	54	800	12.0	152 133	SE1 SE1	156 141	SE1 SE1	168	BRK	PASS	BM	Smooth on Smooth
07/21/15	TF-228	12:35 PM	94	RR	54	800	12.0	123 116	SE1 SE1	117 141	SE1 SE1	164	BRK	PASS	BM	Smooth on Smooth
07/21/15	TF-229	12:50 PM	92	JR	54	800	12.0	117 115	SE1 SE1	130 126	SE1 SE1	134	BRK	PASS	BM	Smooth on Textured
07/22/15	TF-230	10:56AM	94	RR	61	800	12.0	130 152	SE1 SE1	148 149	SE1 SE1	162	BRK	PASS	KS	Smooth on Smooth
07/22/15	TF-231	10:58 AM	94	RR	61	800	12.0	156 137	SE1 SE1	159 164	SE1 SE1	152	BRK	PASS	KS	Textured on Textured
07/22/15	TF-232	11:00 AM	92	JR	61	800	12.0	154 131	SE1 SE1	141 140	SE1 SE1	157	BRK	PASS	KS	Smooth on Smooth
07/22/15	TF-233	11:05 AM	92	JR	61	800	12.0	148 161	SE1 SE1	146 161	SE1 SE1	138	BRK	PASS	KS	Textured on Textured
07/22/15	TF-234	3:30 PM	94	RR	70	800	12.0	117 120	SE1 SE1	121 132	SE1 SE1	143	BRK	PASS	MT	Smooth on Smooth
07/22/15	TF-235	3:35PM	92	JR	70	800	12.0	129 125	SE1 SE1	130 131	SE1 SE1	132	BRK	PASS	MT	Smooth on Smooth
07/23/15	TF-236	8:00 AM	92	JR	56	800	12.0	141 146	SE1 SE1	130 130	SE1 SE1	173	BRK	PASS	MT	Smooth on Smooth
07/23/15	TF-237	8:05 AM	92	JR	56	800	12.0	149 156	SE1 SE1	140 138	SE1 SE1	160	BRK	PASS	MT	Textured on Textured
07/23/15	TF-238	8:06 AM	94	RR	56	800	12.0	148 147	SE1 SE1	135 151	SE1 SE1	141	BRK	PASS	MT	Textured on Textured

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
07/23/15	TF-239	8:09 AM	94	RR	56	800	12.0	120 138	SE1 SE1	138 139	SE1 SE1	162	BRK	PASS	MT	Smooth on Smooth
07/23/15	TF-240	8:15 AM	94	RR	60	800	12.0	130 134	SE3 SE3	144 134	SE1 SE1	156	BRK	PASS	MT	Smooth on Textured
07/24/15	TF-241	10:00 AM	92	JR	64	800	12.0	123 122	SE1 SE1	143 132	SE1 SE1	147	BRK	PASS	AF	Smooth on Textured
07/24/15	TF-242	9:55 AM	94	RR	64	800	12.0	138 140	SE1 SE1	130 147	SE1 SE1	156	BRK	PASS	AF	Smooth on Smooth
07/24/15	TF-243	9:58 AM	92	JR	64	800	12.0	155 154	SE1 SE1	154 147	SE1 SE1	169	BRK	PASS	AF	Smooth on Smooth
07/24/15	TF-244	10:05 AM	92	JR	64	800	12.0	148 153	SE1 SE1	127 130	SE1 SE1	135	BRK	PASS	AF	Textured on Textured
07/24/15	TF-245	10:00 AM	94	RR	64	800	12.0	161 148	SE1 SE1	142 160	SE1 SE1	170	BRK	PASS	AF	Textured on Textured
07/27/15	TF-246	8:00 AM	92	JR	62	800	12.0	143 149	SE1 SE1	155 140	SE1 SE1	172	BRK	PASS	AF	Smooth on Smooth
07/27/15	TF-247	8:05 AM	92	JR	62	800	12.0	161 157	SE1 SE1	157 152	SE1 SE1	162	BRK	PASS	AF	Textured on Textured
07/27/15	TF-248	8:13 AM	94	RR	62	800	12.0	125 111	SE1 SE1	148 139	SE1 SE1	164	BRK	PASS	AF	Smooth on Smooth
07/27/15	TF-249	8:10 AM	94	RR	62	800	12.0	130 136	SE1 SE1	151 145	SE1 SE1	163	BRK	PASS	AF	Textured on Textured
07/27/15	TF-250	8:20 AM	94	RR	70	800	12.0	150 160	SE1 SE1	151 154	SE1 SE1	156	BRK	PASS	AF	Smooth on Textured
07/27/15	TF-251	1:03 PM	92	JR	70	800	12.0	111 119	SE1 SE1	130 130	SE1 SE1	132	BRK	PASS	AF	Smooth on Smooth
07/27/15	TF-252	1:06 PM	92	JR	70	800	12.0	116 130	SE1 SE1	135 132	SE1 SE1	126	BRK	PASS	AF	Textured on Textured
07/27/15	TF-253	1:12 PM	94	RR	70	800	12.0	118 118	SE1 SE1	115 117	SE1 SE1	121	BRK	PASS	AF	Smooth on Smooth
07/28/15	TF-254	8:00 AM	92	JR	60	800	12.0	153 137	SE1 SE1	142 158	SE1 SE1	162	BRK	PASS	AF	Smooth on Smooth
07/28/15	TF-255	8:10 AM	92	JR	60	800	12.0	125 149	SE1 SE1	134 144	SE1 SE1	150	BRK	PASS	AF	Textured on Textured
07/28/15	TF-256	8:00 AM	94	RR	61	800	12.0	34 138	SE1 SE1	140 159	SE1 SE1	157	BRK	PASS	AF	Smooth on Smooth
07/28/15	TF-257	7:58 AM	94	RR	61	800	12.0	115 113	SE1 SE1	131 151	SE1 SE1	142	BRK	PASS	AF	Textured on Textured
07/29/15	TF-258	7:59 AM	92	JR	65	800	12.0	135 117	SE1 SE1	146 147	SE1 SE1	173	BRK	PASS	AF	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
07/29/15	TF-259	8:03 AM	92	JR	66	800	12.0	127 153	SE1 SE1	131 129	SE1 SE1	166	BRK	PASS	AF	Textured on Textured
07/29/15	TF-260	8:05 AM	94	RR	66	800	12.0	124 134	SE1 SE1	139 135	SE1 SE1	169	BRK	PASS	AF	Smooth on Smooth
07/29/15	TF-261	8:04 AM	94	RR	66	800	12.0	147 152	SE1 SE1	152 153	SE1 SE1	152	BRK	PASS	AF	Textured on Textured
07/29/15	TF-262	8:44 AM	92	JR	66	800	12.0	116 110	SE1 SE1	121 121	SE1 SE1	143	BRK	PASS	AF	Smooth on Textured
07/29/15	TF-263	8:50 AM	94	RR	66	800	12.0	113 114	SE1 SE1	134 129	SE1 SE1	128	BRK	PASS	AF	Smooth on Textured
07/29/15	TF-264	1:06 PM	92	JR	69	800	12.0	122 141	SE1 SE1	124 134	SE1 SE1	141	BRK	PASS	AF	Textured on Textured
07/29/15	TF-265	1:07 PM	92	JR	69	800	12.0	137 126	SE1 SE1	148 148	SE1 SE1	137	BRK	PASS	AF	Smooth on Smooth
07/29/15	TF-266	1:11 PM	94	RR	69	800	12.0	122 145	SE1 SE1	133 136	SE1 SE1	145	BRK	PASS	AF	Smooth on Smooth
07/29/15	TF-267	1:07 PM	94	RR	69	800	12.0	115 119	SE1 SE1	115 116	SE1 SE1	125	BRK	PASS	AF	Textured on Textured
07/29/15	TF-268	1:04 PM	94	RR	70	800	12.0	130 122	SE1 SE1	111 114	SE1 SE1	138	BRK	PASS	AF	Smooth on Textured
07/29/15	TF-269	1:05 PM	92	JR	70	800	12.0	127 117	SE1 SE1	127 112	SE1 SE1	131	BRK	PASS	AF	Smooth on Textured
07/30/15	TF-270	8:43 AM	92	JR	59	800	12.0	128 122	SE1 SE1	129 139	SE1 SE1	143	BRK	PASS	KS	Smooth on Smooth
07/30/15	TF-271	8:46 AM	94	RR	58	800	12.0	121 129	SE1 SE1	137 119	SE1 SE1	151	BRK	PASS	KS	Smooth on Smooth
07/30/15	TF-272	10:04 AM	92	JR	68	800	12.0	131 133	SE1 SE1	147 137	SE1 SE1	141	BRK	PASS	BM	Smooth on Textured
07/30/15	TF-273	10:22 AM	94	RR	68	800	12.0	118 137	SE1 SE1	140 142	SE1 SE1	143	BRK	PASS	KS	Smooth on Textured
07/30/15	TF-274	11:08 AM	94	RR	69	800	12.0	125 130	SE1 SE1	108 126	SE1 SE1	123	BRK	PASS	AF	Textured on Textured
07/30/15	TF-275	2:39 PM	92	JR	68	800	12.0	130 120	SE1 SE1	136 136	SE1 SE1	151	BRK	PASS	AF	Smooth on Smooth
07/30/15	TF-276	2:46 PM	92	JR	69	800	12.0	126 145	SE1 SE1	128 128	SE1 SE1	150	BRK	PASS	AF	Textured on Textured
07/30/15	TF-277	2:51 PM	94	RR	68	800	12.0	142 145	SE1 SE1	130 147	SE1 SE1	151	BRK	PASS	AF	Smooth on Smooth
07/30/15	TF-278	3:53 PM	92	JR	67	800	12.0	134 134	SE1 SE1	130 135	SE1 SE1	156	BRK	PASS	AF	Smooth on Textured

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
07/30/15	TF-279	4:30 PM	94	RR	64	800	12.0	142 126	SE1 SE1	134 142	SE1 SE1	156	BRK	PASS	KS	Smooth on Textured
07/31/15	TF-280	8:00 AM	92	JR	67	800	12.0	132 129	SE1 SE1	136 138	SE1 SE1	162	BRK	PASS	AF	Smooth on Textured
07/31/15	TF-281	8:04 AM	92	JR	68	800	12.0	129 137	SE1 SE1	140 143	SE1 SE1	158	BRK	PASS	AF	Textured on Textured
07/31/15	TF-282	8:10 AM	92	JR	68	800	12.0	129 125	SE1 SE1	132 139	SE1 SE1	155	BRK	PASS	AF	Smooth on Textured
07/31/15	TF-283	8:09 AM	96	RR	68	800	12.0	127 117	SE1 SE1	135 137	SE1 SE1	145	BRK	PASS	AF	Smooth on Smooth
07/31/15	TF-284	8:07 AM	96	RR	68	800	12.0	134 134	SE1 SE1	129 141	SE1 SE1	142	BRK	PASS	AF	Textured on Textured
07/31/15	TF-285	1:03 PM	92	JR	67	800	12.0	129 137	SE1 SE1	132 127	SE1 SE1	148	BRK	PASS	AF	Smooth on Smooth
07/31/15	TF-286	1:09 PM	92	JR	67	800	12.0	124 121	SE1 SE1	123 128	SE1 SE1	130	BRK	PASS	AF	Textured on Textured
07/31/15	TF-287	1:05 PM	96	RR	67	800	12.0	140 140	SE1 SE1	133 135	SE1 SE1	134	BRK	PASS	AF	Smooth on Smooth
07/31/15	TF-288	1:08 PM	96	RR	67	800	12.0	148 141	SE1 SE1	131 138	SE1 SE1	143	BRK	PASS	AF	Textured on Textured
07/31/15	TF-289	1:14 PM	96	RR	67	800	12.0	128 135	SE1 SE1	118 139	SE1 SE1	130	BRK	PASS	AF	Smooth on Textured
08/01/15	TF-290	11:40 AM	92	JR	79	800	12.0	122 118	SE1 SE1	123 126	SE1 SE1	125	BRK	PASS	AF	Smooth on Smooth
08/01/15	TF-291	11:35 AM	92	JR	79	800	12.0	113 125	SE1 SE1	122 119	SE1 SE1	128	BRK	PASS	AF	Textured on Textured
08/01/15	TF-292	11:36 AM	96	RR	80	800	12.0	121 124	SE1 SE1	112 117	SE1 SE1	123	BRK	PASS	AF	Smooth on Smooth
08/01/15	TF-293	11:25 AM	96	RR	81	800	12.0	102 128	SE1 SE1	117 110	SE1 SE1	123	BRK	PASS	AF	Textured on Textured
08/01/15	TF-294	11:30 AM	96	RR	80	800	12.0	127 121	SE1 SE1	105 112	SE1 SE1	121	BRK	PASS	AF	Smooth on Textured
08/03/15	TF-295	8:33 AM	92	JR	57	800	12.0	167 157	SE1 SE1	150 169	SE1 SE1	178	BRK	PASS	TB	Smooth on Smooth
08/03/15	TF-296	8:34 AM	92	JR	57	800	12.0	151 144	SE1 SE1	178 160	SE1 SE1	146	BRK	PASS	TB	Textured on Textured
08/03/15	TF-297	8:35 AM	96	RR	57	800	12.0	159 150	SE1 SE1	160 159	SE1 SE1	168	BRK	PASS	TB	Smooth on Smooth
08/03/15	TF-298	8:43 AM	96	RR	57	800	12.0	153 139	SE1 SE1	139 145	SE1 SE1	159	BRK	PASS	TB	Smooth on Textured

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
08/03/15	TF-299	8:30 AM	96	RR	58	800	12.0	146 151	SE1 SE1	149 139	SE1 SE1	185	BRK	PASS	TB	Textured on Textured
08/03/15	TF-300	1:07 PM	96	RR	72	800	12.0	118 114	SE1 SE1	125 127	SE1 SE1	133	BRK	PASS	AF	Smooth on Smooth
08/03/15	TF-301	1:04 PM	96	RR	71	800	12.0	138 132	SE1 SE1	133 135	SE1 SE1	131	BRK	PASS	AF	Textured on Textured
08/03/15	TF-302	1:12 PM	96	RR	71	800	12.0	118 117	SE1 SE1	127 133	SE1 SE1	130	BRK	PASS	AF	Smooth on Textured
08/03/15	TF-303	1:39 PM	92	JR	72	800	12.0	104 129	SE1 SE1	119 110	SE1 SE1	121	BRK	PASS	AF	Smooth on Smooth
08/03/15	TF-304	1:38 PM	92	JR	72	800	12.0	132 122	SE1 SE1	127 136	SE1 SE1	135	BRK	PASS	AF	Textured on Textured
08/04/15	TF-305	2:13 PM	92	JR	70	835	12.0	135 140	SE1 SE1	137 144	SE1 SE1	147	BRK	PASS	AF	Smooth on Smooth
08/04/15	TF-306	2:09 PM	96	RR	70	800	12.0	138 135	SE1 SE1	139 146	SE1 SE1	157	BRK	PASS	AF	Smooth on Smooth
08/04/15	TF-307	2:30 PM	92	JR	69	835	12.0	144 137	SE1 SE1	125 126	SE1 SE1	135	BRK	PASS	AF	Textured on Textured
08/04/15	TF-308	3:10 PM	96	RR	69	800	12.0	119 114	SE1 SE1	130 127	SE1 SE1	121	BRK	PASS	AF	Textured on Textured
08/04/15	TF-309	4:15 PM	92	JR	68	835	12.0	120 125	SE1 SE1	124 122	SE1 SE1	144	BRK	PASS	AF	Smooth on Textured
08/05/15	TF-310	7:12 AM	92	JR	55	835	12.0	149 143	SE1 SE1	151 166	SE1 SE1	169	BRK	PASS	KS	Textured on Textured
08/05/15	TF-311	7:18 AM	92	JR	55	835	12.0	156 150	SE1 SE1	147 141	SE1 SE1	163	BRK	PASS	KS	Smooth on Smooth
08/05/15	TF-312	7:31 AM	96	RR	55	830	12.0	148 151	SE1 SE1	148 144	SE1 SE1	178	BRK	PASS	KS	Smooth on Smooth
08/05/15	TF-313	7:19 AM	96	RR	56	830	12.0	155 160	SE1 SE1	151 151	SE1 SE1	151	BRK	PASS	KS	Textured on Textured
08/05/15	TF-314	12:59 PM	96	RR	74	830	12.0	112 113	SE1 SE1	109 112	SE1 SE1	120	BRK	PASS	KS	Smooth on Smooth
08/05/15	TF-315	12:56 PM	96	RR	74	830	12.0	123 132	SE1 SE1	106 124	SE1 SE1	126	BRK	PASS	KS	Textured on Textured
08/06/15	TF-316	7:12 AM	92	JR	60	835	12.0	163 167	SE1 SE1	171 169	SE1 SE1	193	BRK	PASS	AF	Smooth on Smooth
08/06/15	TF-317	7:16 AM	92	JR	60	835	12.0	153 170	SE1 SE1	146 159	SE1 SE1	177	BRK	PASS	AF	Textured on Textured
08/06/15	TF-318	7:10 AM	96	RR	60	800	12.0	153 160	SE1 SE1	139 156	SE1 SE1	154	BRK	PASS	AF	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
08/06/15	TF-319	7:04 AM	96	RR	60	800	12.0	147 119	SE1 SE1	131 148	SE1 SE1	164	BRK	PASS	AF	Textured on Textured
08/06/15	TF-320	12:57 PM	96	RR	78	800	12.0	113 117	SE1 SE1	112 115	SE1 SE1	120	BRK	PASS	AF	Smooth on Smooth
08/06/15	TF-321	1:00 PM	96	RR	78	800	12.0	120 120	SE1 SE1	111 120	SE1 SE1	120	BRK	PASS	AF	Textured on Textured
08/06/15	TF-322	1:05 PM	92	JR	78	835	12.0	119 127	SE1 SE1	112 134	SE1 SE1	126	BRK	PASS	AF	Smooth on Smooth
08/06/15	TF-323	1:12 PM	92	JR	78	835	12.0	118 123	SE1 SE1	106 119	SE1 SE1	121	BRK	PASS	AF	Smooth on Textured
08/06/15	TF-324	1:07 PM	92	JR	78	835	12.0	133 126	SE1 SE1	113 117	SE1 SE1	122	BRK	PASS	AF	Textured on Textured
08/07/15	TF-325	7:20 AM	92	JR	56	835	12.0	135 157	SE1 SE1	156 166	SE1 SE1	166	BRK	PASS	BM	Textured on Textured
08/07/15	TF-326	7:25 AM	92	JR	56	835	12.0	168 170	SE1 SE1	170 172	SE1 SE1	195	BRK	PASS	BM	Smooth on Smooth
08/07/15	TF-327	7:22 AM	96	RR	56	800	12.0	142 153	SE1 SE1	153 146	SE1 SE1	163	BRK	PASS	BM	Smooth on Smooth
08/07/15	TF-328	7:53 AM	96	RR	56	800	12.0	140 154	SE1 SE1	144 169	SE1 SE1	146	BRK	PASS	BM	Textured on Textured
08/07/15	TF-329	5:25 PM	92	JR	76	835	12.0	113 121	SE1 SE1	124 121	SE1 SE1	121	BRK	PASS	BM	Smooth on Smooth
08/07/15	TF-330	1:30 PM	92	JR	76	935	12.0	122 110	SE1 SE1	117 139	SE1 SE1	132	BRK	PASS	BM	Textured on Textured
08/07/15	TF-331	1:30 PM	96	RR	76	800	12.0	132 128	SE1 SE1	140 130	SE1 SE1	142	BRK	PASS	BM	Smooth on Smooth
08/07/15	TF-332	1:36 PM	96	RR	76	800	12.0	137 122	SE1 SE1	132 138	SE1 SE1	122	BRK	PASS	BM	Textured on Textured
08/07/15	TF-333	3:07 PM	92	JR	76	835	12.0	104 117	SE1 SE1	101 120	SE1 SE1	128	BRK	PASS	BM	Smooth on Textured
08/08/15	TF-334	8:13 AM	92	JR	63	835	12.0	148 138	SE1 SE1	138 148	SE1 SE1	154	BRK	PASS	SW	Smooth on Smooth
08/08/15	TF-335	8:32 AM	96	RR	63	800	12.0	150 155	SE1 SE1	154 156	SE1 SE1	150	BRK	PASS	SW	Textured on Textured
08/08/15	TF-336	8:28 AM	96	RR	63	800	12.0	129 139	SE1 SE1	146 137	SE1 SE1	152	BRK	PASS	SW	Smooth on Smooth
08/08/15	TF-337	8:14 AM	92	JR	63	835	12.0	138 154	SE1 SE1	143 145	SE1 SE1	149	BRK	PASS	SW	Textured on Textured
08/11/15	TF-338	2:25 PM	92	JR	63	835	12.0	116 125	SE1 SE1	124 125	SE1 SE1	128	BRK	PASS	AF	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
08/11/15	TF-339	3:20 PM	96	JC	63	830	12.0	135 136	SE1 SE1	134 142	SE1 SE1	161	BRK	PASS	AF	Smooth on Smooth
08/12/15	TF-340	7:59 AM	92	JR	64	835	12.0	150 143	SE1 SE1	155 147	SE1 SE1	154	BRK	PASS	AF	Smooth on Smooth
08/12/15	TF-341	8:05 AM	92	JR	64	835	12.0	148 146	SE1 SE1	157 160	SE1 SE1	149	BRK	PASS	AF	Textured on Textured
08/12/15	TF-342	8:05 AM	96	RR	64	800	12.0	139 146	SE1 SE1	150 165	SE1 SE1	100	BRK	PASS	AF	Textured on Textured
08/12/15	TF-343	8:15 AM	96	RR	73	800	12.0	142 148	SE1 SE1	137 142	SE1 SE1	148	BRK	PASS	AF	Smooth on Textured
08/12/15	TF-344	8:10 AM	96	RR	73	800	12.0	135 141	SE1 SE1	147 151	SE1 SE1	162	BRK	PASS	AF	Smooth on Smooth
08/12/15	TF-345	12:57 PM	96	RR	73	800	12.0	120 135	SE1 SE1	130 130	SE1 SE1	132	BRK	PASS	AF	Smooth on Smooth
08/12/15	TF-346	12:50 PM	96	RR	73	800	12.0	138 140	SE1 SE1	111 125	SE1 SE1	139	BRK	PASS	AF	Textured on Textured
08/12/15	TF-347	1:02 PM	96	RR	73	800	12.0	122 138	SE1 SE1	137 125	SE1 SE1	131	BRK	PASS	AF	Smooth on Textured
08/12/15	TF-348	1:30 PM	92	JR	73	835	12.0	150 149	SE1 SE1	153 133	SE1 SE1	148	BRK	PASS	AF	Smooth on Textured
08/12/15	TF-349	1:27 PM	92	JR	73	835	12.0	132 118	SE1 SE1	140 120	SE1 SE1	132	BRK	PASS	AF	Textured on Textured
08/12/15	TF-350	1:25 PM	92	JR	73	835	12.0	126 144	SE1 SE1	120 145	SE1 SE1	140	BRK	PASS	AF	Smooth on Smooth
08/13/15	TF-351	3:34 PM	92	JR	78	835	12.0	126 142	SE1 SE1	130 140	SE1 SE1	135	BRK	PASS	AF	Smooth on Smooth
08/13/15	TF-352	3:16 PM	96	RA	78	800	12.0	121 118	SE1 SE1	118 119	SE1 SE1	125	BRK	PASS	AF	Smooth on Smooth
08/13/15	TF-353	3:30 PM	92	JR	78	835	12.0	127 137	SE1 SE1	121 132	SE1 SE1	125	BRK	PASS	AF	Textured on Textured
08/13/15	TF-354	3:31 PM	96	RR	79	800	12.0	115 114	SE1 SE1	103 119	SE1 SE1	121	BRK	PASS	AF	Textured on Textured
08/14/15	TF-355	11:47 AM	96	RR	70	800	12.0	133 149	SE1 SE1	136 156	SE1 SE1	150	BRK	PASS	AF	Smooth on Smooth
08/14/15	TF-356	11:55 AM	96	RR	70	800	12.0	146 148	SE1 SE1	147 143	SE1 SE1	147	BRK	PASS	AF	Rough on Rough
08/21/15	TF-357	8:45 AM	92	JR	62	835	12.0	127 125	SE1 SE1	135 134	SE1 SE1	144	BRK	PASS	AF	Smooth on Smooth
08/21/15	TF-358	8:42 AM	96	RR	62	800	12.0	124 119	SE1 SE1	127 133	SE1 SE1	130	BRK	PASS	AF	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
08/21/15	TF-359	8:55 AM	92	JR	62	835	12.0	113 107	SE1 SE1	129 128	SE1 SE1	171	BRK	PASS	AF	Smooth on Textured
08/21/15	TF-360	12:44 PM	96	TT	72	800	12.0	123 119	SE1 SE1	126 125	SE1 SE1	135	BRK	PASS	AF	Smooth on Smooth
08/21/15	TF-361	12:49 PM	92	JR	72	835	12.0	135 141	SE1 SE1	147 154	SE1 SE1	154	BRK	PASS	AF	Smooth on Smooth
08/22/15	TF-362	8:13 AM	96	RR	52	800	12.0	145 152	SE1 SE1	139 157	SE1 SE1	163	BRK	PASS	AF	Smooth on Smooth
08/22/15	TF-363	8:29 AM	92	JR	52	835	12.0	133 132	SE1 SE1	135 134	SE1 SE1	156	BRK	PASS	AF	Smooth on Smooth
08/22/15	TF-364	1:19 PM	96	RR	69	800	12.0	126 123	SE1 SE1	136 135	SE1 SE1	141	BRK	PASS	AF	Smooth on Smooth
08/23/15	TF-365	11:05 AM	92	JR	64	835	12.0	152 149	SE1 SE1	142 123	SE1 SE1	146	BRK	PASS	AF	Smooth on Smooth
08/23/15	TF-366	11:07 AM	96	RR	64	820	12.0	153 174	SE1 SE1	161 164	SE1 SE1	139	BRK	PASS	AF	Smooth on Smooth
08/23/15	TF-367	12:00 PM	92	JR	63	835	12.0	143 155	SE1 SE1	121 119	SE1 SE1	142	BRK	PASS	AF	Textured on Textured
08/23/15	TF-368	12:14 PM	96	RR	65	820	12.0	139 126	SE1 SE1	146 151	SE1 SE1	148	BRK	PASS	AF	Textured on Textured
08/24/15	TF-369	8:04 AM	92	JR	54	835	12.0	118 152	SE1 SE1	145 153	SE1 SE1	169	BRK	PASS	BM	Smooth on Smooth
08/24/15	TF-370	7:58 AM	96	RR	54	820	12.0	154 155	SE1 SE1	151 143	SE1 SE1	165	BRK	PASS	BM	Smooth on Smooth
08/24/15	TF-371	8:20 AM	96	RR	55	820	12.0	127 137	SE1 SE1	120 140	SE1 SE1	165	BRK	PASS	BM	Textured on Textured
08/24/15	TF-372	8:40 AM	92	JR	55	835	12.0	135 137	SE1 SE1	150 156	SE1 SE1	169	BRK	PASS	AF	Textured on Textured
08/24/15	TF-373	12:01 PM	96	RR	67	820	12.0	141 125	SE1 SE1	144 144	SE1 SE1	131	BRK	PASS	BM	Textured on Smooth
08/25/15	TF-374	7:58 AM	96	RR	60	830	12.0	142 151	SE1 SE1	164 164	SE1 SE1	171	BRK	PASS	AF	Smooth on Smooth
08/25/15	TF-375	8:02 AM	96	RR	60	830	12.0	170 183	SE1 SE1	169 150	SE1 SE1	164	BRK	PASS	AF	Textured on Textured
08/25/15	TF-376	8:02 AM	92	JR	60	835	12.0	145 164	SE1 SE1	148 164	SE1 SE1	174	BRK	PASS	AF	Smooth on Smooth
08/25/15	TF-377	8:10 AM	92	JR	61	835	12.0	136 140	SE1 SE1	159 165	SE1 SE1	168	BRK	PASS	AF	Textured on Textured
08/25/15	TF-378	12:47 PM	96	RR	75	830	12.0	149 156	SE1 SE1	154 166	SE1 SE1	171	BRK	PASS	BM	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
08/25/15	TF-379	12:53 PM	96	RR	75	830	12.0	142 150	SE1 SE1	143 137	SE1 SE1	143	BRK	PASS	BM	Textured on Textured
08/25/15	TF-380	1:03 PM	92	JR	75	835	12.0	125 128	SE1 SE1	126 130	SE1 SE1	146	BRK	PASS	BM	Smooth on Smooth
08/25/15	TF-381	1:10 PM	92	JR	75	835	12.0	139 130	SE1 SE1	127 136	SE1 SE1	133	BRK	PASS	BM	Textured on Textured
08/26/15	TF-382	9:11 AM	96	RR	59	830	12.0	129 126	SE1 SE1	125 124	SE1 SE1	135	BRK	PASS	BM	Smooth on Smooth
08/26/15	TF-383	9:16 AM	96	RR	59	830	12.0	121 141	SE1 SE1	138 130	SE1 SE1	130	BRK	PASS	BM	Textured on Textured
08/26/15	TF-384	9:17 AM	92	JR	59	835	12.0	124 138	SE1 SE1	137 135	SE1 SE1	131	BRK	PASS	BM	Textured on Textured
08/26/15	TF-385	10:44 AM	92	JR	59	835	12.0	118 125	SE1 SE1	119 134	SE1 SE1	140	BRK	PASS	BM	Smooth on Smooth
08/26/15	TF-386	12:55 PM	92	JR	68	835	12.0	121 121	SE1 SE1	124 131	SE1 SE1	137	BRK	PASS	JB	Smooth on Textured
08/26/15	TF-387	1:50 PM	92	JR	68	835	12.0	135 151	SE1 SE1	129 128	SE1 SE1	149	BRK	PASS	JB	Smooth on Smooth
08/26/15	TF-388	2:00 PM	96	RR	67	830	12.0	150 141	SE1 SE1	171 128	SE1 SE1	168	BRK	PASS	BM	Smooth on Smooth
08/27/15	TF-389	8:03 AM	92	JR	52	835	12.0	175 176	SE1 SE1	180 166	SE1 SE1	192	BRK	PASS	BM	Smooth on Smooth
08/27/15	TF-390	8:08 AM	92	JR	52	835	12.0	160 169	SE1 SE1	153 165	SE1 SE1	183	BRK	PASS	BM	Textured on Textured
08/27/15	TF-391	8:02 AM	94	RR	52	820	12.0	150 148	SE1 SE1	159 166	SE1 SE1	188	BRK	PASS	BM	Smooth on Smooth
08/27/15	TF-392	8:00 AM	94	RR	52	820	12.0	161 181	SE1 SE1	131 166	SE1 SE1	177	BRK	PASS	BM	Textured on Textured
08/27/15	TF-393	8:04 AM	94	RR	52	820	12.0	170 174	SE1 SE1	145 127	SE1 SE1	163	BRK	PASS	BM	Smooth on Textured
08/27/15	TF-394	1:05 PM	94	RR	65	830	12.0	142 145	SE1 SE1	121 145	SE1 SE1	157	BRK	PASS	AF	Smooth on Smooth
08/27/15	TF-395	1:06 PM	94	RR	65	830	12.0	122 132	SE1 SE1	120 132	SE1 SE1	150	BRK	PASS	AF	Textured on Textured
08/27/15	TF-396	1:14 PM	94	RR	65	830	12.0	124 141	SE1 SE1	135 118	SE1 SE1	137	BRK	PASS	AF	Smooth on Textured
08/27/15	TF-397	2:10 PM	96	JR	65	830	12.0	132 149	SE1 SE1	133 146	SE1 SE1	156	BRK	PASS	AF	Smooth on Smooth
08/27/15	TF-398	2:22 PM	96	JR	66	830	12.0	139 144	SE1 SE1	146 120	SE1 SE1	129	BRK	PASS	AF	Textured on Textured

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
08/27/15	TF-399	10:08 AM	96	JR	54	830	12.0	135 135	SE1 SE1	148 154	SE1 SE1	167	BRK	PASS	JB	Smooth on Smooth
08/27/15	TF-400	10:11 AM	96	JR	54	830	12.0	123 135	SE1 SE1	136 140	SE1 SE1	148	BRK	PASS	JB	Textured on Textured
08/28/15	TF-401	8:09 AM	92	JR	48	835	12.0	167 183	SE1 SE1	174 186	SE1 SE1	187	BRK	PASS	BM	Smooth on Smooth
08/28/15	TF-402	8:15 AM	92	JR	48	835	12.0	163 169	SE1 SE1	167 137	SE1 SE1	164	BRK	PASS	AF	Textured on Textured
08/28/15	TF-403	8:19 AM	94	RR	48	830	12.0	156 159	SE1 SE1	142 156	SE1 SE1	171	BRK	PASS	BM	Smooth on Textured
08/28/15	TF-404	8:14 AM	94	RR	48	830	12.0	168 163	SE1 SE1	152 170	SE1 SE1	183	BRK	PASS	BM	Smooth on Smooth
08/28/15	TF-405	8:12 AM	94	RR	48	830	12.0	147 152	SE1 SE1	164 159	SE1 SE1	167	BRK	PASS	BM	Textured on Textured
08/28/15	TF-406	9:36 AM	92	JR	53	835	12.0	139 132	SE1 SE1	144 156	SE1 SE1	162	BRK	PASS	JR	Smooth on Textured
08/28/15	TF-407	1:55 PM	94	RR	66	830	12.0	152 156	SE1 SE1	131 154	SE1 SE1	166	BRK	PASS	AF	Smooth on Smooth
08/28/15	TF-408	1:59 PM	94	RR	66	830	12.0	159 158	SE1 SE1	138 152	SE1 SE1	171	BRK	PASS	AF	Textured on Textured
08/31/15	TF-409	9:38 AM	96	RR	57	830	12.0	130 131	SE1 SE1	140 142	SE1 SE1	156	BRK	PASS	JB	Smooth on Smooth
09/01/15	TF-410	12:26 PM	94	RR	76	830	12.0	143 153	SE1 SE1	130 150	SE1 SE1	157	BRK	PASS	BM	Smooth on Smooth
09/01/15	TF-411	12:41 PM	94	RR	76	830	12.0	126 131	SE1 SE1	140 151	SE1 SE1	163	BRK	PASS	BM	Textured on Textured
09/01/15	TF-412	1:35 PM	92	JR	75	835	12.0	136 126	SE1 SE1	135 137	SE1 SE1	143	BRK	PASS	AF	Smooth on Smooth
09/01/15	TF-413	1:39 PM	92	JR	77	835	12.0	124 145	SE1 SE1	135 139	SE1 SE1	129	BRK	PASS	AF	Textured on Textured
09/01/15	TF-414	3:42 PM	92	JR	75	835	12.0	121 130	SE1 SE1	129 134	SE1 SE1	149	BRK	PASS	AF	Textured on Textured
09/02/15	TF-415	11:58 AM	94	RR	70	830	12.0	123 127	SE1 SE1	126 116	SE1 SE1	135	BRK	PASS	AF	Smooth on Smooth
09/02/15	TF-416	12:05 PM	94	RR	70	830	12.0	120 126	SE1 SE1	118 122	SE1 SE1	134	BRK	PASS	AF	Textured on Textured
09/02/15	TF-417	12:00 PM	94	RR	71	830	12.0	126 122	SE1 SE1	129 125	SE1 SE1	133	BRK	PASS	AF	Smooth on Textured
09/02/15	TF-418	12:22 PM	92	JR	71	835	12.0	127 127	SE1 SE1	133 137	SE1 SE1	144	BRK	PASS	AF	Smooth on Smooth
09/02/15	TF-419	12:25 PM	92	JR	71	835	12.0	128 123	SE1 SE1	111 115	SE1 SE1	138	BRK	PASS	AF	Textured on Textured
09/09/15	TF-420	8:23 AM	92	JR	46	835	12.0	156 178	SE1 SE1	169 171	SE1 SE1	178	BRK	PASS	BM	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
09/09/15	TF-421	8:25 AM	92	JR	46	835	12.0	151 170	SE1 SE1	165 151	SE1 SE1	173	BRK	PASS	BM	Textured on Textured
09/09/15	TF-422	8:21 AM	94	RR	46	830	12.0	165 152	SE1 SE1	150 166	SE1 SE1	184	BRK	PASS	BM	Smooth on Smooth
09/09/15	TF-423	8:26 AM	94	RR	46	830	12.0	168 134	SE1 SE1	156 156	SE1 SE1	179	BRK	PASS	BM	Textured on Textured
09/10/15	TF-424	8:27 AM	94	RR	54	830	12.0	162 163	SE1 SE1	153 162	SE1 SE1	173	BRK	PASS	BM	Smooth on Smooth
09/10/15	TF-425	8:27 AM	92	JR	54	835	12.0	157 154	SE1 SE1	150 159	SE1 SE1	166	BRK	PASS	BM	Smooth on Smooth
09/10/15	TF-426	8:35 AM	94	RR	54	830	12.0	133 145	SE1 SE1	168 139	SE1 SE1	170	BRK	PASS	BM	Textured on Textured
09/10/15	TF-427	8:37 AM	92	JR	54	835	12.0	114 130	SE1 SE1	159 154	SE1 SE1	147	BRK	PASS	BM	Textured on Textured
09/10/15	TF-428	10:10 AM	94	RR	60	830	12.0	152 154	SE1 SE1	158 156	SE1 SE1	163	BRK	PASS	BM	Smooth on Textured
09/10/15	TF-429	1:13 PM	94	RR	65	830	12.0	139 133	SE1 SE1	146 150	SE1 SE1	147	BRK	PASS	BM	Smooth on Smooth
09/10/15	TF-430	1:10 PM	94	RR	65	830	12.0	146 151	SE1 SE1	132 133	SE1 SE1	151	BRK	PASS	BM	Textured on Textured
09/10/15	TF-431	1:19 PM	92	JR	65	835	12.0	131 155	SE1 SE1	145 153	SE1 SE1	152	BRK	PASS	BM	Smooth on Smooth
09/10/15	TF-432	1:23 PM	92	JR	65	835	12.0	144 148	SE1 SE1	127 132	SE1 SE1	134	BRK	PASS	BM	Textured on Textured
09/10/15	TF-433	1:08 PM	94	RR	65	830	12.0	121 130	SE1 SE1	144 140	SE1 SE1	136	BRK	PASS	BM	Textured on Smooth
09/11/15	TF-434	8:09 AM	92	JR	51	835	12.0	154 158	SE1 SE1	159 144	SE1 SE1	180	BRK	PASS	TB	Smooth on Smooth
09/11/15	TF-435	8:16 AM	92	JR	51	835	12.0	158 155	SE1 SE1	153 158	SE1 SE1	168	BRK	PASS	TB	Textured on Textured
09/11/15	TF-436	8:13 AM	94	RR	51	830	12.0	150 166	SE1 SE1	170 159	SE1 SE1	189	BRK	PASS	TB	Smooth on Smooth
09/11/15	TF-437	8:21 AM	94	RR	51	830	12.0	156 161	SE1 SE1	159 157	SE1 SE1	178	BRK	PASS	TB	Textured on Textured
09/11/15	TF-438	8:26 AM	94	RR	51	830	12.0	152 172	SE1 SE1	161 134	SE1 SE1	164	BRK	PASS	TB	Textured on Smooth
09/11/15	TF-439	1:16 PM	94	RR	64	830	12.0	142 152	SE1 SE1	157 141	SE1 SE1	161	BRK	PASS	TB	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
09/11/15	TF-440	1:13 PM	94	RR	64	830	12.0	141 143	SE1 SE1	155 145	SE1 SE1	150	BRK	PASS	TB	Textured on Textured
09/11/15	TF-441	1:37 PM	92	JR	64	835	12.0	153 157	SE1 SE1	158 152	SE1 SE1	164	BRK	PASS	TB	Smooth on Smooth
09/11/15	TF-442	1:43 PM	92	JR	64	835	12.0	141 149	SE1 SE1	146 132	SE1 SE1	141	BRK	PASS	TB	Textured on Textured
09/13/15	TF-443	7:56 AM	94	RR	50	830	12.0	146 165	SE1 SE1	153 163	SE1 SE1	186	BRK	PASS	CS	Smooth on Smooth
09/13/15	TF-444	7:54 AM	94	RR	50	830	12.0	153 158	SE1 SE1	124 140	SE1 SE1	176	BRK	PASS	CS	Textured on Textured
09/13/15	TF-445	8:02 AM	92	JR	50	835	12.0	156 167	SE1 SE1	142 159	SE1 SE1	188	BRK	PASS	CS	Smooth on Smooth
09/13/15	TF-446	8:07 AM	92	JR	50	835	12.0	155 157	SE1 SE1	154 135	SE1 SE1	149	BRK	PASS	CS	Textured on Textured
09/13/15	TF-447	12:27 PM	94	RR	70	830	12.0	142 140	SE1 SE1	149 141	SE1 SE1	162	BRK	PASS	CS	Smooth on Smooth
09/13/15	TF-448	12:40 PM	94	RR	70	830	12.0	139 141	SE1 SE1	141 138	SE1 SE1	148	BRK	PASS	CS	Textured on Textured
09/13/15	TF-449	12:50 PM	92	JR	70	835	12.0	129 134	SE1 SE1	131 132	SE1 SE1	133	BRK	PASS	CS	Smooth on Smooth
09/13/15	TF-450	12:54 PM	92	JR	70	835	12.0	125 147	SE1 SE1	132 136	SE1 SE1	140	BRK	PASS	CS	Textured on Textured
09/14/15	TF-451	7:58 AM	92	JR	48	835	12.0	169 160	SE1 SE1	155 160	SE1 SE1	188	BRK	PASS	CS	Smooth on Smooth
09/14/15	TF-452	8:03 AM	92	JR	48	835	12.0	168 167	SE1 SE1	157 166	SE1 SE1	179	BRK	PASS	CS	Textured on Textured
09/15/15	TF-453	8:17 AM	92	JR	55	835	12.0	180 168	SE1 SE1	184 160	SE1 SE1	207	BRK	PASS	TB	Textured on Textured
09/15/15	TF-454	8:27 AM	92	JR	55	835	12.0	145 162	SE1 SE1	146 159	SE1 SE1	191	BRK	PASS	TB	Smooth on Smooth
09/15/15	TF-455	8:32 AM	92	JR	55	835	12.0	158 142	SE1 SE1	160 133	SE1 SE1	190	BRK	PASS	TB	Smooth on Textured
09/15/15	TF-456	8:30 AM	94	RR	56	830	12.0	165 152	SE1 SE1	160 165	SE1 SE1	193	BRK	PASS	TB	Smooth on Smooth
09/15/15	TF-457	8:20 AM	94	RR	55	830	12.0	140 156	SE1 SE1	161 159	SE1 SE1	176	BRK	PASS	TB	Smooth on Smooth
09/16/15	TF-458	7:03 AM	94	RR	48	830	12.0	159 154	SE1 SE1	162 157	SE1 SE1	185	BRK	PASS	JB	Smooth on Smooth
09/16/15	TF-459	7:00 AM	92	JC	48	835	12.0	164 170	SE1 SE1	164 168	SE1 SE1	181	BRK	PASS	JB	Smooth on Smooth
09/16/15	TF-460	8:11 AM	94	RR	52	830	12.0	131 133	SE1 SE1	145 152	SE1 SE1	152	BRK	PASS	BM	Textured on Smooth
09/16/15	TF-461	2:00 PM	92	EM	62	835	12.0	139 131	SE1 SE1	137 142	SE1 SE1	133	BRK	PASS	JR	Smooth on Smooth

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
09/16/15	TF-462	2:05 PM	92	EM	62	835	12.0	137 145	SE1 SE1	135 133	SE1 SE1	144	BRK	PASS	JR	Textured on Textured
09/17/15	TF-463	7:00 AM	92	JR	46	835	12.0	167 183	SE1 SE1	189 184	SE1 SE1	212	BRK	PASS	BM	Smooth on Smooth
09/17/15	TF-464	7:04 AM	92	JR	46	835	12.0	175 187	SE1 SE1	181 189	SE1 SE1	198	BRK	PASS	BM	Textured on Textured
09/17/15	TF-465	7:18 AM	94	RR	46	830	12.0	186 179	SE1 SE1	177 184	SE1 SE1	223	BRK	PASS	BM	Smooth on Smooth
09/17/15	TF-466	7:11 AM	94	RR	46	830	12.0	185 192	SE1 SE1	191 185	SE1 SE1	219	BRK	PASS	BM	Textured on Textured
09/17/15	TF-467	1:07 PM	94	RR	66	830	12.0	139 128	SE1 SE1	132 132	SE1 SE1	135	BRK	PASS	AF	Smooth on Smooth
09/17/15	TF-468	1:06 PM	94	RR	66	830	12.0	137 124	SE1 SE1	136 131	SE1 SE1	137	BRK	PASS	AF	Textured on Textured
09/17/15	TF-469	1:24 PM	92	JR	66	835	12.0	146 147	SE1 SE1	140 168	SE1 SE1	177	BRK	PASS	AF	Smooth on Smooth
09/17/15	TF-470	1:18 PM	92	JR	66	835	12.0	126 131	SE1 SE1	117 134	SE1 SE1	126	BRK	PASS	AF	Textured on Textured
09/18/15	TF-471	7:36 AM	92	JR	53	835	12.0	173 189	SE1 SE1	168 166	SE1 SE1	220	BRK	PASS	JR	Smooth on Smooth
09/18/15	TF-472	7:40 AM	94	JR	53	830	12.0	165 170	SE1 SE1	161 175	SE1 SE1	212	BRK	PASS	JR	Smooth on Smooth
09/18/15	TF-473	2:05 PM	94	EM	66	830	12.0	161 151	SE1 SE1	152 167	SE1 SE1	1689	BRK	PASS	AF	Smooth on Smooth
09/18/15	TF-474	2:00 PM	94	EM	66	830	12.0	121 126	SE1 SE1	158 170	SE1 SE1	171	BRK	PASS	AF	Smooth on Textured
09/18/15	TF-475	2:10 PM	94	EM	66	830	12.0	142 139	SE1 SE1	159 165	SE1 SE1	152	BRK	PASS	AF	Textured on Textured
09/19/15	TF-476	7:36 AM	92	JR	42	835	12.0	187 197	SE1 SE1	180 195	SE1 SE1	186	BRK	PASS	TB	Smooth on Smooth
09/19/15	TF-477	7:58 AM	94	RR	42	830	12.0	167 181	SE1 SE1	169 180	SE1 SE1	210	BRK	PASS	AF	Smooth on Smooth
09/19/15	TF-478	9:15 AM	94	RR	53	830	12.0	155 166	SE1 SE1	168 157	SE1 SE1	187	BRK	PASS	AF	Smooth on Smooth
09/19/15	TF-479	9:15 AM	92	JR	53	835	12.0	148 165	SE1 SE1	160 162	SE1 SE1	200	BRK	PASS	AF	Smooth on Smooth
09/19/15	TF-480	10:00 AM	92	JR	54	835	12.0	149 149	SE1 SE1	140 148	SE1 SE1	161	BRK	PASS	AF	Textured on Textured

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
09/19/15	TF-481	10:05 AM	94	RR	54	830	12.0	158 125	SE1 SE1	133 147	SE1 SE1	152	BRK	PASS	AF	Textured on Textured
09/19/15	TF-482	12:52 PM	94	RR	64	830	12.0	131 153	SE1 SE1	149 148	SE1 SE1	164	BRK	PASS	AF	Smooth on Smooth
09/19/15	TF-483	12:56 PM	94	RR	64	830	12.0	151 156	SE1 SE1	160 134	SE1 SE1	158	BRK	PASS	AF	Textured on Textured
09/19/15	TF-484	12:58 PM	94	RR	65	830	12.0	140 151	SE1 SE1	156 157	SE1 SE1	165	BRK	PASS	AF	Smooth on Textured
09/21/15	TF-485	8:08 AM	92	JR	53	835	12.0	191 163	SE1 SE1	164 185	SE1 SE1	186	BRK	PASS	AF	Smooth on Smooth
09/21/15	TF-486	8:09 AM	94	RR	53	830	12.0	165 173	SE1 SE1	169 165	SE1 SE1	184	BRK	PASS	AF	Smooth on Smooth
09/21/15	TF-487	8:17 AM	94	RR	54	830	12.0	178 170	SE1 SE1	129 118	SE1 SE1	184	BRK	PASS	AF	Textured on Textured
09/21/15	TF-488	8:14 AM	94	RR	54	830	12.0	161 167	SE1 SE1	166 182	SE1 SE1	182	BRK	PASS	AF	Smooth on Textured
09/23/15	TF-489	2:46 PM	94	RR	66	830	12.0	130 130	SE1 SE1	130 136	SE1 SE1	137	BRK	PASS	AF	Smooth on Smooth
09/23/15	TF-490	2:50 PM	94	RR	66	830	12.0	130 121	SE1 SE1	135 117	SE1 SE1	156	BRK	PASS	AF	Textured on Textured
09/23/15	TF-491	2:58 PM	94	RR	66	830	12.0	114 112	SE1 SE1	112 132	SE1 SE1	138	BRK	PASS	AF	Smooth on Textured
09/23/15	TF-492	3:49 PM	92	JR	64	835	12.0	144 128	SE1 SE1	156 152	SE1 SE1	153	BRK	PASS	AF	Smooth on Smooth
09/25/15	TF-493	8:06 AM	92	JR	53	835	12.0	152 121	SE1 SE1	142 137	SE1 SE1	177	BRK	PASS	JR	Textured on Textured
09/25/15	TF-494	8:15 AM	92	JR	53	835	12.0	168 171	SE1 SE1	155 143	SE1 SE1	188	BRK	PASS	JR	Smooth on Smooth
09/25/15	TF-495	8:01 AM	94	EM	53	840	12.0	147 139	SE1 SE1	154 157	SE1 SE1	183	BRK	PASS	JR	Textured on Textured
09/25/15	TF-496	8:14 AM	94	EM	53	840	12.0	165 154	SE1 SE1	128 124	SE1 SE1	178	BRK	PASS	JR	Smooth on Smooth
09/25/15	TF-497	11:25 AM	92	JR	72	835	12.0	138 135	SE1 SE1	121 141	SE1 SE1	148	BRK	PASS	AF	Smooth on Textured
09/25/15	TF-498	12:50 PM	94	EM	75	840	12.0	117 140	SE1 SE1	122 143	SE1 SE1	129	BRK	PASS	AF	Smooth on Smooth
09/25/15	TF-499	12:41 PM	94	EM	75	840	12.0	115 135	SE1 SE1	112 128	SE1 SE1	122	BRK	PASS	AF	Textured on Textured
09/25/15	TF-500	12:56 PM	92	JR	75	835	12.0	110 112	SE1 SE1	116 112	SE1 SE1	121	BRK	PASS	AF	Textured on Textured
09/25/15	TF-501	12:50 PM	92	JR	75	835	12.0	130 134	SE1 SE1	125 132	SE1 SE1	125	BRK	PASS	AF	Smooth on Smooth
09/26/15	TF-502	8:08 AM	94	EM	53	845	12.0	139 132	SE1 SE1	130 142	SE1 SE1	171	BRK	PASS	AF	Smooth on Textured

¹ See Figures 3 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						PASS OR FAIL	QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING (fps)	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
09/26/15	TF-503	8:01 AM	94	EM	53	845	12.0	152 165	SE1 SE1	157 132	SE1 SE1	192	BRK	PASS	AF	Smooth on Smooth
09/26/15	TF-504	8:05 AM	94	EM	53	845	12.0	125 156	SE1 SE1	156 147	SE1 SE1	162	BRK	PASS	AF	Textured on Textured
09/26/15	TF-505	1:05 PM	94	EM	71	840	12.0	126 131	SE1 SE1	127 150	SE1 SE1	150	BRK	PASS	SW	Smooth on Textured
09/26/15	TF-506	1:00 PM	94	EM	71	840	12.0	121 141	SE1 SE1	132 133	SE1 SE1	143	BRK	PASS	AF	Textured on Textured
09/26/15	TF-507	1:03 PM	94	EM	71	840	12.0	116 118	SE1 SE1	130 139	SE1 SE1	146	BRK	PASS	AF	Smooth on Smooth

¹ See Figures 3 for Modes

Extrusion Welds

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
10/08/14	TX-1	2:31 PM	116	LD	63	540	500	158 159	SE3 SE3	174	BRK	PASS	DW	80/100* mil
10/08/14	TX-2	8:30 AM	108	JT	50	500	500	126 145	SE3 SE3	188	BRK	PASS	DW	80/100* mil
10/21/14	TX-2	8:25 AM	116	LD	49	520	510	132 154	SE3 SE3	211	BRK	PASS	AF	80/100* mil
10/21/14	TX-3	8:30 AM	120	JT	49	580	572	164 166	SE3 SE3	200	BRK	PASS	AF	80/80 mil
10/21/14	TX-4	9:20 AM	116	LD	51	520	510	120 113	SE3 SE3	203	BRK	PASS	AF	80/80 mil
10/21/14	TX-5	1:36 PM	116	LD	60	520	500	161 125	SE3 SE3	147	BRK	PASS	AF	80/100* mil
10/22/14	TX-6	8:40 AM	120	JD	42	572	550	154 171	SE3 SE3	198	BRK	PASS	NA	80/80 mil
10/22/14	TX-7	9:16 AM	116	LD	42	550	540	173 148	SE3 SE3	204	BRK	PASS	NA	80/100* mil
10/22/14	TX-8	9:18 AM	116	AV	42	550	540	211 208	SE3 SE3	209	BRK	PASS	NA	80/80 mil
10/22/14	TX-9	1:02 PM	116	LD	56	572	550	143 134	SE3 SE3	176	BRK	PASS	NA	80/80 mil
10/22/14	TX-10	1:05 PM	120	JD	56	572	550	160 156	SE3 SE3	166	BRK	PASS	NA	80/80 mil
10/24/14	TX-11	2:15 PM	120	JD	65	572	530	123 125	SE3 SE3	142	BRK	PASS	AF	80/80 mil
10/24/14	TX-12	3:06 PM	001	LD	66	540	520	153 148	SE3 SE3	154	BRK	PASS	AF	80/80 mil
10/24/14	TX-13	3:11 PM	001	LD	66	540	520	140 152	SE3 SE3	159	BRK	PASS	AF	80/80 mil
10/25/14	TX-14	4:19 PM	001	LD	64	540	520	151 140	SE3 SE3	163	BRK	PASS	AF	80/80 mil
10/27/14	TX-15	7:50 AM	001	LD	42	540	520	126 125	SE3 SE3	201	BRK	PASS	NA	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
10/27/14	TX-16	7:50 AM	120	JD	42	572	540	111 127	SE3 SE3	214	BRK	PASS	NA	80/80 mil
10/27/14	TX-17	8:12 AM	001	LD	42	540	520	124 122	SE3 SE3	192	BRK	PASS	NA	80/80 mil
10/27/14	TX-18	2:57 PM	001	LD	44	540	520	183 177	SE3 SE3	186	BRK	PASS	NA	80/80 mil
10/27/14	TX-19	2:50 PM	120	JD	44	570	540	154 163	SE3 SE3	179	BRK	PASS	NA	80/80 mil
10/27/14	TX-20	3:04 PM	001	LD	44	540	520	151 148	SE3 SE3	176	BRK	PASS	NA	80/80 mil
10/29/14	TX-21	11:16 AM	116	LD	40	560	540	181 167	SE3 SE3	169	BRK	PASS	AF	80/80 mil
10/29/14	TX-22	2:20 PM	116	LD	51	540	520	163 156	SE3 SE3	176	BRK	PASS	AF	80/100* mil
10/29/14	TX-23	3:20 PM	116	LD	50	550	540	126 165	SE3 SE3	203	BRK	PASS	AF	80/80 mil
10/30/14	TX-24	8:44 AM	116	LD	35	580	580	134 128	SE3 SE3	170	BRK	PASS	AF	80/100* mil
10/30/14	TX-25	8:54 AM	116	LD	35	580	580	179 173	SE3 SE3	213	BRK	PASS	AF	80/80 mil
10/30/14	TX-26	1:40 PM	116	LD	51	520	500	123 125	SE3 SE3	165	BRK	PASS	NA	80/80 mil
10/30/14	TX-27	1:15 PM	120	JD	50	570	540	143 144	SE3 SE3	154	BRK	PASS	NA	80/80 mil
10/30/14	TX-28	1:54 PM	116	LD	51	540	500	151 178	SE3 SE3	160	BRK	PASS	NA	80/80 mil
10/31/14	TX-29	10:20 AM	116	LD	45	570	550	175 197	SE3 SE3	202	BRK	PASS	DW	80/100* mil
10/31/14	TX-30	11:03 AM	116	LD	55	550	540	148 155	SE3 SE3	170	BRK	PASS	DW	80/80 mil
10/31/14	TX-31	1:10 PM	120	JD	55	580	550	152 158	SE3 SE3	163	BRK	PASS	DW	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
10/31/14	TX-32	1:45 PM	001	AR	55	550	550	124 162	SE3 SE3	162	BRK	PASS	DW	80/100* mil
11/01/14	TX-33	9:57 AM	116	LD	50	580	570	174 175	SE3 SE3	179	BRK	PASS	DW	80/80 mil
11/01/14	TX-34	1:33 PM	116	LD	50	610	600	172 172	SE3 SE3	193	BRK	PASS	DW	80/100* mil
11/01/14	TX-35	5:30 PM	116	LD	51	530	600	143 116	SE3 SE3	149	BRK	PASS	NA	80/80 mil
11/03/14	TX-36	8:20 AM	120	JD	30	572	580	165 154	SE3 SE3	222	BRK	PASS	NA	80/80 mil
11/03/14	TX-37	9:02 AM	116	LD	36	640	600	146 144	SE3 SE3	208	BRK	PASS	NA	80/100* mil
11/03/14	TX-38	12:29 PM	116	LD	40	660	660	112 118	SE3 SE3	158	BRK	PASS	NA	80/80 mil
11/06/14	TX-39	8:22 AM	116	LD	37	650	660	156 149	SE3 SE3	174	BRK	PASS	BM	80/100* mil
11/06/14	TX-40	11:35 AM	116	LD	59	660	600	182 167	SE3 SE3	181	BRK	PASS	AF	80/100* mil
11/06/14	TX-41	11:40 AM	116	LD	59	660	600	151 163	SE3 SE3	165	BRK	PASS	AF	80/80 mil
11/06/14	TX-42	1:15 PM	120	JD	59	580	580	155 155	SE3 SE3	171	BRK	PASS	NA	80/80 mil
06/03/15	TX-43	8:15 AM	121	JC	52	590	590	148 150	SE3 SE3	150	SE	PASS	PO	80/100* mil
06/03/15	TX-44	1:37 PM	121	JC	68	590	590	124 120	SE3 SE3	120	SE	PASS	PO	80/100* mil
06/04/15	TX-45	7:01 AM	121	JC	56	590	590	135 127	SE3 SE3	156	BRK	PASS	PO	80/100* mil
06/04/15	TX-46	1:21 PM	121	JC	70	590	590	121 116	SE3 SE3	136	BRK	PASS	KS	80/100* mil
06/04/15	TX-47	4:30 PM	125	AR	71	505	505	133 131	SE3 SE3	145	BRK	PASS	PO	80/100* mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
06/05/15	TX-48	7:00 AM	001	RR	54	550	550	152 147	SE3 SE3	167	BRK	PASS	AF	80/100* mil
06/05/15	TX-49	7:00 AM	121	JC	54	590	590	169 138	SE3 SE3	153	BRK	PASS	AF	80/100* mil
06/06/15	TX-50	7:20 AM	121	JC	40	590	572	149 150	SE3 SE3	165	BRK	PASS	AF	80/100* mil
06/06/15	TX-51	1:00 PM	121	JC	66	590	572	123 130	SE3 SE3	160	BRK	PASS	BM	80/100* mil
06/06/15	TX-52	1:15 PM	121	JC	66	590	572	135 148	SE3 SE3	123	BRK	PASS	AF	80/80 mil
06/07/15	TX-53	8:51 AM	001	RR	46	480	550	160 167	SE3 SE3	146	BRK	PASS	BM	80/80 mil
06/07/15	TX-54	9:00 AM	121	JC	58	590	572	152 150	SE3 SE3	167	BRK	PASS	BM	80/100* mil
06/07/15	TX-55	1:05 PM	121	JC	65	590	572	145 130	SE3 SE3	145	BRK	PASS	BM	80/100* mil
06/08/15	TX-56	8:00 AM	121	JC	59	590	572	130 116	SE3 SE3	152	BRK	PASS	KS	80/100* mil
06/08/15	TX-57	1:00 PM	121	JC	66	590	572	121 123	SE3 SE3	140	BRK	PASS	GA	80/100* mil
06/08/15	TX-58	4:15 PM	121	JC	68	590	572	133 138	SE3 SE3	143	BRK	PASS	GA	80/100* mil
06/09/15	TX-59	3:03 PM	121	JC	75	590	572	130 129	SE3 SE3	132	BRK	PASS	PO	80/100* mil
06/10/15	TX-60	6:30 AM	121	JC	57	590	572	156 159	SE3 SE3	183	BRK	PASS	GA	80/80 mil
06/10/15	TX-61	6:35 AM	001	RR	57	590	572	175 165	SE3 SE3	203	BRK	PASS	GA	80/80 mil
06/10/15	TX-62	2:55 PM	121	JC	52	590	572	148 153	SE3 SE3	164	BRK	PASS	GA	80/80 mil
06/10/15	TX-63	4:55 PM	121	JC	73	590	572	145 150	SE3 SE3	154	BRK	PASS	GA	80/100* mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
06/10/15	TX-64	5:00 PM	121	JC	73	590	572	140 149	SE3 SE3	180	BRK	PASS	GA	80/80 mil
06/10/15	TX-65	5:12 PM	001	RR	73	480	550	140 156	SE3 SE3	142	BRK	PASS	GA	80/80 mil
06/10/15	TX-66	3:30 PM	121	JC	60	590	572	142 152	SE3 SE3	172	BRK	PASS	GA	80/80 mil
06/11/15	TX-67	3:43 PM	001	RR	60	550	480	149 172	SE3 SE3	175	BRK	PASS	GA	80/80 mil
06/11/15	TX-68	11:30 AM	121	JC	60	590	572	142 145	SE3 SE3	136	BRK	PASS	PO	80/100* mil
06/13/15	TX-69	7:45 AM	121	JC	40	590	572	135 157	SE3 SE3	173	BRK	PASS	GA	80/80 mil
06/17/15	TX-70	2:30 PM	121	JC	64	590	572	144 146	SE3 SE3	151	BRK	PASS	GA	80/80 mil
06/18/15	TX-71	8:00 AM	121	JC	45	590	572	125 119	SE3 SE3	139	BRK	PASS	GA	80/80 mil
06/18/15	TX-72	10:22 AM	001	RR	86	590	572	138 139	SE3 SE3	141	BRK	PASS	GA	80/80 mil
06/18/15	TX-73	12:05 PM	121	JC	80	590	572	110 120	SE3 SE3	121	BRK	PASS	GA	80/80 mil
06/19/15	TX-74	8:00 AM	001	RR	80	550	470	141 120	SE3 SE3	136	BRK	PASS	GA	80/80 mil
06/19/15	TX-75	1:10 PM	001	JC	80	525	470	120 131	SE3 SE3	131	BRK	PASS	PO	80/80 mil
06/20/15	TX-76	7:15 AM	001	RR	53	525	470	130 134	SE3 SE3	145	BRK	PASS	BM	80/80 mil
06/20/15	TX-77	7:20 AM	121	JC	53	590	572	141 136	SE3 SE3	147	BRK	PASS	BM	80/80 mil
06/20/15	TX-78	1:25 PM	121	JC	81	590	572	130 130	SE3 SE3	144	BRK	PASS	AF	80/80 mil
06/21/15	TX-79	9:30 AM	121	JC	70	590	572	120 129	SE3 SE3	129	BRK	PASS	PO	80/100* mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
06/21/15	TX-80	2:15 PM	121	JC	37	590	572	121 123	SE3 SE3	133	BRK	PASS	GA	80/80 mil
06/21/15	TX-81	7:00 AM	121	JC	46	590	572	153 160	SE3 SE3	166	BRK	PASS	GA	80/80 mil
06/21/15	TX-82	3:39 PM	001	RR	70	590	572	117 132	SE3 SE3	134	BRK	PASS	GA	80/80 mil
06/22/15	TX-83	8:00 AM	121	JC	67	590	572	146 130	SE3 SE3	157	BRK	PASS	AF	80/100* mil
06/22/15	TX-84	5:10 PM	121	JC	79	590	572	150 137	SE3 SE3	172	BRK	PASS	KS	80/80 mil
06/22/15	TX-85	5:15 PM	001	RR	79	590	572	153 128	SE3 SE3	153	BRK	PASS	KS	80/80 mil
06/23/15	TX-86	7:15 AM	121	JC	72	590	572	137 128	SE3 SE3	140	BRK	PASS	AF	80/80 mil
06/23/15	TX-87	7:10 AM	121	JC	72	590	572	148 142	SE3 SE3	151	BRK	PASS	AF	80/80 mil
06/23/15	TX-88	1:50 PM	121	JC	79	590	572	109 109	SE3 SE3	133	BRK	PASS	AF	80/80 mil
06/24/15	TX-89	7:55 AM	121	JC	50	590	572	157 152	SE3 SE3	168	BRK	PASS	PO	80/80 mil
06/24/15	TX-90	1:00 PM	121	JC	83	590	572	130 141	SE3 SE3	141	BRK	PASS	PO	80/80 mil
06/24/15	TX-91	3:01 PM	121	JC	70	590	572	157 162	SE3 SE3	168	BRK	PASS	KS	80/100* mil
06/25/15	TX-92	8:25 AM	121	JC	52	590	572	166 166	SE3 SE3	174	BRK	PASS	PO	80/100* mil
06/25/15	TX-93	1:30 PM	121	JC	60	590	572	140 139	SE3 SE3	139	BRK	PASS	MT	80/80 mil
06/26/15	TX-94	7:40 AM	121	JC	55	590	572	163 153	SE3 SE3	171	BRK	PASS	BM	80/80 mil
06/26/15	TX-95	12:50 PM	121	JC	64	590	572	135 117	SE3 SE3	125	BRK	PASS	BM	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
06/27/15	TX-96	7:30 AM	121	JC	56	590	572	173 153	SE3 SE3	185	BRK	PASS	GA	80/80 mil
06/27/15	TX-97	8:10 AM	001	RA	56	590	572	147 168	SE3 SE3	181	BRK	PASS	GA	80/80 mil
06/27/15	TX-98	1:15 PM	121	JC	66	590	572	130 123	SE3 SE3	144	BRK	PASS	GA	80/100* mil
06/28/15	TX-99	8:37 AM	121	JC	55	590	572	132 140	SE3 SE3	151	BRK	PASS	PO	80/80 mil
06/28/15	TX-100	12:30 PM	121	JC	67	590	572	139 134	SE3 SE3	141	BRK	PASS	PO	80/80 mil
06/29/15	TX-101	1:25 PM	121	RA	62	590	572	138 139	SE3 SE3	146	BRK	PASS	GA	80/80 mil
06/29/15	TX-102	7:45 AM	121	JC	52	590	572	165 164	SE3 SE3	169	BRK	PASS	BM	80/80 mil
06/30/15	TX-103	7:50 AM	121	JC	70	590	572	116 132	SE3 SE3	133	BRK	PASS	AF	80/80 mil
06/30/15	TX-104	9:00 AM	001	RA	67	590	572	120 143	SE3 SE3	138	BRK	PASS	AF	80/100* mil
06/30/15	TX-105	2:00 PM	001	RA	75	590	572	126 127	SE3 SE3	133	BRK	PASS	AF	80/100* mil
06/30/15	TX-106	1:28 PM	121	JC	84	590	572	120 110	SE3 SE3	126	BRK	PASS	PO	80/80 mil
07/01/15	TX-107	7:50 AM	121	JC	68	590	572	126 146	SE3 SE3	174	BRK	PASS	JR	80/80 mil
07/02/15	TX-108	7:35 AM	121	JC	46	590	572	132 134	SE3 SE3	183	BRK	PASS	GA	80/80 mil
07/10/15	TX-109	1:10 PM	121	JC	62	590	572	116 139	SE3 SE3	121	BRK	PASS	KS	80/80 mil
07/11/15	TX-110	7:00 AM	121	JC	46	590	572	113 145	SE3 SE3	187	BRK	PASS	KS	80/80 mil
07/11/15	TX-111	10:25 AM	001	RA	65	590	572	125 147	SE3 SE3	178	BRK	PASS	BM	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
07/12/15	TX-112	8:50 AM	001	RA	60	590	572	159 149	SE3 SE3	167	BRK	PASS	JR	80/80 mil
07/12/15	TX-113	10:30 AM	121	JC	64	590	572	159 142	SE3 SE3	170	BRK	PASS	JR	80/80 mil
07/12/15	TX-114	2:55 PM	001	RA	69	590	572	112 103	SE3 SE3	124	BRK	PASS	RB	80/80 mil
07/12/15	TX-115	4:15 AM	121	JC	69	590	572	119 144	SE3 SE3	127	BRK	PASS	RB	80/80 mil
07/13/15	TX-116	9:30 AM	001	RA	74	550	400	133 150	SE3 SE3	152	BRK	PASS	AF	80/80 mil
07/13/15	TX-117	8:00 AM	121	JC	68	590	450	154 152	SE3 SE3	172	BRK	PASS	RB	80/80 mil
07/13/15	TX-118	2:00 PM	001	RA	77	550	400	125 148	SE3 SE3	151	BRK	PASS	AF	80/80 mil
07/13/15	TX-119	11:50 AM	001	RA	70	500	400	123 144	SE3 SE3	133	BRK	PASS	RB	80/80 mil
07/15/15	TX-120	8:25 AM	001	RA	61	550	400	134 154	SE3 SE3	149	BRK	PASS	AF	80/80 mil
07/15/15	TX-121	12:55 PM	001	RA	66	550	400	108 110	SE3 SE3	133	BRK	PASS	TB	80/80 mil
07/16/15	TX-122	8:15 AM	121	JC	61	590	572	114 123	SE3 SE3	147	BRK	PASS	KS	80/80 mil
07/16/15	TX-123	8:20 AM	001	RA	61	550	400	125 139	SE3 SE3	142	BRK	PASS	KS	80/80 mil
07/16/15	TX-124	8:15 AM	125	RA	61	482	400	122 119	SE3 SE3	139	BRK	PASS	KS	80/80 mil
07/16/15	TX-125	1:00 PM	001	RA	69	550	400	113 134	SE3 SE3	159	BRK	PASS	AF	80/80 mil
07/16/15	TX-126	1:15 PM	125	JC	68	536	400	114 111	SE3 SE3	141	BRK	PASS	AF	80/80 mil
07/17/15	TX-127	8:36 AM	121	JC	65	590	572	142 143	SE3 SE3	151	BRK	PASS	AF	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
07/17/15	TX-128	8:45 AM	001	RA	65	500	400	112 139	SE3 SE3	144	BRK	PASS	AF	80/80 mil
07/17/15	TX-129	1:00 PM	001	RA	73	550	400	142 114	SE3 SE3	128	BRK	PASS	AF	80/80 mil
07/18/15	TX-130	7:55 AM	121	JC	50	550	425	131 129	SE3 SE3	173	BRK	PASS	BM	80/80 mil
07/18/15	TX-131	7:50 AM	121	JC	50	590	572	101 115	SE3 SE3	126	BRK	PASS	BM	80/80 mil
07/18/15	TX-132	1:20 PM	121	JC	74	590	572	124 130	SE3 SE3	131	BRK	PASS	AF	80/80 mil
07/19/15	TX-133	8:00 AM	121	JC	60	590	572	158 167	SE3 SE3	159	BRK	PASS	TJB	80/80 mil
07/19/15	TX-134	8:00 AM	001	RA	60	590	572	121 179	SE3 SE3	180	BRK	PASS	TJB	80/80 mil
07/20/15	TX-135	8:30 AM	121	JC	55	590	572	155 137	SE3 SE3	159	BRK	PASS	MT	80/80 mil
07/20/15	TX-136	7:30 AM	125	AR	55	554	400	138 120	SE3 SE3	153	BRK	PASS	MT	80/80 mil
07/20/15	TX-137	7:00 AM	001	RA	55	485	400	137 126	SE3 SE3	164	BRK	PASS	MT	80/80 mil
07/21/15	TX-138	1:00 PM	121	JC	57	300	310	149 146	SE3 SE3	128	BRK	PASS	BM	80/80 mil
07/22/15	TX-139	10:35 AM	001	RA	61	550	485	128 118	SE1 SE1	145	BRK	PASS	KS	80/80 mil
07/22/15	TX-140	2:00 PM	121	JC	62	572	590	111 124	SE3 SE3	123	BRK	PASS	MT	80/80 mil
07/22/15	TX-141	4:40 PM	001	JC	70	550	485	135 124	SE3 SE3	141	BRK	PASS	MT	80/80 mil
07/23/15	TX-142	9:30 AM	121	JC	60	572	590	130 135	SE3 SE3	143	BRK	PASS	CS	80/80 mil
07/23/15	TX-143	11:40 AM	001	RA	65	550	485	121 137	SE3 SE3	141	BRK	PASS	CS	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
07/24/15	TX-144	11:00 AM	121	JC	66	590	572	137 139	SE3 SE3	150	BRK	PASS	AF	80/100* mil
07/24/15	TX-145	2:15 PM	121	JC	74	590	572	118 124	SE3 SE3	122	BRK	PASS	AF	80/80 mil
07/25/15	TX-146	7:45 AM	121	JC	62	590	572	149 151	SE3 SE3	171	BRK	PASS	JR	80/80 mil
07/27/15	TX-147	8:50 AM	121	JC	69	590	572	150 147	SE3 SE3	157	BRK	PASS	AF	80/80 mil
07/27/15	TX-148	1:00 PM	121	JC	70	590	572	135 129	SE3 SE3	144	BRK	PASS	AF	80/80 mil
07/27/15	TX-149	2:45 PM	121	JC	70	590	572	146 127	SE3 SE3	151	BRK	PASS	JB	80/80 mil
07/28/15	TX-150	7:45 AM	121	JC	60	590	572	133 156	SE3 SE3	163	BRK	PASS	JB	80/80 mil
07/28/15	TX-151	10:55 AM	001	RA	67	550	485	122 128	SE3 SE3	148	BRK	PASS	BM	80/80 mil
07/28/15	TX-152	12:50 PM	001	RA	70	550	485	103 103	SE3 SE3	124	BRK	PASS	KS	80/80 mil
07/28/15	TX-153	1:00 PM	121	JC	70	590	572	124 130	SE3 SE3	135	BRK	PASS	KS	80/80 mil
07/29/15	TX-154	11:45 AM	121	JC	68	590	572	137 119	SE1 SE1	138	BRK	PASS	TB	80/80 mil
07/30/15	TX-155	8:00 AM	121	JC	58	590	572	123 133	SE3 SE3	140	BRK	PASS	KS	80/80 mil
07/30/15	TX-156	11:50 AM	001	AR	68	550	435	103 116	SE3 SE3	129	BRK	PASS	AF	80/80 mil
07/30/15	TX-157	2:15 PM	001	OT	68	550	435	128 118	SE3 SE3	133	BRK	PASS	AF	80/80 mil
07/31/15	TX-158	10:00 AM	121	JR	67	590	572	141 142	SE3 SE3	148	BRK	PASS	BM	80/80 mil
07/31/15	TX-159	1:05 PM	121	JC	67	590	572	138 128	SE3 SE3	128	BRK	PASS	AF	80/80 mil
08/01/15	TX-160	8:00 AM	121	JC	59	590	572	144 141	SE3 SE3	170	BRK	PASS	KS	80/80 mil
08/01/15	TX-161	8:05 AM	001	RA	59	550	485	119 136	SE3 SE3	164	BRK	PASS	KS	80/80 mil
08/01/15	TX-162	1:20 PM	001	RA	78	550	450	110 121	SE3 SE3	138	BRK	PASS	BM	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
08/03/15	TX-163	8:45 AM	001	RA	58	550	450	132 145	SE3 SE3	139	BRK	PASS	TB	80/80 mil
08/03/15	TX-164	1:00 PM	001	RA	71	550	450	109 125	SE3 SE3	129	BRK	PASS	AF	80/80 mil
08/04/15	TX-165	8:00 AM	121	JC	63	572	554	126 134	SE3 SE3	157	BRK	PASS	AF	80/80 mil
08/04/15	TX-166	8:30 AM	125	GH	63	572	554	125 122	SE3 SE3	148	BRK	PASS	AF	80/80 mil
08/04/15	TX-167	8:35 AM	001	RA	63	500	450	121 149	SE3 SE3	125	BRK	PASS	AF	80/80 mil
08/04/15	TX-168	1:00 PM	121	JC	69	590	572	127 124	SE3 SE3	132	BRK	PASS	KS	80/80 mil
08/05/15	TX-169	7:00 AM	121	JC	55	590	572	110 130	SE3 SE3	155	BRK	PASS	KS	80/80 mil
08/05/15	TX-170	9:29 AM	125	GH	58	450	500	115 112	SE3 SE3	133	BRK	PASS	TB	80/80 mil
08/05/15	TX-171	2:00 PM	121	JC	72	590	572	114 116	SE3 SE3	120	BRK	PASS	BM	80/80 mil
08/05/15	TX-172	2:45 PM	001	PL	70	550	450	131 127	SE3 SE3	129	BRK	PASS	AF	80/80 mil
08/06/15	TX-173	7:00 AM	121	JC	60	572	554	161 164	SE3 SE3	165	BRK	PASS	AF	80/80 mil
08/06/15	TX-174	1:00 PM	121	JC	82	572	554	133 123	SE3 SE3	141	BRK	PASS	AF	80/80 mil
08/07/15	TX-175	7:00 AM	121	JC	56	590	572	112 143	SE3 SE3	131	BRK	PASS	BM	80/80 mil
08/07/15	TX-176	1:00 PM	121	JC	76	590	572	133 137	SE3 SE3	129	BRK	PASS	BM	80/80 mil
08/07/15	TX-177	4:40 PM	001	PL	75	550	450	128 137	SE3 SE3	155	BRK	PASS	BM	80/80 mil
08/08/15	TX-178	8:15 AM	121	JC	63	572	554	141 121	SE3 SE3	149	BRK	PASS	SW	80/80 mil
08/08/15	TX-179	1:00 PM	121	JC	68	572	554	123 129	SE3 SE3	130	BRK	PASS	AF	80/80 mil
08/08/15	TX-180	2:30 PM	001	PL	68	550	450	115 108	SE3 SE3	144	BRK	PASS	AF	80/80 mil
08/08/15	TX-181	2:30 PM	125	GH	68	554	554	146 124	SE3 SE3	148	BRK	PASS	AF	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS				QA MONITOR	REMARKS	
								PEEL		SHEAR				PASS OR FAIL
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
08/10/15	TX-182	9:30 AM	125	PL	62	554	554	146 154	SE3 SE3	152	BRK	PASS	AF	80/80 mil
08/10/15	TX-183	9:40 AM	001	RA	62	550	535	173 178	SE3 SE3	157	BRK	PASS	AF	80/80 mil
08/10/15	TX-184	9:40 AM	121	JC	62	572	554	132 139	SE3 SE3	151	BRK	PASS	AF	80/80 mil
08/10/15	TX-185	1:15 PM	001	RA	69	550	550	122 139	SE3 SE3	134	BRK	PASS	AF	80/80 mil
08/10/15	TX-186	1:00 PM	121	JC	69	572	554	119 113	SE3 SE3	120	BRK	PASS	AF	80/80 mil
08/11/15	TX-187	10:10 AM	125	PL	70	554	554	116 125	SE3 SE3	151	BRK	PASS	AF	80/80 mil
08/11/15	TX-188	3:20 PM	121	JC	64	572	554	135 136	SE3 SE3	155	BRK	PASS	AF	80/80 mil
08/12/15	TX-189	8:00 AM	125	PL	64	554	554	132 156	SE3 SE3	153	BRK	PASS	AF	80/80 mil
08/12/15	TX-190	8:45 AM	121	JC	64	572	554	139 154	SE3 SE3	152	BRK	PASS	AF	80/80 mil
08/12/15	TX-191	1:00 PM	121	JC	73	572	554	116 104	SE3 SE3	132	BRK	PASS	AF	80/80 mil
08/12/15	TX-192	3:30 PM	125	PL	68	554	554	125 144	SE3 SE3	143	BRK	PASS	AF	80/80 mil
08/13/15	TX-193	9:05 AM	125	PL	72	554	554	111 116	SE3 SE3	172	BRK	PASS	AF	80/80 mil
08/13/15	TX-194	9:35 AM	001	RA	76	550	550	110 134	SE3 SE3	149	BRK	PASS	AF	80/80 mil
08/13/15	TX-195	11:30 AM	121	JC	85	572	554	116 114	SE3 SE3	120	BRK	PASS	AF	80/80 mil
08/13/15	TX-196	1:59 PM	125	PL	87	554	554	112 112	SE3 SE3	131	BRK	PASS	AF	80/80 mil
08/14/15	TX-197	8:45 AM	121	JC	65	590	572	137 153	SE3 SE3	149	BRK	PASS	AF	80/80 mil
08/14/15	TX-198	12:00 PM	121	RA	66	590	572	120 128	SE3 SE3	130	BRK	PASS	TB	80/80 mil
08/21/15	TX-199	11:35 AM	121	JC	72	590	572	104 110	SE3 SE3	135	BRK	PASS	BM	80/80 mil
08/22/15	TX-200	2:00 PM	121	JC	70	590	572	124 143	SE3 SE3	147	BRK	PASS	AF	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
08/22/15	TX-201	3:10 PM	125	PL	70	554	554	126 137	SE3 SE3	154	BRK	PASS	AF	80/80 mil
08/23/15	TX-202	2:40 PM	121	JC	70	572	554	144 123	SE3 SE3	136	BRK	PASS	AF	80/80 mil
08/23/15	TX-203	4:40 PM	125	PL	69	554	554	116 130	SE3 SE3	133	BRK	PASS	AF	80/80 mil
08/24/15	TX-204	10:45 AM	121	JC	62	590	572	150 133	SE3 SE3	156	BRK	PASS	AF	80/80 mil
08/24/15	TX-205	2:05 PM	125	PL	64	554	554	131 133	SE3 SE3	153	BRK	PASS	AF	80/80 mil
08/25/15	TX-206	10:00 AM	121	JC	68	590	572	131 145	SE3 SE3	148	BRK	PASS	BM	80/80 mil
08/26/15	TX-207	8:00 AM	121	JC	59	590	572	122 141	SE3 SE3	135	BRK	PASS	JR	80/80 mil
08/26/15	TX-208	1:45 PM	121	JC	68	590	572	120 145	SE3 SE3	132	BRK	PASS	JB	80/80 mil
08/27/15	TX-209	8:00 AM	121	JC	52	590	572	140 116	SE3 SE3	183	BRK	PASS	BM	80/80 mil
08/27/15	TX-210	1:45 PM	121	JC	65	590	572	119 134	SE3 SE3	149	BRK	PASS	AF	80/80 mil
08/28/15	TX-211	9:27 AM	121	JC	53	590	572	137 165	SE3 SE3	156	BRK	PASS	JR	80/80 mil
08/28/15	TX-212	2:00 PM	121	JC	63	590	572	148 121	SE3 SE3	160	BRK	PASS	AF	80/80 mil
08/28/15	TX-213	2:55 PM	125	PL	62	554	554	138 132	SE3 SE3	153	BRK	PASS	JR	80/80 mil
08/29/15	TX-214	8:10 AM	125	PL	60	554	554	151 139	SE3 SE3	175	BRK	PASS	SW	80/80 mil
08/29/15	TX-215	8:25 AM	001	RA	61	550	550	155 154	SE3 SE3	167	BRK	PASS	SW	80/80 mil
08/29/15	TX-216	8:10 AM	121	JC	64	590	572	144 135	SE3 SE3	134	BRK	PASS	AF	80/80 mil
08/29/15	TX-217	12:50 PM	125	PL	70	554	554	104 123	SE3 SE3	120	BRK	PASS	AF	80/80 mil
08/29/15	TX-218	1:10 PM	121	JC	70	590	572	133 117	SE3 SE3	126	BRK	PASS	AF	80/80 mil
08/31/15	TX-219	9:05 AM	125	PL	57	554	572	153 165	SE3 SE3	169	BRK	PASS	JB	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
08/31/15	TX-220	10:25 AM	121	JC	59	590	572	166 168	SE3 SE3	146	BRK	PASS	JB	80/80 mil
08/31/15	TX-221	1:00 PM	125	PL	65	590	554	135 152	SE3 SE3	162	BRK	PASS	TB	80/80 mil
09/01/15	TX-222	8:05 AM	125	PL	65	554	554	125 116	SE3 SE3	127	BRK	PASS	AF	80/80 mil
09/01/15	TX-223	4:30 PM	121	JC	62	590	572	146 155	SE3 SE3	158	BRK	PASS	AF	80/80 mil
09/02/15	TX-224	1:00 PM	121	JC	71	590	572	129 139	SE3 SE3	136	BRK	PASS	AF	80/80 mil
09/02/15	TX-225	7:50 AM	125	PL	48	550	500	138 156	SE3 SE3	177	BRK	PASS	BM	80/80 mil
09/02/15	TX-226	7:45 AM	121	JC	48	590	572	158 142	SE3 SE3	169	BRK	PASS	BM	80/80 mil
09/09/15	TX-227	2:10 PM	001	RA	68	550	545	130 123	SE3 SE3	121	BRK	PASS	JB	80/80 mil
09/09/15	TX-228	2:20 PM	121	JC	68	590	550	140 140	SE3 SE3	133	BRK	PASS	JB	80/80 mil
09/10/15	TX-229	1:09 PM	121	JC	65	608	590	11 141	SE3 SE3	122	BRK	PASS	JB	80/80 mil
09/10/15	TX-230	3:30 PM	121	JC	67	590	550	125 146	SE3 SE3	139	BRK	PASS	JB	80/80 mil
09/10/15	TX-231	3:40 PM	001	RA	67	550	550	129 143	SE3 SE3	149	BRK	PASS	JB	80/80 mil
09/11/15	TX-232	4:00 PM	121	JC	60	500	590	148 140	SE3 SE3	145	BRK	PASS	CS	80/80 mil
09/11/15	TX-233	4:20 PM	001	RA	60	550	550	148 154	SE3 SE3	163	BRK	PASS	CS	80/80 mil
09/13/15	TX-234	9:30 AM	121	JC	55	500	590	123 137	SE3 SE3	141	BRK	PASS	CS	80/80 mil
09/13/15	TX-235	1:00 PM	121	JC	70	500	590	137 123	SE3 SE3	131	BRK	PASS	CS	80/80 mil
09/14/15	TX-236	8:00 AM	001	RA	48	550	550	138 151	SE3 SE3	176	BRK	PASS	CS	80/80 mil
09/14/15	TX-237	10:45 AM	125	AR	65	599	550	136 158	SE3 SE3	146	BRK	PASS	CS	80/80 mil
09/14/15	TX-238	1:00 PM	121	JC	70	500	590	141 142	SE3 SE3	157	BRK	PASS	CS	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
09/14/15	TX-239	2:20 PM	001	RA	65	550	550	143 125	SE3 SE3	168	BRK	PASS	CS	80/80 mil
09/14/15	TX-240	2:40 PM	125	AR	65	593	550	148 154	SE3 SE3	180	BRK	PASS	CS	80/80 mil
09/15/15	TX-241	8:15 AM	121	JC	55	500	590	147 127	SE3 SE3	188	BRK	PASS	TB	80/80 mil
09/15/15	TX-242	11:15 AM	125	AR	57	500	590	122 122	SE3 SE3	142	BRK	PASS	JB	80/80 mil
09/16/15	TX-243	7:00 AM	001	RA	48	550	550	178 184	SE3 SE3	214	BRK	PASS	JB	80/80 mil
09/16/15	TX-244	10:25 AM	125	RA	62	590	550	152 150	SE3 SE3	152	BRK	PASS	JR	80/80 mil
09/16/15	TX-245	2:20 PM	121	JC	62	590	572	116 114	SE3 SE3	121	BRK	PASS	JR	80/80 mil
09/17/15	TX-246	7:00 AM	121	JC	46	500	590	130 129	SE3 SE3	179	BRK	PASS	BM	80/80 mil
09/17/15	TX-247	1:10 PM	121	JC	66	590	572	146 147	SE3 SE3	151	BRK	PASS	AF	80/80 mil
09/17/15	TX-248	2:30 PM	125	JC	67	590	500	120 133	SE3 SE3	134	BRK	PASS	AF	80/80 mil
09/18/15	TX-249	7:45 AM	121	JC	55	590	500	159 146	SE3 SE3	181	BRK	PASS	JR	80/80 mil
09/18/15	TX-250	1:30 PM	121	JC	60	590	500	138 115	SE3 SE3	138	BRK	PASS	JR	80/80 mil
09/18/15	TX-251	1:05 PM	001	RA	60	550	540	144 152	SE3 SE3	141	BRK	PASS	AF	80/80 mil
09/19/15	TX-252	7:45 AM	121	JC	42	530	590	134 112	SE3 SE3	182	BRK	PASS	TB	80/80 mil
09/19/15	TX-253	1:00 PM	121	JC	65	590	572	111 130	SE3 SE3	131	BRK	PASS	AF	80/80 mil
09/21/15	TX-254	8:20 AM	121	JC	53	590	572	130 151	SE3 SE3	160	BRK	PASS	AF	80/80 mil
09/23/15	TX-255	9:30 AM	121	JC	59	590	572	159 138	SE3 SE3	138	BRK	PASS	AF	80/80 mil
09/23/15	TX-256	9:45 AM	125	RA	59	599	590	142 157	SE3 SE3	127	BRK	PASS	AF	80/80 mil
09/23/15	TX-257	12:45 PM	125	RA	66	500	599	126 135	SE3 SE3	125	BRK	PASS	JB	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Extrusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH.	AMBIENT AIR TEMPERATURE (°F)	PRE-HEAT TEMPERATURE (°F)	EXTRUDER TEMPERATURE (°F)	TEST RESULTS					QA MONITOR	REMARKS
								PEEL		SHEAR		PASS OR FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
09/23/15	TX-258	1:30 PM	121	JC	66	590	572	113 138	SE3 SE3	143	BRK	PASS	AF	80/80 mil
09/25/15	TX-259	8:25 AM	121	JC	55	590	500	124 130	SE3 SE3	160	BRK	PASS	JR	80/80 mil
09/25/15	TX-260	4:15 PM	121	JC	66	390	500	122 123	SE3 SE3	159	BRK	PASS	AF	80/80 mil
09/26/15	TX-261	8:00 AM	121	JC	53	590	500	114 136	SE3 SE3	132	BRK	PASS	AF	80/80 mil
09/26/15	TX-262	1:00 PM	121	JC	71	590	500	132 118	SE3 SE3	118	BRK	PASS	SW	80/80 mil
09/27/15	TX-263	7:45 AM	121	JC	58	590	500	109 134	SE3 SE3	160	BRK	PASS	JR	80/80 mil
09/27/15	TX-264	7:55 AM	125	RA	58	599	590	142 127	SE3 SE3	171	BRK	PASS	AF	80/80 mil
09/27/15	TX-265	9:00 AM	104	AR	59	494	460	115 132	SE3 SE3	153	BRK	PASS	AF	80/80 mil

* Liner Deployed in the PSSA

¹ See Figures 4 for Modes

Appendix J.3

80-mil LLDPE DSMS Geomembrane Fusion & Extrusion Welding Summary

Fusion Welds

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-2/P-3	S EOS / N EOS	10/8/14	2:35 PM	63	JR	93	10.0	850	850	23	CS	DF-2	
P-1/P-3	E EOS / W EOS	10/8/14	2:45 PM	63	JD	94	10.0	850	850	134	CS		
P-1/P-2	E EOS / W EOS	10/8/14	3:00 PM	63	JD	94	10.0	850	850	116	CS		
P-3/P-4	E EOS / W EOS	10/8/14	3:10 PM	64	JT	92	10.5	850	850	135	CS		
P-2/P-4	E EOS / W EOS	10/8/14	3:25 PM	64	JT	92	10.5	850	850	100	CS		
P-4/P-5	S EOS / N EOS	10/8/14	3:26 PM	63	JD	94	10.0	850	850	23	CS		
P-2/P-5	E EOS / W EOS	10/8/14	3:35 PM	64	JT	92	10.5	850	850	15	CS		
P-4/P-6	E EOS / W EOS	10/8/14	3:39 PM	63	JD	94	10.0	850	850	234	CS	DF-1	
P-5/P-6	E EOS / W EOS	10/8/14	4:10 PM	63	JD	94	10.0	850	850	14	CS		
P-7/P-8	S EOS / N EOS	10/8/14	4:30 PM	62	JT	92	10.5	850	850	23	CS		
P-1/P-8	E EOS / W EOS	10/8/14	4:50 PM	62	JT	92	10.5	850	850	139	CS		
P-1/P-7	E EOS / W EOS	10/8/14	5:06 PM	60	JT	92	10.5	850	850	108	CS	DF-3	D20- W EOS CAPPED
P-6/P-9	E EOS / W EOS	10/8/14	5:22 PM	59	JD	94	10.0	850	850	225	CS		
P-6/P-10	E EOS / W EOS	10/8/14	6:00 PM	59	JD	94	10.0	850	850	26	CS		
P-9/P-10	N EOS / S EOS	10/8/14	6:05 PM	59	JT	92	10.5	850	850	23	CS		
P-8/P-11	E EOS / W EOS	10/21/14	10:45 AM	50	JD	94	10.0	850	850	137	DW		
P-7/P-11	E EOS / W EOS	10/21/14	11:00 AM	50	JD	94	10.0	850	850	109	DW	DF-5	
P-12/P-13	S EOS / N EOS	10/21/14	11:05 AM	53	JT	92	12.0	850	850	23	AF		
P-11/P-13	E EOS / W EOS	10/21/14	11:20 AM	53	JT	92	12.0	850	851	178	AF		
P-11/P-12	E EOS / W EOS	10/21/14	11:38 AM	55	JT	92	12.0	850	850	74	AF		
P-14/P-15	S EOS / N EOS	10/21/14	11:45 AM	55	JD	94	10.0	850	850	23	DW		
P-13/P-15	E EOS / W EOS	10/21/14	11:54 AM	55	JD	94	10.0	850	850	50	DW		
P-13/P-14	E EOS / W EOS	10/21/14	12:00 PM	55	JD	94	10.0	850	850	124	DW		
P-12/P-14	E EOS / W EOS	10/21/14	12:20 PM	55	JD	94	10.0	850	850	76	DW		
P-15/P-16	E EOS / W EOS	10/21/14	1:35 PM	60	JT	92	12.5	850	850	51	AF		
P-14/P-16	E EOS / W EOS	10/21/14	1:45 PM	60	JT	92	12.5	850	851	200	AF	DF-6	
P-16/P-17	E EOS / W EOS	10/21/14	1:53 PM	57	JD	94	10.0	850	850	254	DW	DF-7	
P-18/P-19	S EOS / N EOS	10/21/14	2:20 PM	58	JT	92	12.5	850	849	23	AF		CAPPED
P-17/P-19	E EOS / W EOS	10/21/14	2:30 PM	54	JT	92	12.5	850	850	146	AF		
P-17/P-18	E EOS / W EOS	10/21/14	2:47 PM	54	JT	92	12.5	850	850	115	AF		
P-19/P-21	E EOS / W EOS	10/21/14	3:08 PM	53	JD	94	10.0	850	850	143	DW		
P-18/P-21	E EOS / W EOS	10/21/14	3:30 PM	53	JD	94	10.0	850	850	93	DW		CAPPED
P-20/P-21	S EOS / N EOS	10/21/14	3:30 PM	56	JT	92	12.5	850	851	23	AF		
P-18/P-20	E EOS / W EOS	10/21/14	3:35 PM	53	JD	94	10.0	850	850	34	DW	DF-4	
P-21/P-22	E EOS / W EOS	10/21/14	4:00 PM	53	JT	92	12.5	850	850	229	DW	DF-8	
P-23/P-24	S EOS / N EOS	10/21/14	4:05 PM	53	JD	94	10.0	850	850	23	DW		
P-20/P-22	E EOS / W EOS	10/21/14	4:25 PM	53	JT	92	12.5	850	850	40	DW		
P-22/P-24	E EOS / W EOS	10/21/14	4:30 PM	50	JD	94	10.0	850	850	177	DW	DF-9	
P-22/P-23	E EOS / W EOS	10/21/14	4:59 PM	50	JD	94	10.0	850	850	97	DW		
P-25/P-26	S EOS / N EOS	10/24/14	8:40 AM	52	JD	94	10.0	850	845	23	NA		
P-24/P-26	E EOS / W EOS	10/24/14	9:00 AM	53	JD	94	10.0	850	849	80	NA		
P-23/P-25	E EOS / W EOS	10/24/14	9:20 AM	53	JD	94	10.0	850	852	104	NA		
P-26/P-27	E EOS / W EOS	10/24/14	9:30 AM	52	JT	92	10.0	850	851	80	AF		
P-25/P-27	E EOS / W EOS	10/24/14	9:38 AM	53	JT	92	10.0	850	851	204	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-27/P-28	E EOS / W EOS	10/24/14	9:43 AM	53	JD	94	10.0	850	847	289	NA	DF-10	
P-28/P-30	E EOS / W EOS	10/24/14	10:25 AM	55	JT	92	10.0	850	850	214	AF	DF-11	
P-28/P-29	E EOS / W EOS	10/24/14	10:52 AM	58	JT	92	10.0	850	850	79	AF		
P-30/P-31	E EOS / W EOS	10/24/14	10:55 AM	58	JD	94	10.0	850	850	212	NA		
P-29/P-31	E EOS / W EOS	10/24/14	11:23 AM	60	JD	94	10.0	850	851	86	NA	DF-12	
P-31/P-32	E EOS / W EOS	10/24/14	11:50 AM	60	JT	92	10.0	850	851	150	AF		
P-32/P-33	E EOS / W EOS	10/24/14	1:00 PM	63	JD	94	10.0	850	848	146	NA		
P-31/P-33	E EOS / W EOS	10/24/14	1:17 PM	63	JD	94	10.0	850	850	152	NA		
P-34/P-35	S EOS / N EOS	10/24/14	1:30 PM	63	JT	92	11.0	850	849	23	AF		
P-35/P-36	S EOS / N EOS	10/24/14	2:00 PM	63	JT	92	11.0	850	850	23	AF		
P-33/P-36	E EOS / W EOS	10/24/14	2:20 PM	63	JT	92	11.0	850	849	66	NA	DF-13	
P-33/P-35	E EOS / W EOS	10/24/14	2:25 PM	63	JT	92	11.0	850	851	166	NA		
P-33/P-34	E EOS / W EOS	10/24/14	2:40 PM	63	JT	92	11.0	850	850	73	NA		
P-36/P-37	E EOS / W EOS	10/25/14	8:37 AM	51	JD	94	10.0	850	850	63	NA		
P-35/P-37	E EOS / W EOS	10/25/14	8:43 AM	51	JD	94	10.0	850	850	161	NA	DF-14	
P-34/P-37	E EOS / W EOS	10/25/14	9:05 AM	51	JD	94	10.0	850	852	72	NA		
P-37/P-38	E EOS / W EOS	10/25/14	9:10 AM	52	JT	92	10.0	850	851	304	AF	DF-15	
P-39/P-40	S EOS / N EOS	10/25/14	9:38 AM	56	JD	94	10.0	850	847	23	NA		
P-40/P-41	S EOS / N EOS	10/25/14	9:53 AM	56	JD	94	10.0	850	848	23	NA		
P-38/P-41	E EOS / W EOS	10/25/14	10:05 AM	57	JD	94	10.0	850	850	158	NA		
P-42/P-43	S EOS / N EOS	10/25/14	10:45 AM	58	JT	92	10.0	850	849	23	AF		
P-41/P-43	E EOS / W EOS	10/25/14	11:00 AM	59	JT	92	10.0	850	850	82	AF		
P-38/P-40	E EOS / W EOS	10/25/14	11:05 AM	60	JD	94	10.0	850	850	72	NA		
P-41/P-42	E EOS / W EOS	10/25/14	11:14 AM	60	JT	92	10.0	850	848	73	AF		
P-38/P-39	E EOS / W EOS	10/25/14	11:15 AM	60	JD	94	10.0	850	849	72	NA	DF-16	
P-40/P-42	E EOS / W EOS	10/25/14	11:22 AM	61	JT	92	10.0	850	851	72	AF		
P-39/P-42	E EOS / W EOS	10/25/14	11:29 AM	61	JT	92	10.0	850	850	76	AF		
P-43/P-44	E EOS / W EOS	10/25/14	11:40 AM	61	JD	94	10.0	850	848	79	NA		
P-42/P-44	E EOS / W EOS	10/25/14	11:52 AM	61	JD	94	10.0	850	850	64	NA		
P-44/P-45	E EOS / W EOS	10/25/14	12:00 PM	61	JT	92	10.5	850	851	139	AF	DF-17	
P-42/P-45	E EOS / W EOS	10/25/14	12:14 PM	61	JT	92	10.5	850	850	150	AF		
P-45/P-46	S EOS / N EOS	10/25/14	12:30 PM	61	JT	92	10.5	850	852	23	AF		
P-42/P-46	E EOS / W EOS	10/25/14	12:34 PM	61	JT	92	10.5	850	851	9	AF		
P-45/P-47	E EOS / W EOS	10/25/14	1:17 PM	63	JD	94	10.0	850	848	290	NA		
P-47/P-48	E EOS / W EOS	10/25/14	1:44 PM	63	JR	92	11.0	850	850	300	AF	DF-18	
P-46/P-47	E EOS / W EOS	10/25/14	1:54 PM	63	JD	94	10.0	850	850	9	NA		
P-49/P-50	S EOS / N EOS	10/25/14	2:10 PM	63	JD	94	10.0	850	848	23	NA		
P-50/P-51	S EOS / N EOS	10/25/14	2:25 PM	63	JD	94	10.0	850	847	23	NA	DF-19	
P-48/P-51	E EOS / W EOS	10/25/14	2:40 PM	63	JD	94	10.0	850	850	151	NA		
P-48/P-50	E EOS / W EOS	10/25/14	2:58 PM	63	JD	94	10.0	850	850	68	NA		
P-48/P-49	E EOS / W EOS	10/25/14	3:05 PM	64	JD	94	10.0	850	850	80	NA		
P-51/P-52	E EOS / W EOS	10/25/14	3:35 PM	64	JR	92	11.0	850	851	151	AF		
P-52/P-53	E EOS / W EOS	10/25/14	3:45 PM	64	JD	94	10.0	850	850	217	NA	DF-20	
P-50/P-52	E EOS / W EOS	10/25/14	3:50 PM	64	JR	92	11.0	850	849	69	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-49/P-52	E EOS / W EOS	10/25/14	4:02 PM	64	JR	92	11.0	850	851	81	AF		
P-53/P-54	S EOS / N EOS	10/25/14	4:10 PM	64	JD	94	10.0	850	848	23	NA		
P-53/P-55	E EOS / W EOS	10/27/14	10:44 AM	46	JD	94	10.0	850	850	218	NA		
P-54/P-55	E EOS / W EOS	10/27/14	11:10 AM	46	JD	94	10.0	850	848	80	NA		
P-56/P-57	S EOS / N EOS	10/27/14	11:30 AM	45	JT	92	10.0	850	851	23	AF		
P-55/P-57	E EOS / W EOS	10/27/14	11:40 AM	43	JT	92	10.0	850	850	225	AF	DF-21	
P-55/P-56	E EOS / W EOS	10/27/14	12:06 PM	42	JT	92	10.0	850	848	74	AF		
P-58/P-59	S EOS / N EOS	10/27/14	12:10 PM	42	JD	94	10.0	850	848	23	NA		
P-57/P-59	E EOS / W EOS	10/27/14	12:17 PM	42	JD	94	10.0	850	850	142	NA	DF-22	
P-57/P-58	E EOS / W EOS	10/27/14	12:38 PM	42	JD	94	10.0	850	850	85	NA		
P-56/P-58	E EOS / W EOS	10/27/14	12:49 PM	42	JD	94	10.0	850	850	73	NA		
P-59/P-60	E EOS / W EOS	10/27/14	1:40 PM	43	JD	94	10.0	850	850	140	NA		
P-58/P-60	E EOS / W EOS	10/27/14	1:58 PM	43	JD	94	10.0	850	850	156	NA	DF-23	
P-61/P-62	S EOS / N EOS	10/27/14	2:00 PM	43	JT	92	10.0	850	849	23	AF		
P-60/P-62	E EOS / W EOS	10/27/14	2:20 PM	43	JT	92	10.0	850	850	220	AF	DF-24	
P-60/P-61	E EOS / W EOS	10/27/14	2:52 PM	44	JT	92	10.0	850	851	80	AF		
P-62/P-63	E EOS / W EOS	10/29/14	8:50 AM	39	JT	92	10.0	850	852	220	AF		
P-64/P-65	S EOS / N EOS	10/29/14	9:35 AM	40	JD	94	10.0	850	848	23	NA		
P-61/P-63	E EOS / W EOS	10/29/14	9:45 AM	39	JT	92	10.0	850	849	80	AF		
P-63/P-65	E EOS / W EOS	10/29/14	9:47 AM	42	JD	94	10.0	850	847	218	NA		
P-63/P-64	E EOS / W EOS	10/29/14	10:15 AM	43	JD	94	10.0	850	849	79	NA		
P-65/P-66	E EOS / W EOS	10/29/14	10:15 AM	42	JT	92	10.0	850	850	221	AF	DF-25	
P-64/P-66	E EOS / W EOS	10/29/14	10:42 AM	44	JT	92	10.0	850	851	78	AF		
P-67/P-68	S EOS / N EOS	10/29/14	10:48 AM	43	JD	94	10.0	850	846	23	NA		
P-66/P-68	E EOS / W EOS	10/29/14	11:00 AM	43	JD	94	10.0	850	850	152	NA	DF-26	
P-66/P-67	E EOS / W EOS	10/29/14	11:24 AM	46	JD	94	10.0	850	850	80	NA		
P-67/P-69	S EOS / N EOS	10/29/14	11:30 AM	47	JT	92	10.0	850	848	23	AF		
P-66/P-69	E EOS / W EOS	10/29/14	11:35 AM	47	JD	94	10.0	850	849	65	NA		
P-68/P-70	E EOS / W EOS	10/29/14	11:55 AM	47	JT	92	10.0	850	851	154	AF		
P-70/P-71	E EOS / W EOS	10/29/14	12:05 PM	48	JD	94	10.0	850	849	300	NA	DF-28	
P-67/P-70	E EOS / W EOS	10/29/14	12:12 PM	48	JT	92	10.0	850	851	82	AF		
P-69/P-70	E EOS / W EOS	10/29/14	12:21 PM	49	JT	92	10.0	850	849	65	AF	DF-27	
P-72/P-73	S EOS / N EOS	10/29/14	1:33 PM	50	JD	92	10.0	850	851	23	AF		
P-71/P-73	E EOS / W EOS	10/29/14	1:46 PM	50	JD	92	10.0	850	850	221	AF		
P-71/P-72	E EOS / W EOS	10/29/14	2:11 PM	51	JD	92	10.0	850	850	80	AF		D176 - W EOS CAPPED
P-73/P-74	E EOS / W EOS	10/29/14	2:13 PM	51	JD	94	10.0	850	850	212	NA		
P-74/P-75	E EOS / W EOS	10/29/14	2:28 PM	51	JD	92	10.0	850	851	305	AF	DF-29	D207 - W EOS CAPPED
P-72/P-74	E EOS / W EOS	10/29/14	2:39 PM	51	JD	94	10.0	850	849	80	NA		
P-75/P-76	E EOS / W EOS	10/29/14	2:40 PM	50	JD	94	10.0	850	850	78	NA		
P-76/P-77	S EOS / N EOS	10/29/14	3:18 PM	52	JD	94	10.0	850	847	23	NA		
P-77/P-78	S EOS / N EOS	10/29/14	3:34 PM	52	JD	94	10.0	849	849	23	NA		
P-75/P-78	E EOS / W EOS	10/29/14	4:15 PM	51	JD	94	10.0	850	847	145	NA	DF-30	
P-75/P-77	E EOS / W EOS	10/29/14	4:27 PM	50	JD	94	10.0	850	850	76	NA		
P-78/P-79	E EOS / W EOS	10/30/14	9:10 AM	35	JD	94	10.0	850	849	143	NA		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-77/P-79	E EOS / W EOS	10/30/14	9:22 AM	35	JD	94	10.0	850	849	75	NA		
P-76/P-79	E EOS / W EOS	10/30/14	9:33 AM	35	JD	94	10.0	850	850	79	NA	DF-31	
P-83/P-84	N EOS / S EOS	10/30/14	10:20 AM	38	JD	94	10.0	850	847	23	NA		
P-81/P-82	E EOS / W EOS	10/30/14	10:27 AM	38	JD	94	10.0	850	848	218	NA		
P-80/P-82	E EOS / W EOS	10/30/14	10:53 AM	39	JD	94	10.0	850	850	78	NA		
P-83/P-85	S EOS / N EOS	10/30/14	11:00 AM	40	JD	94	10.0	850	848	23	NA		
P-84/P-86	E EOS / W EOS	10/30/14	11:17 AM	41	JD	94	10.0	850	850	148	NA	DF-33	
P-83/P-86	E EOS / W EOS	10/30/14	11:37 AM	41	JD	94	10.0	850	850	78	NA		
P-85/P-86	E EOS / W EOS	10/30/14	11:47 AM	41	JD	94	10.0	850	850	71	NA		
P-80/P-81	S EOS / N EOS	10/30/14	9:25 AM	36	JT	92	10.0	850	851	23	AF		
P-79/P-81	E EOS / W EOS	10/30/14	9:40 AM	37	JT	92	10.0	850	849	222	AF		
P-79/P-80	E EOS / W EOS	10/30/14	10:07 AM	38	JT	92	10.0	850	850	78	AF	DF-32	
P-82/P-84	E EOS / W EOS	10/30/14	10:40 AM	40	JT	92	10.0	850	851	151	AF		
P-82/P-83	E EOS / W EOS	10/30/14	11:00 AM	41	JT	92	10.0	850	848	80	AF		
P-82/P-85	E EOS / W EOS	10/30/14	11:08 AM	41	JT	92	10.0	850	850	70	AF		
P-86/P-87	E EOS / W EOS	10/31/14	9:10 AM	41	JD	94	10.0	850	850	296	NA		
P-92/P-93	S EOS / N EOS	10/31/14	10:10 AM	43	JD	94	10.0	850	849	23	NA	DF-35	
P-89/P-90	E EOS / W EOS	10/31/14	10:20 AM	44	JD	94	10.0	850	850	249	NA		
P-91/P-92	S EOS / N EOS	10/31/14	10:50 AM	48	JD	94	10.0	850	848	23	NA		
P-88/P-90	E EOS / W EOS	10/31/14	10:55 AM	48	JD	94	10.0	850	849	50	NA		
P-93/P-94	E EOS / W EOS	10/31/14	11:18 AM	50	JD	94	10.0	850	850	122	NA		
P-92/P-94	E EOS / W EOS	10/31/14	11:32 AM	50	JD	94	10.0	850	850	78	NA	DF-36	
P-91/P-94	E EOS / W EOS	10/31/14	11:42 AM	51	JD	94	10.0	850	849	71	NA		
P-91/P-95	E EOS / W EOS	10/31/14	11:52 AM	51	JD	94	10.0	850	850	29	NA		
P-87/P-89	E EOS / W EOS	10/31/14	9:35 AM	38	JT	92	10.0	850	850	248	DW	DF-34	
P-87/P-88	E EOS / W EOS	10/31/14	10:06 AM	42	JT	92	10.0	850	851	48	DW		
P-88/P-89	S EOS / N EOS	10/31/14	9:25 AM	38	JT	92	10.0	850	850	23	DW		
P-90/P-93	E EOS / W EOS	10/31/14	10:30 AM	47	JT	92	10.0	850	849	121	DW		
P-90/P-92	E EOS / W EOS	10/31/14	10:47 AM	47	JT	92	10.0	850	850	78	DW		
P-90/P-91	E EOS / W EOS	10/31/14	10:56 AM	47	JT	92	10.0	850	850	99	DW		
P-94/P-95	S EOS / N EOS	10/31/14	11:35 AM	52	JT	92	10.0	850	849	23	DW		
P-94/P-96	E EOS / W EOS	11/1/14	9:00 AM	47	JD	94	10.0	850	850	269	NA		
P-97/P-98	S EOS / N EOS	11/1/14	9:15 AM	48	JT	92	10.0	850	850	23	DW		
P-96/P-98	E EOS / W EOS	11/1/14	9:30 AM	48	JT	92	10.0	850	849	253	DW	DF-38	
P-95/P-96	E EOS / W EOS	11/1/14	9:33 AM	47	JD	94	10.0	850	850	31	NA		
P-98/P-99	E EOS / W EOS	11/1/14	9:55 AM	47	JD	94	10.0	850	848	252	NA	DF-37	
P-96/P-97	E EOS / W EOS	11/1/14	10:00 AM	46	JT	92	10.0	850	850	44	DW		
P-97/P-99	E EOS / W EOS	11/1/14	10:27 AM	47	JD	94	10.0	850	850	46	NA		
P-100/P-101	S EOS / N EOS	11/1/14	10:58 AM	49	JD	94	10.0	850	846	23	NA		
P-101/P-102	S EOS / N EOS	11/1/14	11:17 AM	49	JD	94	10.0	850	847	23	NA		
P-99/P-102	E EOS / W EOS	11/1/14	11:35 AM	50	JD	94	10.0	850	850	97	NA		
P-99/P-101	E EOS / W EOS	11/1/14	11:47 AM	50	JD	94	10.0	850	850	125	NA	DF-39	
P-102/P-103	E EOS / W EOS	11/1/14	11:55 AM	48	JT	92	10.0	850	851	95	DW		
P-101/P-103	E EOS / W EOS	11/1/14	12:05 PM	48	JT	92	10.0	850	850	106	DW	DF-40	

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-99/P-100	E EOS / W EOS	11/1/14	12:05 PM	50	JD	94	10.0	850	850	76	NA		
P-100/P-103	E EOS / W EOS	11/1/14	12:20 PM	48	JT	92	10.0	850	849	47	DW		Covered by P-201
P-103/P-104	S EOS / N EOS	11/1/14	12:20 PM	50	JD	94	10.0	850	850	23	NA		Covered by P-201
P-100/P-104	E EOS / W EOS	11/1/14	12:25 PM	49	JT	92	10.0	850	850	30	DW		Covered by P-201
P-103/P-105	E EOS / W EOS	11/1/14	1:32 PM	50	JD	94	10.0	850	849	167	NA		
P-105/P-106	E EOS / W EOS	11/1/14	2:05 PM	50	JT	92	10.0	850	850	157	DW		
P-104/P-105	E EOS / W EOS	11/1/14	2:10 PM	50	JD	94	10.0	850	850	157	NA		Covered by P-201 & P-202
P-107/P-108	S EOS / N EOS	11/1/14	2:40 PM	50	JD	94	10.0	850	848	157	NA		Covered by P-203 & P-204
P-106/P-108	E EOS / W EOS	11/1/14	2:55 PM	51	JD	94	10.0	850	850	157	NA	DF-41	
P-106/P-107	E EOS / W EOS	11/1/14	3:25 PM	51	JD	94	10.0	850	850	78	NA		Covered by P-204
P-108/P-109	E EOS / W EOS	11/1/14	3:40 PM	55	JT	92	10.0	850	851	144	DW	DF-42	
P-107/P-109	E EOS / W EOS	11/1/14	4:11 PM	55	JT	92	10.0	850	850	75	DW		Covered by P-204, P-205 & P-206
P-110/P-111	S EOS / N EOS	11/1/14	4:15 PM	53	JD	94	10.0	850	848	23	NA		Covered by P-207
P-111/P-112	S EOS / N EOS	11/1/14	4:42 PM	53	JD	94	10.0	850	846	23	NA		
P-109/P-112	E EOS / W EOS	11/1/14	4:50 PM	52	JD	94	10.0	850	850	65	NA		
P-109/P-111	E EOS / W EOS	11/1/14	5:05 PM	52	JD	94	10.0	850	850	86	NA		
P-109/P-110	E EOS / W EOS	11/1/14	5:25 PM	52	JD	94	10.0	850	850	78	NA	DF-43	Covered by P-207
P-112/P-113	E EOS / W EOS	11/1/14	5:28 PM	53	JT	92	10.0	850	849	64	DW		
P-111/P-113	E EOS / W EOS	11/1/14	5:31 PM	53	JT	92	10.0	850	850	76	DW		
P-110/P-113	E EOS / W EOS	11/1/14	5:45 PM	53	JT	92	10.0	850	850	80	DW		Covered by P-207
P-113/P-114	E EOS / W EOS	11/1/14	5:55 PM	50	JD	94	10.0	850	850	136	NA		
P-9/P-115	E EOS / W EOS	11/6/14	8:45 AM	46	JT	92	8.0	850	849	195	NA	DF-44	
P-10/P-115	E EOS / W EOS	11/6/14	9:13 AM	46	JT	92	8.0	850	851	26	NA		
P-115/P-116	E EOS / W EOS	11/6/14	9:30 AM	48	JT	92	8.0	850	851	116	NA		
P-116/P-117	S EOS / N EOS	11/6/14	9:55 AM	49	JT	92	8.0	850	851	23	NA		
P-115/P-117	E EOS / W EOS	11/6/14	10:02 AM	49	JT	92	8.0	850	849	80	NA	DF-45	
P-116/P-118	E EOS / W EOS	11/6/14	10:25 AM	49	JT	92	8.0	850	850	34	NA		
P-118/P-119	S EOS / N EOS	11/6/14	11:25 AM	52	JT	92	8.0	850	851	11	NA		
P-116/P-119	E EOS / W EOS	11/6/14	11:33 AM	52	JT	92	8.0	850	849	11	NA		
P-117/P-119	E EOS / W EOS	11/6/14	11:34 AM	52	JT	92	8.0	850	850	78	NA		
P-117/P-122	S EOS / N EOS	11/6/14	11:48 AM	52	JT	92	8.0	850	848	23	NA		
P-120/P-121	S EOS / N EOS	11/6/14	11:51 AM	52	JT	92	8.0	850	850	4	NA		
P-119/P-121	W EOS / E EOS	11/6/14	11:55 AM	52	JT	92	8.0	850	850	13	NA		
P-119/P-120	W EOS / E EOS	11/6/14	12:03 PM	52	JT	92	8.0	850	851	44	NA		
P-120/P-123	S EOS / N EOS	11/6/14	12:10 PM	52	JT	92	8.0	850	848	11	NA		
P-124/P-125	W EOS / E EOS	6/2/15	2:50 PM	65	JR	92	11.0	850	850	299	KS	DF-46	
P-125/P-126	W EOS / E EOS	6/2/15	3:18 PM	66	RR	94	11.0	850	850	293	KS	DF-47	
P-126/P-127	W EOS / E EOS	6/2/15	3:56 PM	66	JR	92	11.0	850	850	295	KS		
P-128/P-129	N EOS / S EOS	6/2/15	4:32 PM	67	RR	94	11.0	850	848	23	KS		
P-129/P-130	N EOS / S EOS	6/2/15	4:46 PM	67	RR	94	11.0	850	849	23	KS		
P-130/P-131	N EOS / S EOS	6/2/15	4:47 PM	67	JR	92	11.0	850	850	23	KS		
P-127/P-131	W EOS / E EOS	6/2/15	4:53 PM	67	JR	92	11.0	850	850	51	KS		
P-127/P-130	W EOS / E EOS	6/2/15	5:01 PM	67	JR	92	11.0	850	850	83	KS	DF-48	
P-127/P-129	W EOS / E EOS	6/2/15	5:10 PM	66	JR	92	11.0	850	850	82	KS		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-127/P-128	W EOS / E EOS	6/2/15	5:18 PM	66	JR	92	11.0	850	850	81	KS		
P-124/P-132	W EOS / E EOS	6/2/15	5:29 PM	66	RR	94	11.0	850	849	303	KS		
P-132/P-133	E EOS / W EOS	6/2/15	6:25 PM	65	RR	94	11.0	850	850	123	KS	DF-49	CAPPED D341 - W EOS
P-133/P-134	W EOS / E EOS	6/2/15	6:50 PM	64	RR	94	11.0	850	850	72	KS		
P-134/P-135	W EOS / E EOS	6/3/15	9:20 AM	54	JR	92	11.0	850	850	26	SW		
P-131/P-136	W EOS / E EOS	6/3/15	11:40 AM	54	JR	92	11.0	850	850	52	KS		
P-130/P-136	W EOS / E EOS	6/3/15	11:48 AM	54	JR	92	11.0	850	850	81	KS		CAPPED D367 - E EOS
P-129/P-136	W EOS / E EOS	6/3/15	Failed Seam (Capped)							82	KS		
P-128/P-136	W EOS / E EOS	6/3/15	12:06 PM	54	JR	92	11.0	850	849	81	KS	DF-50	
P-136/P-137	W EOS / E EOS	6/3/15	12:09 PM	60	RR	94	11.0	850	854	296	MT	DF-51	
P-137/P-138	W EOS / E EOS	6/3/15	1:42 PM	58	RR	94	11.0	850	854	297	MT		
P-139/P-140	N EOS / S EOS	6/3/15	2:20 PM	58	JR	92	11.0	850	849	23	MT		
P-140/P-141	N EOS / S EOS	6/3/15	2:43 PM	58	JR	92	11.0	850	849	23	KS		
P-141/P-142	N EOS / S EOS	6/3/15	2:50 PM	55	JR	92	11.0	850	850	23	KS		
P-138/P-142	W EOS / E EOS	6/3/15	3:00 PM	55	JR	92	11.0	850	850	50	KS		
P-138/P-141	W EOS / E EOS	6/3/15	3:09 PM	55	JR	92	11.0	850	850	83	KS		
P-138/P-140	W EOS / E EOS	6/3/15	3:18 PM	55	JR	92	11.0	850	850	83	KS		
P-138/P-139	W EOS / E EOS	6/3/15	3:26 PM	55	JR	92	11.0	850	850	81	KS		
P-142/P-143	W EOS / E EOS	6/3/15	4:18 PM	55	RR	94	11.0	850	850	50	MT		
P-141/P-143	W EOS / E EOS	6/3/15	4:25 PM	55	RR	94	11.0	850	850	80	MT	DF-52	
P-140/P-143	W EOS / E EOS	6/3/15	4:30 PM	56	RR	94	11.0	850	850	84	MT		
P-139/P-143	W EOS / E EOS	6/3/15	4:45 PM	56	RR	94	11.0	850	850	85	MT		
P-143/P-144	W EOS / E EOS	6/4/15	8:37 AM	59	RR	94	11.0	850	850	294	GA		
P-144/P-145	W EOS / E EOS	6/4/15	8:55 AM	59	JR	92	11.0	850	848	304	PO	DF-53	
P-146/P-147	N EOS / S EOS	6/4/15	9:43 AM	66	RR	94	11.0	850	850	22	GA		
P-147/P-148	N EOS / S EOS	6/4/15	9:52 AM	68	RR	94	11.0	850	850	22	GA		
P-145/P-148	W EOS / E EOS	6/4/15	10:01 AM	68	RR	94	11.0	850	850	71	GA	DF-54	
P-145/P-147	W EOS / E EOS	6/4/15	10:10 AM	69	RR	94	11.0	850	850	145	GA		
P-145/P-146	W EOS / E EOS	6/4/15	10:22 AM	69	RR	94	11.0	850	850	81	GA		
P-148/P-149	W EOS / E EOS	6/4/15	10:25 AM	67	JR	92	11.0	850	850	69	PO		
P-147/P-149	W EOS / E EOS	6/4/15	10:36 AM	67	JR	92	11.0	850	849	145	PO		
P-149/P-150	W EOS / E EOS	6/4/15	10:55 AM	70	RR	94	11.0	850	850	297	GA	DF-56	
P-146/P-149	W EOS / E EOS	6/4/15	10:59 AM	68	JR	92	11.0	850	850	81	PO	DF-55	
P-150/P-151	W EOS / E EOS	6/4/15	11:20 AM	67	JR	92	11.0	850	850	301	PO		
P-152/P-153	N EOS / S EOS	6/4/15	1:15 PM	70	JR	92	11.0	850	849	22	PO		
P-153/P-154	N EOS / S EOS	6/4/15	1:25 PM	70	JR	92	11.0	850	850	22	PO		
P-154/P-155	N EOS / S EOS	6/4/15	1:45 PM	70	RR	94	11.0	850	850	23	GA		
P-151/P-155	W EOS / E EOS	6/4/15	1:51 PM	70	RR	94	11.0	850	850	48	GA		
P-151/P-154	W EOS / E EOS	6/4/15	1:54 PM	70	RR	94	11.0	850	850	84	GA		
P-155/P-156	W EOS / E EOS	6/4/15	2:06 PM	71	JR	92	11.0	850	849	51	PO	DF-57	
P-154/P-156	W EOS / E EOS	6/4/15	2:25 PM	71	RR	94	11.0	850	850	84	GA		CAPPED D372 - E EOS
P-153/P-156	W EOS / E EOS	6/4/15	2:35 PM	71	RR	94	11.0	850	850	84	GA	DF-58	
P-152/P-156	W EOS / E EOS	6/4/15	2:40 PM	71	RR	94	11.0	850	850	84	GA		
P-151/P-153	W EOS / E EOS	6/4/15	2:50 PM	70	RR	94	11.0	850	850	82	GA		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-151/P-152	W EOS / E EOS	6/4/15	2:57 PM	70	RR	94	11.0	850	850	82	GA		
P-156/P-157	W EOS / E EOS	6/6/15	6:35 AM	42	JR	92	11.5	800	798	300	PO		
P-157/P-158	W EOS / E EOS	6/6/15	7:44 AM	40	RR	94	11.0	800	800	294	GA	DF-59	
P-158/P-159	W EOS / E EOS	6/6/15	8:50 AM	40	RR	94	11.0	800	800	293	GA		
P-159/P-160	W EOS / E EOS	6/6/15	9:22 AM	44	JR	92	11.5	800	800	301	PO	DF-60	
P-161/P-162	N EOS / S EOS	6/6/15	10:12 AM	40	RR	94	11.0	800	800	22	GA		
P-162/P-163	N EOS / S EOS	6/6/15	10:23 AM	40	RR	94	11.0	800	800	23	GA		
P-163/P-164	N EOS / S EOS	6/6/15	10:32 AM	40	RR	94	11.0	800	800	22	GA		
P-160/P-164	W EOS / E EOS	6/6/15	10:40 AM	40	RR	94	11.0	800	800	75	GA	DF-61	
P-160/P-163	W EOS / E EOS	6/6/15	10:45 AM	40	RR	94	11.0	800	800	76	GA		
P-160/P-162	W EOS / E EOS	6/6/15	10:51 AM	40	RR	94	11.0	800	800	74	GA		
P-160/P-161	W EOS / E EOS	6/6/15	10:59 AM	40	RR	94	11.0	800	800	74	GA		
P-164/P-165	W EOS / E EOS	6/6/15	11:13 AM	53	JR	92	11.5	800	800	73	PO		
P-163/P-165	W EOS / E EOS	6/6/15	11:30 AM	53	JR	92	11.5	800	800	75	PO		
P-162/P-165	W EOS / E EOS	6/6/15	11:40 AM	53	JR	92	11.5	800	800	75	PO		
P-161/P-165	W EOS / E EOS	6/6/15	11:48 AM	53	JR	92	11.5	800	800	80	PO		
P-165/P-166	W EOS / E EOS	6/6/15	11:50 AM	56	RR	94	11.0	800	800	147	GA		
P-166/P-167	W EOS / E EOS	6/6/15	1:30 PM	68	RR	94	11.0	800	800	148	GA	DF-62	
P-165/P-167	W EOS / E EOS	6/6/15	1:46 PM	68	RR	94	11.0	800	800	152	GA		
P-167/P-168	W EOS / E EOS	6/6/15	2:00 PM	53	JR	92	11.5	800	800	297	PO	DF-63	
P-168/P-169	W EOS / E EOS	6/7/15	11:35 AM	59	JC	92	12.0	800	800	296	PO	DF-64	
P-169/P-170	W EOS / E EOS	6/7/15	11:49 AM	66	RR	94	12.0	800	800	299	GA	DF-65	
P-170/P-171	W EOS / E EOS	6/7/15	1:10 PM	63	JC	92	12.0	800	800	298	PO		
P-171/P-172	W EOS / E EOS	6/7/15	1:30 PM	63	RR	94	12.0	800	800	295	GA		
P-173/P-174	N EOS / S EOS	6/8/15	8:51 AM	56	JR	92	12.0	800	797	23	AF		
P-174/P-175	N EOS / S EOS	6/8/15	9:02 AM	57	JR	92	12.0	800	800	23	AF		
P-175/P-176	N EOS / S EOS	6/8/15	9:10 AM	57	JR	92	12.0	800	800	23	AF		
P-172/P-176	W EOS / E EOS	6/8/15	9:15 AM	58	JR	92	12.0	800	800	50	AF		
P-172/P-175	W EOS / E EOS	6/8/15	9:21 AM	58	JR	92	12.0	800	800	85	AF	DF-66	
P-172/P-174	W EOS / E EOS	6/8/15	9:28 AM	59	JR	92	12.0	800	800	83	AF		
P-176/P-177	W EOS / E EOS	6/8/15	9:30 AM	55	RR	94	11.0	800	800	47	GE		
P-172/P-173	W EOS / E EOS	6/8/15	9:33 AM	59	JR	92	12.0	800	799	83	AF		
P-175/P-177	W EOS / E EOS	6/8/15	9:40 AM	56	RR	94	11.0	800	800	80	GE		
P-174/P-177	W EOS / E EOS	6/8/15	9:45 AM	56	RR	94	11.0	800	800	82	GE	DF-67	
P-173/P-177	W EOS / E EOS	6/8/15	9:49 AM	56	RR	94	11.0	800	800	82	GE		
P-178/P-179	N EOS / S EOS	6/8/15	10:13 AM	59	JR	92	12.0	800	800	23	AF		CAPPED N EOS - D502
P-179/P-180	N EOS / S EOS	6/8/15	10:24 AM	59	JR	92	12.0	800	799	23	AF		
P-180/P-181	N EOS / S EOS	6/8/15	10:30 AM	59	JR	92	12.0	800	800	23	AF		
P-177/P-181	W EOS / E EOS	6/8/15	10:40 AM	60	JR	92	12.0	800	800	50	AF		
P-177/P-180	W EOS / E EOS	6/8/15	10:46 AM	60	JR	92	12.0	800	801	82	AF		
P-177/P-179	W EOS / E EOS	6/8/15	10:53 AM	60	JR	92	12.0	800	800	81	AF	DF-68	
P-181/P-182	W EOS / E EOS	6/8/15	10:54 AM	61	RR	94	11.0	800	800	47	GE		
P-177/P-178	W EOS / E EOS	6/8/15	11:00 AM	60	JR	92	12.0	800	800	85	AF		
P-180/P-182	W EOS / E EOS	6/8/15	11:02 AM	61	RR	94	11.0	800	800	81	GE		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-179/P-182	W EOS / E EOS	6/8/15	11:10 AM	61	RR	94	11.0	800	800	82	GE		
P-178/P-182	W EOS / E EOS	6/8/15	11:16 AM	61	RR	94	11.0	800	800	80	GE	DF-69	
P-184/P-185	W EOS / E EOS	6/9/15	9:40 AM	43	RR	94	12.0	800	800	95	GA		
P-183/P-184	W EOS / E EOS	6/9/15	9:42 AM	68	JR	92	12.0	800	799	126	AF		
P-185/P-186	W EOS / E EOS	6/9/15	10:13 AM	70	RR	94	12.0	800	800	85	GA		
P-186/P-187	W EOS / E EOS	6/9/15	10:43 AM	70	RR	94	12.0	800	800	90	GA		
P-185/P-188	N EOS / S EOS	6/9/15	11:15 AM	70	RR	94	12.0	800	800	23	GA		
P-186/P-188	W EOS / E EOS	6/9/15	11:20 AM	70	RR	94	12.0	800	800	13	GA		
P-184/P-188	W EOS / E EOS	6/9/15	11:22 AM	70	RR	94	12.0	800	800	13	GA		
P-183/P-189	W EOS / E EOS	6/9/15	11:35 AM	74	JR	92	12.0	800	800	142	AF		
P-189/P-190	W EOS / E EOS	6/9/15	12:55 PM	70	RR	94	12.0	800	800	152	GA		
P-190/P-191	W EOS / E EOS	6/9/15	1:20 PM	72	JR	92	12.0	800	800	167	AF	DF-70	
P-192/P-193	N EOS / S EOS	6/9/15	1:42 PM	70	RR	94	12.0	800	800	23	GA	DF-71	
P-191/P-192	W EOS / E EOS	6/9/15	1:57 PM	70	RR	94	12.0	800	800	20	GA		
P-191/P-193	W EOS / E EOS	6/9/15	1:59 PM	70	RR	94	12.0	800	800	157	GA		
P-192/P-194	W EOS / E EOS	6/9/15	2:18 PM	74	JR	92	12.0	800	800	31	AF		
P-193/P-194	W EOS / E EOS	6/9/15	2:23 PM	74	JR	92	12.0	800	800	158	AF		
P-194/P-195	W EOS / E EOS	6/9/15	2:44 PM	70	RR	94	12.0	800	800	205	GA		
P-195/P-196	W EOS / E EOS	6/9/15	3:10 PM	75	JR	92	12.0	800	800	152	AF		
P-196/P-197	N EOS / S EOS	6/9/15	3:24 PM	75	JR	92	12.0	800	800	23	AF		
P-195/P-197	W EOS / E EOS	6/9/15	3:26 PM	75	JR	92	12.0	800	800	69	AF	DF-72	
P-196/P-198	W EOS / E EOS	6/9/15	3:45 PM	80	RR	94	12.0	800	800	156	GA	DF-73	
P-197/P-198	W EOS / E EOS	6/9/15	4:06 PM	80	RR	94	12.0	800	800	68	GA		
P-199/P-200	N EOS / S EOS	6/9/15	4:33 PM	74	JR	92	12.0	800	800	23	AF		
P-198/P-200	W EOS / E EOS	6/9/15	4:45 PM	74	JR	92	12.0	800	800	157	AF		
P-198/P-199	W EOS / E EOS	6/9/15	5:00 PM	73	JR	92	12.0	800	800	77	AF		
P-204/P-205	E EOS / W EOS	06/10/15	1:20 PM	70	RR	94	12.0	800	800	110	GA		
P-205/P-206	S EOS / N EOS	06/10/15	1:33 PM	70	RR	94	12.0	800	800	23	GA		
P-204/P-206	E EOS / W EOS	06/10/15	1:36 PM	70	RR	94	12.0	800	800	18	GA		
P-109/P-207	E EOS / W EOS	06/10/15	1:53 PM	70	RR	94	12.0	800	800	9	GA		
P-205/P-207	E EOS / W EOS	06/10/15	1:55 PM	70	RR	94	12.0	800	800	109	GA		
P-206/P-207	E EOS / W EOS	06/10/15	2:04 PM	70	RR	94	12.0	800	800	20	GA	DF-75	
P-111/P-207	S EOS / N EOS	06/10/15	2:14 PM	70	RR	94	12.0	800	800	23	GA		
P-111/P-208	E EOS / W EOS	06/10/15	Failed Seam (Capped)							13	GA		Repair D605
P-207/P-208	E EOS / W EOS	06/10/15	2:17 PM	70	RR	94	12.0	800	800	139	GA		
P-114/P-209	S EOS / N EOS	06/10/15	2:28 PM	70	RR	94	12.0	800	800	20	GA		
P-113/P-208	S EOS / N EOS	06/10/15	2:42 PM	73	RR	94	12.0	800	800	23	GA		
P-114/P-208	E EOS / W EOS	06/10/15	2:55 PM	73	RR	94	12.0	800	800	65	GA		
P-208/P-209	E EOS / W EOS	06/10/15	3:00 PM	73	RR	94	12.0	800	800	64	GA		
P-209/P-210	S EOS / N EOS	06/10/15	3:12 PM	73	RR	94	12.0	800	800	20	GA		
P-208/P-210	E EOS / W EOS	06/10/15	3:22 PM	73	RR	94	12.0	800	800	20	GA		
P-100/P-201	E EOS / W EOS	06/10/15	11:15 AM	70	RR	94	12.0	800	800	56	AF		
P-103/P-201	S EOS / N EOS	06/10/15	11:22 AM	70	RR	94	12.0	800	800	23	AF		
P-103/P-202	E EOS / W EOS	06/10/15	11:40 AM	70	RR	94	12.0	800	801	30	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-201/P-202	E EOS / W EOS	06/10/15	11:42 AM	70	RR	94	12.0	800	800	89	AF		
P-105/P-202	S EOS / N EOS	06/10/15	11:54 AM	70	RR	94	12.0	800	800	23	AF		CAPPED D575 - N EOS
P-105/P-203	E EOS / W EOS	06/10/15								18	AF		Repair D586
P-202/P-203	E EOS / W EOS	06/10/15	12:10 PM	70	RR	94	12.0	800	800	120	AF		
P-106/P-203	S EOS / N EOS	06/10/15	12:30 PM	70	RR	94	12.0	800	800	23	GA	DF-74	
P-106/P-204	E EOS / W EOS	06/10/15								12	GA		Repair D589
P-203/P-204	E EOS / W EOS	06/10/15	12:42 PM	70	RR	94	12.0	800	800	130	GA		
P-108/P-204	S EOS / N EOS	06/10/15	1:03 PM	70	RR	94	12.0	800	800	23	GA		
P-109/P-205	S EOS / N EOS	06/10/15	1:10 PM	70	RR	94	12.0	800	800	23	GA		
P-109/P-204	E EOS / W EOS	06/10/15	1:16 PM	70	RR	94	12.0	800	800	13	GA		
P-201/P-211	E EOS / W EOS	6/10/15	3:30 PM	73	RR	94	12.0	800	800	21	GA		
P-101/P-201	E EOS / W EOS	6/10/15								10	GA		Repair D588
P-212/P-213	W EOS / E EOS	6/11/15	10:14 AM	64	RR	94	12.0	800	800	254	GA	DF-76	
P-200/P-212	W EOS / E EOS	6/11/15	10:14 AM	64	JR	92	12.0	800	800	170	AF		
P-199/P-212	W EOS / E EOS	6/11/15	10:27 AM	64	JR	92	12.0	800	800	75	AF	DF-77	
P-213/P-214	W EOS / E EOS	6/11/15	10:48 AM	63	JR	92	12.0	800	800	261	AF		
P-214/P-215	W EOS / E EOS	6/11/15	11:10 AM	68	RR	94	12.0	800	800	265	GA		
P-215/P-216	W EOS / E EOS	6/11/15	11:55 AM	59	JR	92	12.0	800	800	275	AF	DF-78	
P-216/P-217	W EOS / E EOS	6/11/15	12:35 PM	68	RR	94	12.0	800	800	280	GA	DF-79	
P-217/P-218	W EOS / E EOS	6/11/15	2:12 PM	60	JR	92	12.0	800	800	268	AF		
P-218/P-219	W EOS / E EOS	6/11/15	2:49 PM	64	RR	94	12.0	800	800	275	GA	DF-80	
P-219/P-220	W EOS / E EOS	6/17/15	2:11 PM	68	JR	92	12.0	800	801	287	AF	DF-81	
P-221/P-222	N EOS / S EOS	6/17/15	2:32 PM	64	RR	94	12.0	800	800	23	GA		
P-222/P-223	N EOS / S EOS	6/17/15	3:00 PM	64	RR	94	12.0	800	800	23	GA		
P-220/P-224	W EOS / E EOS	6/17/15	3:04 PM	70	JR	92	12.0	800	800	73	AF		
P-223/P-224	N EOS / S EOS	6/17/15	3:20 PM	64	RR	94	12.0	800	800	22	GA		
P-220/P-223	W EOS / E EOS	6/17/15	3:30 PM	70	JR	92	12.0	800	800	32	AF		
P-220/P-222	W EOS / E EOS	6/17/15	3:41 PM	70	JR	92	12.0	800	800	113	AF		
P-224/P-225	W EOS / E EOS	6/17/15	3:46 PM	67	RR	94	12.0	800	800	77	GA		
P-220/P-221	W EOS / E EOS	6/17/15	3:48 PM	70	JR	92	12.0	800	800	81	AF		
P-223/P-225	W EOS / E EOS	6/17/15	3:55 PM	67	RR	94	12.0	800	800	33	GA		
P-222/P-225	W EOS / E EOS	6/17/15	3:58 PM	67	RR	94	12.0	800	800	113	GA		
P-221/P-225	W EOS / E EOS	6/17/15	4:15 PM	67	RR	94	12.0	800	800	90	GA		
P-226/P-227	N EOS / S EOS	6/17/15	4:16 PM	71	JR	92	12.0	800	800	23	AF	DF-82	
P-227/P-228	N EOS / S EOS	6/17/15	4:30 PM	71	JR	92	12.0	800	800	23	AF		
P-228/P-229	N EOS / S EOS	6/17/15	4:35 PM	70	JR	92	12.0	800	800	23	AF		
P-225/P-229	W EOS / E EOS	6/17/15	4:48 PM	70	JR	92	12.0	800	800	93	AF		
P-225/P-228	W EOS / E EOS	6/17/15	5:00 PM	69	JR	92	12.0	800	801	122	AF		
P-229/P-230	W EOS / E EOS	6/17/15	5:05 PM	70	RR	94	12.0	800	800	95	GA		
P-225/P-227	W EOS / E EOS	6/17/15	5:09 PM	68	JR	92	12.0	800	800	97	AF		
P-228/P-230	W EOS / E EOS	6/17/15	5:11 PM	70	RR	94	12.0	800	800	119	GA	DF-83	
P-225/P-226	W EOS / E EOS	6/17/15	5:16 PM	68	JR	92	12.0	800	800	16	AF		
P-227/P-230	W EOS / E EOS	6/17/15	5:21 PM	70	RR	94	12.0	800	800	95	GA		
P-226/P-230	W EOS / E EOS	6/17/15	5:30 PM	70	RR	94	12.0	800	800	28	GA		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-231/P-232	N EOS / S EOS	6/17/15	5:55 PM	65	JR	92	12.0	800	800	23	AF		
P-232/P-233	N EOS / S EOS	6/17/15	6:10 PM	63	JR	92	12.0	800	800	23	AF		
P-230/P-233	W EOS / E EOS	6/17/15	6:13 PM	70	RR	94	12.0	800	800	91	GA		
P-230/P-231	W EOS / E EOS	6/17/15	6:20 PM	70	RR	94	12.0	800	800	24	GA		
P-233/P-234	N EOS / S EOS	6/17/15	6:22 PM	62	JR	92	12.0	800	800	23	AF		
P-230/P-232	W EOS / E EOS	6/17/15	6:22 PM	70	RR	94	12.0	800	800	84	GA		
P-234/P-235	N EOS / S EOS	6/17/15	6:30 PM	62	JR	92	12.0	800	741	23	AF		
P-230/P-235	W EOS / E EOS	6/17/15	6:40 PM	61	JR	92	12.0	800	800	46	AF	DF-84	
P-230/P-234	W EOS / E EOS	6/17/15	6:45 PM	60	JR	92	12.0	800	800	103	AF		
P-235/P-236	W EOS / E EOS	6/18/15	1:10 PM	70	JR	92	12.0	800	800	52	AF		
P-234/P-236	W EOS / E EOS	6/18/15	1:16 PM	69	JR	92	12.0	800	800	104	AF		
P-237/P-238	N EOS / S EOS	6/18/15	1:20 PM	69	RR	94	12.0	800	800	23	GA		
P-233/P-236	W EOS / E EOS	6/18/15	1:26 PM	69	JR	92	12.0	800	800	93	AF		
P-232/P-236	W EOS / E EOS	6/18/15	1:33 PM	70	JR	92	12.0	800	800	85	AF		
P-236/P-238	W EOS / E EOS	6/18/15	1:34 PM	69	RR	94	12.0	800	800	258	GA	DF-86	
P-231/P-236	W EOS / E EOS	6/18/15	1:41 PM	70	JR	92	12.0	800	800	31	AF	DF-85	
P-236/P-237	E EOS / W EOS	6/18/15	1:52 PM	70	JR	92	12.0	800	800	55	AF		
P-238/P-239	E EOS / W EOS	6/18/15	2:15 PM	71	JR	92	12.0	800	800	264	AF		
P-239/P-240	E EOS / W EOS	6/18/15	2:24 PM	69	RR	94	12.0	800	800	56	GA		
P-239/P-242	W EOS / E EOS	6/18/15	2:41 PM	70	JR	92	12.0	800	800	104	AF		
P-240/P-241	N EOS / S EOS	6/18/15	2:54 PM	69	RR	94	12.0	800	800	23	GA		
P-241/P-242	N EOS / S EOS	6/18/15	2:56 PM	69	JR	92	12.0	800	800	23	AF		
P-239/P-241	E EOS / W EOS	6/18/15	2:56 PM	68	RR	94	12.0	800	800	53	GA		
P-241/P-243	E EOS / W EOS	6/18/15	3:10 PM	68	JR	92	12.0	800	800	55	AF	DF-87	
P-243/P-244	E EOS / W EOS	6/18/15	3:12 PM	68	RR	94	12.0	800	800	50	GA		
P-242/P-243	E EOS / W EOS	6/18/15	3:16 PM	68	JR	92	12.0	800	800	103	AF		
P-244/P-245	N EOS / S EOS	6/18/15	3:19 PM	68	RR	94	12.0	800	800	23	GA		
P-243/P-245	E EOS / W EOS	6/18/15	3:23 PM	68	RR	94	12.0	800	800	55	GA	DF-88	
P-265/P-268	W EOS / E EOS	6/19/15	4:27 AM	74	JR	92	12.0	800	800	44	AF		
P-266/P-268	W EOS / E EOS	6/19/15	4:31 AM	72	JR	92	12.0	800	800	45	AF		
P-267/P-268	W EOS / E EOS	6/19/15	4:35 AM	71	JR	92	12.0	800	800	131	AF		
P-247/P-248	N EOS / S EOS	6/19/15	8:40 AM	67	JR	92	12.0	800	800	23	AF		
P-246/P-248	W EOS / E EOS	6/19/15	8:50 AM	80	RR	94	12.0	800	800	126	GA		
P-246/P-247	W EOS / E EOS	6/19/15	8:57 AM	80	RR	94	12.0	800	800	32	GA		
P-248/P-249	W EOS / E EOS	6/19/15	9:11 AM	80	RR	94	12.0	800	800	122	GA		
P-250/P-251	N EOS / S EOS	6/19/15	9:27 AM	69	JR	92	12.0	800	798	23	AF		
P-249/P-251	W EOS / E EOS	6/19/15	9:30 AM	80	RR	94	12.0	800	800	48	GA		
P-249/P-250	W EOS / E EOS	6/19/15	9:37 AM	80	RR	94	12.0	800	800	30	GA		
P-245/P-253	E EOS / W EOS	6/19/15	9:43 AM	73	JR	92	12.0	800	800	44	AF		
P-251/P-252	W EOS / E EOS	6/19/15	9:53 AM	80	RR	94	12.0	800	800	35	GA		
P-246/P-255	W EOS / E EOS	6/19/15	10:15 AM	85	RR	94	12.0	800	800	102	GA	DF-89	
P-254/P-255	N EOS / S EOS	6/19/15	10:40 AM	83	RR	94	12.0	800	800	23	GA		
P-246/P-254	W EOS / E EOS	6/19/15	10:41 AM	83	RR	94	12.0	800	800	84	GA		
P-255/P-257	W EOS / E EOS	6/19/15	10:50 AM	74	JR	92	12.0	800	800	101	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-256/P-257	N EOS / S EOS	6/19/15	10:55 AM	83	RR	94	12.0	800	800	23	GA		
P-254/P-257	W EOS / E EOS	6/19/15	11:05 AM	74	JR	92	12.0	800	800	118	AF		
P-257/P-258	W EOS / E EOS	6/19/15	11:30 AM	84	RR	94	12.0	800	800	214	GA		
P-256/P-258	W EOS / E EOS	6/19/15	11:57 AM	84	RR	94	12.0	800	800	30	GA		
P-259/P-260	N EOS / S EOS	6/19/15	1:30 PM	80	JR	92	12.0	800	800	23	AF		
P-258/P-259	W EOS / E EOS	6/19/15	1:41 PM	86	RR	94	12.0	800	800	96	GA		
P-258/P-260	W EOS / E EOS	6/19/15	1:52 PM	84	RR	94	12.0	800	800	118	GA	DF-90	
P-260/P-261	N EOS / S EOS	6/19/15	1:52 PM	81	JR	92	12.0	800	800	23	AF		
P-261/P-262	N EOS / S EOS	6/19/15	2:00 PM	78	JR	92	12.0	800	800	23	AF	DF-91	
P-258/P-261	W EOS / E EOS	6/19/15	2:03 PM	84	RR	94	12.0	800	800	52	GA		
P-259/P-263	W EOS / E EOS	6/19/15	2:30 PM	79	RR	94	12.0	800	800	90	GA		
P-260/P-263	W EOS / E EOS	6/19/15	2:43 PM	79	RR	94	12.0	800	800	115	GA		
P-261/P-263	W EOS / E EOS	6/19/15	2:53 PM	79	RR	94	12.0	800	800	57	GA		
P-264/P-265	N EOS / S EOS	6/19/15	3:00 PM	74	JR	92	12.0	800	800	23	AF		
P-262/P-263	W EOS / E EOS	6/19/15	3:05 PM	79	RR	94	12.0	800	800	32	GA		
P-265/P-266	N EOS / S EOS	6/19/15	3:12 PM	74	JR	92	12.0	800	800	23	AF		
P-263/P-264	W EOS / E EOS	6/19/15	3:25 PM	79	RR	94	12.0	800	800	96	GA	DF-92	
P-263/P-265	W EOS / E EOS	6/19/15	3:33 PM	80	RR	94	12.0	800	800	45	GA		
P-263/P-266	W EOS / E EOS	6/19/15	3:40 PM	80	RR	94	12.0	800	800	44	GA		
P-263/P-267	W EOS / E EOS	6/19/15	3:49 PM	80	RR	94	12.0	800	800	130	GA		
P-266/P-267	N EOS / S EOS	6/19/15	3:50 PM	78	JR	92	12.0	800	800	23	AF		
P-264/P-268	W EOS / E EOS	6/19/15	4:21 PM	75	JR	92	12.0	800	801	92	AF		
P-236/P-263	E EOS / W EOS	6/19/15	4:35 PM	81	RR	94	12.0	800	800	33	GA		
P-236/P-262	E EOS / W EOS	6/19/15	4:45 PM	81	RR	94	12.0	800	800	14	GA		
P-237/P-262	E EOS / W EOS	6/19/15	4:47 PM	81	RR	94	12.0	800	800	24	GA		
P-237/P-258	E EOS / W EOS	6/19/15	4:49 PM	81	RR	94	12.0	800	800	33	GA		
P-267/P-269	N EOS / S EOS	6/19/15	5:00 PM	73	JR	92	12.0	800	799	23	AF		
P-236/P-269	E EOS / W EOS	6/19/15	5:11 PM	72	JR	92	12.0	800	798	16	AF		
P-239/P-258	E EOS / W EOS	6/19/15	5:22 PM	80	RR	94	12.0	800	800	7	GA		
P-239/P-256	E EOS / W EOS	6/19/15	5:24 PM	80	RR	94	12.0	800	800	39	GA		
P-239/P-254	E EOS / W EOS	6/19/15	5:27 PM	80	RR	94	12.0	800	800	14	GA		
P-240/P-254	E EOS / W EOS	6/19/15	5:28 PM	80	RR	94	12.0	800	800	25	GA		
P-240/P-246	E EOS / W EOS	6/19/15	5:30 PM	80	RR	94	12.0	800	800	33	GA	DF-93	
P-243/P-246	E EOS / W EOS	6/19/15	5:40 PM	87	RR	94	12.0	800	800	6	GA		
P-243/P-247	E EOS / W EOS	6/19/15	5:42 PM	87	RR	94	12.0	800	800	38	GA		
P-243/P-249	E EOS / W EOS	6/19/15	5:45 PM	87	RR	94	12.0	800	800	15	GA		
P-244/P-249	E EOS / W EOS	6/19/15	5:47 PM	87	RR	94	12.0	800	800	24	GA		
P-244/P-250	E EOS / W EOS	6/19/15	5:50 PM	87	RR	94	12.0	800	800	25	GA		
P-245/P-250	E EOS / W EOS	6/19/15	5:51 PM	87	RR	94	12.0	800	800	3	GA		
P-250/P-253	E EOS / W EOS	6/19/15	5:52 PM	87	RR	94	12.0	800	800	9	GA		
P-252/P-253	E EOS / W EOS	6/19/15	5:53 PM	82	RR	94	12.0	800	800	30	GA		
P-182/P-270	W EOS / E EOS	6/20/15	1:57 PM	85	RR	94	12.0	800	800	292	GA		
P-270/P-271	W EOS / E EOS	6/20/15	2:33 PM	84	RR	94	12.0	800	800	294	GA	DF-94	
P-271/P-272	W EOS / E EOS	6/20/15	3:05 PM	87	RR	94	12.0	800	800	297	GA	DF-95	

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-273/P-274	W EOS / E EOS	6/21/15	8:13 AM	45	RR	94	12.0	800	800	300	GA		
P-276/P-277	N EOS / S EOS	6/21/15	9:09 AM	46	RR	94	12.0	800	800	23	GA		CAPPED D794 - N EOS
P-277/P-278	N EOS / S EOS	6/21/15	9:15 AM	46	RR	94	12.0	800	800	23	GA		
P-278/P-279	N EOS / S EOS	6/21/15	9:25 AM	46	RR	94	12.0	800	800	23	GA		
P-275/P-279	W EOS / E EOS	6/21/15	9:32 AM	46	RR	94	12.0	800	800	64	GA	DF-98	
P-275/P-278	W EOS / E EOS	6/21/15	9:42 AM	46	RR	94	12.0	800	800	78	GA		
P-275/P-277	W EOS / E EOS	6/21/15	9:49 AM	46	RR	94	12.0	800	800	77	GA		CAPPED D805 - D806
P-275/P-276	W EOS / E EOS	6/21/15	9:59 AM	46	RR	94	12.0	800	800	80	GA		
P-280/P-281	W EOS / E EOS	6/21/15	10:26 AM	55	RR	94	12.0	800	800	294	GA	DF-99	
P-282/P-283	W EOS / E EOS	6/21/15	11:14 AM	60	RR	94	12.0	800	800	298	GA		CAPPED D813 - D814
P-283/P-285	W EOS / E EOS	6/21/15	1:16 PM	66	RR	94	12.0	800	800	148	GA	DF-101	CAPPED D817 - E EOS
P-284/P-285	W EOS / E EOS	6/21/15	1:33 PM	66	RR	94	12.0	800	800	145	GA		
P-285/P-289	W EOS / E EOS	6/21/15	2:05 PM	66	RR	94	12.0	800	800	49	GA		
P-285/P-288	W EOS / E EOS	6/21/15	2:12 PM	67	RR	94	12.0	800	800	82	GA		
P-285/P-287	W EOS / E EOS	6/21/15	2:18 PM	67	RR	94	12.0	800	800	80	GA		
P-285/P-286	W EOS / E EOS	6/21/15	2:25 PM	67	RR	94	12.0	800	800	82	GA		CAPPED D825 - D826
P-272/P-273	W EOS / E EOS	6/21/15	7:44 AM	46	JR	92	12.0	800	800	297	AF	DF-96	
P-274/P-275	W EOS / E EOS	6/21/15	8:30 AM	48	JR	92	12.0	800	800	297	AF	DF-97	
P-279/P-280	W EOS / E EOS	6/21/15	9:46 AM	52	JR	92	12.0	800	800	60	AF		
P-278/P-280	W EOS / E EOS	6/21/15	9:51 AM	54	JR	92	12.0	800	800	79	AF		
P-277/P-280	W EOS / E EOS	6/21/15	9:58 AM	58	JR	92	12.0	800	800	77	AF		
P-276/P-280	W EOS / E EOS	6/21/15	10:05 AM	61	JR	92	12.0	800	800	82	AF		
P-281/P-282	W EOS / E EOS	6/21/15	10:40 AM	64	JR	92	12.0	800	800	298	AF		
P-283/P-284	W EOS / E EOS	6/21/15	11:46 AM	66	JR	92	12.0	800	800	154	AF		
P-286/P-287	N EOS / S EOS	6/21/15	1:43 PM	65	JR	92	12.0	800	800	23	AF		
P-287/P-288	N EOS / S EOS	6/21/15	1:56 PM	64	JR	92	12.0	800	800	23	AF		
P-288/P-289	N EOS / S EOS	6/21/15	2:05 PM	63	JR	92	12.0	800	800	23	AF		
P-289/P-290	W EOS / E EOS	6/21/15	2:28 PM	62	JR	92	12.0	800	800	52	AF		
P-288/P-290	W EOS / E EOS	6/21/15	2:33 PM	62	JR	92	12.0	800	800	82	AF		
P-287/P-290	W EOS / E EOS	6/21/15	2:43 PM	61	JR	92	12.0	800	800	82	AF		
P-286/P-290	W EOS / E EOS	6/21/15	3:00 PM	61	JR	92	12.0	800	800	83	AF		
P-293/P-294	N EOS / S EOS	6/22/15	11:39 AM	73	JR	92	12.0	800	798	23	AF		
P-292/P-293	N EOS / S EOS	6/22/15	11:43 AM	75	JR	92	12.0	800	801	23	AF		
P-291/P-292	N EOS / S EOS	6/22/15	12:00 PM	77	JR	92	12.0	800	800	23	AF		
P-290/P-291	W EOS / E EOS	6/22/15	12:15 PM	78	JR	92	12.0	800	800	52	AF		
P-290/P-292	W EOS / E EOS	6/22/15	12:20 PM	78	JR	92	12.0	800	801	85	AF		
P-290/P-293	W EOS / E EOS	6/22/15	12:28 PM	78	JR	92	12.0	800	799	84	AF		
P-290/P-294	W EOS / E EOS	6/22/15	12:30 PM	79	JR	92	12.0	800	800	79	AF	DF-103	
P-291/P-295	W EOS / E EOS	6/22/15	3:03 PM	72	JR	92	12.0	800	799	61	AF		
P-292/P-295	W EOS / E EOS	6/22/15	3:07 PM	73	JR	92	12.0	800	801	86	AF		
P-293/P-295	W EOS / E EOS	6/22/15	3:13 PM	72	JR	92	12.0	800	800	85	AF		
P-294/P-295	W EOS / E EOS	6/22/15	3:21 PM	72	JR	92	12.0	800	801	79	AF		
P-295/P-297	W EOS / E EOS	6/22/15	3:50 PM	72	JR	92	12.0	800	800	148	AF	DF-105	
P-296/P-297	W EOS / E EOS	6/22/15	4:07 PM	72	JR	92	12.0	800	801	147	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-295/P-296	W EOS / E EOS	6/22/15	3:25 PM	70	RR	94	12.0	800	800	152	GA	DF-104	
P-297/P-298	W EOS / E EOS	6/22/15	4:23 PM	72	RR	94	12.0	800	800	295	GA		
P-299/P-300	E EOS / W EOS	6/23/15	8:55 AM	74	JR	92	12.0	800	799	59	AF		
P-268/P-301	E EOS / W EOS	6/23/15	9:24 AM	74	RR	94	12.0	800	800	39	KS	DF-106	
P-300/P-301	E EOS / W EOS	6/23/15	9:25 AM	74	JR	92	12.0	800	798	94	AF		
P-268/P-300	W EOS / E EOS	6/23/15	9:39 AM	74	RR	94	12.0	800	800	42	KS		
P-268/P-299	W EOS / E EOS	6/23/15	9:43 AM	74	RR	94	12.0	800	800	39	KS		
P-301/P-302	E EOS / W EOS	6/23/15	10:38 AM	74	RR	94	12.0	800	798	126	KS		CAPPED E EOS - D903
P-302/P-303	W EOS / E EOS	6/23/15	10:59 AM	75	RR	94	12.0	800	800	65	KS		
P-303/P-304	N EOS / S EOS	6/23/15	11:43 AM	75	RR	94	12.0	800	800	23	KS		
P-302/P-304	E EOS / W EOS	6/23/15	11:49 AM	76	RR	94	12.0	800	800	97	KS		
P-268/P-302	E EOS / W EOS	6/23/15	12:14 PM	76	RR	94	12.0	800	801	42	KS		
P-299/P-305	E EOS / W EOS	6/23/15	12:30 PM	75	JR	92	12.0	800	800	28	AF		
P-268/P-304	E EOS / W EOS	6/23/15	12:30 PM	75	RR	94	12.0	800	800	40	KS		CAPPED D891 - D892
P-268/P-305	W EOS / E EOS	6/23/15	12:40 PM	75	JR	92	12.0	800	800	30	AF	DF-107	
P-306/P-307	W EOS / E EOS	6/24/15	7:50 AM	57	RR	94	12	800	800	295	GA	DF-108	
P-298/P-306	W EOS / E EOS	6/24/15	7:25 AM	66	JR	92	12	800	801	301	AF		
P-307/P-308	W EOS / E EOS	6/24/15	8:17 AM	64	JR	92	12	800	798	304	AF	DF-109	
P-308/P-309	W EOS / E EOS	6/24/15	8:39 AM	57	RR	94	12	800	800	294	GA		
P-309/P-310	W EOS / E EOS	6/24/15	9:05 AM	63	JR	92	12	800	799	303	AF		
P-310/P-311	W EOS / E EOS	6/24/15	9:33 AM	57	JR	94	12	800	800	294	GA	DF-110	
P-311/P-312	W EOS / E EOS	6/24/15	9:55 AM	68	JR	92	12	800	800	311	AF	DF-111	
P-312/P-313	W EOS / E EOS	6/24/15	10:30 AM	57	JR	94	12	800	800	294	GA	DF-112	
P-313/P-314	W EOS / E EOS	6/24/15	11:04 AM	79	JR	92	12	800	800	306	AF	DF-113	
P-314/P-315	W EOS / E EOS	6/24/15	11:41 AM	67	RR	94	12	800	800	310	GA		
P-315/P-316	W EOS / E EOS	6/24/15	1:35 PM	80	JR	92	12	800	801	154	AF		
P-316/P-317	W EOS / E EOS	6/24/15	1:56 PM	80	JR	92	12	800	799	150	AF		
P-315/P-317	W EOS / E EOS	6/24/15	2:08 PM	79	JR	92	12	800	800	161	AF	DF-114	
P-317/P-318	W EOS / E EOS	6/24/15	2:32 PM	78	RR	94	12	800	800	148	GA	DF-115	
P-318/P-319	W EOS / E EOS	6/24/15	2:56 PM	68	JR	92	12	800	798	153	AF		
P-317/P-319	W EOS / E EOS	6/24/15	3:15 PM	67	JR	92	12	800	799	161	AF		
P-319/P-320	W EOS / E EOS	6/24/15	3:43 PM	67	RR	94	12	800	800	149	GA		
P-321/P-322	W EOS / E EOS	6/25/15	9:55 AM	69	RR	94	12	800	800	156	JR		
P-322/P-323	W EOS / E EOS	6/25/15	10:12 AM	69	RR	94	12	800	800	153	JR		
P-321/P-323	W EOS / E EOS	6/25/15	10:27 AM	73	RR	94	12	800	800	157	JR	DF-117	
P-325/P-326	W EOS / E EOS	6/25/15	11:16 AM	73	RR	94	12	800	800	150	JR		
P-320/P-321	W EOS / E EOS	6/25/15	9:24 AM	69	JR	92	12	800	800	152	AF		
P-319/P-321	W EOS / E EOS	6/25/15	9:40 AM	69	JR	92	12	800	800	160	AF	DF-116	
P-323/P-324	W EOS / E EOS	6/25/15	10:35 AM	73	JR	92	12	800	801	152	AF		
P-324/P-325	W EOS / E EOS	6/25/15	11:00 AM	74	JR	92	12	800	800	148	AF		
P-323/P-325	W EOS / E EOS	6/25/15	11:14 AM	73	JR	92	12	800	800	162	AF	DF-118	CAPPED D886 - D887
P-326/P-327	W EOS / E EOS	6/25/15	2:17 PM	71	JR	92	12	800	800	150	JR		
P-325/P-327	W EOS / E EOS	6/25/15	2:35 PM	70	JR	92	12	800	800	160	JR		
P-327/P-328	W EOS / E EOS	6/26/15	9:03 AM	60	RR	94	12	800	800	149	GA		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-329/P-330	N EOS / S EOS	6/26/15	9:24 AM	61	JR	92	12	800	801	26	AF		
P-327/P-330	W EOS / E EOS	6/26/15	9:33 AM	60	RR	94	12	800	800	33	GA		
P-329/P-332	N EOS / S EOS	6/26/15	9:34 AM	62	JR	92	12	800	800	141	AF	DF-120	
P-327/P-329	W EOS / E EOS	6/26/15	9:35 AM	60	RR	94	12	800	800	37	GA	DF-119	
P-332/P-333	N EOS / S EOS	6/26/15	9:54 AM	61	JR	92	12	800	798	150	AF		
P-331/P-332	E EOS / W EOS	6/26/15	10:01 AM	60	RR	94	12	800	800	23	GA		
P-333/P-335	N EOS / S EOS	6/26/15	10:15 AM	60	JR	92	12	800	800	98	AF		
P-334/P-335	E EOS / W EOS	6/26/15	10:16 AM	60	RR	94	12	800	800	23	GA		
P-333/P-334	N EOS / S EOS	6/26/15	10:24 AM	61	JR	92	12	800	801	29	AF		
P-335/P-337	N EOS / S EOS	6/26/15	10:36 AM	60	JR	92	12	800	799	77	AF		
P-330/P-331	E EOS / W EOS	6/26/15	10:39 AM	60	RR	94	12	800	800	19	GA		
P-331/P-333	N EOS / S EOS	6/26/15	10:42 AM	60	RR	94	12	800	800	4	GA		
P-329/P-331	N EOS / S EOS	6/26/15	10:44 AM	60	RR	94	12	800	800	11	GA		
P-337/P-338	N EOS / S EOS	6/26/15	10:52 AM	62	JR	92	12	800	800	74	AF	DF-121	
P-336/P-337	E EOS / W EOS	6/26/15	10:56 AM	60	RR	94	12	800	800	19	GA		
P-335/P-336	N EOS / S EOS	6/26/15	11:01 AM	60	RR	94	12	800	800	24	GA		
P-338/P-339	N EOS / S EOS	6/26/15	11:12 AM	63	JR	92	12	800	800	36	AF		
P-328/P-339	W EOS / E EOS	6/26/15	11:30 AM	60	RR	94	12	800	800	38	GA		
P-328/P-338	W EOS / E EOS	6/26/15	11:34 AM	60	RR	94	12	800	800	39	GA		
P-328/P-337	W EOS / E EOS	6/26/15	11:36 AM	60	RR	94	12	800	800	5	GA		
P-328/P-336	W EOS / E EOS	6/26/15	11:37 AM	60	RR	94	12	800	800	31	GA		
P-328/P-335	W EOS / E EOS	6/26/15	11:38 AM	60	RR	94	12	800	800	5	GA		
P-328/P-334	W EOS / E EOS	6/26/15	11:39 AM	60	RR	94	12	800	800	22	GA		
P-327/P-334	W EOS / E EOS	6/26/15	11:41 AM	60	RR	94	12	800	800	14	GA		
P-327/P-333	W EOS / E EOS	6/26/15	11:43 AM	60	RR	94	12	800	800	40	GA		
P-329/P-340	N EOS / S EOS	6/26/15	12:59 PM	60	RR	94	12	800	800	207	GA	DF-122	CAPPED D980 - D989
P-340/P-341	E EOS / W EOS	6/26/15	1:23 PM	60	RR	94	12	800	800	19	GA		
P-340/P-342	N EOS / S EOS	6/26/15	1:27 PM	58	JR	92	12	800	800	202	AF		
P-327/P-340	W EOS / E EOS	6/26/15	Failed Seam (Capped)							6	GA		Repair D976
P-327/P-341	W EOS / E EOS	6/26/15	1:34 PM	60	RR	94	12	800	800	22	GA		
P-341/P-342	N EOS / S EOS	6/26/15	1:45 PM	58	JR	92	12	800	800	14	AF		
P-342/P-343	N EOS / S EOS	6/26/15	1:55 PM	60	RR	94	12	800	800	203	GA		
P-343/P-344	N EOS / S EOS	6/26/15	2:20 PM	60	JR	92	12	800	801	196	AF		
P-327/P-331	W EOS / E EOS	6/26/15	Failed Seam (Capped)							8	GA		
P-303/P-346	E EOS / W EOS	6/27/15	2:31 PM	66	RR	94	12	800	800	63	GA		
P-304/P-346	E EOS / W EOS	6/27/15	2:50 PM	66	RR	94	12	800	800	123	GA		
P-268/P-346	E EOS / W EOS	6/27/15	2:50 PM	72	JR	92	12	800	798	42	BM		
P-268/P-347	E EOS / W EOS	6/27/15	2:54 PM	72	JR	92	12	800	800	24	BM	DF-123	
P-346/P-347	W EOS / E EOS	6/27/15	3:00 PM	74	JR	92	12	800	797	217	BM		
P-347/P-348	W EOS / E EOS	6/27/15	3:17 PM	66	RR	94	12	800	800	243	GA	DF-124	
P-348/P-349	W EOS / E EOS	6/27/15	3:47 PM	58	JR	92	12	800	801	244	BM	DF-125	
P-349/P-350	W EOS / E EOS	6/28/15	8:30 AM	50	RR	94	12	800	800	244	GA		
P-350/P-351	W EOS / E EOS	6/28/15	8:40 AM	55	JR	92	12	800	800	244	PO		
P-352/P-353	W EOS / E EOS	6/28/15	9:11 AM	52	RR	94	12	800	800	23	GA		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-351/P-353	W EOS / E EOS	6/28/15	9:16 AM	61	JR	92	12	800	801	113	BM		
P-353/P-354	W EOS / E EOS	6/28/15	9:25 AM	58	RR	94	12	800	800	115	GA	DF-126	
P-351/P-352	W EOS / E EOS	6/28/15	9:25 AM	61	JR	92	12	800	798	127	BM	DF-127	
P-352/P-354	W EOS / E EOS	6/28/15	9:40 AM	58	RR	94	12	800	800	130	GA		
P-354/P-356	W EOS / E EOS	6/28/15	10:06 AM	73	JR	92	12	800	799	113	BM		
P-355/P-356	W EOS / E EOS	6/28/15	10:06 AM	58	RR	94	12	800	800	23	GA		
P-354/P-355	W EOS / E EOS	6/28/15	10:16 AM	73	JR	92	12	800	801	130	BM		
P-356/P-357	W EOS / E EOS	6/28/15	10:25 AM	58	RR	94	12	800	800	115	GA		
P-355/P-357	W EOS / E EOS	6/28/15	10:36 AM	58	RR	94	12	800	800	127	GA	DF-128	
P-357/P-358	W EOS / E EOS	6/28/15	10:52 AM	73	JR	92	12	800	800	128	BM		
P-357/P-359	W EOS / E EOS	6/28/15	11:13 AM	58	RR	94	12	800	800	126	GA		
P-358/P-359	W EOS / E EOS	6/28/15	11:28 AM	58	RR	94	12	800	800	116	GA		
P-359/P-360	W EOS / E EOS	6/28/15	11:46 AM	71	JR	92	12	800	799	122	BM	DF-129	
P-359/P-361	W EOS / E EOS	6/28/15	11:59 AM	58	RR	94	12	800	800	124	GA		
P-360/P-361	W EOS / E EOS	6/28/15	12:11 PM	58	RR	94	12	800	800	118	GA	DF-130	
P-362/P-363	N EOS / S EOS	6/29/15	9:00 AM	46	RR	94	12	800	800	23	GA		
P-361/P-363	E EOS / W EOS	6/29/15	9:02 AM	59	JR	92	12	800	800	107	KS		
P-361/P-362	E EOS / W EOS	6/29/15	9:15 AM	59	JR	92	12	800	800	134	KS		
P-363/P-364	W EOS / E EOS	6/29/15	9:17 AM	46	RR	94	12	800	800	108	GA		
P-362/P-364	W EOS / E EOS	6/29/15	9:27 AM	46	RR	94	12	800	800	134	GA		
P-365/P-366	N EOS / S EOS	6/29/15	9:59 AM	46	RR	94	12	800	800	23	GA		
P-364/P-366	W EOS / E EOS	6/29/15	10:00 AM	60	JR	92	12	800	801	115	AF		
P-366/P-367	W EOS / E EOS	6/29/15	10:10 AM	52	RR	94	12	800	800	112	GA		
P-364/P-365	W EOS / E EOS	6/29/15	10:12 AM	62	JR	92	12	800	800	135	AF	DF-131	
P-365/P-367	W EOS / E EOS	6/29/15	10:28 AM	52	RR	94	12	800	800	132	GA	DF-132	
P-367/P-369	W EOS / E EOS	6/29/15	10:55 AM	62	JR	92	12	800	800	118	AF		
P-368/P-369	N EOS / S EOS	6/29/15	10:57 AM	52	RR	94	12	800	800	23	GA		
P-369/P-370	W EOS / E EOS	6/29/15	11:11 AM	52	RR	94	12	800	800	114	GA		
P-367/P-368	W EOS / E EOS	6/29/15	11:15 AM	61	JR	92	12	800	799	133	AF		
P-368/P-370	W EOS / E EOS	6/29/15	11:22 AM	52	RR	94	12	800	800	130	GA		
P-371/P-372	N EOS / S EOS	6/29/15	11:48 AM	52	RR	94	12	800	800	23	GA		
P-370/P-372	W EOS / E EOS	6/29/15	11:50 AM	59	JR	92	12	800	801	113	AF		
P-370/P-371	W EOS / E EOS	6/29/15	12:06 PM	59	JR	92	12	800	800	130	AF	DF-140	
P-372/P-373	W EOS / E EOS	6/29/15	12:06 PM	52	RR	94	12	800	800	114	GA		
P-371/P-373	W EOS / E EOS	6/29/15	12:17 PM	52	RR	94	12	800	800	132	GA	DF-133	
P-373/P-374	W EOS / E EOS	6/29/15	1:49 PM	59	JR	92	12	800	800	248	AF	DF-134	
P-374/P-376	W EOS / E EOS	6/29/15	2:20 PM	58	JR	92	12	800	800	118	AF		
P-375/P-376	N EOS / S EOS	6/29/15	2:21 PM	52	RR	94	12	800	800	23	GA		
P-376/P-377	W EOS / E EOS	6/29/15	2:33 PM	62	RR	94	12	800	800	115	GA		
P-374/P-375	W EOS / E EOS	6/29/15	2:33 PM	58	JR	92	12	800	800	130	AF		
P-375/P-377	W EOS / E EOS	6/29/15	2:44 PM	62	RR	94	12	800	800	131	GA		
P-377/P-379	W EOS / E EOS	6/29/15	3:25 PM	56	JR	92	12	800	800	118	AF	DF-135	
P-378/P-379	N EOS / S EOS	6/29/15	3:26 PM	62	RR	94	12	800	800	23	GA		
P-377/P-378	W EOS / E EOS	6/29/15	3:40 PM	56	JR	92	12	800	800	130	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-344/P-345	N EOS / S EOS	6/30/15	8:32 AM	56	RR	94	12	800	800	190	GA	DF-144	
P-345/P-380	N EOS / S EOS	6/30/15	8:47 AM	66	JR	92	12	800	801	178	AF		
P-380/P-381	N EOS / S EOS	6/30/15	9:03 AM	56	RR	94	12	800	800	171	GA		
P-381/P-382	E EOS / W EOS	6/30/15	9:15 AM	67	JR	92	12	800	798	23	AF		
P-380/P-382	N EOS / S EOS	6/30/15	9:17 AM	56	RR	94	12	800	800	6	GA		
P-381/P-383	N EOS / S EOS	6/30/15	9:28 AM	67	JR	92	12	800	800	171	AF	DF-137	
P-383/P-384	N EOS / S EOS	6/30/15	9:39 AM	56	RR	94	12	800	800	169	GA		
P-382/P-383	N EOS / S EOS	6/30/15	Failed Seam (Capped)							3	AF		Repair D1119
P-384/P-385	N EOS / S EOS	6/30/15	9:53 AM	69	JR	92	12	800	800	165	AF		
P-385/P-386	N EOS / S EOS	6/30/15	10:15 AM	62	RR	94	12	800	800	161	GA	DF-136	
P-386/P-387	N EOS / S EOS	6/30/15	10:29 AM	70	JR	92	12	800	800	157	AF		
P-387/P-388	N EOS / S EOS	6/30/15	10:37 AM	62	RR	94	12	800	800	153	GA		
P-388/P-389	N EOS / S EOS	6/30/15	11:08 AM	71	JR	92	12	800	800	153	AF	DF-138	
P-389/P-390	N EOS / S EOS	6/30/15	11:16 AM	62	RR	94	12	800	800	154	GA		
P-390/P-391	N EOS / S EOS	6/30/15	11:36 AM	72	JR	92	12	800	800	154	AF		
P-391/P-392	N EOS / S EOS	6/30/15	11:50 AM	62	RR	94	12	800	800	151	GA	DF-139	
P-392/P-393	N EOS / S EOS	6/30/15	1:08 PM	72	JR	92	12	800	800	149	AF		
P-393/P-394	N EOS / S EOS	6/30/15	1:17 PM	64	RR	94	12	800	800	143	GA		
P-394/P-395	N EOS / S EOS	6/30/15	1:35 PM	78	JR	92	12	800	800	133	AF	DF-141	
P-395/P-396	N EOS / S EOS	6/30/15	1:50 PM	64	RR	94	12	800	800	127	GA		
P-396/P-397	N EOS / S EOS	6/30/15	2:09 PM	78	JR	92	12	800	801	123	AF		
P-397/P-398	N EOS / S EOS	6/30/15	2:15 PM	64	RR	94	12	800	800	117	GA		
P-398/P-399	N EOS / S EOS	6/30/15	2:31 PM	83	JR	92	12	800	801	113	AF		
P-399/P-400	N EOS / S EOS	6/30/15	2:57 PM	83	RR	94	12	800	800	104	GA	DF-142	
P-400/P-401	N EOS / S EOS	6/30/15	3:03 PM	81	JR	92	12	800	800	103	JR		
P-401/P-402	N EOS / S EOS	6/30/15	3:15 PM	83	RR	94	12	800	800	93	GA		
P-402/P-403	N EOS / S EOS	6/30/15	3:26 PM	83	RR	94	12	800	800	88	GA		
P-403/P-404	N EOS / S EOS	6/30/15	3:40 PM	78	JR	92	12	800	800	87	JR		
P-404/P-405	N EOS / S EOS	6/30/15	3:59 PM	83	RR	94	12	800	800	84	GA		
P-405/P-406	N EOS / S EOS	6/30/15	4:08 PM	76	JR	92	12	800	800	64	JR	DF-143	
P-406/P-407	N EOS / S EOS	6/30/15	4:10 PM	83	RR	94	12	800	800	58	GA		
P-407/P-408	E EOS / W EOS	6/30/15	4:26 PM	76	JR	92	12	800	801	62	JR		
P-408/P-409	E EOS / W EOS	6/30/15	4:35 PM	83	RR	94	12	800	800	50	GA		
P-409/P-410	E EOS / W EOS	6/30/15	4:45 PM	78	JR	92	12	800	800	45	JR		
P-410/P-411	E EOS / W EOS	6/30/15	4:59 PM	83	RR	94	12	800	800	45	GA		
P-379/P-412	W EOS / E EOS	7/1/15	10:22 AM	54	RR	94	12	800	800	118	GA	DF-145	
P-378/P-412	W EOS / E EOS	7/1/15	10:35 AM	54	RR	94	12	800	800	128	GA		
P-413/P-414	N EOS / S EOS	7/1/15	11:28 AM	54	RR	94	12	800	800	23	GA		
P-414/P-415	W EOS / E EOS	7/1/15	12:06 PM	56	RR	94	12	800	800	56	GA		
P-413/P-415	W EOS / E EOS	7/1/15	12:11 PM	56	RR	94	12	800	800	123	GA		
P-416/P-417	N EOS / S EOS	7/1/15	2:00 PM	52	RR	94	12	800	800	19	GA		
P-416/P-418	W EOS / E EOS	7/1/15	2:09 PM	52	RR	94	12	800	800	71	GA	DF-147	
P-412/P-414	W EOS / E EOS	7/1/15	11:30 AM	74	JR	92	12	800	801	120	AF		
P-412/P-413	W EOS / E EOS	7/1/15	11:44 AM	76	JR	92	12	800	800	120	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-415/P-417	W EOS / E EOS	7/1/15	2:00 PM	70	JR	92	12	800	800	60	JR		
P-415/P-416	W EOS / E EOS	7/1/15	2:03 PM	70	JR	92	12	800	800	77	JR	DF-146	
P-418/P-419	E EOS / W EOS	7/1/15	2:40 PM	66	JR	92	12	800	801	43	JR		
P-419/P-420	W EOS / E EOS	7/1/15	2:46 PM	66	JR	92	12	800	800	63	JR		
P-420/P-422	W EOS / E EOS	7/10/15	12:52 PM	55	JR	92	12	800	799	64	RB	DF-148	
P-422/P-423	W EOS / E EOS	7/10/15	1:01 PM	55	JR	92	12	800	800	64	RB		
P-424/P-425	W EOS / E EOS	7/10/15	1:09 PM	55	JR	92	12	800	800	63	RB		
P-425/P-426	W EOS / E EOS	7/10/15	1:43 PM	55	JR	92	12	800	799	60	JB		
P-419/P-427	N EOS / S EOS	7/10/15	2:16 PM	62	JR	92	12	800	799	17	RB		
P-421/P-427	N EOS / S EOS	7/10/15	2:18 PM	62	JR	92	12	800	800	15	RB		
P-428/P-429	N EOS / S EOS	7/10/15	2:30 PM	62	JR	92	12	800	799	95	RB		
P-415/P-429	W EOS / E EOS	7/10/15	3:00 PM	62	JR	92	12	800	801	38	RB		
P-414/P-430	E EOS / W EOS	7/10/15	3:15 PM	62	JR	92	12	800	800	51	RB		
P-412/P-432	E EOS / W EOS	7/10/15	3:37 PM	60	JR	92	12	800	801	30	RB		
P-431/P-434	E EOS / W EOS	7/10/15	4:01 PM	60	JR	92	12	800	800	15	KS	DF-151	
P-429/P-434	E EOS / W EOS	7/10/15	4:05 PM	60	JR	92	12	800	800	22	KS		
P-428/P-434	E EOS / W EOS	7/10/15	4:08 PM	60	JR	92	12	800	800	23	KS		
P-427/P-434	E EOS / W EOS	7/10/15	4:08 PM	60	JR	92	12	800	800	12	KS		
P-435/P-436	E EOS / W EOS	7/10/15	4:15 PM	60	JR	92	12	800	801	71	KS		
P-424/P-437	N EOS / S EOS	7/10/15	4:33 PM	60	JR	92	12	800	800	23	KS		
P-423/P-436	N EOS / S EOS	7/10/15	4:36 PM	60	JR	92	12	800	800	23	KS		
P-422/P-435	N EOS / S EOS	7/10/15	4:38 PM	59	JR	92	12	800	799	26	KS		
P-420/P-434	N EOS / S EOS	7/10/15	4:41 PM	59	JR	92	12	800	800	26	KS		
P-426/P-440	W EOS / E EOS	7/10/15	5:12 PM	59	JR	92	12	800	799	63	RB		
P-426/P-442	N EOS / S EOS	7/10/15	6:03 PM	59	JR	92	12	800	799	22	RB		
P-423/P-424	W EOS / E EOS	7/10/15	12:59 PM	55	RR	94	12.0	800	801	63	JB	DF-149	
P-427/P-428	N EOS / S EOS	7/10/15	2:05 PM	62	RR	94	12.0	800	801	60	JB		
P-417/P-428	W EOS / E EOS	7/10/15	2:15 PM	62	RR	94	12.0	800	799	45	JB		
P-417/P-427	S EOS / D1211	7/10/15	2:23 PM	62	RR	94	12.0	800	801	19	JB	Split Seam	
P-417/P-427	D1211 / N EOS	7/10/15	2:40 PM	62	RR	94	12.0	800	799	29	JB	Split Seam	
P-418/P-427	N EOS / S EOS	7/10/15	2:35 PM	62	RR	94	12.0	800	801	15	JB		
P-416/P-427	E EOS / W EOS	7/10/15	2:32 PM	62	RR	94	12.0	800	801	12	JB		
P-430/P-431	W EOS / E EOS	7/10/15	3:02 PM	62	RR	94	12.0	800	799	24	JB		
P-429/P-431	N EOS / S EOS	7/10/15	3:10 PM	62	RR	94	12.0	800	800	45	JB		
P-429/P-430	N EOS / S EOS	7/10/15	3:13 PM	62	RR	94	12.0	800	802	85	JB		
P-432/P-433	W EOS / E EOS	7/10/15	3:43 PM	62	RR	94	12.0	800	799	23	JB		
P-431/P-433	N EOS / S EOS	7/10/15	3:48 PM	62	RR	94	12.0	800	799	20	JB		
P-431/P-432	N EOS / S EOS	7/10/15	3:50 PM	62	RR	94	12.0	800	799	20	JB		
P-430/P-432	N EOS / S EOS	7/10/15	3:52 PM	62	RR	94	12.0	800	800	141	JB	DF-150	
P-434/P-435	W EOS / E EOS	7/10/15	4:08 PM	60	RR	94	12.0	800	799	76	JB		
P-436/P-437	W EOS / E EOS	7/10/15	4:17 PM	60	RR	94	12.0	800	799	72	JB		
P-438/P-439	N EOS / S EOS	7/10/15	4:37 PM	60	RR	94	12.0	800	798	23	JB		
P-437/P-439	W EOS / E EOS	7/10/15	4:48 PM	60	RR	94	12.0	800	798	23	JB		
P-437/P-438	W EOS / E EOS	7/10/15	4:49 PM	60	RR	94	12.0	800	799	55	JB		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-425/P-438	N EOS / S EOS	7/10/15	5:03 PM	60	RR	94	12.0	800	800	21	JB	DF-152	
P-439/P-441	W EOS / E EOS	7/10/15	5:35 PM	59	RR	94	12.0	800	799	23	RB		
P-438/P-441	W EOS / E EOS	7/10/15	5:40 PM	59	RR	94	12.0	800	800	59	RB		
P-441/P-442	N EOS / S EOS	7/10/15	5:51 PM	59	RR	94	12.0	800	799	21	RB		
P-440/P-442	W EOS / E EOS	7/10/15	5:59 PM	59	RR	94	12.0	800	799	20	RB		
P-425/P-442	W EOS / E EOS	7/10/15	6:05 PM	59	RR	94	12.0	800	801	8	RB		
P-443/P-444	N EOS / S EOS	7/11/15	8:16 AM	57	JR	92	12	800	800	195	AF	DF-154	
P-445/P-446	N EOS / S EOS	7/11/15	8:46 AM	59	JR	92	12	800	800	193	AF		
P-447/P-448	N EOS / S EOS	7/11/15	9:22 AM	63	JR	92	12	800	798	190	AF		
P-449/P-450	N EOS / S EOS	7/11/15	9:51 AM	64	JR	92	12	800	800	196	AF	DF-156	
P-444/P-452	W EOS / E EOS	7/11/15	10:43 AM	65	JR	92	12	800	800	23	AF		
P-443/P-452	W EOS / E EOS	7/11/15	10:46 AM	65	JR	92	12	800	801	23	AF		
P-433/P-452	W EOS / E EOS	7/11/15	10:48 AM	66	JR	92	12	800	799	23	AF		
P-455/P-456	N EOS / S EOS	7/11/15	10:56 AM	67	JR	92	12	800	800	23	AF		
P-456/P-457	W EOS / E EOS	7/11/15	11:09 AM	67	JR	92	12	800	801	25	AF		
P-455/P-457	W EOS / E EOS	7/11/15	11:13 AM	67	JR	92	12	800	799	78	AF		
P-453/P-457	W EOS / E EOS	7/11/15	11:20 AM	67	JR	92	12	800	800	22	AF		
P-453/P-454	W EOS / E EOS	7/11/15	11:22 AM	67	JR	92	12	800	801	42	AF		
P-460/P-461	N EOS / S EOS	7/11/15	11:41 AM	68	JR	92	12	800	798	22	AF		
P-459/P-463	W EOS / E EOS	7/11/15	12:00 PM	69	JR	92	12	800	800	24	AF		
P-458/P-459	W EOS / E EOS	7/11/15	12:12 PM	69	JR	92	12	800	800	80	AF	DF-159	
P-459/P-466	N EOS / S EOS	7/11/15	1:43 PM	68	JR	92	12	800	798	13	AF		
P-460/P-466	W EOS / E EOS	7/11/15	1:53 PM	69	JR	92	12	800	800	58	AF		
P-441/P-463	N EOS / S EOS	7/11/15			Failed Seam (Capped)					5	AF		Repair D1254
P-439/P-459	N EOS / S EOS	7/11/15	2:16 PM	70	JR	92	12	800	801	23	AF		
P-437/P-458	N EOS / S EOS	7/11/15	2:25 PM	70	JR	92	12	800	799	23	AF		
P-436/P-454	N EOS / S EOS	7/11/15	2:29 PM	69	JR	92	12	800	800	24	AF		
P-435/P-453	N EOS / S EOS	7/11/15	2:32 PM	68	JR	92	12	800	800	25	AF		
P-434/P-452	N EOS / S EOS	7/11/15	2:39 PM	68	JR	92	12	800	800	23	AF		
P-456/P-468	W EOS / E EOS	7/11/15	2:40 PM	67	JR	92	12	800	801	28	AF		
P-456/P-464	W EOS / E EOS	7/11/15	2:49 PM	66	JR	92	12	800	800	27	AF		
P-455/P-464	W EOS / E EOS	7/11/15	2:45 PM	66	JR	92	12	800	800	55	AF		
P-452/P-455	W EOS / E EOS	7/11/15	2:51 PM	66	JR	92	12	800	800	21	AF		
P-431/P-452	W EOS / E EOS	7/11/15	2:55 PM	66	JR	92	12	800	800	9	AF		
P-469/P-470	N EOS / S EOS	7/11/15	3:38 PM	68	JR	92	12	800	800	176	AF	DF-160	
P-472/P-473	W EOS / E EOS	7/11/15	4:38 PM	72	JR	92	12	800	801	23	AF		
P-473/P-474	N EOS / S EOS	7/11/15	5:00 PM	70	JR	92	12	800	799	17	AF		
P-472/P-474	N EOS / S EOS	7/11/15	5:01 PM	70	JR	92	12	800	800	169	AF		
P-470/P-475	W EOS / E EOS	7/11/15	5:35 PM	69	JR	92	12	800	800	14	AF		
P-462/P-470	W EOS / E EOS	7/11/15	5:36 PM	69	JR	92	12	800	800	9	AF		
P-462/P-475	S EOS / N EOS	7/11/15	5:44 PM	68	JR	92	12	800	801	20	AF		
P-433/P-443	N EOS / S EOS	7/11/15	7:52 AM	56	RR	94	12.0	800	800	20	KS		
P-432/P-443	N EOS / S EOS	7/11/15	7:57 AM	57	RR	94	12.0	800	800	186	KS	DF-153	
P-444/P-445	N EOS / S EOS	7/11/15	8:26 AM	57	RR	94	12.0	800	800	186	KS		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-446/P-447	N EOS / S EOS	7/11/15	8:59 AM	59	RR	94	12.0	800	801	181	KS	DF-155	
P-448/P-449	N EOS / S EOS	7/11/15	9:31 AM	64	RR	94	12.0	800	800	191	KS		
P-450/P-451	N EOS / S EOS	7/11/15	10:09 AM	66	RR	94	12.0	800	800	186	KS	DF-157	
P-452/P-453	E EOS / W EOS	7/11/15	10:39 AM	67	RR	94	12.0	800	800	62	KS		
P-453/P-455	N EOS / S EOS	7/11/15	10:50 AM	67	RR	94	12.0	800	800	23	KS		
P-454/P-457	N EOS / S EOS	7/11/15	11:00 AM	67	RR	94	12.0	800	801	23	KS		
P-458/P-460	S EOS / N EOS	7/11/15	11:15 AM	67	RR	94	12.0	800	800	23	KS		
P-457/P-462	S EOS / N EOS	7/11/15	11:26 AM	65	RR	94	12.0	800	800	23	KS		
P-456/P-462	W EOS / E EOS	7/11/15	11:34 AM	64	RR	94	12.0	800	800	44	KS		
P-461/P-462	W EOS / E EOS	7/11/15	11:49 AM	60	RR	94	12.0	800	800	42	KS		
P-457/P-461	W EOS / E EOS	7/11/15	11:55 AM	60	RR	94	12.0	800	800	24	KS		
P-457/P-460	W EOS / E EOS	7/11/15	11:57 AM	60	RR	94	12.0	800	800	71	KS		
P-457/P-458	W EOS / E EOS	7/11/15	12:03 PM	60	RR	94	12.0	800	800	31	KS		
P-454/P-458	W EOS / E EOS	7/11/15	12:05 PM	60	RR	94	12.0	800	800	48	KS		
P-462/P-465	W EOS / E EOS	7/11/15	1:40 PM	68	RR	94	12.0	800	800	38	KS	DF-158	
P-452/P-464	N EOS / S EOS	7/11/15	2:13 PM	68	RR	94	12.0	800	800	23	KS		
P-464/P-468	N EOS / S EOS	7/11/15	2:18 PM	68	RR	94	12.0	800	800	6	KS		
P-456/P-467	N EOS / S EOS	7/11/15	2:25 PM	68	RR	94	12.0	800	800	23	KS		
P-462/P-467	W EOS / E EOS	7/11/15	2:30 PM	69	RR	94	12.0	800	800	53	KS		
P-451/P-467	W EOS / E EOS	7/11/15	2:52 PM	66	RR	94	12.0	800	800	22	KS		
P-450/P-467	W EOS / E EOS	7/11/15	2:56 PM	66	RR	94	12.0	800	800	8	KS		
P-450/P-456	W EOS / E EOS	7/11/15	2:56 PM	66	RR	94	12.0	800	800	14	KS		
P-449/P-468	W EOS / E EOS	7/11/15	2:58 PM	66	RR	94	12.0	800	800	22	KS		
P-448/P-468	W EOS / E EOS	7/11/15	2:59 PM	66	RR	94	12.0	800	800	6	KS		
P-448/P-464	W EOS / E EOS	7/11/15	3:00 PM	66	RR	94	12.0	800	800	16	KS		
P-447/P-464	W EOS / E EOS	7/11/15	3:02 PM	66	RR	94	12.0	800	800	23	KS		
P-446/P-464	W EOS / E EOS	7/11/15	3:04 PM	66	RR	94	12.0	800	800	22	KS		
P-445/P-464	W EOS / E EOS	7/11/15	3:06 PM	66	RR	94	12.0	800	800	21	KS		
P-451/P-469	N EOS / S EOS	7/11/15	3:20 PM	66	RR	94	12.0	800	800	177	KS		
P-467/P-469	W EOS / E EOS	7/11/15	3:56 PM	72	RR	94	12.0	800	800	22	KS	DF-161	
P-467/P-470	N EOS / S EOS	7/11/15	4:04 PM	72	RR	94	12.0	800	800	12	KS		
P-470/P-471	N EOS / S EOS	7/11/15	4:10 PM	72	RR	94	12.0	800	800	182	KS		
P-471/P-475	N EOS / S EOS	7/11/15	4:10 PM	72	RR	94	12.0	800	800	17	KS		
P-471/P-473	N EOS / S EOS	7/11/15	4:39 PM	60	RR	94	12.0	800	800	23	KS		
P-471/P-472	N EOS / S EOS	7/11/15	4:40 PM	60	RR	94	12.0	800	800	174	KS		
P-474/P-476	N EOS / S EOS	7/11/15	5:22 PM	60	RR	94	12.0	800	800	168	KS	DF-162	
P-476/P-477	W EOS / E EOS	7/11/15	5:54 PM	60	RR	94	12.0	800	800	23	KS		
P-474/P-477	N EOS / S EOS	7/11/15	5:59 PM	60	RR	94	12.0	800	800	8	KS		
P-477/P-478	N EOS / S EOS	7/12/15	9:21 AM	61	RR	94	12.0	800	800	3	RB		
P-476/P-478	N EOS / S EOS	7/12/15	9:21 AM	61	RR	94	12.0	800	800	165	RB		
P-479/P-480	N EOS / S EOS	7/12/15	10:05 AM	61	RR	94	12.0	800	800	154	JR		
P-481/P-482	W EOS / E EOS	7/12/15	2:13 PM	68	RR	94	12.0	800	800	78	JR	DF-163	
P-483/P-484	W EOS / E EOS	7/12/15	2:22 PM	69	RR	94	12.0	800	800	37	AF		
P-485/P-486	W EOS / E EOS	7/12/15	2:49 PM	70	RR	94	12.0	800	801	114	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-486/P-488	W EOS / E EOS	7/12/15	3:15 PM	70	RR	94	12.0	800	800	138	AF		
P-489/P-490	S EOS / N EOS	7/12/15	3:47 PM	71	RR	94	12.0	800	800	23	AF		
P-489/P-491	W EOS / E EOS	7/12/15	3:55 PM	73	RR	94	12.0	800	799	78	AF		
P-490/P-491	W EOS / E EOS	7/12/15	4:01 PM	73	RR	94	12.0	800	800	93	AF	DF-165	
P-492/P-493	S EOS / N EOS	7/12/15	4:22 PM	72	RR	94	12.0	800	800	23	AF		
P-478/P-479	N EOS / S EOS	7/12/15	9:35 AM	62	JR	92	12.0	800	800	161	JR		
P-482/P-483	W EOS / E EOS	7/12/15	2:18 PM	69	JR	92	12.0	800	800	62	JR	DF-164	
P-481/P-485	W EOS / E EOS	7/12/15	2:30 PM	69	JR	92	12.0	800	801	97	JR		
P-484/P-487	W EOS / E EOS	7/12/15	3:03 PM	69	JR	92	12.0	800	800	17	JR		
P-488/P-489	W EOS / E EOS	7/12/15	3:50 PM	73	JR	92	12.0	800	800	77	JR		
P-488/P-490	W EOS / E EOS	7/12/15	4:00 PM	73	JR	92	12.0	800	800	74	JR		
P-491/P-492	W EOS / E EOS	7/12/15	4:29 PM	72	JR	92	12.0	800	800	92	JR		
P-491/P-493	W EOS / E EOS	7/12/15	4:42 PM	72	JR	92	12.0	800	800	95	JR		
P-492/P-494	W EOS / E EOS	7/13/15	10:48 AM	76	JR	92	12.0	800	800	96	AF	DF-166	
P-493/P-494	W EOS / E EOS	7/13/15	11:00 AM	75	JR	92	12.0	800	800	113	AF		
P-495/P-496	S EOS / N EOS	7/13/15	11:17 AM	76	RR	94	12.0	800	800	23	AF		
P-494/P-495	W EOS / E EOS	7/13/15	11:30 AM	77	RR	94	12.0	800	800	36	AF		
P-494/P-496	W EOS / E EOS	7/13/15	11:33 AM	77	RR	94	12.0	800	800	189	AF		
P-495/P-497	W EOS / E EOS	7/13/15	12:08 PM	77	RR	94	12.0	800	800	38	JB		
P-496/P-497	W EOS / E EOS	7/13/15	12:11 PM	77	RR	94	12.0	800	800	140	JB	DF-167	
P-496/P-498	W EOS / E EOS	7/13/15	12:20 PM	77	RR	94	12.0	800	800	60	JB		
P-497/P-498	S EOS / N EOS	7/13/15	11:57 AM	77	RR	94	12.0	800	800	22	AF		
P-497/P-499	W EOS / E EOS	7/13/15	3:00 PM	65	RR	94	12.0	800	800	187	JB		
P-498/P-499	W EOS / E EOS	7/13/15	3:15 PM	65	RR	94	12.0	800	800	58	JB		
P-499/P-500	W EOS / E EOS	7/13/15	3:30 PM	65	RR	94	12.0	800	800	243	JB	DF-168	
P-501/P-502	E EOS / W EOS	7/14/15	9:00 AM	70	JR	92	12.0	800	801	260	AF		
P-503/P-504	W EOS / E EOS	7/14/15	10:00 AM	69	JR	92	12.0	800	800	281	AF	DF-170	
P-505/P-506	E EOS / W EOS	7/14/15	10:47 AM	69	JR	92	12.0	800	800	273	KS	DF-171	
P-507/P-508	E EOS / W EOS	7/14/15	11:42 AM	69	JR	92	12.0	800	799	292	KS		
P-500/P-501	E EOS / W EOS	7/14/15	8:31 AM	68	RR	94	12.0	800	801	250	AF		
P-502/P-503	E EOS / W EOS	7/14/15	9:30 AM	72	RR	94	12.0	800	801	277	JB	DF-169	
P-504/P-505	W EOS / E EOS	7/14/15	10:17 AM	74	RR	94	12.0	800	800	278	AF		
P-506/P-507	E EOS / W EOS	7/14/15	11:08 AM	74	RR	94	12.0	800	800	285	AF	DF-172	
P-508/P-509	W EOS / E EOS	7/14/15	11:55 AM	75	RR	94	12.0	800	800	314	AF	DF-173	
P-511/P-513	S EOS / N EOS	7/14/15	12:39 PM	60	RR	94	12.0	800	800	36	AF		
P-510/P-511	S EOS / N EOS	7/14/15	1:19 PM	60	RR	94	12.0	800	799	70	AF		
P-509/P-514	W EOS / E EOS	7/15/15	9:23 AM	59	RR	94	12.0	800	800	317	AF		
P-517/P-518	S EOS / N EOS	7/15/15	10:05 AM	60	RR	94	12.0	800	801	23	AF		
P-514/P-518	E EOS / W EOS	7/15/15	10:10 AM	60	RR	94	12.0	800	800	37	AF	DF-174	
P-514/P-517	E EOS / W EOS	7/15/15	10:13 AM	60	RR	94	12.0	800	800	102	AF		
P-514/P-516	E EOS / W EOS	7/15/15	10:22 AM	61	RR	94	12.0	800	798	59	AF		
P-514/P-515	E EOS / W EOS	7/15/15	10:27 AM	62	RR	94	12.0	800	800	123	AF		
P-520/P-521	S EOS / N EOS	7/15/15	11:00 AM	63	RR	94	12.0	800	799	23	AF		
P-521/P-522	S EOS / N EOS	7/15/15	11:10 AM	63	RR	94	12.0	800	801	23	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-523/P-524	E EOS / W EOS	7/15/15	11:37 AM	64	RR	94	12.0	800	800	47	AF		
P-522/P-524	E EOS / W EOS	7/15/15	11:41 AM	64	RR	94	12.0	800	800	79	AF		
P-521/P-524	E EOS / W EOS	7/15/15	11:46 AM	64	RR	94	12.0	800	800	107	AF	DF-176	
P-520/P-524	E EOS / W EOS	7/15/15	11:57 AM	66	RR	94	12.0	800	801	108	AF		
P-529/P-530	E EOS / W EOS	7/15/15	1:55 PM	66	RR	94	12.0	800	800	99	AF		
P-528/P-530	E EOS / W EOS	7/15/15	2:05 PM	67	RR	94	12.0	800	801	28	AF		
P-527/P-530	E EOS / W EOS	7/15/15	2:08 PM	67	RR	94	12.0	800	800	49	AF		
P-526/P-530	E EOS / W EOS	7/15/15	2:12 PM	67	RR	94	12.0	800	799	88	AF		
P-525/P-530	E EOS / W EOS	7/15/15	2:20 PM	66	RR	94	12.0	800	800	97	AF	DF-179	
P-532/P-533	S EOS / N EOS	7/15/15	2:49 PM	65	RR	94	12.0	800	800	23	AF		
P-530/P-533	E EOS / W EOS	7/15/15	3:00 PM	64	RR	94	12.0	800	798	55	AF		
P-530/P-532	E EOS / W EOS	7/15/15	3:03 PM	64	RR	94	12.0	800	800	91	AF		
P-530/P-531	E EOS / W EOS	7/15/15	3:12 PM	62	RR	94	12.0	800	800	219	AF		
P-515/P-516	S EOS / N EOS	7/15/15	9:53 AM	61	JR	92	12.0	800	800	23	KS		
P-516/P-517	S EOS / N EOS	7/15/15	10:01 AM	61	JR	92	12.0	800	800	23	KS		
P-515/P-519	W EOS / E EOS	7/15/15	10:29 AM	63	JR	92	12.0	800	801	126	KS	DF-175	
P-516/P-519	W EOS / E EOS	7/15/15	10:40 AM	63	JR	92	12.0	800	801	59	KS		
P-517/P-519	W EOS / E EOS	7/15/15	10:44 AM	62	JR	92	12.0	800	800	100	KS		
P-518/P-519	W EOS / E EOS	7/15/15	10:50 AM	63	JR	92	12.0	800	800	39	KS		
P-522/P-523	S EOS / N EOS	7/15/15	11:16 AM	64	JR	92	12.0	800	800	23	KS		
P-519/P-523	E EOS / W EOS	7/15/15	11:21 AM	64	JR	92	12.0	800	799	47	KS		
P-519/P-522	E EOS / W EOS	7/15/15	11:26 AM	64	JR	92	12.0	800	800	77	KS		
P-519/P-521	E EOS / W EOS	7/15/15	11:32 AM	64	JR	92	12.0	800	800	106	KS		
P-519/P-520	E EOS / W EOS	7/15/15	11:41 AM	64	JR	92	12.0	800	800	99	KS	DF-177	
P-525/P-526	S EOS / N EOS	7/15/15	1:10 PM	66	JR	92	12.0	800	800	23	KS		
P-526/P-527	S EOS / N EOS	7/15/15	1:22 PM	65	JR	92	12.0	800	800	23	KS		
P-527/P-528	S EOS / N EOS	7/15/15	1:34 PM	66	JR	92	12.0	800	800	23	KS		
P-528/P-529	S EOS / N EOS	7/15/15	1:38 PM	66	JR	92	12.0	800	799	23	KS		
P-524/P-529	E EOS / W EOS	7/15/15	1:56 PM	66	JR	92	12.0	800	800	95	KS		
P-524/P-528	E EOS / W EOS	7/15/15	2:05 PM	66	JR	92	12.0	800	800	26	KS		
P-524/P-527	E EOS / W EOS	7/15/15	2:09 PM	66	JR	92	12.0	800	801	48	KS		
P-524/P-526	E EOS / W EOS	7/15/15	2:13 PM	66	JR	92	12.0	800	800	87	KS		
P-524/P-525	E EOS / W EOS	7/15/15	2:21 PM	66	JR	92	12.0	800	800	90	KS	DF-178	
P-531/P-532	S EOS / N EOS	7/15/15	2:50 PM	66	JR	92	12.0	800	800	23	KS		
P-533/P-534	E EOS / W EOS	7/16/15	3:05 PM	73	RR	94	12.0	800	800	54	KS		
P-532/P-534	E EOS / W EOS	7/16/15	3:12 PM	73	RR	94	12.0	800	800	91	KS	DF-180	
P-531/P-534	E EOS / W EOS	7/16/15	3:20 PM	73	RR	94	12.0	800	800	36	KS		
P-534/P-535	E EOS / W EOS	7/16/15	3:43 PM	73	RR	94	12.0	800	801	180	KS		
P-531/P-535	E EOS / W EOS	7/16/15	4:06 PM	73	RR	94	12.0	800	800	189	KS		
P-537/P-538	E EOS / W EOS	7/16/15	4:36 PM	70	RR	94	12.0	800	800	372	KS	DF-182	
P-536/P-539	S EOS / N EOS	7/16/15	5:20 PM	70	RR	94	12.0	800	800	23	KS		
P-537/P-540	S EOS / N EOS	7/16/15	5:27 PM	70	RR	94	12.0	800	799	23	KS	DF-185	
P-535/P-539	E EOS / W EOS	7/16/15	5:37 PM	70	RR	94	12.0	800	800	3	KS		
P-540/P-545	E EOS / W EOS	7/16/15	5:42 PM	70	RR	94	12.0	800	800	17	KS		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-538/P-545	S EOS / N EOS	7/16/15	6:46 PM	59	RR	94	12.0	800	800	23	KS		
P-537/P-545	E EOS / W EOS	7/16/15	6:57 PM	59	RR	94	12.0	800	800	14	KS		
P-541/P-544	S EOS / N EOS	7/16/15	5:38 PM	59	RR	94	12.0	800	799	23	KS		
P-541/P-542	S EOS / N EOS	7/16/15	6:56 PM	59	RR	94	12.0	800	800	23	KS		
P-543/P-545	E EOS / W EOS	7/16/15	7:00 PM	59	RR	94	12.0	800	800	8	KS		
P-543/P-544	S EOS / N EOS	7/16/15	6:56 PM	59	RR	94	12.0	800	801	23	KS		
P-544/P-545	E EOS / W EOS	7/16/15	Failed Seam (Capped)							10	KS		Repair D1495
P-541/P-545	E EOS / W EOS	7/16/15	7:02 PM	59	RR	94	12.0	800	800	15	KS		
P-542/P-545	E EOS / W EOS	7/16/15	7:04 PM	59	RR	94	12.0	800	800	3	KS		
P-535/P-536	E EOS / W EOS	7/16/15	3:35 PM	66	JC	92	12.0	800	801	378	AF	DF-181	
P-536/P-537	E EOS / W EOS	7/16/15	4:25 PM	69	JC	92	12.0	800	800	378	AF		
P-536/P-540	E EOS / W EOS	7/16/15	5:30 PM	68	JC	92	12.0	800	800	5	AF		
P-539/P-540	E EOS / W EOS	7/16/15	5:31 PM	69	JC	92	12.0	800	800	7	AF		
P-538/P-543	E EOS / W EOS	7/16/15	5:50 PM	68	JC	92	12.0	800	800	368	AF	DF-183	
P-549/P-550	S EOS / N EOS	7/17/15	10:30 AM	67	JR	92	12.0	800	801	23	AF		
P-546/P-549	E EOS / W EOS	7/17/15	10:37 AM	67	JR	92	12.0	800	800	33	AF		
P-546/P-550	E EOS / W EOS	7/17/15	10:40 AM	68	JR	92	12.0	800	800	322	AF	DF-184	
P-547/P-550	E EOS / W EOS	7/17/15	11:05 AM	66	JR	92	12.0	800	800	39	AF		
P-548/P-550	E EOS / W EOS	7/17/15	11:07 AM	67	JR	92	12.0	800	800	22	AF		
P-549/P-551	E EOS / W EOS	7/17/15	11:28 AM	68	JR	92	12.0	800	800	26	AF		
P-550/P-551	E EOS / W EOS	7/17/15	11:32 AM	68	JR	92	12.0	800	799	173	AF		
P-552/P-553	S EOS / N EOS	7/17/15	11:52 AM	69	JR	92	12.0	800	800	23	AF		
P-551/P-552	E EOS / W EOS	7/17/15	11:57 AM	70	JR	92	12.0	800	800	60	AF	DF-187	
P-551/P-553	E EOS / W EOS	7/17/15	12:04 PM	72	JR	92	12.0	800	800	135	AF		
P-550/P-553	E EOS / W EOS	7/17/15	12:15 PM	73	JR	92	12.0	800	800	208	AF		
P-543/P-546	E EOS / W EOS	7/17/15	9:52 AM	67	RR	94	12.0	800	800	357	KS	DF-186	
P-546/P-547	S EOS / N EOS	7/17/15	10:36 AM	67	RR	94	12.0	800	800	23	KS		
P-547/P-548	S EOS / N EOS	7/17/15	10:43 AM	67	RR	94	12.0	800	801	23	KS		
P-543/P-547	E EOS / W EOS	7/17/15	10:52 AM	67	RR	94	12.0	800	800	18	KS		
P-544/P-547	E EOS / W EOS	7/17/15	10:53 AM	67	RR	94	12.0	800	800	11	KS		
P-541/P-547	E EOS / W EOS	7/17/15	11:00 AM	67	RR	94	12.0	800	800	7	KS		
P-541/P-548	E EOS / W EOS	7/17/15	11:01 AM	67	RR	94	12.0	800	800	8	KS		
P-542/P-548	E EOS / W EOS	7/17/15	11:02 AM	67	RR	94	12.0	800	800	7	KS		
P-554/P-555	S EOS / N EOS	7/17/15	1:19 PM	70	RR	96	12.0	800	801	23	KS	DF-188	
P-552/P-554	E EOS / W EOS	7/17/15	1:24 PM	65	RR	96	12.0	800	799	54	KS		
P-553/P-554	E EOS / W EOS	7/17/15	1:30 PM	65	RR	96	12.0	800	800	26	KS		
P-553/P-555	E EOS / W EOS	7/17/15	1:32 PM	65	RR	96	12.0	800	800	317	KS		
P-556/P-557	S EOS / N EOS	7/18/15	8:41 AM	70	RR	94	12.0	800	799	23	TJB		
P-557/P-558	E EOS / W EOS	7/18/15	Failed Seam (Capped)							4	TJB		Repair D1529
P-557/P-559	E EOS / W EOS	7/18/15	8:44 AM	70	RR	94	12.0	800	800	11	TJB		
P-556/P-558	E EOS / W EOS	7/18/15	8:59 AM	70	RR	94	12.0	800	801	381	TJB	DF-189	
P-558/P-559	S EOS / N EOS	7/18/15	9:34 AM	70	RR	94	12.0	800	800	22	TJB		
P-560/P-561	S EOS / N EOS	7/18/15	9:43 AM	70	RR	94	12.0	800	800	23	TJB		
P-560/P-562	E EOS / W EOS	7/18/15	10:01 AM	70	RR	94	12.0	800	800	377	TJB		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-562/P-571	S EOS / N EOS	7/18/15	11:03 AM	70	RR	94	12.0	800	799	22	TJB		
P-561/P-562	E EOS / W EOS	7/18/15	11:03 AM	70	RR	94	12.0	800	799	8	TJB		
P-567/P-568	E EOS / W EOS	7/18/15	11:30 AM	70	RR	94	12.0	800	799	76	TJB	DF-192	
P-566/P-568	E EOS / W EOS	7/18/15	11:40 AM	71	RR	94	12.0	800	799	238	TJB		
P-565/P-568	E EOS / W EOS	7/18/15	12:01 PM	71	RR	94	12.0	800	799	42	TJB		
P-564/P-568	E EOS / W EOS	7/18/15	12:05 PM	71	RR	94	12.0	800	798	14	TJB		
P-563/P-568	E EOS / W EOS	7/18/15	12:06 PM	71	RR	94	12.0	800	799	8	TJB		
P-563/P-570	E EOS / W EOS	7/18/15	12:06 PM	71	RR	94	12.0	800	800	4	TJB		
P-568/P-570	S EOS / N EOS	7/18/15	12:17 PM	70	RR	94	12.0	800	800	23	TJB		
P-569/P-572	E EOS / W EOS	7/18/15	1:57 AM	68	RR	94	12.0	800	800	368	TJB	DF-195	
P-573/P-574	E EOS / W EOS	7/18/15	2:48 AM	68	RR	94	12.0	800	798	365	TJB	DF-196	
P-575/P-576	E EOS / W EOS	7/18/15	3:32 AM	68	RR	94	12.0	800	798	364	TJB	DF-198	
P-576/P-577	E EOS / W EOS	7/18/15	4:56 AM	68	RR	94	12.0	800	799	365	TJB		
P-554/P-556	E EOS / W EOS	7/18/15	8:30 AM	70	JR	92	12.0	800	800	72	JR		
P-555/P-556	E EOS / W EOS	7/18/15	8:42 AM	70	JR	92	12.0	800	800	310	JR	DF-193	
P-555/P-557	E EOS / W EOS	7/18/15	9:10 AM	70	JR	92	12.0	800	800	12	JR		
P-558/P-560	E EOS / W EOS	7/18/15	9:35 AM	71	JR	92	12.0	800	800	370	JR	DF-190	
P-559/P-560	E EOS / W EOS	7/18/15	10:11 AM	71	JR	92	12.0	800	800	8	RB		
P-559/P-561	E EOS / W EOS	7/18/15	10:12 AM	71	JR	92	12.0	800	800	6	RB		
P-564/P-565	S EOS / N EOS	7/18/15	10:27 AM	71	JR	92	12.0	800	801	23	RB		
P-563/P-564	S EOS / N EOS	7/18/15	10:33 AM	71	JR	92	12.0	800	799	23	RB		
P-565/P-566	S EOS / N EOS	7/18/15	10:47 AM	71	JR	92	12.0	800	800	23	RB		
P-566/P-567	S EOS / N EOS	7/18/15	10:58 AM	71	JR	92	12.0	800	800	23	RB		
P-562/P-567	E EOS / W EOS	7/18/15	11:05 AM	71	JR	92	12.0	800	801	80	RB		
P-562/P-566	E EOS / W EOS	7/18/15	11:17 AM	71	JR	92	12.0	800	800	240	RB	DF-191	
P-562/P-565	E EOS / W EOS	7/18/15	11:38 AM	71	JR	92	12.0	800	800	39	RB		
P-562/P-564	E EOS / W EOS	7/18/15	11:42 AM	71	JR	92	12.0	800	798	14	RB		
P-562/P-563	E EOS / W EOS	7/18/15	11:43 AM	71	JR	92	12.0	800	800	4	RB		
P-563/P-571	E EOS / W EOS	7/18/15	11:44 AM	71	JR	92	12.0	800	800	5	RB		
P-568/P-569	E EOS / W EOS	7/18/15	12:00 PM	71	JR	92	12.0	800	798	383	RB	DF-194	
P-569/P-570	E EOS / W EOS	7/18/15	1:41 PM	69	JR	92	12.0	800	800	7	RB		
P-572/P-573	E EOS / W EOS	7/18/15	2:21 PM	68	JR	92	12.0	800	799	369	RB		
P-574/P-575	E EOS / W EOS	7/18/15	3:03 PM	67	JR	92	12.0	800	799	370	RB	DF-197	
P-577/P-578	E EOS / W EOS	7/18/15	5:15 PM	65	JR	92	12.0	800	800	368	RB	DF-199	
P-579/P-580	E EOS / W EOS	7/19/15	9:41 AM	61	JR	92	12.0	800	800	382	AF	DF-201	
P-582/P-583	E EOS / W EOS	7/19/15	11:00 AM	64	JR	92	12.0	800	801	384	AF		
P-582/P-587	S EOS / N EOS	7/19/15	12:05 PM	65	JR	92	12.0	800	800	22	AF	DF-203	
P-581/P-582	E EOS / W EOS	7/19/15	Failed Seam (Capped)							4	AF		Repair D1605
P-585/P-586	S EOS / N EOS	7/19/15	12:20 PM	70	JR	92	12.0	800	800	23	AF		
P-583/P-586	E EOS / W EOS	7/19/15	12:22 PM	70	JR	92	12.0	800	799	10	AF		
P-584/P-586	E EOS / W EOS	7/19/15	12:23 PM	70	JR	92	12.0	800	800	12	AF		
P-584/P-587	N EOS / S EOS	7/19/15	Failed Seam (Capped)							4	TJB		Repair D1610
P-578/P-579	E EOS / W EOS	7/19/15	9:13 AM	61	RR	94	12.0	800	799	375	TJB	DF-200	
P-580/P-581	S EOS / N EOS	7/19/15	9:58 AM	61	RR	94	12.0	800	800	23	TJB		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-580/P-582	E EOS / W EOS	7/19/15	10:12 AM	65	RR	94	12.0	800	801	378	TJB	DF-204	
P-583/P-584	S EOS / N EOS	7/19/15	11:01 AM	65	RR	94	12.0	800	802	23	TJB		
P-583/P-585	E EOS / W EOS	7/19/15	11:19 AM	65	RR	94	12.0	800	801	377	TJB	DF-202	
P-582/P-584	E EOS / W EOS	7/19/15	11:30 AM	65	RR	94	12.0	800	800	4	TJB		
P-480/P-588	N EOS / S EOS	7/21/15	12:40 PM	64	JR	92	12.0	800	800	140	CS	DF-205	
P-590/P-591	N EOS / S EOS	7/21/15	1:12 PM	64	JR	92	12.0	800	800	99	CS		
P-592/P-593	N EOS / S EOS	7/21/15	1:26 PM	64	JR	92	12.0	800	800	78	CS		
P-594/P-595	N EOS / S EOS	7/21/15	1:41 PM	64	JR	92	12.0	800	800	54	CS		
P-593/P-595	N EOS / S EOS	7/21/15	1:55 PM	64	JR	92	12.0	800	800	4	CS		
P-596/P-597	N EOS / S EOS	7/21/15	2:09 PM	64	JR	92	12.0	800	800	51	CS		
P-598/P-599	N EOS / S EOS	7/21/15	2:20 PM	64	JR	92	12.0	800	800	39	CS		
P-600/P-601	N EOS / S EOS	7/21/15	2:32 PM	64	JR	92	12.0	800	800	24	CS		
P-601/P-602	N EOS / S EOS	7/21/15	2:40 PM	64	JR	92	12.0	800	800	15	CS	DF-208	
P-588/P-589	N EOS / S EOS	7/21/15	12:34 PM	64	RR	94	12.0	800	800	136	RB	DF-206	
P-589/P-590	N EOS / S EOS	7/21/15	12:59 PM	64	RR	94	12.0	800	800	116	RB		
P-591/P-592	N EOS / S EOS	7/21/15	1:14 PM	64	RR	94	12.0	800	800	89	RB		
P-593/P-594	N EOS / S EOS	7/21/15	1:35 PM	64	RR	94	12.0	800	800	62	RB		
P-595/P-596	N EOS / S EOS	7/21/15	1:58 PM	64	RR	94	12.0	800	800	57	RB		
P-597/P-598	N EOS / S EOS	7/21/15	2:11 PM	64	RR	94	12.0	800	800	45	RB	DF-207	
P-599/P-600	N EOS / S EOS	7/21/15	2:26 PM	64	RR	94	12.0	800	800	29	RB		
P-585/P-603	E EOS / W EOS	7/22/15	11:24 AM	61	RR	94	12.0	800	800	335	KS		
P-603/P-604	E EOS / W EOS	7/22/15	11:28 AM	57	JR	92	12.0	800	801	348	JR		
P-604/P-605	E EOS / W EOS	7/22/15	12:03 PM	61	RR	94	12.0	800	801	342	KS	DF-209	
P-603/P-607	S EOS / N EOS	7/22/15	12:16 PM	61	JR	92	12.0	800	799	22	JR		
P-604/P-608	S EOS / N EOS	7/22/15	12:24 PM	61	JR	92	12.0	800	800	22	JR		
P-605/P-609	S EOS / N EOS	7/22/15	12:28 PM	61	JR	92	12.0	800	800	22	JR		
P-585/P-607	E EOS / W EOS	7/22/15	12:35 PM	61	JR	92	12.0	800	800	36	JR		
P-604/P-609	E EOS / W EOS	7/22/15	12:36 PM	61	RR	94	12.0	800	800	35	KS		
P-586/P-607	E EOS / W EOS	7/22/15	12:38 PM	62	JR	92	12.0	800	801	27	JR		
P-608/P-609	E EOS / W EOS	7/22/15	12:39 PM	61	RR	94	12.0	800	800	38	KS		
P-604/P-607	E EOS / W EOS	7/22/15	12:40 PM	62	JR	92	12.0	800	800	31	JR	DF-210	
P-607/P-608	E EOS / W EOS	7/22/15	12:44 PM	62	JR	92	12.0	800	800	34	JR		
P-606/P-609	W EOS / E EOS	7/22/15	1:15 PM	61	RR	94	12.0	800	799	40	KS		
P-605/P-606	W EOS / E EOS	7/22/15	1:20 PM	61	RR	94	12.0	800	800	336	KS	DF-211	
P-606/P-610	W EOS / E EOS	7/22/15	2:12 PM	60	JR	92	12.0	800	799	250	JR		
P-606/P-611	S EOS / N EOS	7/22/15	2:49 PM	60	JR	92	12.0	800	800	22	JR		
P-612/P-613	S EOS / N EOS	7/22/15	2:50 PM	62	RR	94	12.0	800	800	23	KS		
P-609/P-611	E EOS / W EOS	7/22/15	2:57 PM	60	JR	92	12.0	800	800	36	JR		
P-610/P-613	W EOS / E EOS	7/22/15	3:03 PM	61	RR	94	12.0	800	800	110	KS		
P-610/P-611	E EOS / W EOS	7/22/15	3:06 PM	60	JR	92	12.0	800	801	39	JR		
P-610/P-612	W EOS / E EOS	7/22/15	3:13 PM	61	RR	94	12.0	800	799	132	KS	DF-212	
P-614/P-615	S EOS / N EOS	7/22/15	3:34 PM	64	JR	92	12.0	800	800	22	JR		
P-613/P-615	W EOS / E EOS	7/22/15	3:37 PM	64	JR	92	12.0	800	799	27	JR		
P-613/P-614	W EOS / E EOS	7/22/15	3:41 PM	64	JR	92	12.0	800	799	88	JR	DF-213	

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-612/P-614	W EOS / E EOS	7/22/15	3:49 PM	64	JR	92	12.0	800	801	90	JR		
P-616/P-617	W EOS / E EOS	7/22/15	4:08 PM	63	RR	94	12.0	800	800	179	KS		
P-618/P-619	S EOS / N EOS	7/22/15	4:24 PM	63	JR	92	12.0	800	800	23	JR		
P-617/P-618	W EOS / E EOS	7/22/15	4:30 PM	63	JR	92	12.0	800	800	38	JR		
P-617/P-619	W EOS / E EOS	7/22/15	4:34 PM	63	JR	92	12.0	800	800	129	JR		
P-618/P-620	W EOS / E EOS	7/22/15	4:39 PM	66	RR	94	12.0	800	800	16	KS		
P-619/P-620	W EOS / E EOS	7/22/15	4:40 PM	66	RR	94	12.0	800	800	125	KS		
P-621/P-622	S EOS / N EOS	7/22/15	5:01 PM	66	RR	94	12.0	800	800	23	KS		
P-620/P-621	W EOS / E EOS	7/22/15	5:04 PM	62	JR	92	12.0	800	799	20	JR		
P-620/P-622	W EOS / E EOS	7/22/15	5:06 PM	62	JR	92	12.0	800	799	109	JR		
P-622/P-623	W EOS / E EOS	7/22/15	5:18 PM	67	RR	94	12.0	800	800	107	KS		
P-623/P-624	W EOS / E EOS	7/22/15	5:22 PM	62	JR	92	12.0	800	801	54	JR	DF-214	
P-624/P-625	S EOS / N EOS	7/22/15	5:31 PM	62	JR	92	12.0	800	800	22	JR		
P-623/P-625	N EOS / S EOS	7/22/15	5:35 PM	62	JR	92	12.0	800	800	6	JR		
P-625/P-626	W EOS / E EOS	7/22/15	5:35 PM	67	RR	94	12.0	800	800	8	KS		
P-610/P-621	S EOS / N EOS	7/22/15	5:47 PM	61	JR	92	12.0	800	800	29	JR		
P-606/P-626	E EOS / W EOS	7/22/15	5:48 PM	66	RR	94	12.0	800	801	9	KS		
P-606/P-624	E EOS / W EOS	7/22/15	5:50 PM	66	RR	94	12.0	800	801	57	KS	DF-215	
P-610/P-620	S EOS / N EOS	7/22/15	5:50 PM	61	JR	92	12.0	800	800	22	JR		
P-612/P-620	S EOS / N EOS	7/22/15	5:52 PM	60	JR	92	12.0	800	800	9	JR		
P-606/P-623	E EOS / W EOS	7/22/15	5:55 PM	66	RR	94	12.0	800	800	58	KS		
P-612/P-618	S EOS / N EOS	7/22/15	5:56 PM	60	JR	92	12.0	800	800	29	JR		
P-612/P-617	S EOS / N EOS	7/22/15	6:00 PM	60	JR	92	12.0	800	799	11	JR		
P-614/P-617	S EOS / N EOS	7/22/15	6:05 PM	60	JR	92	12.0	800	800	18	JR		
P-614/P-616	S EOS / N EOS	7/22/15	6:07 PM	60	JR	92	12.0	800	798	30	JR		
P-614/P-627	W EOS / E EOS	7/23/15	8:57 AM	58	RR	94	12.0	800	801	64	MT	DF-216	
P-616/P-627	W EOS / E EOS	7/23/15	9:05 AM	58	RR	94	12.0	800	801	192	MT		
P-628/P-629	S EOS / N EOS	7/23/15	9:33 AM	61	JR	92	12.0	800	801	22	JR		
P-627/P-629	W EOS / E EOS	7/23/15	9:39 AM	61	RR	94	12.0	800	799	253	MT		
P-630/P-631	S EOS / N EOS	7/23/15	9:49 AM	61	JR	92	12.0	800	798	22	JR		
P-628/P-630	W EOS / E EOS	7/23/15	9:58 AM	61	JR	92	12.0	800	800	56	JR		
P-629/P-630	W EOS / E EOS	7/23/15	10:04 AM	62	JR	92	12.0	800	800	26	JR		
P-629/P-631	W EOS / E EOS	7/23/15	10:06 AM	61	JR	92	12.0	800	800	132	JR		
P-631/P-632	S EOS / N EOS	7/23/15	10:06 AM	61	RR	94	12.0	800	801	23	MT		
P-629/P-632	W EOS / E EOS	7/23/15	10:17 AM	61	JR	92	12.0	800	801	92	JR	DF-217	
P-615/P-630	W EOS / E EOS	7/23/15	10:18 AM	62	RR	94	12.0	800	801	32	MT		
P-614/P-630	W EOS / E EOS	7/23/15	10:21 AM	62	RR	94	12.0	800	799	15	MT		
P-614/P-628	W EOS / E EOS	7/23/15	10:23 AM	62	RR	94	12.0	800	800	60	MT		
P-630/P-633	W EOS / E EOS	7/23/15	10:45 AM	62	JR	92	12.0	800	800	127	JR		
P-631/P-633	W EOS / E EOS	7/23/15	10:56 AM	62	JR	92	12.0	800	800	131	JR		
P-634/P-635	S EOS / N EOS	7/23/15	10:59 AM	63	RR	94	12.0	800	810	23	MT		
P-633/P-634	W EOS / E EOS	7/23/15	11:06 AM	63	RR	94	12.0	800	799	38	MT		
P-632/P-633	W EOS / E EOS	7/23/15	11:07 AM	62	JR	92	12.0	800	800	91	JR		
P-633/P-635	W EOS / E EOS	7/23/15	11:10 AM	64	RR	94	12.0	800	801	307	MT	DF-218	

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-114/P-636	E EOS / W EOS	7/24/15	10:20 AM	65	JR	92	12.0	800	800	214	AF	DF-219	
P-209/P-636	E EOS / W EOS	7/24/15	10:43 AM	65	JR	92	12.0	800	801	67	AF		
P-210/P-636	E EOS / W EOS	7/24/15	10:50 AM	66	JR	92	12.0	800	799	23	AF		
P-636/P-637	E EOS / W EOS	7/24/15	10:07 AM	64	RR	94	12.0	800	800	370	JR	DF-220	
P-637/P-638	E EOS / W EOS	7/24/15	11:07 AM	64	RR	94	12.0	800	800	382	JR		
P-638/P-639	E EOS / W EOS	7/24/15	1:00 PM	67	RR	94	12.0	800	801	380	JR	DF-221	
P-639/P-640	E EOS / W EOS	7/24/15	1:33 PM	74	JR	92	12.0	800	800	381	AF	DF-222	
P-640/P-641	E EOS / W EOS	7/24/15	2:26 PM	72	RR	94	12.0	800	800	385	JR	DF-223	
P-642/P-643	E EOS / W EOS	7/24/15	3:17 PM	71	RR	94	12.0	800	800	12	JR		
P-641/P-642	E EOS / W EOS	7/24/15	3:23 PM	71	RR	94	12.0	800	800	34	JR		
P-641/P-644	E EOS / W EOS	7/24/15	3:29 PM	75	JR	92	12.0	800	800	348	AF	DF-224	
P-641/P-643	E EOS / W EOS	7/24/15	3:29 PM	71	RR	94	12.0	800	801	5	JR		
P-411/P-643	E EOS / W EOS	7/24/15	3:56 PM	73	RR	94	12.0	800	800	6	JR		
P-411/P-642	E EOS / W EOS	7/24/15	3:57 PM	73	RR	94	12.0	800	800	35	JR		
P-644/P-645	E EOS / W EOS	7/24/15	5:18 PM	72	RR	94	12.0	800	800	340	JR	DF-225	
P-645/P-646	E EOS / W EOS	7/27/15	9:11 AM	69	JR	92	12.0	800	801	338	JB		
P-646/P-647	E EOS / W EOS	7/27/15	9:21 AM	69	RR	94	12.0	800	801	338	JR	DF-226	
P-647/P-648	E EOS / W EOS	7/27/15	10:01 AM	70	JR	92	12.0	800	800	337	JB	DF-227	
P-648/P-650	E EOS / W EOS	7/27/15	10:23 AM	70	RR	94	12.0	800	801	332	JR		
P-649/P-650	N EOS / S EOS	7/27/15	10:35 AM	70	JR	92	12.0	800	801	23	JB		
P-648/P-649	E EOS / W EOS	7/27/15	10:53 AM	71	RR	94	12.0	800	800	19	JR		
P-650/P-651	E EOS / W EOS	7/27/15	11:04 AM	71	JR	92	12.0	800	799	324	JB	DF-228	
P-649/P-651	E EOS / W EOS	7/27/15	11:40 AM	71	JR	92	12.0	800	800	44	JB		
P-651/P-652	E EOS / W EOS	7/27/15	11:51 AM	60	RR	94	12.0	800	799	383	JR	DF-229	
P-653/P-654	E EOS / W EOS	7/27/15	1:44 PM	70	RR	94	12.0	800	800	384	JR	DF-230	
P-652/P-653	E EOS / W EOS	7/27/15	1:47 PM	70	JR	92	12.0	800	800	379	JB	DF-231	
P-654/P-655	E EOS / W EOS	7/27/15	2:20 PM	70	JR	92	12.0	800	801	384	JB		
P-655/P-656	E EOS / W EOS	7/27/15	2:52 PM	73	RR	94	12.0	800	800	378	JR	DF-232	
P-656/P-657	E EOS / W EOS	7/27/15	3:37 PM	75	JR	92	12.0	800	801	185	JB	DF-233	
P-657/P-658	E EOS / W EOS	7/27/15	3:54 PM	73	RR	94	12.0	800	801	183	JR		
P-656/P-658	E EOS / W EOS	7/27/15	4:11 PM	73	RR	94	12.0	800	800	185	JR		
P-658/P-659	E EOS / W EOS	7/27/15	4:37 PM	75	JR	92	12.0	800	800	189	JB		
P-659/P-660	E EOS / W EOS	7/27/15	4:50 PM	72	RR	94	12.0	800	800	183	JR	DF-234	
P-658/P-660	E EOS / W EOS	7/27/15	5:05 PM	72	RR	94	12.0	800	800	175	JR		
P-652/P-661	E EOS / W EOS	7/27/15	5:17 PM	73	JR	92	12.0	800	800	11	JB		
P-651/P-661	S EOS / N EOS	7/27/15	5:20 PM	73	JR	92	12.0	800	801	14	JB		
P-660/P-662	E EOS / W EOS	7/28/15	8:30 AM	60	RR	94	12.0	800	800	355	JB	DF-235	
P-662/P-663	e EOS / W EOS	7/28/15	9:14 AM	66	JR	92	12.0	800	800	233	AF	DF-236	
P-664/P-665	S EOS / N EOS	7/28/15	9:43 AM	66	RR	94	12.0	800	798	23	JB		
P-665/P-666	S EOS / N EOS	7/28/15	9:49 AM	66	RR	94	12.0	800	799	23	JB		
P-663/P-666	E EOS / W EOS	7/28/15	9:58 AM	66	JR	92	12.0	800	801	141	AF		
P-666/P-667	E EOS / W EOS	7/28/15	9:58 AM	66	RR	94	12.0	800	798	141	JB		
P-663/P-665	E EOS / W EOS	7/28/15	10:10 AM	66	JR	92	12.0	800	799	33	AF		
P-665/P-667	E EOS / W EOS	7/28/15	10:10 AM	66	RR	94	12.0	800	803	29	JB		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-663/P-664	E EOS / W EOS	7/28/15	10:13 AM	66	JR	92	12.0	800	800	27	AF		
P-667/P-669	E EOS / W EOS	7/28/15	10:19 AM	66	RR	94	12.0	800	800	111	JB	DF-237	
P-668/P-669	S EOS / N EOS	7/28/15	10:22 AM	66	JR	92	12.0	800	798	23	AF		
P-667/P-668	E EOS / W EOS	7/28/15	10:27 AM	66	RR	94	12.0	800	799	29	JB		
P-669/P-670	E EOS / W EOS	7/28/15	10:30 AM	66	JR	92	12.0	800	800	113	AF		
P-671/P-672	S EOS / N EOS	7/28/15	10:39 AM	66	RR	94	12.0	800	798	23	JB		
P-670/P-672	E EOS / W EOS	7/28/15	10:45 AM	66	RR	94	12.0	800	801	49	JB		
P-670/P-671	E EOS / W EOS	7/28/15	10:50 AM	66	RR	94	12.0	800	801	31	JB		
P-671/P-673	E EOS / W EOS	7/29/15	8:55 AM	67	RR	94	12.0	800	800	39	AF		
P-670/P-673	E EOS / W EOS	7/29/15	8:59 AM	67	RR	94	12.0	800	801	39	AF		
P-663/P-673	W EOS / E EOS	7/29/15	9:04 AM	68	RR	94	12.0	800	799	36	BM		
P-672/P-674	E EOS / W EOS	7/29/15	9:14 AM	67	JR	92	12.0	800	801	47	AF		
P-664/P-673	W EOS / E EOS	7/29/15	9:15 AM	68	RR	94	12.0	800	801	38	BM		
P-667/P-673	W EOS / E EOS	7/29/15	9:18 AM	68	RR	94	12.0	800	801	39	BM		
P-668/P-673	W EOS / E EOS	7/29/15	9:22 AM	68	RR	94	12.0	800	800	39	BM		
P-673/P-674	W EOS / E EOS	7/29/15	9:25 AM	67	JR	92	12.0	800	800	44	AF		
P-676/P-677	E EOS / W EOS	7/29/15	9:32 AM	68	RR	94	12.0	800	799	23	BM		
P-675/P-677	S EOS / N EOS	7/29/15	9:38 AM	68	JR	92	12.0	800	800	17	AF		
P-675/P-676	S EOS / N EOS	7/29/15	9:41 AM	68	JR	92	12.0	800	800	111	AF	DF-238	
P-676/P-678	S EOS / N EOS	7/29/15	9:45 AM	68	RR	94	12.0	800	800	114	BM	DF-239	
P-678/P-679	S EOS / N EOS	7/29/15	10:00 AM	68	JR	92	12.0	800	800	103	AF		
P-680/P-681	E EOS / W EOS	7/29/15	10:05 AM	68	RR	94	12.0	800	801	23	BM		
P-679/P-680	S EOS / N EOS	7/29/15	10:14 AM	68	JR	92	12.0	800	799	16	AF		
P-679/P-681	S EOS / N EOS	7/29/15	10:17 AM	68	JR	92	12.0	800	801	68	AF		
P-681/P-682	S EOS / N EOS	7/29/15	10:25 AM	67	JR	92	12.0	800	800	62	AF		
P-682/P-683	S EOS / N EOS	7/29/15	10:26 AM	68	RR	94	12.0	800	799	30	BM		
P-673/P-683	E EOS / W EOS	7/29/15	10:40 AM	67	JR	92	12.0	800	800	23	AF		
P-673/P-682	E EOS / W EOS	7/29/15	10:45 AM	67	JR	92	12.0	800	801	27	AF		
P-673/P-680	E EOS / W EOS	7/29/15	10:47 AM	67	JR	92	12.0	800	799	26	AF		
P-673/P-679	E EOS / W EOS	7/29/15	10:49 AM	66	JR	92	12.0	800	800	27	AF		
P-673/P-678	E EOS / W EOS	7/29/15	10:53 AM	65	JR	92	12.0	800	798	26	AF	DF-240	
P-684/P-685	E EOS / W EOS	7/29/15	10:58 AM	68	RR	94	12.0	800	798	23	TLB		
P-675/P-684	S EOS / N EOS	7/29/15	11:05 AM	68	RR	94	12.0	800	801	16	TLB		
P-675/P-685	S EOS / N EOS	7/29/15	11:07 AM	68	RR	94	12.0	800	798	119	TLB		
P-673/P-677	E EOS / W EOS	7/29/15	11:10 AM	64	JR	92	12.0	800	800	28	AF		
P-673/P-675	E EOS / W EOS	7/29/15	11:13 AM	66	JR	92	12.0	800	800	27	AF		
P-673/P-684	E EOS / W EOS	7/29/15	11:15 AM	67	JR	92	12.0	800	800	27	AF		
P-684/P-686	S EOS / N EOS	7/29/15	11:56 AM	68	RR	94	12.0	800	799	31	JB		
P-685/P-686	S EOS / N EOS	7/29/15	11:59 AM	68	RR	94	12.0	800	801	116	JB		
P-687/P-688	E EOS / W EOS	7/29/15	1:22 PM	68	JR	92	12.0	800	800	23	AF		
P-686/P-688	S EOS / N EOS	7/29/15	1:29 PM	68	RR	94	12.0	800	798	91	JB	DF-241	
P-688/P-689	E EOS / W EOS	7/29/15	1:32 PM	69	JR	92	12.0	800	800	23	AF		
P-689/P-690	N EOS / S EOS	7/29/15	1:34 PM	70	JR	92	12.0	800	800	64	AF		
P-686/P-689	S EOS / N EOS	7/29/15	1:38 PM	70	RR	94	12.0	800	800	67	JB		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-688/P-690	N EOS / S EOS	7/29/15	1:52 PM	70	JR	92	12.0	800	801	91	AF		
P-690/P-691	N EOS / S EOS	7/29/15	2:01 PM	70	RR	94	12.0	800	798	120	JB		
P-687/P-690	N EOS / S EOS	7/29/15	2:03 PM	70	JR	92	12.0	800	800	15	AF		
P-691/P-692	E EOS / W EOS	7/29/15	2:35 PM	70	RR	94	12.0	800	800	23	JB		
P-690/P-692	N EOS / S EOS	7/29/15	2:42 PM	70	RR	94	12.0	800	801	63	JB		
P-691/P-693	N EOS / S EOS	7/29/15	2:45 PM	70	JR	92	12.0	800	801	120	AF		
P-692/P-693	N EOS / S EOS	7/29/15	3:00 PM	70	JR	92	12.0	800	800	65	AF		
P-694/P-695	E EOS / W EOS	7/29/15	3:25 PM	69	JR	92	12.0	800	800	23	AF		
P-693/P-695	N EOS / S EOS	7/29/15	3:27 PM	69	RR	94	12.0	800	800	52	JB		
P-693/P-694	N EOS / S EOS	7/29/15	3:32 PM	69	RR	94	12.0	800	801	127	JB	DF-242	
P-695/P-696	N EOS / S EOS	7/29/15	3:35 PM	69	JR	92	12.0	800	800	53	AF	DF-243	
P-694/P-696	N EOS / S EOS	7/29/15	3:39 PM	69	JR	92	12.0	800	800	123	AF		
P-696/P-697	N EOS / S EOS	7/29/15	4:07 PM	69	RR	94	12.0	800	799	146	JB		
P-673/P-686	N EOS / S EOS	7/29/15	4:15 PM	69	JR	92	12.0	800	800	26	AF		
P-673/P-687	N EOS / S EOS	7/29/15	4:18 PM	69	JR	92	12.0	800	800	27	AF		
P-673/P-690	N EOS / S EOS	7/29/15	4:30 PM	69	JR	92	12.0	800	801	26	AF		
P-673/P-692	N EOS / S EOS	7/29/15	4:34 PM	69	JR	92	12.0	800	799	9	AF		
P-696/P-698	N EOS / S EOS	7/29/15	4:40 PM	68	RR	94	12.0	800	797	21	JB		
P-697/P-698	E EOS / W EOS	7/29/15	4:43 PM	68	RR	94	12.0	800	798	23	JB		
P-662/P-673	E EOS / W EOS	7/29/15	4:48 PM	69	JR	92	12.0	800	800	35	AF		
P-662/P-692	E EOS / W EOS	7/29/15	4:51 PM	69	JR	92	12.0	800	800	14	AF		
P-662/P-693	E EOS / W EOS	7/29/15	4:53 PM	69	JR	92	12.0	800	800	23	AF		
P-662/P-694	E EOS / W EOS	7/29/15	4:56 PM	70	JR	92	12.0	800	800	23	AF		
P-662/P-696	E EOS / W EOS	7/29/15	4:57 PM	70	JR	92	12.0	800	800	23	AF		
P-662/P-698	E EOS / W EOS	7/29/15	4:59 PM	70	JR	92	12.0	800	798	23	AF		
P-699/P-700	E EOS / W EOS	7/30/15	8:58 AM	63	RR	94	12.0	800	801	35	AF		
P-217/P-699	W EOS / E EOS	7/30/15	9:01 AM	63	JR	92	12.0	800	799	34	AF		
P-700/P-701	E EOS / W EOS	7/30/15	9:05 AM	63	RR	94	12.0	800	800	38	KS		
P-702/P-703	E EOS / W EOS	7/30/15	9:09 AM	63	JR	92	12.0	800	800	49	AF		
P-701/P-702	E EOS / W EOS	7/30/15	9:10 AM	63	RR	94	12.0	800	800	43	KS		
P-703/P-704	E EOS / W EOS	7/30/15	9:16 AM	64	JR	92	12.0	800	800	49	AF	DF-244	
P-704/P-705	E EOS / W EOS	7/30/15	9:21 AM	63	RR	94	12.0	800	801	51	KS		
P-705/P-706	E EOS / W EOS	7/30/15	9:29 AM	66	JR	92	12.0	800	801	55	AF		
P-706/P-707	E EOS / W EOS	7/30/15	9:38 AM	68	RR	94	12.0	800	800	53	KS		
P-707/P-708	E EOS / W EOS	7/30/15	9:45 AM	68	JR	92	12.0	800	798	59	AF		
P-708/P-709	E EOS / W EOS	7/30/15	9:57 AM	68	RR	94	12.0	800	800	62	KS	DF-245	
P-709/P-710	E EOS / W EOS	7/30/15	10:06 AM	68	RR	94	12.0	800	799	32	KS		
P-710/P-711	E EOS / W EOS	7/30/15	10:22 AM	68	JR	92	12.0	800	800	34	AF		
P-709/P-711	E EOS / W EOS	7/30/15	10:26 AM	67	JR	92	12.0	800	800	37	AF		
P-712/P-713	N EOS / S EOS	7/30/15	11:12 AM	68	RR	94	12.0	800	800	23	KS		
P-711/P-712	E EOS / W EOS	7/30/15	11:18 AM	69	RR	94	12.0	800	800	14	KS		
P-711/P-713	E EOS / W EOS	7/30/15	11:20 AM	70	RR	94	12.0	800	800	70	KS		
P-713/P-714	E EOS / W EOS	7/30/15	4:22 PM	66	JR	92	12.0	800	801	59	AF		
P-714/P-715	W EOS / E EOS	7/30/15	4:49 PM	64	RR	94	12.0	800	800	56	KS		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-715/P-716	W EOS / D1869	7/30/15	5:04 PM	64	RR	94	12.0	800	800	32	KS		Split Seam
P-715/P-716	D1869 / E EOS	7/30/15	5:05 PM	64	JR	92	12.0	800	800	28	AF		Split Seam
P-717/P-718	N EOS / S EOS	7/30/15	5:21 PM	63	JR	92	12.0	800	800	18	AF		
P-716/P-718	E EOS / W EOS	7/30/15	5:26 PM	63	JR	92	12.0	800	801	25	AF		
P-716/P-717	E EOS / W EOS	7/30/15	5:30 PM	63	JR	92	12.0	800	800	25	AF		
P-717/P-719	E EOS / W EOS	7/30/15	5:33 PM	63	JR	92	12.0	800	800	36	AF		
P-719/P-720	E EOS / W EOS	7/30/15	5:45 PM	63	JR	92	12.0	800	800	24	AF		
P-720/P-721	E EOS / W EOS	7/30/15	5:55 PM	63	JR	92	12.0	800	801	11	AF		
P-721/P-722	N EOS / S EOS	7/30/15	6:45 PM	62	JR	92	12.0	800	800	32	AF		
P-720/P-722	N EOS / S EOS	7/30/15	6:50 PM	62	JR	92	12.0	800	800	36	AF	DF-246	
P-719/P-722	N EOS / S EOS	7/30/15	6:54 PM	62	JR	92	12.0	800	800	37	AF		
P-717/P-722	N EOS / S EOS	7/30/15	7:00 PM	62	JR	92	12.0	800	800	6	AF		
P-718/P-722	N EOS / S EOS	7/30/15	7:02 PM	62	JR	92	12.0	800	799	30	AF		
P-716/P-722	N EOS / S EOS	7/30/15	7:05 PM	62	JR	92	12.0	800	800	36	AF		
P-714/P-722	N EOS / S EOS	7/30/15	Failed Seam (Capped)							2	AF		Repair D1891
P-712/P-722	E EOS / W EOS	7/30/15	7:15 PM	61	JR	92	12.0	800	800	6	AF		
P-715/P-722	N EOS / S EOS	7/30/15	Failed Seam (Capped)							2	AF		Repair D1890
P-713/P-722	E EOS / W EOS	7/30/15	7:16 PM	61	JR	92	12.0	800	800	15	AF		
P-722/P-723	N EOS / S EOS	07/31/15	8:32 AM	68	RR	96	12.0	800	800	263	KS	DF-247	
P-723/P-724	N EOS / S EOS	07/31/15	8:52 AM	67	JR	92	12.0	800	799	305	AF		
P-724/P-725	N EOS / S EOS	07/31/15	9:08 AM	68	RR	96	12.0	800	800	292	TB	DF-248	
P-725/P-726	N EOS / S EOS	07/31/15	9:30 AM	67	JR	92	12.0	800	800	293	AF	DF-249	
P-726/P-727	N EOS / S EOS	07/31/15	9:43 AM	69	RR	96	12.0	800	799	290	TB		
P-727/P-728	N EOS / S EOS	07/31/15	10:06 AM	68	JR	92	12.0	800	800	282	AF	DF-250	
P-729/P-730	E EOS / W EOS	07/31/15	10:41 AM	68	RR	96	12.0	800	801	23	TB		
P-730/P-731	E EOS / W EOS	07/31/15	10:57 AM	67	RR	96	12.0	800	800	23	TB		
P-728/P-731	N EOS / S EOS	07/31/15	11:00 AM	65	JR	92	12.0	800	800	105	AF		
P-728/P-730	N EOS / S EOS	07/31/15	11:09 AM	65	JR	92	12.0	800	801	90	AF		
P-728/P-729	N EOS / S EOS	07/31/15	11:18 AM	64	JR	92	12.0	800	799	88	AF		
P-731/P-732	N EOS / S EOS	07/31/15	11:21 AM	65	RR	96	12.0	800	800	103	TB		
P-730/P-732	N EOS / S EOS	07/31/15	11:30 AM	65	RR	96	12.0	800	800	92	TB	DF-251	
P-729/P-732	N EOS / S EOS	07/31/15	11:37 AM	65	RR	96	12.0	800	801	97	TB		
P-712/P-723	E EOS / W EOS	07/31/15	11:41 AM	63	JR	92	12.0	800	800	23	AF		
P-732/P-733	S EOS / N EOS	07/31/15	1:32 PM	67	JR	92	12.0	800	800	145	AF		
P-734/P-735	E EOS / W EOS	07/31/15	1:59 PM	66	RR	96	12.0	800	800	22	TB		
P-735/P-736	E EOS / W EOS	07/31/15	2:11 PM	67	RR	96	12.0	800	800	23	TB		
P-736/P-737	E EOS / W EOS	07/31/15	2:21 PM	67	RR	96	12.0	800	800	23	TB		
P-733/P-737	N EOS / S EOS	07/31/15	2:33 PM	67	RR	96	12.0	800	799	72	TB		
P-733/P-736	N EOS / S EOS	07/31/15	2:38 PM	67	RR	96	12.0	800	801	63	TB		
P-733/P-735	N EOS / S EOS	07/31/15	2:45 PM	67	RR	96	12.0	800	800	7	TB		
P-732/P-735	N EOS / S EOS	07/31/15	2:45 PM	67	RR	96	12.0	800	800	76	TB		
P-732/P-734	N EOS / S EOS	07/31/15	2:55 PM	67	RR	96	12.0	800	800	72	TB	DF-252	
P-737/P-738	N EOS / S EOS	07/31/15	3:20 PM	66	JR	92	12.0	800	800	72	AF	DF-253	
P-736/P-738	N EOS / S EOS	07/31/15	3:31 PM	66	JR	92	12.0	800	801	62	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-735/P-738	N EOS / S EOS	07/31/15	3:37 PM	65	JR	92	12.0	800	798	83	AF		
P-734/P-738	N EOS / S EOS	07/31/15	3:45 PM	65	JR	92	12.0	800	800	76	AF		
P-738/P-739	N EOS / S EOS	07/31/15	3:53 PM	67	RR	96	12.0	800	801	147	TB		
P-739/P-740	N EOS / S EOS	07/31/15	4:13 PM	64	JR	92	12.0	800	801	146	AF		
P-738/P-740	N EOS / S EOS	07/31/15	4:15 PM	67	RR	96	12.0	800	799	143	TB		
P-740/P-741	N EOS / S EOS	07/31/15	4:55 PM	63	JR	92	12.0	800	800	141	AF	DF-254	
P-741/P-742	N EOS / S EOS	08/01/15	12:02 PM	80	RR	96	12.0	800	800	140	AF	DF-255	
P-740/P-742	N EOS / S EOS	08/01/15	12:19 PM	80	RR	96	12.0	800	801	160	AF		
P-742/P-743	N EOS / S EOS	08/01/15	1:30 PM	78	RR	96	12.0	800	800	321	AF		
P-743/P-744	N EOS / S EOS	08/01/15	2:14 PM	67	RR	96	12.0	800	800	323	AF	DF-256	
P-744/P-745	N EOS / S EOS	08/03/15	8:45 AM	57	JR	92	12.0	800	801	330	AF		
P-746/P-747	N EOS / S EOS	08/03/15	9:34 AM	57	RR	96	12.0	830	831	73	TB		
P-747/P-748	W EOS / E EOS	08/03/15	9:51 AM	57	JR	92	12.0	800	800	70	AF		
P-748/P-749	W EOS / E EOS	08/03/15	10:02 AM	57	RR	96	12.0	830	829	73	TB		
P-749/P-750	W EOS / E EOS	08/03/15	10:14 AM	58	JR	92	12.0	800	800	95	AF	DF-257	
P-750/P-751	W EOS / E EOS	08/03/15	10:42 AM	58	RR	96	12.0	830	829	75	TB	DF-258	
P-751/P-753	N EOS / S EOS	08/03/15	11:03 AM	58	RR	96	12.0	830	830	23	TB		
P-750/P-753	W EOS / E EOS	08/03/15	11:09 AM	58	RR	96	12.0	830	831	47	TB		
P-751/P-752	N EOS / S EOS	08/03/15	Failed Seam (Capped)							23	TB		Repair D1964
P-752/P-754	W EOS / E EOS	08/03/15	11:21 AM	58	RR	96	12.0	830	829	25	TB		
P-751/P-754	W EOS / E EOS	08/03/15	11:28 AM	58	RR	96	12.0	830	830	79	TB		
P-753/P-754	W EOS / E EOS	08/03/15	11:33 AM	58	RR	96	12.0	830	831	50	TB		
P-755/P-756	N EOS / S EOS	08/03/15	11:59 AM	58	RR	96	12.0	830	829	17	TB		
P-754/P-755	W EOS / E EOS	08/03/15	12:05 PM	59	RR	96	12.0	830	830	139	TB		
P-755/P-757	N EOS / S EOS	08/03/15	1:37 PM	72	RR	96	12.0	800	801	23	TB		
P-754/P-757	W EOS / E EOS	08/03/15	1:40 PM	72	RR	96	12.0	800	801	40	TB		
P-756/P-758	W EOS / E EOS	08/03/15	2:03 PM	70	JR	92	12.0	800	798	24	AF		
P-755/P-758	W EOS / E EOS	08/03/15	2:07 PM	70	JR	92	12.0	800	801	151	AF		
P-757/P-758	W EOS / E EOS	08/03/15	2:21 PM	67	JR	92	12.0	800	800	43	AF		
P-758/P-759	W EOS / E EOS	08/03/15	2:43 PM	73	RR	96	12.0	800	800	110	TB	DF-259	
P-761/P-762	E EOS / W EOS	08/03/15	3:02 PM	62	RR	96	12.0	800	799	14	TB		
P-745/P-762	N EOS / S EOS	08/03/15	3:05 PM	65	JR	92	12.0	800	800	67	AF		
P-755/P-762	S EOS / N EOS	08/03/15	3:11 PM	62	RR	96	12.0	800	801	12	TB		
P-756/P-762	S EOS / N EOS	08/03/15	3:12 PM	62	RR	96	12.0	800	800	22	TB		
P-745/P-761	N EOS / S EOS	08/03/15	3:13 PM	62	JR	92	12.0	800	800	109	AF		
P-745/P-756	S EOS / N EOS	08/03/15	3:15 PM	62	RR	96	12.0	800	800	7	TB		
P-745/P-758	S EOS / N EOS	08/03/15	3:15 PM	62	RR	96	12.0	800	799	5	TB		
P-754/P-762	S EOS / N EOS	08/03/15	3:18 PM	62	RR	96	12.0	800	800	32	TB		
P-751/P-761	S EOS / N EOS	08/03/15	3:25 PM	61	RR	96	12.0	800	800	4	TB		
P-752/P-761	S EOS / N EOS	08/03/15	3:25 PM	61	RR	96	12.0	800	800	32	TB		
P-760/P-761	E EOS / W EOS	08/03/15	3:25 PM	62	JR	92	12.0	800	800	23	AF	DF-260	
P-745/P-760	N EOS / S EOS	08/03/15	3:32 PM	61	JR	92	12.0	800	801	64	AF		
P-750/P-761	S EOS / N EOS	08/03/15	3:33 PM	61	RR	96	12.0	800	800	35	TB		
P-749/P-761	S EOS / N EOS	08/03/15	3:42 PM	61	RR	96	12.0	800	799	31	TB		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-746/P-760	N EOS / S EOS	08/03/15	3:46 PM	60	JR	92	12.0	800	800	66	AF		
P-758/P-763	W EOS / E EOS	08/03/15	5:08 PM	63	RR	96	12.0	800	800	102	TB		
P-759/P-763	W EOS / E EOS	08/03/15	5:19 PM	64	RR	96	12.0	800	801	109	TB		
P-763/P-764	W EOS / E EOS	08/03/15	5:20 PM	67	JR	92	12.0	800	801	110	AF		
P-745/P-765	S EOS / N EOS	08/03/15	5:50 PM	63	RR	96	12.0	800	801	25	TB		
P-763/P-765	W EOS / E EOS	08/03/15	5:57 PM	63	RR	96	12.0	800	800	105	TB	DF-261	
P-764/P-765	W EOS / E EOS	08/03/15	6:06 PM	62	RR	96	12.0	800	802	106	TB		
P-745/P-766	N EOS / S EOS	08/03/15	6:21 PM	60	JR	92	12.0	800	801	23	AF		
P-765/P-766	W EOS / E EOS	08/03/15	6:24 PM	60	JR	92	12.0	800	800	222	AF		
P-767/P-768	E EOS / W EOS	08/04/15	2:20 PM	70	JR	92	12.0	835	834	18	AF	DF-262	
P-769/P-770	W EOS / E EOS	08/04/15	2:37 PM	66	RR	96	12.0	831	831	68	KS		
P-511/P-767	E EOS / W EOS	08/04/15	2:38 PM	69	JR	92	12.0	835	835	22	AF		
P-513/P-767	E EOS / W EOS	08/04/15	2:39 PM	69	JR	92	12.0	835	835	7	AF		
P-770/P-771	W EOS / E EOS	08/04/15	2:47 PM	66	RR	96	12.0	831	832	75	KS		
P-510/P-768	E EOS / W EOS	08/04/15	2:51 PM	69	JR	92	12.0	835	830	17	AF		
P-771/P-772	W EOS / E EOS	08/04/15	2:59 PM	69	JR	92	12.0	835	835	75	AF		
P-772/P-773	S EOS / N EOS	08/04/15	3:17 PM	66	RR	96	12.0	831	831	23	KS		
P-773/P-774	W EOS / E EOS	08/04/15	3:42 PM	66	RR	96	12.0	831	831	8	KS		
P-772/P-774	W EOS / E EOS	08/04/15	3:43 PM	66	RR	96	12.0	831	831	71	KS	DF-263	
P-774/P-775	W EOS / E EOS	08/04/15	4:03 PM	69	JR	92	12.0	835	835	81	AF		
P-775/P-776	W EOS / E EOS	08/04/15	4:06 PM	66	RR	96	12.0	831	830	35	KS		
P-775/P-777	W EOS / E EOS	08/04/15	4:24 PM	68	JR	92	12.0	835	834	43	AF		
P-776/P-777	W EOS / E EOS	08/04/15	4:28 PM	68	JR	92	12.0	835	835	37	AF		
P-771/P-773	E EOS / W EOS	08/04/15	4:33 PM	68	JR	92	12.0	835	835	4	AF		
P-777/P-778	W EOS / E EOS	08/04/15	6:00 PM	68	JR	92	12.0	835	835	82	AF	DF-264	
P-767/P-769	W EOS / E EOS	08/04/15	6:30 PM	67	RR	96	12.0	831	831	60	KS		
P-779/P-780	S EOS / N EOS	08/05/15	7:37 AM	57	JR	92	12.0	835	834	23	KS		
P-778/P-779	W EOS / E EOS	08/05/15	7:39 AM	52	RR	96	12.0	830	831	21	BM		
P-778/P-780	W EOS / E EOS	08/05/15	7:41 AM	52	RR	96	12.0	830	829	62	BM		
P-779/P-781	W EOS / E EOS	08/05/15	7:47 AM	57	JR	92	12.0	835	835	19	KS		
P-780/P-781	W EOS / E EOS	08/05/15	7:48 AM	57	JR	92	12.0	835	835	70	KS		
P-781/P-782	W EOS / E EOS	08/05/15	7:55 AM	52	RR	96	12.0	830	831	101	BM		
P-782/P-783	W EOS / E EOS	08/05/15	8:11 AM	62	JR	92	12.0	835	836	74	AF		
P-783/P-784	S EOS / N EOS	08/05/15	8:18 AM	62	RR	96	12.0	830	830	23	TB		
P-782/P-784	W EOS / E EOS	08/05/15	8:22 AM	62	JR	92	12.0	835	835	39	AF		
P-783/P-785	W EOS / E EOS	08/05/15	8:28 AM	62	RR	96	12.0	830	830	71	KS		
P-784/P-785	W EOS / E EOS	08/05/15	8:35 AM	62	RR	96	12.0	830	830	53	KS		
P-785/P-786	W EOS / E EOS	08/05/15	8:35 AM	63	JR	92	12.0	835	834	138	AF		
P-786/P-788	W EOS / E EOS	08/05/15	8:53 AM	63	RR	96	12.0	830	831	142	KS	DF-265	
P-787/P-788	S EOS / N EOS	08/05/15	9:00 AM	64	JR	92	12.0	835	836	23	AF		
P-786/P-787	W EOS / E EOS	08/05/15	9:07 AM	63	RR	96	12.0	830	829	12	KS		
P-788/P-789	W EOS / E EOS	08/05/15	9:11 AM	65	JR	92	12.0	835	835	141	AF	DF-266	
P-789/P-790	W EOS / E EOS	08/05/15	9:25 AM	64	RR	96	12.0	830	829	62	KS		
P-787/P-789	W EOS / E EOS	08/05/15	9:26 AM	65	JR	92	12.0	835	834	26	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-789/P-791	W EOS / E EOS	08/05/15	9:38 AM	66	RR	96	12.0	830	830	109	KS		
P-790/P-791	S EOS / N EOS	08/05/15	9:38 AM	66	JR	92	12.0	835	835	23	AF		
P-790/P-792	W EOS / E EOS	08/05/15	9:49 AM	66	JR	92	12.0	835	836	58	AF		
P-791/P-792	W EOS / E EOS	08/05/15	9:54 AM	67	JR	92	12.0	835	835	114	AF		
P-792/P-793	W EOS / E EOS	08/05/15	9:57 AM	67	RR	96	12.0	830	830	71	KS		
P-792/P-794	W EOS / E EOS	08/05/15	10:09 AM	68	RR	96	12.0	830	830	111	KS		
P-793/P-794	S EOS / N EOS	08/05/15	10:13 AM	68	JR	92	12.0	835	836	23	AF		
P-793/P-795	W EOS / E EOS	08/05/15	10:21 AM	69	JR	92	12.0	835	835	71	AF		
P-794/P-795	W EOS / E EOS	08/05/15	10:28 AM	70	JR	92	12.0	835	834	117	AF		
P-795/P-796	W EOS / E EOS	08/05/15	10:32 AM	68	RR	96	12.0	830	831	60	RR		
P-795/P-797	W EOS / E EOS	08/05/15	10:44 AM	68	RR	96	12.0	830	830	130	RR	DF-268	
P-796/P-797	S EOS / N EOS	08/05/15	10:45 AM	74	JR	92	12.0	835	835	23	AF	DF-267	
P-796/P-798	W EOS / E EOS	08/05/15	10:54 AM	73	JR	92	12.0	835	835	63	AF		
P-797/P-798	W EOS / E EOS	08/05/15	11:00 AM	73	JR	92	12.0	835	835	133	AF		
P-799/P-800	S EOS / N EOS	08/05/15	11:18 AM	74	RR	96	12.0	830	830	23	RR		
P-798/P-800	E EOS / W EOS	08/05/15	11:27 AM	72	JR	92	12.0	835	834	172	AF		
P-800/P-801	E EOS / W EOS	08/05/15	11:33 AM	74	RR	96	12.0	830	831	178	RR		
P-798/P-799	E EOS / W EOS	08/05/15	11:37 AM	71	JR	92	12.0	835	835	30	AF		
P-799/P-801	E EOS / W EOS	08/05/15	11:50 AM	74	RR	96	12.0	830	829	14	RR		
P-801/P-802	S EOS / N EOS	08/05/15	11:58 AM	74	RR	96	12.0	830	830	23	RR		
P-799/P-802	E EOS / W EOS	08/05/15	12:05 PM	72	RR	96	12.0	830	830	25	RR		
P-801/P-803	E EOS / W EOS	08/05/15	12:05 PM	70	JR	92	12.0	835	835	194	AF	DF-269	
P-802/P-803	E EOS / W EOS	08/05/15	12:28 PM	70	JR	92	12.0	835	835	33	AF		
P-803/P-804	E EOS / W EOS	08/05/15	1:21 PM	70	RR	96	12.0	800	801	111	RR		
P-805/P-806	S EOS / N EOS	08/05/15	1:53 PM	71	RR	96	12.0	800	800	23	RR	DF-270	
P-804/P-806	E EOS / W EOS	08/05/15	2:05 PM	70	RR	96	12.0	800	800	115	RR		
P-803/P-806	E EOS / W EOS	08/05/15	2:18 PM	70	RR	96	12.0	800	801	14	RR		
P-803/P-805	E EOS / W EOS	08/05/15	2:20 PM	70	RR	96	12.0	800	800	106	RR		
P-745/P-807	S EOS / N EOS	08/06/15	8:50 AM	61	RR	96	12.0	800	800	23	RB		
P-766/P-807	W EOS / E EOS	08/06/15	9:01 AM	61	RR	96	12.0	800	800	212	RB	DF-271	
P-745/P-808	W EOS / E EOS	08/06/15	9:16 AM	71	JR	92	12.0	835	834	13	AF		
P-807/P-808	W EOS / E EOS	08/06/15	9:17 AM	71	JR	92	12.0	835	835	245	AF		
P-809/P-810	W EOS / E EOS	08/06/15	10:05 AM	72	JR	92	12.0	835	835	158	SW	DF-272	
P-808/P-809	W EOS / E EOS	08/06/15	10:34 AM	72	RR	96	12.0	800	801	235	JR		
P-810/P-811	W EOS / E EOS	08/06/15	11:00 AM	72	RR	96	12.0	800	800	23	JR		
P-810/P-812	W EOS / E EOS	08/06/15	11:10 AM	73	RR	96	12.0	800	800	31	JR		
P-809/P-811	W EOS / E EOS	08/06/15	11:12 AM	72	JR	92	12.0	835	835	54	SW		
P-810/P-813	W EOS / E EOS	08/06/15	11:30 AM	73	RR	96	12.0	800	800	99	JR		
P-812/P-813	N EOS / S EOS	08/06/15	11:34 AM	77	JR	92	12.0	835	835	23	SW		
P-811/P-812	W EOS / E EOS	08/06/15	11:44 AM	73	RR	96	12.0	800	800	54	JR		
P-813/P-814	W EOS / E EOS	08/06/15	11:45 AM	77	JR	92	12.0	835	835	75	SW		
P-812/P-814	W EOS / E EOS	08/06/15	11:53 AM	78	JR	92	12.0	835	835	85	SW		
P-814/P-815	W EOS / E EOS	08/06/15	11:57 AM	73	RR	96	12.0	800	801	134	JR	DF-273	
P-815/P-816	W EOS / E EOS	08/06/15	1:22 PM	78	RR	96	12.0	800	800	110	JR		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-816/P-817	W EOS / E EOS	08/06/15	1:33 PM	78	JR	92	12.0	835	835	85	SW		
P-817/P-819	W EOS / E EOS	08/06/15	1:50 PM	78	RR	96	12.0	800	800	34	JR		
P-818/P-819	N EOS / S EOS	08/06/15	1:53 PM	78	JR	92	12.0	835	835	23	SW		
P-817/P-818	W EOS / E EOS	08/06/15	1:54 PM	82	RR	96	12.0	800	800	24	JR		
P-819/P-820	W EOS / E EOS	08/06/15	1:56 PM	80	JR	92	12.0	835	835	10	SW		
P-818/P-820	W EOS / E EOS	08/06/15	1:58 PM	80	JR	92	12.0	835	835	9	SW		
P-743/P-821	W EOS / E EOS	08/06/15	3:14 PM	80	JR	92	12.0	835	835	25	SW		
P-808/P-821	N EOS / S EOS	08/06/15	3:26 PM	80	JR	92	12.0	835	835	32	SW	DF-274	
P-745/P-821	N EOS / S EOS	08/06/15	3:27 PM	80	JR	92	12.0	835	835	10	SW		
P-744/P-821	W EOS / E EOS	08/06/15	3:28 PM	80	JR	92	12.0	835	835	26	SW		
P-809/P-821	S EOS / N EOS	08/06/15	3:33 PM	80	JR	92	12.0	835	835	32	SW		
P-810/P-821	S EOS / N EOS	08/06/15	3:37 PM	80	JR	92	12.0	835	835	34	SW		
P-821/P-822	S EOS / N EOS	08/06/15	3:37 PM	82	RR	96	12.0	800	801	339	JR	DF-275	
P-813/P-821	S EOS / N EOS	08/06/15	3:41 PM	80	JR	92	12.0	835	835	35	SW		
P-814/P-821	S EOS / N EOS	08/06/15	3:44 PM	80	JR	92	12.0	835	835	35	SW		
P-815/P-821	S EOS / N EOS	08/06/15	3:48 PM	80	JR	92	12.0	835	835	35	SW		
P-816/P-821	S EOS / N EOS	08/06/15	3:50 PM	80	JR	92	12.0	835	835	34	SW		
P-817/P-821	S EOS / N EOS	08/06/15	3:55 PM	80	JR	92	12.0	835	835	34	SW		
P-819/P-821	S EOS / N EOS	08/06/15	3:58 PM	80	JR	92	12.0	835	835	35	SW		
P-823/P-824	S EOS / N EOS	08/06/15	4:48 PM	76	RR	96	12.0	800	800	317	JR		
P-820/P-821	S EOS / N EOS	08/06/15	4:02 PM	78	JR	92	12.0	835	835	12	SW		
P-743/P-822	W EOS / E EOS	08/06/15	4:28 PM	76	JR	92	12.0	835	835	25	SW		
P-822/P-823	S EOS / N EOS	08/06/15	4:31 PM	76	JR	92	12.0	835	834	335	SW	DF-276	
P-805/P-825	W EOS / E EOS	8/7/15	7:56 AM	64	JR	92	12.0	835	835	114	JR		
P-806/P-825	W EOS / E EOS	8/7/15	8:09 AM	64	JR	92	12.0	835	835	136	JR		
P-828/P-829	S EOS / N EOS	8/7/15	8:30 AM	64	JR	92	12.0	835	835	23	JR	DF-278	
P-827/P-828	E EOS / W EOS	8/7/15	8:36 AM	65	JR	92	12.0	835	835	61	JR		
P-827/P-829	E EOS / W EOS	8/7/15	8:46 AM	65	JR	92	12.0	835	835	98	JR		
P-826/P-829	E EOS / W EOS	8/7/15	8:54 AM	66	JR	92	12.0	835	835	118	JR		
P-831/P-832	S EOS / N EOS	8/7/15	9:10 AM	66	JR	92	12.0	835	835	23	JR		
P-830/P-831	W EOS / E EOS	8/7/15	9:20 AM	66	JR	92	12.0	835	835	82	JR		
P-830/P-832	W EOS / E EOS	8/7/15	9:25 AM	68	JR	92	12.0	835	835	216	JR	DF-280	
P-834/P-835	S EOS / N EOS	8/7/15	10:03 AM	68	JR	92	12.0	835	835	23	JR		
P-835/P-836	S EOS / N EOS	8/7/15	10:12 AM	69	JR	92	12.0	835	835	23	JR		
P-836/P-837	E EOS / W EOS	8/7/15	10:30 AM	69	JR	92	12.0	835	835	85	JR		
P-835/P-837	E EOS / W EOS	8/7/15	10:39 AM	69	JR	92	12.0	835	836	174	JR		
P-834/P-837	E EOS / W EOS	8/7/15	10:50 AM	69	JR	92	12.0	835	835	71	JR	DF-282	
P-840/P-841	E EOS / W EOS	8/7/15	11:38 AM	75	JR	92	12.0	835	835	241	JR		
P-839/P-841	E EOS / W EOS	8/7/15	12:05 PM	75	JR	92	12.0	835	835	70	JR		
P-838/P-841	E EOS / W EOS	8/7/15	12:14 PM	75	JR	92	12.0	835	835	41	JR		
P-844/P-845	E EOS / W EOS	8/7/15	2:16 PM	74	JR	92	12.0	835	836	13	JR		
P-843/P-845	E EOS / W EOS	8/7/15	2:24 PM	74	JR	92	12.0	835	836	354	JR	DF-285	
P-845/P-847	E EOS / W EOS	8/7/15	3:32 PM	75	JR	92	12.0	835	835	198	JR		
P-846/P-847	E EOS / W EOS	8/7/15	3:52 PM	74	JR	92	12.0	835	834	172	JR	DF-287	

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-846/P-848	E EOS / W EOS	8/7/15	4:08 PM	74	JR	92	12.0	835	836	34	JR		
P-846/P-849	E EOS / W EOS	8/7/15	4:20 PM	74	JR	92	12.0	835	835	33	JR		
P-826/P-827	S EOS / N EOS	8/7/15	8:09 AM	58	RR	96	12.0	800	801	22	BM	DF-277	
P-825/P-826	W EOS / E EOS	8/7/15	8:20 AM	58	RR	96	12.0	800	799	111	BM		
P-825/P-827	W EOS / E EOS	8/7/15	8:32 AM	58	RR	96	12.0	800	801	150	BM		
P-828/P-830	E EOS / W EOS	8/7/15	8:48 AM	65	RR	96	12.0	800	800	69	BM		
P-829/P-830	E EOS / W EOS	8/7/15	8:55 AM	65	RR	96	12.0	800	801	220	BM	DF-279	
P-831/P-833	W EOS / E EOS	8/7/15	9:33 AM	68	RR	96	12.0	800	800	86	BM		
P-832/P-833	W EOS / E EOS	8/7/15	9:41 AM	68	RR	96	12.0	800	799	225	BM		
P-833/P-836	E EOS / W EOS	8/7/15	10:06 AM	69	RR	96	12.0	800	800	77	BM		
P-833/P-835	E EOS / W EOS	8/7/15	10:16 AM	70	RR	96	12.0	800	800	174	BM	DF-281	
P-833/P-834	E EOS / W EOS	8/7/15	10:30 AM	73	RR	96	12.0	800	800	61	BM		
P-838/P-839	S EOS / N EOS	8/7/15	10:53 AM	73	RR	96	12.0	800	800	23	BM		
P-839/P-840	S EOS / N EOS	8/7/15	11:06 AM	73	RR	96	12.0	800	800	23	BM		
P-837/P-840	E EOS / W EOS	8/7/15	11:14 AM	75	RR	96	12.0	800	800	232	BM	DF-283	
P-837/P-839	E EOS / W EOS	8/7/15	11:35 AM	75	RR	96	12.0	800	800	69	SW		
P-837/P-838	E EOS / W EOS	8/7/15	11:41 AM	75	RR	96	12.0	800	800	39	SW		
P-841/P-842	E EOS / W EOS	8/7/15	12:14 PM	73	RR	96	12.0	800	800	365	SW		
P-843/P-844	S EOS / N EOS	8/7/15	1:49 PM	75	RR	96	12.0	800	800	17	SW	DF-284	
P-842/P-843	E EOS / W EOS	8/7/15	1:53 PM	74	RR	96	12.0	800	801	382	SW		
P-845/P-846	W EOS / E EOS	8/7/15	2:55 PM	76	RR	96	12.0	800	800	181	SW	DF-286	
P-845/P-849	S EOS / N EOS	8/7/15	4:10 PM	75	RR	96	12.0	800	801	23	SW		
P-843/P-849	E EOS / W EOS	8/7/15	4:15 PM	74	RR	96	12.0	800	800	34	SW		
P-847/P-848	S EOS / N EOS	8/7/15	3:50 PM	75	RR	96	12.0	800	800	23	SW		
P-824/P-850	S EOS / N EOS	8/8/15	8:57 AM	63	JR	92	12.0	835	834	312	JR		
P-850/P-853	S EOS / N EOS	8/8/15	9:35 AM	63	JR	92	12.0	835	835	104	JR	DF-288	
P-850/P-852	S EOS / N EOS	8/8/15	9:48 AM	63	JR	92	12.0	835	834	133	JR		
P-850/P-851	S EOS / N EOS	8/8/15	9:59 AM	63	JR	92	12.0	835	836	71	JR		
P-854/P-855	W EOS / E EOS	8/8/15	10:14 AM	64	JR	92	12.0	835	835	23	JR		
P-854/P-856	S EOS / N EOS	8/8/15	10:22 AM	64	JR	92	12.0	835	836	271	JR	DF-290	
P-855/P-856	S EOS / N EOS	8/8/15	10:50 AM	66	JR	92	12.0	835	835	33	JR		
P-857/P-860	W EOS / E EOS	8/8/15	11:19 AM	66	JR	92	12.0	835	835	23	JR		
P-859/P-861	S EOS / N EOS	8/8/15	11:30 AM	68	JR	92	12.0	835	836	182	JR		
P-858/P-861	S EOS / N EOS	8/8/15	11:49 AM	68	JR	92	12.0	835	834	62	JR		
P-857/P-861	S EOS / N EOS	8/8/15	11:55 AM	68	JR	92	12.0	835	836	38	JR		
P-860/P-861	S EOS / N EOS	8/8/15	11:58 AM	68	JR	92	12.0	835	835	22	JR		
P-861/P-866	S EOS / N EOS	8/8/15	12:34 PM	68	JR	92	12.0	835	836	46	JR	DF-292	
P-861/P-865	S EOS / N EOS	8/8/15	12:40 PM	68	JR	92	12.0	835	835	45	JR		
P-861/P-864	S EOS / N EOS	8/8/15	12:44 PM	68	JR	92	12.0	835	836	56	JR		
P-861/P-863	S EOS / N EOS	8/8/15	12:49 PM	68	JR	92	12.0	835	834	43	JR		
P-861/P-862	S EOS / N EOS	8/8/15	12:53 PM	68	JR	92	12.0	835	835	54	JR		
P-851/P-852	W EOS / E EOS	8/8/15	9:22 AM	63	RR	96	12.0	800	800	23	SW		
P-852/P-853	W EOS / E EOS	8/8/15	9:31 AM	63	RR	96	12.0	800	800	23	SW		
P-853/P-854	S EOS / N EOS	8/8/15	9:44 AM	64	RR	96	12.0	800	801	104	SW		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-852/P-854	S EOS / N EOS	8/8/15	9:57 AM	65	RR	96	12.0	800	800	138	SW	DF-289	
P-851/P-854	S EOS / N EOS	8/8/15	10:09 AM	66	RR	96	12.0	800	801	34	SW		
P-851/P-855	S EOS / N EOS	8/8/15	10:12 AM	66	RR	96	12.0	800	800	32	SW		
P-857/P-858	W EOS / E EOS	8/8/15	10:40 AM	66	RR	96	12.0	800	800	23	SW		
P-858/P-859	W EOS / E EOS	8/8/15	10:50 AM	66	RR	96	12.0	800	801	23	SW		
P-856/P-859	S EOS / N EOS	8/8/15	10:56 AM	66	RR	96	12.0	800	800	182	SW		
P-856/P-858	S EOS / N EOS	8/8/15	11:13 AM	66	RR	96	12.0	800	801	61	SW		
P-856/P-857	S EOS / N EOS	8/8/15	11:18 AM	67	RR	96	12.0	800	800	37	SW		
P-856/P-860	S EOS / N EOS	8/8/15	11:23 AM	68	RR	96	12.0	800	801	22	SW	DF-291	
P-862/P-863	W EOS / E EOS	8/8/15	12:05 PM	68	RR	96	12.0	800	800	23	SW		
P-863/P-864	W EOS / E EOS	8/8/15	12:11 PM	68	RR	96	12.0	800	800	23	SW		
P-864/P-865	W EOS / E EOS	8/8/15	12:24 PM	68	RR	96	12.0	800	800	23	SW		
P-865/P-866	W EOS / E EOS	8/8/15	12:30 PM	68	RR	96	12.0	800	800	23	SW		
P-866/P-867	W EOS / E EOS	8/8/15	12:39 PM	68	RR	96	12.0	800	801	23	SW		
P-861/P-867	S EOS / N EOS	8/8/15	12:43 PM	68	RR	96	12.0	800	800	60	SW		
P-867/P-868	S EOS / N EOS	8/11/15	2:30 PM	63	JR	92	12.0	835	834	64	JB		
P-866/P-868	S EOS / N EOS	8/11/15	2:39 PM	63	JR	92	12.0	835	834	46	JB		
P-865/P-868	S EOS / N EOS	8/11/15	2:43 PM	63	JR	92	12.0	835	835	45	JB		
P-864/P-868	S EOS / N EOS	8/11/15	2:47 PM	63	JR	92	12.0	835	834	56	JB		
P-863/P-868	S EOS / N EOS	8/11/15	2:52 PM	63	JR	92	12.0	835	835	44	JB		
P-862/P-868	S EOS / N EOS	8/11/15	2:56 PM	61	JR	92	12.0	835	835	52	JB	DF-293	
P-868/P-869	S EOS / N EOS	8/11/15	3:06 PM	60	JR	92	12.0	835	834	304	JB		
P-869/P-870	S EOS / N EOS	8/11/15	3:30 PM	64	JC	96	12.0	830	831	312	TB	DF-294	
P-870/P-871	S EOS / N EOS	8/12/15	8:28 AM	63	JR	92	12.0	835	835	301	JB	DF-295	
P-871/P-872	S EOS / N EOS	8/12/15	8:46 AM	63	RR	96	12.0	800	801	150	TB		
P-871/P-873	S EOS / N EOS	8/12/15	9:06 AM	63	RR	96	12.0	800	800	150	TB		
P-872/P-873	S EOS / N EOS	8/12/15	9:23 AM	63	RR	96	12.0	800	799	149	TB		
P-873/P-874	S EOS / N EOS	8/12/15	9:33 AM	63	JR	92	12.0	835	833	298	JB		
P-875/P-876	W EOS / E EOS	8/12/15	10:13 AM	66	RR	96	12.0	800	800	23	TB		
P-876/P-877	W EOS / E EOS	8/12/15	10:21 AM	66	RR	96	12.0	800	800	23	TB	DF-296	
P-874/P-877	S EOS / N EOS	8/12/15	10:25 AM	66	JR	92	12.0	835	833	25	JB		
P-874/P-876	S EOS / N EOS	8/12/15	10:29 AM	66	JR	92	12.0	835	835	78	JB	DF-297	
P-874/P-875	S EOS / N EOS	8/12/15	10:37 AM	66	JR	92	12.0	835	834	197	JB		
P-877/P-878	S EOS / N EOS	8/12/15	10:47 AM	66	RR	96	12.0	800	801	29	TB		
P-876/P-878	S EOS / N EOS	8/12/15	10:59 AM	66	RR	96	12.0	800	800	78	TB		
P-875/P-878	S EOS / N EOS	8/12/15	11:01 AM	66	RR	96	12.0	800	800	196	TB		
P-879/P-880	W EOS / E EOS	8/12/15	11:32 AM	68	JR	92	12.0	835	834	23	JB		
P-878/P-881	S EOS / N EOS	8/12/15	11:38 AM	68	RR	96	12.0	800	801	80	TB		
P-880/P-881	W EOS / E EOS	8/12/15	11:41 AM	68	JR	92	12.0	835	834	23	JB		
P-878/P-880	S EOS / N EOS	8/12/15	11:45 AM	68	RR	96	12.0	800	800	164	TB		
P-878/P-879	S EOS / N EOS	8/12/15	12:00 PM	68	RR	96	12.0	800	801	67	TB	DF-298	
P-881/P-882	S EOS / N EOS	8/12/15	12:02 PM	69	JR	92	12.0	835	834	84	JB		
P-880/P-882	S EOS / N EOS	8/12/15	12:15 PM	69	JR	92	12.0	835	835	164	JB	DF-299	
P-879/P-882	S EOS / N EOS	8/12/15	12:30 PM	69	JR	92	12.0	835	834	64	JB		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-882/P-883	S EOS / N EOS	8/12/15	1:16 PM	68	RR	96	12.0	800	800	154	TB		
P-882/P-884	S EOS / N EOS	8/12/15	1:40 PM	72	RR	96	12.0	800	800	157	TB		
P-883/P-884	S EOS / N EOS	8/12/15	1:59 PM	72	RR	96	12.0	800	801	149	TB		
P-884/P-885	S EOS / N EOS	8/12/15	2:00 PM	71	JR	92	12.0	835	835	308	JB		
P-885/P-886	S EOS / N EOS	8/12/15	2:18 PM	70	RR	96	12.0	800	800	156	TB	DF-300	
P-885/P-887	S EOS / N EOS	8/12/15	2:49 PM	70	RR	96	12.0	800	801	150	TB		
P-888/P-889	W EOS / E EOS	8/12/15	3:01 PM	70	JR	92	12.0	835	835	23	JB		
P-886/P-887	S EOS / N EOS	8/12/15	3:03 PM	70	RR	96	12.0	800	800	151	TB		
P-889/P-890	W EOS / E EOS	8/12/15	3:48 PM	70	JR	92	12.0	835	834	23	JB		
P-887/P-890	S EOS / N EOS	8/12/15	3:48 PM	70	RR	96	12.0	800	800	74	TB	DF-301	
P-887/P-889	S EOS / N EOS	8/12/15	3:54 PM	70	RR	96	12.0	800	801	147	TB		
P-890/P-891	W EOS / E EOS	8/12/15	4:05 PM	70	JR	92	12.0	835	835	23	JB	DF-302	
P-887/P-891	N EOS / S EOS	8/12/15	4:09 PM	70	JR	92	12.0	835	835	25	JB		
P-887/P-888	S EOS / N EOS	8/12/15	4:11 PM	70	RR	96	12.0	800	800	71	TB		
P-891/P-892	S EOS / N EOS	8/12/15	4:22 PM	70	JR	92	12.0	835	834	27	JB		
P-890/P-892	S EOS / N EOS	8/12/15	4:29 PM	69	JR	92	12.0	835	835	72	JB		
P-889/P-892	S EOS / N EOS	8/12/15	4:35 PM	69	JR	92	12.0	835	834	146	JB		
P-888/P-892	S EOS / N EOS	8/12/15	4:49 PM	69	JR	92	12.0	835	834	70	JB		
P-847/P-893	E EOS / W EOS	8/13/15	3:58 PM	78	RR	96	12.0	800	801	371	TB	DF-303	
P-894/P-895	W EOS / E EOS	8/13/15	4:45 PM	78	RR	96	12.0	800	800	371	TB	DF-305	
P-893/P-897	S EOS / N EOS	8/13/15	5:30 PM	69	RR	96	12.0	800	800	23	TB		
P-847/P-897	E EOS / W EOS	8/13/15	5:35 PM	69	RR	96	12.0	800	801	10	TB		
P-848/P-897	E EOS / W EOS	8/13/15	5:36 PM	69	RR	96	12.0	800	800	36	TB		
P-895/P-899	S EOS / N EOS	8/13/15	6:57 PM	65	RR	96	12.0	800	800	23	TB		
P-894/P-899	E EOS / W EOS	8/13/15	7:06 PM	65	RR	96	12.0	800	801	13	TB		
P-898/P-899	E EOS / W EOS	8/13/15	7:07 PM	65	RR	96	12.0	800	800	60	TB		
P-893/P-894	E EOS / W EOS	8/13/15	4:20 PM	78	JR	92	12.0	835	835	370	AF	DF-304	
P-895/P-896	W EOS / E EOS	8/13/15	5:30 PM	76	JR	92	12.0	835	834	365	AF	DF-306	
P-893/P-898	E EOS / W EOS	8/13/15	7:04 PM	65	JR	92	12.0	835	835	11	TB		
P-897/P-898	E EOS / W EOS	8/13/15	7:05 PM	65	JR	92	12.0	835	835	50	TB		
P-894/P-898	S EOS / N EOS	8/13/15			Failed Seam (Capped)					23	TB		Repair D2398
P-896/P-900	W EOS / E EOS	8/14/15	12:15 PM	70	RR	96	12.0	800	800	379	TB	DF-307	
P-895/P-901	E EOS / W EOS	8/14/15	1:16 PM	68	RR	96	12.0	800	801	14	TB		
P-899/P-901	E EOS / W EOS	8/14/15	1:19 PM	68	RR	96	12.0	800	800	71	TB		
P-896/P-902	E EOS / W EOS	8/14/15	1:30 PM	68	RR	96	12.0	800	801	10	TB		
P-901/P-902	E EOS / W EOS	8/14/15	1:31 PM	68	RR	96	12.0	800	800	83	TB		
P-896/P-901	S EOS / N EOS	8/14/15	1:06 PM	70	RR	96	12.0	800	799	23	TB		
P-900/P-902	S EOS / N EOS	8/14/15	1:13 PM	70	RR	96	12.0	800	800	23	TB		
P-697/P-903	N EOS / S EOS	8/21/15	8:50 AM	62	RR	96	12.0	800	800	147	JR		
P-903/P-904	N EOS / S EOS	8/21/15	8:51 AM	62	JR	92	12.0	835	834	73	AF		
P-903/P-905	N EOS / S EOS	8/21/15	9:04 AM	62	JR	92	12.0	835	835	87	AF		
P-698/P-903	N EOS / S EOS	8/21/15	9:06 AM	62	RR	96	12.0	800	801	15	JR		
P-904/P-905	N EOS / S EOS	8/21/15	9:18 AM	62	JR	92	12.0	835	836	72	AF		
P-905/P-906	N EOS / S EOS	8/21/15	9:22 AM	62	RR	96	12.0	800	800	153	JR	DF-308	

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-906/P-907	N EOS / S EOS	8/21/15	9:33 AM	63	JR	92	12.0	835	835	151	AF	DF-309	
P-907/P-908	N EOS / S EOS	8/21/15	10:04 AM	65	RR	96	12.0	800	801	148	JR		
P-908/P-909	N EOS / S EOS	8/21/15	10:16 AM	65	JR	92	12.0	835	835	144	AF		
P-909/P-910	N EOS / S EOS	8/21/15	11:11 AM	67	RR	96	12.0	800	799	143	JR		
P-910/P-911	N EOS / S EOS	8/21/15	11:23 AM	67	JR	92	12.0	835	835	142	SW		
P-911/P-912	N EOS / S EOS	8/21/15	11:37 AM	69	RR	96	12.0	800	801	129	JR	DF-310	
P-912/P-913	N EOS / S EOS	8/21/15	11:48 AM	72	JR	92	12.0	835	835	122	SW		
P-913/P-914	N EOS / S EOS	8/21/15	12:48 PM	72	RR	96	12.0	800	800	116	JR		
P-914/P-915	N EOS / S EOS	8/21/15	1:00 PM	72	JR	92	12.0	835	835	109	SW	DF-311	
P-915/P-916	N EOS / S EOS	8/21/15	1:14 PM	73	RR	96	12.0	800	801	105	JR		
P-916/P-917	N EOS / S EOS	8/21/15	1:37 PM	72	JR	92	12.0	835	835	99	SW		
P-917/P-918	N EOS / S EOS	8/21/15	1:45 PM	73	RR	96	12.0	800	800	94	JR		
P-918/P-919	N EOS / S EOS	8/21/15	2:09 PM	74	JR	92	12.0	835	835	89	AF		
P-919/P-920	N EOS / S EOS	8/21/15	2:16 PM	74	RR	96	12.0	800	799	83	JR		
P-920/P-921	N EOS / S EOS	8/21/15	2:33 PM	74	JR	92	12.0	835	835	79	SW		
P-921/P-922	N EOS / S EOS	8/21/15	3:09 PM	73	RR	96	12.0	800	800	74	JR	DF-312	
P-922/P-923	N EOS / S EOS	8/21/15	3:27 PM	73	JR	92	12.0	835	835	71	SW		
P-923/P-924	N EOS / S EOS	8/21/15	3:36 PM	73	RR	96	12.0	800	801	65	JR		
P-924/P-925	N EOS / S EOS	8/21/15	3:48 PM	73	RR	96	12.0	800	800	61	JR		
P-925/P-926	N EOS / S EOS	8/21/15	4:04 PM	73	JR	92	12.0	835	835	58	SW	DF-313	
P-929/P-930	N EOS / S EOS	8/21/15	4:46 PM	73	JR	92	12.0	835	836	36	SW		
P-930/P-931	N EOS / S EOS	8/21/15	5:08 PM	75	JR	92	12.0	835	835	31	SW		
P-926/P-927	N EOS / S EOS	8/21/15	4:04 PM	73	RR	96	12.0	800	801	53	JR		
P-927/P-928	N EOS / S EOS	8/21/15	4:24 PM	72	RR	96	12.0	800	800	47	JR		
P-928/P-929	N EOS / S EOS	8/21/15	4:39 PM	72	RR	96	12.0	800	801	42	JR		
P-635/P-932	E EOS / W EOS	8/22/15	9:18 AM	57	RR	96	12.0	800	800	307	SW	DF-314, DF-314A, DF-314B	
P-634/P-932	E EOS / W EOS	8/22/15	9:46 AM	59	RR	96	12.0	800	801	31	SW		
P-932/P-933	E EOS / W EOS	8/22/15	9:57 AM	60	JR	92	12.0	835	835	329	JR		
P-933/P-934	W EOS / E EOS	8/22/15	10:17 AM	62	RR	96	12.0	800	800	316	SW	DF-315	
P-934/P-935	E EOS / D2454	8/22/15	10:45 AM	61	JR	92	12.0	835	834	16	JR		
P-934/P-935	D2454 / W EOS	8/22/15	10:49 AM	63	RR	96	12.0	800	801	294	SW		
P-935/P-936	W EOS / E EOS	8/22/15	11:14 AM	64	JR	92	12.0	835	836	301	JR	DF-316	
P-936/P-937	W EOS / E EOS	8/22/15	11:46 AM	63	RR	96	12.0	800	800	291	SW	DF-317	
P-937/P-938	E EOS / W EOS	8/22/15	12:20 PM	66	JR	92	12.0	835	834	285	JR	DF-318	
P-938/P-939	E EOS / W EOS	8/22/15	1:19 PM	69	RR	96	12.0	800	800	274	SW	DF-319	
P-939/P-940	W EOS / E EOS	8/23/15	11:27 AM	64	JR	92	12.0	835	835	264	SW		
P-940/P-941	W EOS / E EOS	8/23/15	11:45 AM	54	RR	96	12.0	820	820	255	JR		
P-942/P-943	S EOS / N EOS	8/23/15	12:02 PM	64	JR	92	12.0	835	835	23	SW		
P-941/P-943	E EOS / W EOS	8/23/15	12:15 PM	64	JR	92	12.0	835	835	124	SW		
P-941/P-942	E EOS / W EOS	8/23/15	12:26 PM	64	JR	92	12.0	835	835	130	SW	DF-320	
P-943/P-944	E EOS / W EOS	8/23/15	12:31 PM	56	RR	96	12.0	820	821	122	JR		
P-942/P-944	E EOS / W EOS	8/23/15	12:45 PM	56	RR	96	12.0	820	820	124	JR	DF-321	
P-944/P-945	W EOS / E EOS	8/23/15	12:54 PM	66	JR	92	12.0	835	835	243	SW		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-946/P-947	S EOS / N EOS	8/23/15	2:15 PM	70	JR	92	12.0	835	835	23	SW		
P-945/P-946	W EOS / E EOS	8/23/15	2:25 PM	70	RR	96	12.0	820	819	133	JR		
P-947/P-948	E EOS / W EOS	8/23/15	2:30 PM	70	JR	92	12.0	835	835	108	SW	DF-322	
P-946/P-948	E EOS / W EOS	8/23/15	2:40 PM	70	JR	92	12.0	835	835	136	SW		
P-945/P-947	W EOS / E EOS	8/23/15	2:40 PM	70	RR	96	12.0	820	821	110	JR		
P-948/P-949	E EOS / W EOS	8/23/15	2:54 PM	70	RR	96	12.0	820	820	242	JR	DF-323	
P-950/P-951	S EOS / N EOS	8/24/15	8:35 AM	55	RR	96	12.0	820	820	23	JR		
P-949/P-951	E EOS / W EOS	8/24/15	8:43 AM	55	RR	96	12.0	820	820	109	JR		
P-949/P-950	E EOS / W EOS	8/24/15	8:52 AM	55	RR	96	12.0	820	821	133	JR		
P-950/P-952	W EOS / E EOS	8/24/15	8:58 AM	58	JR	92	12.0	835	834	136	AF		
P-951/P-952	W EOS / E EOS	8/24/15	9:15 AM	60	JR	92	12.0	835	835	111	AF		
P-952/P-953	W EOS / E EOS	8/24/15	9:19 AM	60	RR	96	12.0	820	820	245	JR	DF-324	
P-954/P-955	S EOS / N EOS	8/24/15	9:40 AM	60	JR	92	12.0	835	836	23	AF		
P-953/P-955	E EOS / W EOS	8/24/15	9:53 AM	61	JR	92	12.0	835	835	107	AF	DF-325	
P-955/P-956	E EOS / W EOS	8/24/15	10:02 AM	60	RR	96	12.0	820	821	108	JR		
P-953/P-954	E EOS / W EOS	8/24/15	10:03 AM	62	JR	92	12.0	835	835	134	AF		
P-954/P-956	E EOS / W EOS	8/24/15	10:15 AM	60	RR	96	12.0	820	820	134	JR		
P-956/P-957	E EOS / W EOS	8/24/15	10:30 AM	64	JR	92	12.0	835	836	241	AF		
P-959/P-960	E EOS / W EOS	8/24/15	11:25 AM	65	JR	92	12.0	835	835	110	AF	DF-327	
P-958/P-960	E EOS / W EOS	8/24/15	11:40 AM	67	JR	92	12.0	835	834	133	AF		
P-958/P-959	E EOS / W EOS	8/24/15	10:55 AM	62	RR	96	12.0	820	820	22	JR		
P-957/P-959	E EOS / W EOS	8/24/15	11:03 AM	62	RR	96	12.0	820	820	109	JR	DF-326	
P-957/P-958	E EOS / W EOS	8/24/15	11:13 AM	62	RR	96	12.0	820	821	133	JR		
P-960/P-961	W EOS / E EOS	8/24/15	11:44 AM	64	RR	96	12.0	820	820	122	JR		
P-960/P-962	E EOS / W EOS	8/24/15	12:09 PM	66	RR	96	12.0	820	821	126	JR		
P-961/P-962	E EOS / W EOS	8/24/15	12:21 PM	66	RR	96	12.0	820	821	123	JR	DF-328	
P-962/P-963	E EOS / W EOS	8/25/15	8:44 AM	60	RR	96	12.0	830	830	244	JR		
P-964/P-965	S EOS / N EOS	8/25/15	9:06 AM	61	JR	92	12.0	835	834	23	AF		
P-963/P-965	E EOS / W EOS	8/25/15	9:15 AM	62	JR	92	12.0	835	835	117	AF		
P-963/P-964	E EOS / W EOS	8/25/15	9:29 AM	63	JR	92	12.0	835	836	127	AF		
P-965/P-966	E EOS / W EOS	8/25/15	9:31 AM	60	RR	96	12.0	830	830	114	JR		
P-964/P-966	E EOS / W EOS	8/25/15	9:42 AM	60	RR	96	12.0	830	830	129	JR	DF-329	
P-967/P-968	S EOS / N EOS	8/25/15	10:01 AM	64	JR	92	12.0	835	834	23	AF		
P-966/P-968	E EOS / W EOS	8/25/15	10:08 AM	64	JR	92	12.0	835	835	116	AF	DF-330	
P-966/P-967	E EOS / W EOS	8/25/15	10:21 AM	65	JR	92	12.0	835	835	128	AF		
P-968/P-969	E EOS / W EOS	8/25/15	10:23 AM	64	RR	96	12.0	830	831	114	JR		
P-967/P-969	E EOS / W EOS	8/25/15	10:32 AM	64	RR	96	12.0	830	830	133	JR		
P-969/P-970	E EOS / W EOS	8/25/15	10:47 AM	67	JR	92	12.0	835	835	256	AF		
P-972/P-973	S EOS / N EOS	8/25/15	11:14 AM	66	RR	96	12.0	830	831	23	JR		
P-970/P-973	E EOS / W EOS	8/25/15	11:24 AM	66	RR	96	12.0	830	831	160	JR		
P-970/P-972	E EOS / W EOS	8/25/15	11:34 AM	66	RR	96	12.0	830	831	102	JR	DF-332	
P-971/P-972	S EOS / N EOS	8/25/15	11:35 AM	68	JR	92	12.0	835	835	20	AF	DF-331	
P-973/P-974	E EOS / W EOS	8/25/15	11:51 AM	70	JR	92	12.0	835	834	163	AF		
P-970/P-971	E EOS / W EOS	8/25/15	11:53 AM	68	RR	96	12.0	830	831	14	JR		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-972/P-974	E EOS / W EOS	8/25/15	12:00 PM	71	JR	92	12.0	835	835	44	AF		
P-974/P-975	S EOS / N EOS	8/25/15	1:22 PM	71	JR	92	12.0	835	835	23	AF		
P-974/P-976	E EOS / W EOS	8/25/15	1:24 PM	70	RR	96	12.0	830	830	209	JR		
P-972/P-975	E EOS / W EOS	8/25/15	1:29 PM	70	JR	92	12.0	835	834	48	AF		
P-975/P-976	E EOS / W EOS	8/25/15	1:42 PM	70	RR	96	12.0	830	830	35	JR		
P-977/P-978	S EOS / N EOS	8/25/15	1:57 PM	70	RR	96	12.0	830	830	23	JR		
P-976/P-978	E EOS / W EOS	8/25/15	2:00 PM	70	JR	92	12.0	835	835	136	AF		
P-976/P-977	E EOS / W EOS	8/25/15	2:16 PM	70	JR	92	12.0	835	836	96	AF	DF-333	
P-978/P-980	E EOS / W EOS	8/25/15	2:28 PM	70	RR	96	12.0	830	831	139	JR		
P-979/P-980	S EOS / N EOS	8/25/15	2:34 PM	70	JR	92	12.0	835	835	23	AF		
P-977/P-980	E EOS / W EOS	8/25/15	2:44 PM	70	RR	96	12.0	830	831	69	JR	DF-334	
P-977/P-979	E EOS / W EOS	8/25/15	2:49 PM	70	RR	96	12.0	830	830	12	JR		
P-980/P-981	E EOS / W EOS	8/25/15	2:54 PM	69	JR	92	12.0	835	834	209	AF		
P-981/P-982	E EOS / W EOS	8/25/15	3:28 PM	68	RR	96	12.0	830	830	162	JR		
P-982/P-983	S EOS / N EOS	8/25/15	3:56 PM	68	JR	92	12.0	835	835	23	AF		
P-981/P-983	E EOS / W EOS	8/25/15	4:04 PM	68	RR	96	12.0	830	830	36	JR		
P-985/P-986	N EOS / S EOS	8/26/15	11:00 AM	62	RR	96	12.0	830	830	23	JR		
P-984/P-986	W EOS / E EOS	8/26/15	11:09 AM	63	RR	96	12.0	830	830	114	JR		
P-984/P-985	W EOS / E EOS	8/26/15	11:14 AM	63	RR	96	12.0	830	830	130	JR	DF-335	
P-986/P-987	W EOS / E EOS	8/26/15	11:36 AM	63	JR	92	12.0	835	833	107	JB		
P-985/P-987	W EOS / E EOS	8/26/15	11:47 AM	63	JR	92	12.0	835	833	127	JB	DF-336	
P-987/P-988	W EOS / E EOS	8/26/15	11:49 AM	65	RR	96	12.0	830	831	102	JR		
P-987/P-989	W EOS / E EOS	8/26/15	1:03 PM	67	JR	92	12.0	835	835	125	JB		
P-988/P-989	W EOS / E EOS	8/26/15	1:16 PM	67	JR	92	12.0	835	834	97	JB		
P-990/P-991	N EOS / S EOS	8/26/15	1:28 PM	67	RR	96	12.0	830	831	23	JR		
P-989/P-991	W EOS / E EOS	8/26/15	1:34 PM	67	JR	92	12.0	835	835	49	JB		
P-989/P-990	W EOS / E EOS	8/26/15	1:39 PM	67	JR	92	12.0	835	833	161	JB		
P-991/P-992	W EOS / E EOS	8/26/15	1:42 PM	67	RR	96	12.0	830	830	36	JR		
P-990/P-992	W EOS / E EOS	8/26/15	1:44 PM	67	RR	96	12.0	830	830	159	JR		
P-992/P-994	W EOS / E EOS	8/26/15	2:09 PM	67	RR	96	12.0	830	830	44	JR		
P-993/P-994	N EOS / S EOS	8/26/15	2:13 PM	66	JR	92	12.0	835	835	23	JB	DF-337	
P-992/P-993	W EOS / E EOS	8/26/15	2:15 PM	67	RR	96	12.0	830	831	137	JR	DF-338	
P-994/P-995	W EOS / E EOS	8/26/15	2:23 PM	64	JR	92	12.0	835	835	30	JB		
P-993/P-995	W EOS / E EOS	8/26/15	2:26 PM	64	JR	92	12.0	835	835	137	JB		
P-995/P-996	W EOS / E EOS	8/26/15	2:32 PM	67	RR	96	12.0	830	831	155	JR		
P-996/P-997	W EOS / E EOS	8/26/15	2:57 PM	64	JR	92	12.0	835	833	142	JB		
P-997/P-998	W EOS / E EOS	8/26/15	3:06 PM	64	RR	96	12.0	830	831	131	JR		
P-998/P-999	W EOS / E EOS	8/26/15	3:24 PM	64	RR	96	12.0	830	830	119	JR		
P-999/P-1000	W EOS / E EOS	8/26/15	3:54 PM	65	RR	96	12.0	830	830	106	RR	DF-339	
P-1000/P-1001	W EOS / E EOS	8/26/15	4:01 PM	65	JR	92	12.0	835	834	43	JB		
P-1000/P-1002	W EOS / E EOS	8/26/15	4:11 PM	65	JR	92	12.0	835	833	62	JB		
P-1001/P-1002	W EOS / E EOS	8/26/15	4:17 PM	65	JR	92	12.0	835	835	42	JB		
P-1002/P-1003	W EOS / E EOS	8/26/15	4:17 PM	65	RR	96	12.0	830	831	71	RR		
P-1003/P-1004	W EOS / E EOS	8/26/15	4:26 PM	65	JR	92	12.0	835	835	27	JB	DF-340	

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1003/P-1005	W EOS / E EOS	8/26/15	4:30 PM	65	RR	96	12.0	830	831	14	RR		
P-1004/P-1005	W EOS / E EOS	8/26/15	4:33 PM	65	RR	96	12.0	830	830	17	RR		
P-1007/P-1008	W EOS / E EOS	8/27/15	8:54 AM	57	RR	94	12.0	800	800	23	JR		
P-1006/P-1007	S EOS / N EOS	8/27/15	9:00 AM	57	RR	94	12.0	800	801	12	AF		
P-1006/P-1008	S EOS / N EOS	8/27/15	9:05 AM	57	RR	94	12.0	800	801	58	AF		
P-1007/P-1009	S EOS / N EOS	8/27/15	9:20 AM	58	RR	94	12.0	800	800	56	AF		
P-1008/P-1009	S EOS / N EOS	8/27/15	9:24 AM	57	RR	94	12.0	800	801	55	AF		
P-1002/P-1006	W EOS / E EOS	8/27/15	9:43 AM	57	RR	94	12.0	800	800	25	AF		
P-1003/P-1006	W EOS / E EOS	8/27/15	9:45 AM	58	RR	94	12.0	800	800	27	AF		
P-1005/P-1006	S EOS / N EOS	8/27/15	9:50 AM	58	RR	94	12.0	800	801	28	AF		
P-997/P-1009	W EOS / E EOS	8/27/15	10:00 AM	57	RR	94	12.0	800	800	28	AF		
P-998/P-1009	W EOS / E EOS	8/27/15	10:03 AM	57	RR	94	12.0	800	801	21	AF		
P-1009/P-1010	S EOS / N EOS	8/27/15	10:18 AM	58	RR	94	12.0	800	800	151	AF	DF-342	
P-1010/P-1011	W EOS / E EOS	8/27/15	10:59 AM	58	RR	94	12.0	800	799	23	AF		
P-996/P-1011	E EOS / W EOS	8/27/15	11:05 AM	56	RR	94	12.0	800	801	25	AF		
P-995/P-1011	E EOS / W EOS	8/27/15	11:08 AM	56	RR	94	12.0	800	800	26	AF		
P-994/P-1012	E EOS / W EOS	8/27/15	11:10 AM	56	RR	94	12.0	800	800	28	AF		
P-992/P-1012	E EOS / W EOS	8/27/15	11:13 AM	56	RR	94	12.0	800	800	28	AF		
P-1014/P-1015	E EOS / W EOS	8/27/15	11:51 AM	56	RR	94	12.0	800	801	16	AF		
P-991/P-1015	E EOS / W EOS	8/27/15	11:56 AM	57	RR	94	12.0	800	800	16	AF		
P-991/P-1014	E EOS / W EOS	8/27/15	12:00 PM	56	RR	94	12.0	800	800	9	AF		
P-989/P-1014	E EOS / W EOS	8/27/15	12:00 PM	55	RR	94	12.0	800	800	26	AF		
P-986/P-1014	E EOS / W EOS	8/27/15	12:03 PM	55	RR	94	12.0	800	800	3	AF		
P-1014/P-1016	S EOS / N EOS	8/27/15	1:40 PM	58	RR	94	12.0	800	801	36	TB		
P-1015/P-1016	S EOS / N EOS	8/27/15	1:43 PM	58	RR	94	12.0	800	800	123	TB	DF-344	
P-1013/P-1016	S EOS / N EOS	8/27/15	Failed Seam (Capped)							110	TB		Repair D2647
P-1016/P-1017	W EOS / E EOS	8/27/15	2:06 PM	58	RR	94	12.0	800	800	23	SW		
P-1013/P-1017	S EOS / N EOS	8/27/15	2:12 PM	58	RR	94	12.0	800	800	20	SW		
P-1016/P-1019	S EOS / N EOS	8/27/15	2:27 PM	59	RR	94	12.0	800	800	143	SW		
P-1018/P-1019	S EOS / N EOS	8/27/15	2:39 PM	65	RR	94	12.0	800	800	134	SW		
P-1011/P-1012	S EOS / N EOS	8/27/15	11:01 AM	55	JR	96	12.0	830	830	47	JB		
P-1010/P-1012	S EOS / N EOS	8/27/15	11:07 AM	55	JR	96	12.0	830	829	150	JB		
P-1013/P-1015	W EOS / E EOS	8/27/15	11:51 AM	57	JR	96	12.0	830	829	23	JB		
P-1012/P-1015	S EOS / N EOS	8/27/15	12:00 PM	57	JR	96	12.0	830	829	103	JB	DF-343	
P-1012/P-1013	S EOS / N EOS	8/27/15	12:12 PM	57	JR	96	12.0	830	830	135	JB		
P-1016/P-1018	S EOS / N EOS	8/27/15	2:07 PM	59	JR	96	12.0	830	829	120	JB		
P-1017/P-1018	S EOS / N EOS	8/27/15	2:17 PM	59	JR	96	12.0	830	830	18	JB		
P-986/P-1019	N EOS / S EOS	8/27/15	2:35 PM	57	JR	96	12.0	830	830	18	JB		
P-984/P-1019	N EOS / S EOS	8/27/15	2:37 PM	57	JR	96	12.0	830	830	18	JB		
P-1019/P-1020	S EOS / N EOS	8/27/15	3:10 PM	57	JR	96	12.0	830	830	304	JB	DF-345	
P-999/P-1007	W EOS / E EOS	8/27/15	9:00 AM	57	JR	92	12.0	835	834	21	AF		
P-1002/P-1007	W EOS / E EOS	8/27/15	9:02 AM	57	JR	92	12.0	835	835	15	AF	DF-341	
P-998/P-1007	W EOS / E EOS	8/27/15	Failed Seam (Capped)							6	AF		Repair D2635
P-1020/P-1022	S EOS / N EOS	8/28/15	8:05 AM	50	RR	94	12.0	830	830	155	JR	DF-346	

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1020/P-1021	S EOS / N EOS	8/28/15	8:26 AM	48	JR	92	12.0	835	835	150	JR		
P-1021/P-1022	S EOS / N EOS	8/28/15	9:05 AM	50	RR	94	12.0	830	830	149	JR		
P-1022/P-1023	S EOS / N EOS	8/28/15	9:16 AM	51	JR	92	12.0	835	833	149	JB		
P-1022/P-1024	S EOS / N EOS	8/28/15	9:39 AM	52	RR	94	12.0	830	831	156	JR		
P-1023/P-1024	S EOS / N EOS	8/28/15	9:55 AM	52	RR	94	12.0	830	831	143	JR	DF-347	
P-1024/P-1025	S EOS / N EOS	8/28/15	10:10 AM	52	JR	92	12.0	835	835	141	JB		
P-1024/P-1026	S EOS / N EOS	8/28/15	10:50 AM	56	RR	94	12.0	830	831	161	JR		
P-1025/P-1026	S EOS / N EOS	8/28/15	11:15 AM	56	RR	94	12.0	830	830	135	JR		
P-1027/P-1028	W EOS / E EOS	8/28/15	11:45 AM	66	JR	92	12.0	835	835	23	MJ		
P-1026/P-1028	S EOS / N EOS	8/28/15	11:52 AM	66	JR	92	12.0	835	835	72	MJ	DF-348	
P-1027/P-1029	W EOS / E EOS	8/28/15	12:05 PM	66	RR	94	12.0	830	831	23	JR		
P-1026/P-1027	S EOS / N EOS	8/28/15	12:06 PM	66	JR	92	12.0	835	835	80	MJ		
P-1026/P-1029	S EOS / N EOS	8/28/15	12:11 PM	66	JR	92	12.0	835	835	75	MJ		
P-1029/P-1030	W EOS / E EOS	8/28/15	1:07 PM	66	RR	94	12.0	830	830	23	JR		
P-1026/P-1030	S EOS / N EOS	8/28/15	1:10 PM	66	RR	94	12.0	830	830	48	JR		
P-1028/P-1031	S EOS / N EOS	8/28/15	1:35 PM	64	RR	94	12.0	830	830	54	JR	DF-349	
P-1027/P-1031	S EOS / N EOS	8/28/15	1:39 PM	64	RR	94	12.0	830	831	80	JR		
P-1029/P-1031	S EOS / N EOS	8/28/15	1:47 PM	64	RR	94	12.0	830	830	74	JR		
P-1030/P-1031	S EOS / N EOS	8/28/15	3:54 PM	64	RR	94	12.0	830	830	47	JR		
P-1032/P-1033	W EOS / E EOS	8/28/15	2:06 PM	64	RR	94	12.0	830	831	23	JR		
P-1031/P-1032	S EOS / N EOS	8/28/15	2:14 PM	64	RR	94	12.0	830	830	68	JR		
P-1031/P-1033	S EOS / N EOS	8/28/15	2:20 PM	64	RR	94	12.0	830	830	162	JR	DF-350	
P-1032/P-1034	S EOS / N EOS	8/31/15	9:42 AM	58	RR	96	12.0	830	830	209	JB		
P-1033/P-1034	S EOS / N EOS	8/31/15	9:47 AM	58	RR	96	12.0	830	829	0	JB	DF-351	
P-1035/P-1036	E EOS / W EOS	9/1/15	1:17 PM	76	RR	94	12.0	830	830	168	BM		
P-1036/P-1037	E EOS / W EOS	9/1/15	1:41 PM	76	RR	94	12.0	830	831	141	BM		
P-1037/P-1038	S EOS / N EOS	9/1/15	1:52 PM	76	JR	92	12.0	835	834	23	AF		
P-1036/P-1038	E EOS / W EOS	9/1/15	1:56 PM	76	RR	94	12.0	830	830	12	BM		
P-1037/P-1039	E EOS / W EOS	9/1/15	1:57 PM	76	JR	92	12.0	835	836	140	AF		
P-1039/P-1040	E EOS / W EOS	9/1/15	2:03 PM	76	RR	94	12.0	830	829	87	BM		
P-1040/P-1041	S EOS / N EOS	9/1/15	2:13 PM	77	JR	92	12.0	835	835	23	AF		
P-1039/P-1041	E EOS / W EOS	9/1/15	2:13 PM	76	RR	94	12.0	830	830	40	BM	DF-352	
P-1040/P-1042	E EOS / W EOS	9/1/15	2:19 PM	77	JR	92	12.0	835	834	87	AF		
P-1041/P-1042	E EOS / W EOS	9/1/15	2:29 PM	77	JR	92	12.0	835	835	28	AF	DF-353	
P-1043/P-1044	E EOS / W EOS	9/1/15	2:31 PM	76	JR	92	12.0	835	834	69	AF		
P-1042/P-1043	E EOS / W EOS	9/1/15	2:34 PM	76	RR	94	12.0	830	831	98	BM		
P-1044/P-1045	S EOS / N EOS	9/1/15	2:35 PM	76	RR	94	12.0	830	829	22	BM		
P-1043/P-1045	E EOS / W EOS	9/1/15	2:46 PM	76	JR	92	12.0	835	835	15	AF		
P-1044/P-1046	E EOS / W EOS	9/1/15	2:55 PM	76	RR	94	12.0	830	830	70	BM		
P-983/P-1035	W EOS / E EOS	9/1/15	3:05 PM	76	JR	92	12.0	835	836	20	AF		
P-982/P-1035	W EOS / E EOS	9/1/15	3:07 PM	75	JR	92	12.0	835	835	167	AF		
P-1046/P-1047	E EOS / W EOS	9/1/15	3:07 PM	75	RR	94	12.0	830	830	58	BM		
P-1049/P-1050	S EOS / N EOS	9/1/15	3:16 PM	75	RR	94	12.0	830	830	21	BM		
P-1049/P-1051	W EOS / E EOS	9/1/15	3:21 PM	75	RR	94	12.0	830	830	19	BM		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1047/P-1048	E EOS / W EOS	9/1/15	3:23 PM	75	RR	94	12.0	830	830	46	BM		
P-1048/P-1049	E EOS / W EOS	9/1/15	3:26 PM	76	JR	92	12.0	835	835	22	AF		
P-1048/P-1050	E EOS / W EOS	9/1/15	3:30 PM	76	JR	92	12.0	835	835	12	AF		
P-981/P-1052	S EOS / N EOS	9/1/15	3:52 PM	75	JR	92	12.0	835	835	19	AF		
P-983/P-1052	S EOS / N EOS	9/1/15	3:54 PM	73	JR	92	12.0	835	835	27	AF		
P-1035/P-1052	S EOS / N EOS	9/1/15	3:50 PM	71	JR	92	12.0	835	836	26	AF		
P-1036/P-1052	S EOS / N EOS	9/1/15	4:00 PM	70	JR	92	12.0	835	834	26	AF		
P-1038/P-1052	S EOS / N EOS	9/1/15	4:05 PM	70	JR	92	12.0	835	835	22	AF		
P-1052/P-1053	N EOS / S EOS	9/1/15	4:06 PM	74	RR	94	12.0	830	830	379	TB	DF-355	
P-1037/P-1052	S EOS / N EOS	9/1/15	Failed Seam (Capped)							4	AF		Repair D2776
P-1039/P-1052	S EOS / N EOS	9/1/15	4:09 PM	69	JR	92	12.0	835	836	26	AF		
P-1041/P-1052	S EOS / N EOS	9/1/15	4:11 PM	69	JR	92	12.0	835	835	26	AF		
P-1042/P-1052	S EOS / N EOS	9/1/15	4:13 PM	68	JR	92	12.0	835	835	27	AF	DF-354	
P-1043/P-1052	S EOS / N EOS	9/1/15	4:15 PM	68	JR	92	12.0	835	834	27	AF		
P-1045/P-1052	S EOS / N EOS	9/1/15	4:17 PM	67	JR	92	12.0	835	835	27	AF		
P-1046/P-1052	S EOS / N EOS	9/1/15	4:21 PM	66	JR	92	12.0	835	835	27	AF		
P-1047/P-1052	S EOS / N EOS	9/1/15	4:22 PM	65	JR	92	12.0	835	835	26	AF		
P-1048/P-1052	S EOS / N EOS	9/1/15	4:25 PM	69	JR	92	12.0	835	834	26	AF		
P-1050/P-1052	S EOS / N EOS	9/1/15	4:28 PM	69	JR	92	12.0	835	836	26	AF		
P-1051/P-1052	S EOS / N EOS	9/1/15	4:32 PM	67	JR	92	12.0	835	835	17	AF		
P-1052/P-1054	E EOS / W EOS	9/1/15	4:56 PM	62	RR	94	12.0	830	831	23	TB		
P-971/P-1054	S EOS / N EOS	9/1/15	5:00 PM	65	JR	92	12.0	835	834	22	AF		
P-972/P-1054	S EOS / N EOS	9/1/15	5:03 PM	64	JR	92	12.0	835	835	11	AF		
P-975/P-1054	S EOS / N EOS	9/1/15	5:06 PM	63	JR	92	12.0	835	835	27	AF		
P-976/P-1054	S EOS / N EOS	9/1/15	5:08 PM	63	JR	92	12.0	835	835	27	AF		
P-977/P-1054	S EOS / N EOS	9/1/15	5:10 PM	63	JR	92	12.0	835	835	27	AF		
P-979/P-1054	S EOS / N EOS	9/1/15	5:13 PM	62	JR	92	12.0	835	836	24	AF		
P-980/P-1054	S EOS / N EOS	9/1/15	Failed Seam (Capped)							3	AF		Repair D2762
P-981/P-1054	S EOS / N EOS	9/1/15	5:18 PM	62	JR	92	12.0	835	835	8	AF		
P-1053/P-1055	E EOS / W EOS	9/1/15	5:36 PM	62	JR	92	12.0	835	835	23	TB		
P-1054/P-1055	N EOS / S EOS	9/1/15	5:39 PM	62	RR	94	12.0	830	830	149	TB		
P-1056/P-1057	N EOS / S EOS	9/2/15	12:45 PM	68	RR	94	12.0	830	831	44	BM		
P-1057/P-1058	N EOS / S EOS	9/2/15	12:48 PM	71	JR	92	12.0	835	834	90	AF		
P-1053/P-1056	N EOS / S EOS	9/2/15	1:00 PM	68	RR	94	12.0	830	830	52	BM	DF-356	
P-1053/P-1057	N EOS / S EOS	9/2/15	1:07 PM	68	RR	94	12.0	830	831	62	BM		
P-1058/P-1059	E EOS / W EOS	9/2/15	1:11 PM	72	JR	92	12.0	835	835	14	AF		
P-1053/P-1058	N EOS / S EOS	9/2/15	1:12 PM	68	RR	94	12.0	830	830	25	BM		
P-1053/P-1059	N EOS / S EOS	9/2/15	1:15 PM	68	RR	94	12.0	830	830	38	BM		
P-1058/P-1060	N EOS / S EOS	9/2/15	1:15 PM	72	JR	92	12.0	835	835	102	AF	DF-357	
P-1059/P-1060	N EOS / S EOS	9/2/15	1:24 PM	72	JR	92	12.0	835	836	35	AF		
P-1060/P-1061	N EOS / S EOS	9/2/15	1:30 PM	68	RR	94	12.0	830	829	183	BM		
P-1053/P-1060	N EOS / S EOS	9/2/15	1:50 PM	68	RR	94	12.0	830	830	62	BM		
P-1061/P-1063	N EOS / S EOS	9/2/15	Failed Seam (Capped)							165	AF		
P-1061/P-1064	E EOS / W EOS	9/2/15	2:42 PM	72	RR	94	12.0	830	829	23	BM		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1063/P-1065	N EOS / S EOS	9/2/15	2:48 PM	73	JR	92	12.0	835	835	267	AF	DF-358	
P-1062/P-1064	E EOS / W EOS	9/2/15	2:50 PM	72	RR	94	12.0	830	831	19	BM		
P-1063/P-1064	N EOS / S EOS	9/2/15	3:01 PM	74	RR	94	12.0	830	830	10	BM		
P-1062/P-1063	N EOS / S EOS	9/2/15	3:02 PM	74	RR	94	12.0	830	831	50	BM	DF-359	
P-1053/P-1064	N EOS / S EOS	9/2/15	3:15 PM	74	RR	94	12.0	830	830	10	BM		
P-1053/P-1062	N EOS / S EOS	9/2/15	3:20 PM	74	RR	94	12.0	830	829	52	BM		
P-1065/P-1066	N EOS / S EOS	9/2/15	3:21 PM	72	JR	92	12.0	835	836	125	AF		
P-1053/P-1063	N EOS / S EOS	9/2/15	3:26 PM	74	RR	94	12.0	830	831	62	BM		
P-1066/P-1067	N EOS / S EOS	9/2/15	3:47 PM	74	RR	94	12.0	830	831	110	BM		
P-1065/P-1067	N EOS / S EOS	9/2/15	3:56 PM	74	RR	94	12.0	830	829	130	BM		
P-1067/P-1068	N EOS / S EOS	9/2/15	4:20 PM	74	RR	94	12.0	830	830	104	BM		
P-1069/P-1070	E EOS / W EOS	9/2/15	5:03 PM	70	JR	92	12.0	835	836	23	AF		
P-1068/P-1070	N EOS / S EOS	9/2/15	5:12 PM	69	RR	94	12.0	830	830	93	BM		
P-1067/P-1069	N EOS / S EOS	9/2/15	5:24 PM	69	RR	94	12.0	830	830	122	BM	DF-360	
P-1065/P-1069	N EOS / S EOS	9/2/15	5:35 PM	69	RR	94	12.0	830	830	4	BM		
P-1070/P-1071	N EOS / S EOS	9/2/15	5:43 PM	69	JR	92	12.0	835	835	84	AF		
P-1069/P-1071	N EOS / S EOS	9/2/15	5:55 PM	68	JR	92	12.0	835	834	147	AF		
P-1055/P-1069	N EOS / S EOS	9/2/15	6:09 PM	68	RR	94	12.0	830	829	27	BM		
P-1055/P-1071	N EOS / S EOS	9/2/15	6:16 PM	68	RR	94	12.0	830	830	33	BM		
P-1071/P-1072	N EOS / S EOS	9/3/15	8:31 AM	58	RR	94	12.0	830	830	243	BM	DF-361	
P-1072/P-1073	N EOS / S EOS	9/3/15	8:57 AM	61	JR	92	12.0	835	835	117	JR	DF-362	
P-1075/P-1076	E EOS / W EOS	9/3/15	9:32 AM	62	RR	94	12.0	830	831	23	AF		
P-1073/P-1076	N EOS / S EOS	9/3/15	9:38 AM	65	RR	94	12.0	830	829	86	AF		
P-1074/P-1075	E EOS / W EOS	9/3/15	9:44 AM	65	JR	92	12.0	835	835	23	JR		
P-1073/P-1075	N EOS / S EOS	9/3/15	9:45 AM	64	RR	94	12.0	830	830	20	AF		
P-1072/P-1075	N EOS / S EOS	9/3/15	9:50 AM	64	RR	94	12.0	830	829	116	AF		
P-1076/P-1077	N EOS / S EOS	9/3/15	9:58 AM	65	JR	92	12.0	835	836	83	JR		
P-1072/P-1074	N EOS / S EOS	9/3/15	10:00 AM	63	RR	94	12.0	830	830	11	AF		
P-1075/P-1077	N EOS / S EOS	9/3/15	10:09 AM	65	JR	92	12.0	835	835	133	JR		
P-1077/P-1079	N EOS / S EOS	9/3/15	10:20 AM	63	RR	94	12.0	830	830	258	AF	DF-363	
P-1074/P-1077	N EOS / S EOS	9/3/15	10:20 AM	65	JR	92	12.0	835	835	28	JR		
P-1078/P-1079	E EOS / W EOS	9/3/15	10:28 AM	65	JR	92	12.0	835	836	23	JR		
P-1055/P-1077	N EOS / S EOS	9/3/15	11:00 AM	62	RR	94	12.0	830	830	29	AF		
P-1055/P-1074	N EOS / S EOS	9/3/15	11:02 AM	62	RR	94	12.0	830	830	28	AF		
P-1055/P-1078	N EOS / S EOS	9/3/15	11:05 AM	62	RR	94	12.0	830	829	29	AF		
P-1055/P-1080	N EOS / S EOS	9/3/15	11:08 AM	62	RR	94	12.0	830	829	10	AF		
P-1080/P-1081	E EOS / W EOS	9/3/15	11:11 AM	66	JR	92	12.0	835	835	23	JR		
P-1079/P-1082	N EOS / S EOS	9/3/15	11:34 AM	66	JR	92	12.0	635	635	46	JR		
P-1081/P-1082	E EOS / W EOS	9/3/15	11:31 AM	62	RR	94	12.0	830	830	12	AF		
P-1079/P-1081	N EOS / S EOS	9/3/15	11:41 AM	64	JR	92	12.0	635	635	110	JR	DF-364	
P-1082/P-1083	N EOS / S EOS	9/3/15	11:47 AM	62	RR	94	12.0	830	830	44	AF		
P-1079/P-1080	N EOS / S EOS	9/3/15	11:51 AM	64	JR	92	12.0	635	635	97	JR		
P-1081/P-1083	N EOS / S EOS	9/3/15	11:52 AM	61	RR	94	12.0	830	829	110	AF		
P-1078/P-1080	N EOS / S EOS	9/3/15	12:00 PM	64	JR	92	12.0	635	634	15	JR		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1080/P1083	N EOS / S EOS	9/3/15	12:00 PM	61	RR	94	12.0	830	830	109	AF		
P-1083/P-1084	N EOS / S EOS	9/9/15	9:04 AM	54	RR	94	12.0	830	830	253	JR	DF-365	
P-1085/P-1086	E EOS / W EOS	9/9/15	9:24 AM	61	JR	92	12.0	835	835	23	JB		
P-1084/P-1086	N EOS / S EOS	9/9/15	9:30 AM	61	JR	92	12.0	835	835	128	JB		
P-1084/P-1085	N EOS / S EOS	9/9/15	9:43 AM	61	JR	92	12.0	835	833	120	JB		
P-1086/P-1087	N EOS / S EOS	9/9/15	10:05 AM	61	RR	94	12.0	830	830	127	JR		
P-1085/P-1087	N EOS / S EOS	9/9/15	10:17 AM	65	RR	94	12.0	830	831	119	JR		
P-1087/P-1088	N EOS / S EOS	9/9/15	10:18 AM	62	JR	92	12.0	835	835	245	JB	DF-366	
P-1089/P-1090	E EOS / W EOS	9/9/15	10:51 AM	65	RR	94	12.0	830	830	23	JR		
P-1088/P-1090	N EOS / S EOS	9/9/15	10:59 AM	65	RR	94	12.0	830	830	115	JR	DF-367	
P-1088/P-1089	N EOS / S EOS	9/9/15	11:00 AM	65	RR	94	12.0	830	830	131	JR		
P-1090/P-1091	N EOS / S EOS	9/9/15	11:13 AM	63	JR	92	12.0	835	833	115	JB		
P-1089/P-1091	N EOS / S EOS	9/9/15	11:30 AM	63	JR	92	12.0	835	833	132	JB		
P-1091/P-1092	N EOS / S EOS	9/9/15	11:53 AM	64	RR	94	12.0	830	830	249	JR		
P-1093/P-1094	E EOS / W EOS	9/9/15	12:23 PM	63	JR	92	12.0	835	833	23	JB		
P-1092/P-1094	N EOS / S EOS	9/9/15	12:35 PM	68	RR	94	12.0	830	831	119	JR	DF-368	
P-1092/P-1093	N EOS / S EOS	9/9/15	12:47 PM	68	RR	94	12.0	830	830	129	JR		
P-1094/P-1095	N EOS / S EOS	9/9/15	1:05 PM	70	RR	94	12.0	830	831	120	JR		
P-1093/P-1095	N EOS / S EOS	9/9/15	1:16 PM	70	RR	94	12.0	830	831	129	JR	DF-369	
P-1095/P-1096	N EOS / S EOS	9/10/15	9:31 AM	58	JR	92	12.0	835	834	247	JB	DF-370	
P-1096/P-1097	N EOS / S EOS	9/10/15	10:00 AM	60	JR	92	12.0	835	835	121	JB		
P-1099/P-1100	E EOS / W EOS	9/10/15	10:36 AM	63	JR	92	12.0	835	835	23	JB		
P-1098/P-1100	N EOS / S EOS	9/10/15	10:54 AM	63	JR	92	12.0	835	835	120	JB	DF-371	
P-1098/P-1099	N EOS / S EOS	9/10/15	11:09 AM	64	JR	92	12.0	835	833	130	JB		
P-1102/P-1103	E EOS / W EOS	9/10/15	11:57 AM	65	JR	92	12.0	835	835	23	JB		
P-1101/P-1103	N EOS / S EOS	9/10/15	12:06 PM	66	JR	92	12.0	835	834	120	JB		
P-1101/P-1102	N EOS / S EOS	9/10/15	12:20 PM	66	JR	92	12.0	835	834	132	JB		
P-1104/P-1105	N EOS / S EOS	9/10/15	1:50 PM	68	JR	92	12.0	835	835	250	JB	DF-373	
P-1107/P-1108	N EOS / S EOS	9/10/15	2:55 PM	68	JR	92	12.0	835	834	121	JB		
P-1106/P-1108	N EOS / S EOS	9/10/15	3:08 PM	68	JR	92	12.0	835	834	130	JB		
P-1096/P-1098	N EOS / S EOS	9/10/15	10:12 AM	60	RR	94	12.0	830	831	131	BM		
P-1097/P-1098	N EOS / S EOS	9/10/15	10:27 AM	60	RR	94	12.0	830	830	120	BM		
P-1100/P-1101	N EOS / S EOS	9/10/15	11:13 AM	61	RR	94	12.0	830	829	119	BM		
P-1099/P-1101	N EOS / S EOS	9/10/15	11:23 AM	61	RR	94	12.0	830	830	128	BM	DF-372	
P-1103/P-1104	N EOS / S EOS	9/10/15	12:41 PM	68	RR	94	12.0	830	830	122	JR		
P-1102/P-1104	N EOS / S EOS	9/10/15	1:49 PM	68	RR	94	12.0	830	830	129	JR		
P-1106/P-1107	E EOS / W EOS	9/10/15	2:21 PM	68	RR	94	12.0	830	831	23	JR		
P-1105/P-1107	N EOS / S EOS	9/10/15	2:31 PM	68	RR	94	12.0	830	830	118	JR		
P-1105/P-1106	N EOS / S EOS	9/10/15	2:46 PM	68	RR	94	12.0	830	829	132	JR	DF-374	
P-1108/P-1109	N EOS / S EOS	9/11/15	9:00 AM	51	JR	92	12.0	835	835	244	CS	DF-375	
P-1109/P-1110	N EOS / S EOS	9/11/15	9:18 AM	51	RR	94	12.0	830	830	127	CS		
P-1109/P-1111	N EOS / S EOS	9/11/15	9:44 AM	51	RR	94	12.0	830	830	122	CS		
P-1110/P-1111	N EOS / S EOS	9/11/15	9:55 AM	51	RR	94	12.0	830	830	124	CS		
P-1112/P-1113	E EOS / W EOS	9/11/15	10:11 AM	51	JR	92	12.0	835	835	23	CS		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1111/P-1113	N EOS / S EOS	9/11/15	11:26 AM	55	JR	92	12.0	835	835	124	CS		
P-1111/P-1112	N EOS / S EOS	9/11/15	11:39 AM	55	JR	92	12.0	835	835	128	CS		
P-1113/P-1114	N EOS / S EOS	9/11/15	11:53 AM	52	RR	94	12.0	830	830	122	BM	DF-376	
P-1112/P-1114	N EOS / S EOS	9/11/15	12:07 PM	52	RR	94	12.0	830	831	128	BM		
P-1115/P-1116	E EOS / W EOS	9/11/15	12:20 PM	55	JR	92	12.0	835	835	23	CS		
P-1114/P-1116	N EOS / S EOS	9/11/15	12:25 PM	55	JR	92	12.0	835	835	118	CS	DF-377	
P-1114/P-1115	N EOS / S EOS	9/11/15	12:38 PM	55	JR	92	12.0	835	835	130	CS		
P-1116/P-1117	N EOS / S EOS	9/11/15	1:31 PM	60	RR	94	12.0	830	830	119	BM		
P-1115/P-1117	N EOS / S EOS	9/11/15	1:44 PM	60	RR	94	12.0	830	831	130	BM	DF-378	
P-1117/P-1118	N EOS / S EOS	9/11/15	1:58 PM	60	JR	92	12.0	835	835	250	CS		
P-1119/P-1120	E EOS / W EOS	9/11/15	2:24 PM	64	RR	94	12.0	830	830	23	BM		
P-1120/P-1121	N EOS / S EOS	9/11/15	2:30 PM	60	JR	92	12.0	835	835	119	CS	DF-379	
P-1118/P-1120	N EOS / S EOS	9/11/15	2:35 PM	64	RR	94	12.0	830	831	116	BM		
P-1118/P-1119	N EOS / S EOS	9/11/15	2:43 PM	64	RR	94	12.0	830	831	131	BM		
P-1121/P-1122	N EOS / S EOS	9/11/15	3:03 PM	57	RR	94	12.0	830	830	248	BM	DF-380	
P-1119/P-1121	N EOS / S EOS	9/11/15	3:08 PM	60	JR	92	12.0	835	835	131	CS		
P-1122/P-1123	N EOS / S EOS	9/12/15	8:13 AM	58	RR	94	12.0	830	830	248	JR		
P-1123/P-1124	N EOS / S EOS	9/12/15	8:48 AM	50	JR	92	12.0	835	835	129	CS		
P-1123/P-1125	N EOS / S EOS	9/12/15	9:10 AM	55	JR	92	12.0	835	835	127	CS		
P-1124/P-1125	N EOS / S EOS	9/12/15	9:28 AM	55	JR	92	12.0	835	835	123	CS	DF-381	
P-1126/P-1127	E EOS / W EOS	9/12/15	9:35 AM	60	RR	94	12.0	830	831	23	JR	DF-382	
P-1125/P-1127	N EOS / S EOS	9/12/15	9:48 AM	60	RR	94	12.0	830	830	122	JR		
P-1125/P-1126	N EOS / S EOS	9/12/15	9:56 AM	60	RR	94	12.0	830	830	126	JR		
P-1127/P-1128	N EOS / S EOS	9/12/15	10:02 AM	60	JR	92	12.0	835	835	128	CS		
P-1126/P-1128	N EOS / S EOS	9/12/15	10:16 AM	60	JR	92	12.0	835	835	120	CS		
P-1129/P-1130	E EOS / W EOS	9/12/15	10:32 AM	60	RR	94	12.0	830	829	23	JR		
P-1128/P-1130	N EOS / S EOS	9/12/15	10:40 AM	60	RR	94	12.0	830	830	117	JR		
P-1128/P-1129	N EOS / S EOS	9/12/15	10:51 AM	60	RR	94	12.0	830	830	128	JR	DF-383	
P-1130/P-1131	N EOS / S EOS	9/12/15	10:57 AM	60	JR	92	12.0	835	835	117	CS		
P-1129/P-1131	N EOS / S EOS	9/12/15	11:10 AM	60	JR	92	12.0	835	835	131	CS	DF-384	
P-1132/P-1133	E EOS / W EOS	9/12/15	11:32 AM	63	RR	94	12.0	830	831	23	JR		
P-1131/P-1133	N EOS / S EOS	9/12/15	11:41 AM	65	RR	94	12.0	830	829	116	JR		
P-1131/P-1132	N EOS / S EOS	9/12/15	11:52 AM	65	RR	94	12.0	830	830	130	JR		
P-1133/P-1134	N EOS / S EOS	9/12/15	12:00 PM	65	JR	92	12.0	835	835	116	CS		
P-1132/P-1134	N EOS / S EOS	9/12/15	12:15 PM	65	JR	92	12.0	835	835	131	CS		
P-1135/P-1136	E EOS / W EOS	9/13/15	8:37 AM	64	RR	94	12.0	830	830	387	TB	DF-385	
P-1137/P-1138	N EOS / S EOS	9/13/15	9:14 AM	55	JR	92	12.0	835	835	23	CS	DF-386	
P-1135/P-1137	E EOS / W EOS	9/13/15	9:21 AM	55	JR	92	12.0	835	835	38	CS		
P-1135/P-1138	E EOS / W EOS	9/13/15	9:26 AM	55	JR	92	12.0	835	835	73	CS		
P-1138/P-1140	N EOS / S EOS	9/13/15	9:28 AM	65	RR	94	12.0	830	830	23	TB		
P-1135/P-1140	E EOS / W EOS	9/13/15	9:32 AM	55	JR	92	12.0	835	835	70	CS		
P-1137/P-1139	E EOS / W EOS	9/13/15	9:34 AM	65	RR	94	12.0	830	830	11	TB		
P-1138/P-1139	E EOS / W EOS	9/13/15	9:35 AM	65	RR	94	12.0	830	830	59	TB		
P-1141/P-1142	N EOS / S EOS	9/13/15	10:07 AM	65	RR	94	12.0	830	831	23	TB		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1142/P-1143	N EOS / S EOS	9/13/15	10:14 AM	65	RR	94	12.0	830	830	23	TB	DF-387	
P-1141/P-1144	E EOS / W EOS	9/13/15	10:21 AM	60	JR	92	12.0	835	835	72	CS		
P-1142/P-1144	E EOS / W EOS	9/13/15	10:30 AM	60	JR	92	12.0	835	835	9	CS		
P-1144/P-1146	N EOS / S EOS	9/13/15	10:36 AM	60	JR	92	12.0	835	835	15	CS		
P-1142/P-1146	E EOS / W EOS	9/13/15	10:38 AM	60	JR	92	12.0	835	835	71	CS		
P-1145/P-1146	N EOS / S EOS	9/13/15	10:39 AM	65	RR	94	12.0	830	830	7	TB		
P-1143/P-1145	E EOS / W EOS	9/13/15	10:44 AM	60	JR	92	12.0	835	835	30	CS		
P-1148/P-1149	N EOS / S EOS	9/13/15	11:05 AM	68	RR	94	12.0	830	831	5	TB		
P-1136/P-1147	E EOS / W EOS	9/13/15	11:10 AM	68	RR	94	12.0	830	830	376	TB		
P-1141/P-1147	E EOS / W EOS	9/13/15	11:20 AM	68	JR	92	12.0	835	835	71	CS		
P-1142/P-1147	E EOS / W EOS	9/13/15	11:34 AM	68	JR	92	12.0	835	835	82	CS	DF-388	
P-1143/P-1147	E EOS / W EOS	9/13/15	11:41 AM	68	JR	92	12.0	835	835	68	CS		
P-1143/P-1149	N EOS / S EOS	9/13/15	11:50 AM	68	JR	92	12.0	835	835	11	CS		
P-1147/P-1149	E EOS / W EOS	9/13/15	11:52 AM	68	JR	92	12.0	835	835	43	CS		
P-1148/P-1150	N EOS / S EOS	9/13/15	11:54 AM	68	JR	92	12.0	835	835	5	CS		
P-1147/P-1148	E EOS / W EOS	9/13/15	11:55 AM	68	JR	92	12.0	835	835	81	CS		
P-1147/P-1150	N EOS / S EOS	9/13/15	1:20 PM	68	RR	94	12.0	830	830	23	TB		
P-1136/P-1151	N EOS / S EOS	9/13/15	1:32 PM	70	JR	92	12.0	835	835	23	CS		
P-1136/P-1150	E EOS / W EOS	9/13/15	Failed Seam (Capped)							11	TB		Repair D3107
P-1150/P-1151	E EOS / W EOS	9/13/15	1:36 PM	68	RR	94	12.0	830	830	165	TB	DF-389	
P-1151/P-1152	N EOS / S EOS	9/13/15	1:36 PM	70	JR	92	12.0	835	835	23	CS		
P-1152/P-1153	N EOS / S EOS	9/13/15	1:41 PM	70	JR	92	12.0	835	835	23	CS		
P-1153/P-1154	N EOS / S EOS	9/13/15	1:47 PM	70	JR	92	12.0	835	835	20	CS		
P-1050/P-1152	E EOS / W EOS	9/13/15	1:51 PM	68	RR	94	12.0	830	830	46	TB		
P-1150/P-1153	E EOS / W EOS	9/13/15	1:57 PM	68	RR	94	12.0	830	831	2	TB		
P-1135/P-1155	N EOS / S EOS	9/13/15	2:00 PM	68	RR	94	12.0	830	829	23	TB		
P-1151/P-1155	E EOS / W EOS	9/13/15	2:03 PM	70	JR	92	12.0	835	835	162	CS	DF-390	
P-1147/P-1156	E EOS / W EOS	9/13/15	2:14 PM	68	RR	94	12.0	830	832	37	TB		
P-1152/P-1155	E EOS / W EOS	9/13/15	2:17 PM	70	JR	92	12.0	835	835	45	CS		
P-1150/P-1156	E EOS / W EOS	9/13/15	2:18 PM	70	RR	94	12.0	830	830	29	TB		
P-1153/P-1155	E EOS / W EOS	9/13/15	2:23 PM	70	JR	92	12.0	835	835	20	CS		
P-1154/P-1155	E EOS / W EOS	9/13/15	2:25 PM	70	JR	92	12.0	835	835	91	CS		
P-1157/P-1158	S EOS / N EOS	9/13/15	2:28 PM	70	JR	92	12.0	835	835	10	TB		
P-1155/P-1157	E EOS / W EOS	9/13/15	2:32 PM	70	RR	94	12.0	830	830	83	TB		
P-1158/P-1159	N EOS / S EOS	9/13/15	2:39 PM	70	JR	92	12.0	835	835	15	CS		
P-930/P-1164	E EOS / W EOS	9/13/15	2:41 PM	70	JR	92	12.0	835	835	15	CS		
P-931/P-1164	E EOS / W EOS	9/13/15	2:43 PM	70	JR	92	12.0	835	835	13	CS		
P-1155/P-1158	E EOS / W EOS	9/13/15	2:45 PM	70	RR	94	12.0	830	830	83	TB		
P-1155/P-1159	E EOS / W EOS	9/13/15	2:50 PM	70	RR	94	12.0	830	831	61	TB		
P-1159/P-1160	N EOS / S EOS	9/13/15	2:51 PM	70	JR	92	12.0	835	835	23	CS		
P-1155/P-1160	E EOS / W EOS	9/13/15	2:54 PM	70	RR	94	12.0	830	830	59	TB	DF-391	
P-1160/P-1161	N EOS / S EOS	9/13/15	3:00 PM	70	JR	92	12.0	835	835	23	CS		
P-1155/P-1161	E EOS / W EOS	9/13/15	3:05 PM	70	RR	94	12.0	830	830	23	TB		
P-1159/P-1162	E EOS / W EOS	9/13/15	3:07 PM	70	JR	92	12.0	835	835	23	CS		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1160/P-1162	E EOS / W EOS	9/13/15	3:10 PM	70	JR	92	12.0	835	835	15	CS		
P-1162/P-1163	N EOS / S EOS	9/13/15	3:15 PM	70	RR	94	12.0	830	831	10	TB		
P-1163/P-1164	N EOS / S EOS	9/13/15	3:20 PM	70	RR	94	12.0	830	830	14	TB		
P-1160/P-1163	E EOS / W EOS	9/13/15	3:20 PM	70	JR	92	12.0	835	835	31	CS		
P-1160/P-1164	E EOS / W EOS	9/13/15	3:24 PM	70	JR	92	12.0	835	835	12	CS		
P-1161/P-1164	E EOS / W EOS	9/13/15	3:25 PM	70	JR	92	12.0	835	835	19	CS		
P-927/P-1159	E EOS / W EOS	9/13/15	3:35 PM	70	JR	92	12.0	835	835	10	CS		
P-927/P-1162	E EOS / W EOS	9/13/15	3:36 PM	70	JR	92	12.0	835	835	14	CS		
P-928/P-1162	E EOS / W EOS	9/13/15	3:37 PM	70	JR	92	12.0	835	835	24	CS		
P-929/P-1163	E EOS / W EOS	9/13/15	3:39 PM	70	JR	92	12.0	835	835	24	CS		
P-930/P-1163	E EOS / W EOS	9/13/15	3:45 PM	70	JR	92	12.0	835	835	9	CS		
P-698/P-1139	N EOS / S EOS	9/13/15	3:55 PM	70	RR	94	12.0	830	830	4	TB		
P-662/P-1139	N EOS / S EOS	9/13/15	3:55 PM	70	RR	94	12.0	830	830	14	TB		
P-903/P-1139	E EOS / W EOS	9/13/15	4:03 PM	68	RR	94	12.0	830	831	20	TB		
P-904/P-1139	E EOS / W EOS	9/13/15	4:05 PM	68	RR	94	12.0	830	830	18	TB		
P-905/P-1139	E EOS / W EOS	9/13/15	4:06 PM	68	RR	94	12.0	830	830	23	TB		
P-906/P-1139	E EOS / W EOS	9/13/15	4:07 PM	68	RR	94	12.0	830	830	4	CS		CAPPED
P-906/P-1138	E EOS / W EOS	9/13/15	4:09 PM	68	RR	94	12.0	830	830	15	CS		
P-906/P-1140	E EOS / W EOS	9/13/15	4:10 PM	68	RR	94	12.0	830	830	3	CS		CAPPED
P-907/P-1140	E EOS / W EOS	9/13/15	4:11 PM	68	RR	94	12.0	830	830	22	CS		
P-908/P-1140	E EOS / W EOS	9/13/15	4:13 PM	68	RR	94	12.0	830	830	22	CS		
P-909/P-1140	E EOS / W EOS	9/13/15	4:15 PM	68	RR	94	12.0	830	830	22	CS		
P-910/P-1135	E EOS / W EOS	9/13/15	4:58 PM	65	JR	92	12.0	835	835	8	CS		CAPPED D3100 - E EOS
P-911/P-1135	E EOS / W EOS	9/13/15	4:59 PM	65	JR	92	12.0	835	835	23	CS		
P-912/P-1135	E EOS / W EOS	9/13/15	5:04 PM	65	JR	92	12.0	835	835	23	CS		
P-913/P-1135	E EOS / W EOS	9/13/15	5:07 PM	65	JR	92	12.0	835	835	23	CS	DF-392	
P-914/P-1135	E EOS / W EOS	9/13/15	5:17 PM	65	JR	92	12.0	835	835	23	CS		
P-915/P-1135	E EOS / W EOS	9/13/15	5:25 PM	65	JR	92	12.0	835	835	23	CS		
P-916/P-1135	E EOS / W EOS	9/13/15	5:32 PM	65	JR	92	12.0	835	835	23	CS		
P-917/P-1135	E EOS / W EOS	9/13/15	5:33 PM	65	JR	92	12.0	835	835	23	CS		
P-918/P-1135	E EOS / W EOS	9/13/15	5:50 PM	65	JR	92	12.0	835	835	17	CS		
P-918/P-1157	E EOS / W EOS	9/13/15	5:55 PM	65	JR	92	12.0	835	835	5	CS		
P-919/P-1157	W EOS / E EOS	9/13/15	5:56 PM	65	JR	92	12.0	835	835	23	CS		
P-920/P-1157	W EOS / E EOS	9/13/15	6:07 PM	65	JR	92	12.0	835	835	23	CS		
P-921/P-1157	W EOS / E EOS	9/13/15	6:09 PM	65	JR	92	12.0	835	835	23	CS		
P-922/P-1157	W EOS / E EOS	9/13/15	Failed Seam (Capped)							7	CS		Repair D3092
P-922/P-1158	W EOS / E EOS	9/13/15	6:11 PM	65	JR	92	12.0	835	835	16	CS		
P-923/P-1158	W EOS / E EOS	9/13/15	6:12 PM	65	JR	92	12.0	835	835	23	CS		
P-924/P-1158	W EOS / E EOS	9/13/15	6:13 PM	65	JR	92	12.0	835	835	23	CS		
P-925/P-1158	W EOS / E EOS	9/13/15	6:14 PM	65	JR	92	12.0	835	835	19	CS		
P-925/P-1159	W EOS / E EOS	9/13/15	6:20 PM	65	JR	92	12.0	835	835	5	CS		
P-926/P-1159	W EOS / E EOS	9/13/15	6:21 PM	65	JR	92	12.0	835	835	23	CS		
P-662/P-1137	W EOS / E EOS	9/14/15	8:47 AM	52	JR	92	12.0	835	835	17	CS		
P-660/P-1137	N EOS / S EOS	9/14/15	9:00 AM	52	JR	92	12.0	835	835	20	CS		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-660/P-1135	N EOS / S EOS	9/14/15	Failed Seam (Capped)							2	CS		Repair D3103
P-655/P-1135	N EOS / S EOS	9/14/15	9:04 AM	52	JR	92	12.0	835	835	17	CS		
P-655/P-1136	N EOS / S EOS	9/14/15	9:05 AM	52	JR	92	12.0	835	835	5	CS		
P-654/P-1136	N EOS / S EOS	9/14/15	9:06 AM	52	JR	92	12.0	835	835	17	CS		
P-654/P-1147	W EOS / E EOS	9/14/15	9:24 AM	55	JR	92	12.0	835	835	12	CS		
P-653/P-1147	N EOS / S EOS	9/14/15	9:34 AM	55	JR	92	12.0	835	835	17	CS		
P-653/P-1141	N EOS / S EOS	9/14/15	9:37 AM	55	JR	92	12.0	835	835	6	CS		
P-652/P-1141	N EOS / S EOS	9/14/15	9:43 AM	55	JR	92	12.0	835	835	15	CS		
P-652/P-1144	N EOS / S EOS	9/14/15	9:45 AM	55	JR	92	12.0	835	835	6	CS		
P-661/P-1144	N EOS / S EOS	9/14/15	9:47 AM	55	JR	92	12.0	835	835	11	CS	DF-393	
P-1134/P-1165	N EOS / S EOS	9/15/15	8:56 AM	55	RR	84	12.0	830	830	248	TB	DF-394	
P-1165/P-1166	N EOS / S EOS	9/16/15	7:45 AM	48	RR	94	12.0	830	830	248	JR		
P-1166/P-1167	N EOS / S EOS	9/16/15	7:51 AM	50	JC	92	12.0	835	835	344	JB	DF-395	
P-1167/P-1168	N EOS / S EOS	9/16/15	8:33 AM	50	RR	94	12.0	830	829	345	JR	DF-396	
P-1168/P-1169	N EOS / S EOS	9/16/15	9:03 AM	52	JC	92	12.0	835	835	178	JB		
P-1168/P-1170	N EOS / S EOS	9/16/15	9:33 AM	54	RR	94	12.0	830	830	177	JR		
P-1169/P-1170	N EOS / S EOS	9/16/15	9:48 AM	54	RR	94	12.0	830	831	175	JR		
P-1170/P-1171	N EOS / S EOS	9/16/15	10:00 AM	55	JC	92	12.0	835	834	370	JB	DF-397	
P-1171/P-1172	N EOS / S EOS	9/16/15	10:33 AM	58	RR	94	12.0	830	830	348	JR	DF-398	
P-1172/P-1173	N EOS / S EOS	9/16/15	11:20 AM	60	JC	92	12.0	835	835	372	JB		
P-1173/P-1174	N EOS / S EOS	9/16/15	11:52 AM	58	RR	94	12.0	830	830	373	JR	DF-399	
P-1174/P-1175	N EOS / S EOS	9/16/15	12:25 PM	61	JC	92	12.0	835	834	380	JB	DF-400	
P-1169/P-1176	W EOS / E EOS	9/16/15	12:48 PM	60	RR	94	12.0	830	831	19	JR		
P-1170/P-1176	N EOS / S EOS	9/16/15	12:53 PM	60	RR	94	12.0	830	829	14	JR		
P-1166/P-1179	N EOS / S EOS	9/16/15	2:35 PM	64	JC	92	12.0	835	834	22	JB		
P-1166/P-1178	N EOS / S EOS	9/16/15	2:40 PM	64	JC	92	12.0	835	834	23	JB		
P-1166/P-1177	N EOS / S EOS	9/16/15	2:45 PM	64	JC	92	12.0	835	835	23	JB		
P-1165/P-1179	E EOS / W EOS	9/16/15	2:52 PM	64	JC	92	12.0	835	835	9	JB		
P-931/P-1179	N EOS / S EOS	9/16/15	2:55 PM	64	JC	92	12.0	835	835	22	JB		
P-931/P-1178	N EOS / S EOS	9/16/15	2:57 PM	65	JC	92	12.0	835	833	2	JB		
P-1164/P-1178	N EOS / S EOS	9/16/15	2:58 PM	65	JC	92	12.0	835	833	21	JB		
P-1161/P-1177	N EOS / S EOS	9/16/15	3:06 PM	65	JC	92	12.0	835	835	23	JC		
P-1155/P-1166	N EOS / S EOS	9/16/15	3:10 PM	65	JC	92	12.0	835	834	24	JC	DF-401	
P-1155/P-1177	W EOS / E EOS	9/16/15	3:12 PM	65	JC	92	12.0	835	836	3	JC		
P-1178/P-1179	S EOS / N EOS	9/16/15	3:13 PM	65	JC	92	12.0	835	835	6	JC		
P-1177/P-1178	W EOS / E EOS	9/16/15	3:15 PM	65	JC	92	12.0	835	835	3	JC		
P-1175/P-1180	N EOS / S EOS	9/17/15	7:52 AM	55	RR	94	12.0	830	830	377	RR	DF-402	
P-1180/P-1181	N EOS / S EOS	9/17/15	8:10 AM	55	JR	92	12.0	835	836	378	AF		
P-1181/P-1182	N EOS / S EOS	9/17/15	8:53 AM	58	RR	94	12.0	830	830	378	RR	DF-403	
P-1182/P-1183	N EOS / S EOS	9/17/15	9:11 AM	58	JR	92	12.0	835	835	378	AF	DF-404	
P-1183/P-1184	N EOS / S EOS	9/17/15	9:58 AM	58	RR	94	12.0	830	831	378	RR		
P-1184/P-1185	N EOS / S EOS	9/17/15	10:26 AM	58	JR	92	12.0	835	834	378	AF	DF-405	
P-1185/P-1186	N EOS / S EOS	9/17/15	11:01 AM	60	RR	94	12.0	830	829	377	RR	DF-406	
P-1186/P-1187	N EOS / S EOS	9/17/15	11:44 AM	60	JR	92	12.0	835	835	378	AF	DF-407	

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1187/P-1188	N EOS / S EOS	9/17/15	1:33 PM	66	RR	94	12.0	830	830	376	RR	DF-408	
P-1188/P-1189	N EOS / S EOS	9/17/15	2:15 PM	66	JR	92	12.0	835	835	379	AF		
P-1189/P-1190	N EOS / S EOS	9/17/15	2:53 PM	72	RR	94	12.0	830	831	378	RR	DF-409	
P-1190/P-1191	N EOS / S EOS	9/17/15	3:41 PM	66	JR	92	12.0	835	835	379	AF	DF-410	
P-1191/P-1192	N EOS / S EOS	9/17/15	4:24 PM	68	RR	94	12.0	830	830	380	RR	DF-411	
P-1193/P-1194	N EOS / S EOS	9/18/15	9:01 AM	54	JR	92	12.0	835	835	379	AF	DF-412	
P-1195/P-1196	N EOS / S EOS	9/18/15	10:05 AM	57	JR	92	12.0	835	835	379	AF	DF-414	
P-1197/P-1198	N EOS / S EOS	9/18/15	11:06 AM	63	JR	92	12.0	835	834	378	AF	DF-416	
P-1199/P-1200	N EOS / S EOS	9/18/15	12:10 PM	63	JR	92	12.0	835	835	380	AF		
P-1192/P-1193	N EOS / S EOS	9/18/15	8:24 AM	52	RR	94	12.0	830	830	382	JR		
P-1194/P-1195	N EOS / S EOS	9/18/15	9:29 AM	56	RR	94	12.0	830	829	381	JR	DF-413	
P-1196/P-1197	N EOS / S EOS	9/18/15	10:42 AM	63	RR	94	12.0	830	831	378	JR	DF-415	
P-1198/P-1199	N EOS / S EOS	9/18/15	11:39 AM	63	RR	94	12.0	830	831	379	JR	DF-417	
P-441/P-1180	W EOS / E EOS	9/18/15	2:45 PM	66	RR	94	12.0	830	830	23	JR		
P-441/P-1175	W EOS / E EOS	9/18/15	2:50 PM	66	RR	94	12.0	830	831	22	JR		
P-441/P-1174	W EOS / E EOS	9/18/15	11:55 AM	66	RR	94	12.0	830	829	21	JR		
P-442/P-1174	W EOS / E EOS	9/18/15	1:00 PM	66	RR	94	12.0	830	830	2	JR		
P-442/P-1173	W EOS / E EOS	9/18/15	3:03 PM	66	RR	94	12.0	830	831	2	JR		
P-440/P-1173	W EOS / E EOS	9/18/15	3:05 PM	66	RR	94	12.0	830	830	21	JR		
P-440/P-1172	W EOS / E EOS	9/18/15	3:10 PM	66	RR	94	12.0	830	829	23	JR		
P-440/P-1171	W EOS / E EOS	9/18/15	3:15 PM	66	RR	94	12.0	830	831	24	JR		
P-440/P-1170	W EOS / E EOS	9/18/15	3:20 PM	62	EM	94	12.0	830	830	14	JR		
P-1186/P-1201	W EOS / E EOS	9/18/15	3:30 PM	62	EM	94	12.0	830	829	23	JR		
P-1185/P-1201	W EOS / E EOS	9/18/15	3:35 PM	62	EM	94	12.0	830	831	22	JR		
P-1184/P-1201	W EOS / E EOS	9/18/15	3:38 PM	62	EM	94	12.0	830	830	23	JR		
P-1183/P-1201	W EOS / E EOS	9/18/15	3:41 PM	62	EM	94	12.0	830	831	22	JR		
P-1182/P-1201	W EOS / E EOS	9/18/15	3:45 PM	62	EM	94	12.0	830	829	23	JR		
P-1181/P-1201	W EOS / E EOS	9/18/15	3:47 PM	62	EM	94	12.0	830	830	22	JR		
P-466/P-1201	W EOS / E EOS	9/18/15	3:50 PM	60	EM	94	12.0	830	829	37	JR		
P-439/P-1201	W EOS / E EOS	9/18/15	3:56 PM	60	EM	94	12.0	830	831	59	JR		
P-463/P-1201	W EOS / E EOS	9/18/15	4:02 PM	60	EM	94	12.0	830	830	21	JR	DF-418	
P-441/P-1201	W EOS / E EOS	9/18/15	4:05 PM	60	EM	94	12.0	830	830	16	JR		
P-1201/P-1202	N EOS / S EOS	9/18/15	4:10 PM	60	EM	94	12.0	830	831	23	JR		
P-465/P-1202	W EOS / E EOS	9/18/15	2:16 PM	60	EM	94	12.0	830	830	8	JR		
P-461/P-1202	W EOS / E EOS	9/18/15	2:20 PM	60	EM	94	12.0	830	830	66	JR		
P-460/P-1202	W EOS / E EOS	9/18/15	4:25 PM	60	EM	94	12.0	830	831	15	JR		
P-466/P-1202	W EOS / E EOS	9/18/15	4:29 PM	60	EM	94	12.0	830	830	18	JR		
P-1202/P-1203	N EOS / S EOS	9/18/15	4:35 PM	60	EM	94	12.0	830	830	23	JR		
P-1202/P-1204	W EOS / E EOS	9/18/15	5:05 PM	60	EM	94	12.0	830	829	93	JR		
P-1203/P-1205	N EOS / S EOS	9/18/15	5:29 PM	60	EM	94	12.0	830	830	23	JR		
P-478/P-1205	W EOS / E EOS	9/18/15	5:40 PM	53	EM	94	12.0	830	831	6	JR		
P-477/P-1205	W EOS / E EOS	9/18/15	5:43 PM	53	EM	94	12.0	830	830	24	JR		
P-474/P-1205	W EOS / E EOS	9/18/15	5:45 PM	53	EM	94	12.0	830	829	23	JR		
P-473/P-1205	W EOS / E EOS	9/18/15	5:47 PM	53	EM	94	12.0	830	831	23	JR		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-471/P-1205	W EOS / E EOS	9/18/15	5:50 PM	53	EM	94	12.0	830	830	19	JR		
P-1205/P-1206	W EOS / E EOS	9/18/15	6:00 PM	52	EM	94	12.0	830	830	40	JR		
P-1203/P-1206	W EOS / E EOS	9/18/15	6:05 PM	52	EM	94	12.0	830	831	71	JR	DF-419	
P-1202/P-1205	W EOS / E EOS	9/18/15	6:10 PM	52	EM	94	12.0	830	829	12	JR		
P-1205/P-1207	N EOS / S EOS	9/18/15	6:25 PM	52	EM	94	12.0	830	830	23	JR		
P-480/P-1207	W EOS / E EOS	9/18/15	6:30 PM	50	EM	94	12.0	830	831	19	JR		
P-479/P-1207	W EOS / E EOS	9/18/15	6:34 PM	50	EM	94	12.0	830	829	23	JR		
P-478/P-1207	W EOS / E EOS	9/18/15	6:37 PM	50	EM	94	12.0	830	830	18	JR		
P-1206/P-1208	N EOS / S EOS	9/18/15	6:41 PM	50	EM	94	12.0	830	830	23	JR		
P-1207/P-1208	W EOS / E EOS	9/18/15	6:50 PM	48	EM	94	12.0	830	831	41	JR		
P-1205/P-1208	W EOS / E EOS	9/18/15	6:55 PM	48	EM	94	12.0	830	830	54	JR		
P-1204/P-1206	N EOS / S EOS	9/18/15	7:01 PM	46	EM	94	12.0	830	830	20	JR		
P-1208/P-1211	W EOS / E EOS	9/18/15	7:30 PM	46	EM	94	12.0	830	830	54	JR		
P-1210/P-1211	N EOS / S EOS	9/18/15	7:20 PM	48	EM	94	12.0	830	830	17	JR		
P-1208/P-1210	W EOS / E EOS	9/18/15	7:35 PM	48	EM	94	12.0	830	830	43	JR		
P-1206/P-1210	W EOS / E EOS	9/18/15	7:10 PM	48	EM	94	12.0	830	830	37	JR		
P-1206/P-1209	W EOS / E EOS	9/18/15	7:45 PM	48	EM	94	12.0	830	831	80	JR		
P-1209/P-1210	N EOS / S EOS	9/18/15	7:17 PM	48	EM	94	12.0	830	829	11	JR		
P-471/P-1203	W EOS / E EOS	9/18/15	4:40 PM	52	EM	94	12.0	830	830	6	JR	DF-424	
P-475/P-1203	W EOS / E EOS	9/18/15	4:45 PM	52	EM	94	12.0	830	830	9	JR		
P-462/P-1203	W EOS / E EOS	9/18/15	4:50 PM	52	EM	94	12.0	830	831	26	JR		
P-465/P-1203	W EOS / E EOS	9/18/15	5:00 PM	52	EM	94	12.0	830	830	30	JR		
P-1200/P-1212	N EOS / S EOS	9/19/15	8:19 AM	43	JR	92	12.0	835	835	377	AF	DF-420	
P-1212/P-1213	N EOS / S EOS	9/19/15	9:15 AM	52	RR	94	12.0	830	829	378	JR	DF-421	
P-1213/P-1214	N EOS / S EOS	9/19/15	9:29 AM	52	RR	94	12.0	830	830	289	JR	DF-422	
P-1214/P-1215	N EOS / S EOS	9/19/15	9:40 AM	53	JR	92	12.0	835	834	290	AF	DF-423	
P-1215/P-1216	N EOS / S EOS	9/19/15	10:07 AM	54	RR	94	12.0	830	830	293	JR		
P-1217/P-1218	E EOS / W EOS	9/19/15	10:27 AM	54	JR	92	12.0	835	836	23	AF		
P-1218/P-1219	E EOS / W EOS	9/19/15	10:42 AM	55	JR	92	12.0	835	835	23	AF		
P-1216/P-1219	N EOS / S EOS	9/19/15	10:50 AM	55	RR	94	12.0	830	831	74	JR	DF-425	
P-1216/P-1218	N EOS / S EOS	9/19/15	10:58 AM	56	RR	94	12.0	830	830	88	JR		
P-1216/P-1217	N EOS / S EOS	9/19/15	11:07 AM	58	RR	94	12.0	830	830	83	JR		
P-1219/P-1221	N EOS / S EOS	9/19/15	11:16 AM	59	JR	92	12.0	835	835	80	AF		
P-1217/P-1220	E EOS / W EOS	9/19/15	11:18 AM	58	RR	94	12.0	830	831	22.5	JR		
P-1218/P-1221	N EOS / S EOS	9/19/15	11:25 AM	60	JR	92	12.0	835	834	90	AF		
P-1216/P-1220	N EOS / S EOS	9/19/15	11:26 AM	59	RR	94	12.0	830	830	53	JR		
P-1217/P-1221	N EOS / S EOS	9/19/15	11:34 AM	60	JR	92	12.0	835	836	82	AF		
P-1220/P-1221	N EOS / S EOS	9/19/15	11:42 AM	62	JR	92	12.0	835	835	55	AF		
P-1200/P-1211	W EOS / E EOS	9/19/15	1:18 PM	64	RR	94	12.0	830	831	22.5	JR		
P-1199/P-1211	W EOS / E EOS	9/19/15	1:21 PM	64	RR	94	12.0	830	829	22.5	JR		
P-1198/P-1211	W EOS / E EOS	9/19/15	1:23 PM	64	RR	94	12.0	830	831	9	JR		
P-1198/P-1210	W EOS / E EOS	9/19/15	1:24 PM	64	RR	94	12.0	830	831	13	JR		
P-1197/P-1210	W EOS / E EOS	9/19/15	1:25 PM	64	RR	94	12.0	830	830	23	JR		
P-1196/P-1210	W EOS / E EOS	9/19/15	1:26 PM	64	RR	94	12.0	830	830	23	JR		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1195/P-1210	W EOS / E EOS	9/19/15	1:28 PM	64	RR	94	12.0	830	831	23	JR		
P-1194/P-1209	W EOS / E EOS	9/19/15	1:30 PM	64	RR	94	12.0	830	830	23	JR		
P-1193/P-1209	W EOS / E EOS	9/19/15	1:32 PM	64	RR	94	12.0	830	830	23	JR		
P-1192/P-1209	W EOS / E EOS	9/19/15	1:34 PM	64	RR	94	12.0	830	829	23	JR		
P-1191/P-1209	W EOS / E EOS	9/19/15	1:37 PM	64	RR	94	12.0	830	831	8	JR		
P-1191/P-1206	W EOS / E EOS	9/19/15	1:38 PM	64	RR	94	12.0	830	830	16	JR		
P-1190/P-1204	W EOS / E EOS	9/19/15	1:39 PM	64	RR	94	12.0	830	829	23	JR		
P-1189/P-1204	W EOS / E EOS	9/19/15	1:40 PM	64	RR	94	12.0	830	830	23	JR		
P-1188/P-1204	W EOS / E EOS	9/19/15	1:45 PM	64	RR	94	12.0	830	830	23	JR		
P-1187/P-1204	W EOS / E EOS	9/19/15	1:47 PM	64	RR	94	12.0	830	831	23	JR		
P-1186/P-1204	N EOS / S EOS	9/19/15	1:49 PM	64	RR	94	12.0	830	830	5	JR		
P-1211/P-1222	N EOS / S EOS	9/19/15	2:59 PM	64	RR	94	12.0	830	830	17	JR		
P-1208/P-1222	N EOS / S EOS	9/19/15	3:01 PM	64	RR	94	12.0	830	831	23	JR		
P-1207/P-1222	E EOS / W EOS	9/19/15	3:03 PM	64	RR	94	12.0	830	830	23	JR		
P-1222/P-1223	N EOS / S EOS	9/19/15	3:12 PM	64	RR	94	12.0	830	830	45	JR		
P-1207/P-1223	N EOS / S EOS	9/19/15	3:16 PM	64	RR	94	12.0	830	829	23	JR		
P-589/P-1223	W EOS / E EOS	9/19/15	3:32 PM	64	RR	94	12.0	830	831	18	JR		
P-588/P-1223	W EOS / E EOS	9/19/15	Failed Seam (Capped)							6	JR		
P-1213/P-1223	W EOS / E EOS	9/19/15	3:37 PM	64	RR	94	12.0	830	830	23	JR		
P-1212/P-1222	W EOS / E EOS	9/19/15	3:39 PM	64	RR	94	12.0	830	830	23	JR		
P-1200/P-1222	N EOS / S EOS	9/19/15	3:48 PM	64	RR	94	12.0	830	831	4	JR		
P-1221/P-1224	N EOS / S EOS	9/21/15	8:43 AM	55	RR	94	12.0	830	830	247	JR	DF-427	
P-1225/P-1226	E EOS / W EOS	9/21/15	9:09 AM	60	RR	94	12.0	830	830	23	JR		
P-1226/P-1227	E EOS / W EOS	9/21/15	9:03 AM	66	JR	92	12.0	835	836	23	AF		
P-1224/P-1227	N EOS / S EOS	9/21/15	9:09 AM	67	JR	92	12.0	835	834	57	AF		
P-1224/P-1226	N EOS / S EOS	9/21/15	9:21 AM	68	JR	92	12.0	835	835	125	AF		
P-1227/P-1228	N EOS / S EOS	9/21/15	9:23 AM	64	RR	94	12.0	830	831	59	JR		
P-1226/P-1228	N EOS / S EOS	9/21/15	9:31 AM	64	RR	94	12.0	830	830	125	JR		
P-1224/P-1225	N EOS / S EOS	9/21/15	9:31 AM	68	JR	92	12.0	835	834	35	AF		
P-1229/P-1230	E EOS / W EOS	9/21/15	9:37 AM	69	JR	92	12.0	835	835	23	AF		
P-1228/P-1230	N EOS / S EOS	9/21/15	9:41 AM	69	JR	92	12.0	835	835	120	AF		
P-1228/P-1229	N EOS / S EOS	9/21/15	9:55 AM	70	JR	92	12.0	835	836	34	AF		
P-1230/P-1231	N EOS / S EOS	9/21/15	9:55 AM	64	RR	94	12.0	830	831	125	JR		
P-1231/P-1232	N EOS / S EOS	9/21/15	10:13 AM	71	JR	92	12.0	835	835	103	AF		
P-1232/P-1233	N EOS / S EOS	9/21/15	10:24 AM	65	RR	94	12.0	830	829	87	JR	DF-430	
P-1233/P-1234	N EOS / S EOS	9/21/15	10:31 AM	73	JR	92	12.0	835	834	64	AF		
P-1234/P-1235	N EOS / S EOS	9/21/15	10:40 AM	73	RR	94	12.0	830	830	32	JR		
P-1237/P-1238	N EOS / S EOS	9/21/15	11:22 AM	75	JR	92	12.0	835	835	23	AF		
P-1236/P-1237	E EOS / W EOS	9/21/15	11:28 AM	75	RR	94	12.0	830	830	22	JR		
P-1236/P-1238	E EOS / W EOS	9/21/15	11:31 AM	75	RR	94	12.0	830	830	124	JR		
P-1238/P-1239	E EOS / W EOS	9/21/15	11:40 AM	77	JR	92	12.0	835	836	77	AF		
P-1240/P-1241	N EOS / S EOS	9/23/15	3:10 PM	67	RR	94	12.0	830	831	23	AF		
P-1241/P-1242	N EOS / S EOS	9/23/15	3:17 PM	68	RR	94	12.0	830	830	23	AF		
P-1242/P-1243	N EOS / S EOS	9/23/15	3:29 PM	67	RR	94	12.0	830	831	23	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION FROM / TO	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	SPEED SETTING	MACHINE TEMPERATURE		WELDED SEAM LENGTH (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	REMARKS
								SETTING (°F)	ACTUAL (°F)				
P-1243/P-1244	N EOS / S EOS	9/23/15	3:32 PM	67	RR	94	12.0	830	830	23	AF		
P-1245/P-1246	N EOS / S EOS	9/23/15	3:40 PM	66	RR	94	12.0	830	830	23	AF		
P-1246/P-1247	N EOS / S EOS	9/23/15	3:46 PM	65	RR	94	12.0	830	829	23	AF		
P-1240/P-1245	E EOS / W EOS	9/23/15	3:53 PM	64	JR	92	12.0	835	834	71	AF		
P-1247/P-1248	N EOS / S EOS	9/23/15	3:55 PM	64	RR	94	12.0	830	830	23	AF		
P-1248/P-1249	N EOS / S EOS	9/23/15	4:00 PM	63	RR	94	12.0	830	830	23	AF		
P-1240/P-1246	E EOS / W EOS	9/23/15	4:01 PM	64	JR	92	12.0	835	835	8	AF		
P-1241/P-1246	E EOS / W EOS	9/23/15	4:02 PM	63	JR	92	12.0	835	835	55	AF		
P-1241/P-1247	E EOS / W EOS	9/23/15	4:07 PM	63	JR	92	12.0	835	836	17	AF		
P-1242/P-1247	E EOS / W EOS	9/23/15	4:09 PM	63	JR	92	12.0	835	835	49	AF		
P-1243/P-1247	E EOS / W EOS	9/23/15	4:14 PM	62	JR	92	12.0	835	835	5	AF		
P-1243/P-1248	E EOS / W EOS	9/23/15	4:14 PM	62	JR	92	12.0	835	835	47	AF		
P-1249/P-1250	N EOS / S EOS	9/23/15	4:16 PM	62	RR	94	12.0	830	830	23	AF		
P-1243/P-1249	E EOS / W EOS	9/23/15	4:19 PM	62	JR	92	12.0	835	834	10	AF		
P-1244/P-1249	E EOS / W EOS	9/23/15	4:20 PM	62	JR	92	12.0	835	835	35	AF		
P-1244/P-1250	E EOS / W EOS	9/23/15	4:26 PM	62	JR	92	12.0	835	835	28	AF		
P-1244/P-1251	N EOS / S EOS	9/23/15	4:26 PM	62	RR	94	12.0	830	831	23	AF		
P-1250/P-1251	E EOS / W EOS	9/23/15	4:30 PM	62	JR	92	12.0	835	835	11	AF		
P-602/P-1251	W EOS / E EOS	9/23/15	4:41 PM	62	RR	94	12.0	830	830	12	AF		
P-601/P-1251	W EOS / E EOS	9/23/15	4:43 PM	62	RR	94	12.0	830	830	2	AF		
P-601/P-1244	W EOS / E EOS	9/23/15	4:43 PM	62	RR	94	12.0	830	830	21	AF		
P-600/P-1244	W EOS / E EOS	9/23/15	4:45 PM	62	RR	94	12.0	830	831	23	AF		
P-599/P-1244	W EOS / E EOS	9/23/15	4:48 PM	62	RR	94	12.0	830	830	20	AF		
P-599/P-1243	W EOS / E EOS	9/23/15	Failed Seam (Capped)							2	AF		Repair D3338
P-598/P-1243	W EOS / E EOS	9/23/15	4:50 PM	62	RR	94	12.0	830	830	23	AF		
P-597/P-1243	W EOS / E EOS	9/23/15	4:54 PM	62	RR	94	12.0	830	830	23	AF		
P-596/P-1243	W EOS / E EOS	9/23/15	4:56 PM	62	RR	94	12.0	830	829	14	AF		
P-596/P-1242	W EOS / E EOS	9/23/15	4:58 PM	62	RR	94	12.0	830	830	9	AF		
P-595/P-1242	W EOS / E EOS	9/23/15	4:59 PM	62	RR	94	12.0	830	830	23	AF		
P-594/P-1242	W EOS / E EOS	9/23/15	5:00 PM	62	RR	94	12.0	830	830	19	AF		
P-594/P-1241	W EOS / E EOS	9/23/15	5:02 PM	62	RR	94	12.0	830	829	2	AF		
P-593/P-1241	W EOS / E EOS	9/23/15	5:02 PM	62	RR	94	12.0	830	830	26	AF		
P-592/P-1241	W EOS / E EOS	9/23/15	5:05 PM	62	RR	94	12.0	830	830	26	AF		
P-591/P-1241	W EOS / E EOS	9/23/15	5:16 PM	62	RR	94	12.0	830	830	18	AF		
P-591/P-1240	W EOS / E EOS	9/23/15	5:17 PM	62	RR	94	12.0	830	831	9	AF		
P-590/P-1240	W EOS / E EOS	9/23/15	5:18 PM	61	RR	94	12.0	830	830	27	AF		
P-589/P-1240	W EOS / E EOS	9/23/15	5:20 PM	61	RR	94	12.0	830	830	28	AF		
P-588/P-1240	W EOS / E EOS	9/23/15	5:24 PM	61	RR	94	12.0	830	830	9	AF		
P-1223/P-1245	W EOS / E EOS	9/23/15	5:51 PM	61	RR	94	12.0	830	830	23	AF		

Acronyms: EOS-End of Seam / N, E, S, W-Cardinal Directions

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Extrusion Welds

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-1/P-145*	N EOS / S EOS	10/08/14	2:52 PM	63	LD	116	540	500	500	22.5	CS		Covered by C-2
P-2/P-144*	N EOS / S EOS	10/08/14	3:03 PM	63	LD	116	540	500	500	22.5	CS		Covered by C-3
P-5/P-143*	N EOS / S EOS	10/08/14	3:45 PM	63	LD	116	540	500	500	22.5	CS		Covered by C-4
P-6/P-141*	N EOS / S EOS	10/08/14	4:00 PM	63	LD	116	540	500	500	22.5	CS	See C-6/P-140*	Covered by C-5
P-7/P-148*	N EOS / S EOS	10/08/14	5:05 PM	56	LD	116	540	500	500	22.5	CS		Covered by C-1
P-10/P-140*	N EOS / S EOS	10/08/14	6:20 PM	56	LD	116	540	500	500	22.5	CS		Covered by C-6
P-14/P-152*	N EOS / S EOS	10/21/14	2:21 PM	57	LD	116	520	500	500	22.5	BM		PASS
P-12/P-151*	N EOS / S EOS	10/21/14	2:28 PM	57	LD	116	520	500	500	22.5	BM		PASS
P-11/P-149*	N EOS / S EOS	10/21/14	2:48 PM	57	LD	116	520	500	500	22.5	BM		PASS
P-17/P-155*	N EOS / S EOS	10/21/14	3:16 PM	52	LD	116	520	500	500	22.5	BM		PASS
P-16/P-154*	N EOS / S EOS	10/21/14	3:30 PM	52	LD	116	520	500	500	22.5	BM		PASS
P-20/P-157*	N EOS / S EOS	10/21/14	4:15 PM	52	LD	116	520	500	500	22.5	BM		PASS
P-18/P-156*	N EOS / S EOS	10/21/14	4:22 PM	52	LD	116	520	500	500	22.5	BM		PASS
P-23/P-159*	N EOS / S EOS	10/21/14	4:54 PM	52	LD	116	520	500	500	22.5	BM		PASS
P-22/P-158*	N EOS / S EOS	10/21/14	5:01 PM	52	LD	116	520	500	500	22.5	BM	DX-2	PASS
P-22/P-159*	N EOS / S EOS	10/21/14	5:05 PM	52	LD	116	520	500	500	3	BM		PASS
P-25/P-160*	N EOS / S EOS	10/24/14	3:40 PM	65	LD	001	540	520	500	22.5	AF		PASS
P-25/P-161*	N EOS / S EOS	10/24/14	3:45 PM	65	LD	001	540	520	500	3	AF		PASS
P-27/P-161*	N EOS / S EOS	10/24/14	3:50 PM	65	LD	001	540	520	500	20	AF		PASS
P-27/P-162*	N EOS / S EOS	10/24/14	3:59 PM	65	LD	001	540	520	500	4	AF		PASS
P-28/P-162*	N EOS / S EOS	10/24/14	4:01 PM	65	LD	001	540	520	500	19	AF		PASS
P-28/P-163*	N EOS / S EOS	10/24/14	4:11 PM	65	LD	001	540	520	500	4	AF		PASS
P-29/P-163*	N EOS / S EOS	10/24/14	4:15 PM	65	LD	001	540	520	500	18.5	AF		PASS
P-29/P-164*	N EOS / S EOS	10/24/14	4:25 PM	65	LD	001	540	520	500	5	AF	DX-3	PASS
P-33/P-164*	N EOS / S EOS	10/24/14	4:28 PM	65	LD	001	540	520	500	17.5	AF		PASS
P-33/P-165*	N EOS / S EOS	10/24/14	4:38 PM	65	LD	001	540	520	500	5.5	AF		PASS
P-34/P-165*	N EOS / S EOS	10/24/14	4:41 PM	65	LD	001	540	520	500	17	AF		PASS
P-34/P-166*	N EOS / S EOS	10/24/14	5:17 PM	66	LD	001	540	520	500	5.5	AF		PASS
P-54/P-175*	N EOS / S EOS	10/27/14	8:43 AM	43	LD	001	550	552	500	4	NA		PASS
P-54/P-174*	N EOS / S EOS	10/27/14	8:45 AM	43	LD	001	550	550	500	17	NA		PASS
P-52/P-174*	N EOS / S EOS	10/27/14	8:54 AM	43	LD	001	550	553	500	5	NA		PASS
P-52/P-173*	N EOS / S EOS	10/27/14	8:59 AM	43	LD	001	550	551	500	17	NA		PASS
P-49/P-173*	N EOS / S EOS	10/27/14	9:05 AM	44	LD	001	550	552	500	5	NA		PASS
P-49/P-172*	N EOS / S EOS	10/27/14	9:14 AM	44	LD	001	550	550	500	17	NA		PASS
P-48/P-172*	N EOS / S EOS	10/27/14	9:23 AM	44	LD	001	550	552	500	6	NA		PASS
P-48/P-171*	N EOS / S EOS	10/27/14	9:28 AM	44	LD	001	550	552	500	16	NA		PASS
P-47/P-171*	N EOS / S EOS	10/27/14	9:40 AM	44	LD	001	550	551	500	6	NA		PASS
P-47/P-170*	N EOS / S EOS	10/27/14	9:48 AM	45	LD	001	550	552	500	16	NA		PASS
P-46/P-170*	N EOS / S EOS	10/27/14	9:54 AM	45	LD	001	550	549	500	6	NA		PASS
P-46/P-169*	N EOS / S EOS	10/27/14	10:01 AM	45	LD	001	550	550	500	16	NA		PASS
P-39/P-169*	N EOS / S EOS	10/27/14	10:11 AM	45	LD	001	550	552	500	6	SW		PASS
P-39/P-168*	N EOS / S EOS	10/27/14	10:30 AM	46	LD	001	550	550	500	16	SW		PASS
P-38/P-168*	N EOS / S EOS	10/27/14	10:41 AM	46	LD	001	550	550	500	6	SW		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-38/P-167*	N EOS / S EOS	10/27/14	10:45 AM	46	LD	001	550	551	500	16	SW		PASS
P-37/P-167*	N EOS / S EOS	10/27/14	10:55 AM	46	LD	001	550	550	500	5	SW		PASS
P-37/P-166*	N EOS / S EOS	10/27/14	11:00 AM	46	LD	001	550	553	500	17	SW	DX-4	PASS
P-58/P-177*	N EOS / S EOS	10/27/14	3:16 PM	43	LD	001	550	551	500	16	SW		PASS
P-56/P-177*	N EOS / S EOS	10/27/14	3:23 PM	43	LD	001	550	552	500	5	SW		PASS
P-56/P-176*	N EOS / S EOS	10/27/14	3:28 PM	43	LD	001	550	551	500	17	SW		PASS
P-55/P-176*	N EOS / S EOS	10/27/14	3:42 PM	43	LD	001	550	551	500	5	SW		PASS
P-55/P-175*	N EOS / S EOS	10/27/14	3:47 PM	43	LD	001	550	550	500	17	SW		PASS
P-58/P-179*	N EOS / S EOS	10/27/14	3:16 PM	45	LD	001	550	550	500	7	DW		PASS
P-60/P-179*	N EOS / S EOS	10/27/14	3:30 PM	45	LD	001	550	550	500	16	DW		PASS
P-60/P-180*	N EOS / S EOS	10/27/14	3:30 PM	45	LD	001	550	550	500	6	DW		PASS
P-61/P-180*	N EOS / S EOS	10/27/14	4:20 PM	45	LD	001	550	550	500	17	DW		PASS
P-61/P-181*	N EOS / S EOS	10/27/14	4:20 PM	45	LD	001	550	550	500	6	DW		PASS
P-64/P-183*	N EOS / S EOS	10/29/14	11:25 AM	46	LD	116	540	544	500	5	NA		PASS
P-64/P-182*	N EOS / S EOS	10/29/14	11:30 AM	46	LD	116	540	538	500	18	NA		PASS
P-63/P-182*	N EOS / S EOS	10/29/14	11:37 AM	46	LD	116	540	540	500	6	NA		PASS
P-63/P-181*	N EOS / S EOS	10/29/14	11:40 AM	46	LD	116	540	541	500	17	NA		PASS
P-70/P-186*	N EOS / S EOS	10/29/14	2:51 PM	51	LD	116	540	542	500	5	NA		PASS
P-70/P-185*	N EOS / S EOS	10/29/14	2:55 PM	51	LD	116	580	578	500	17	NA		PASS
P-69/P-185*	N EOS / S EOS	10/29/14	2:58 PM	51	LD	116	580	577	500	5	NA		PASS
P-69/P-184*	N EOS / S EOS	10/29/14	3:01 PM	51	LD	116	580	581	500	17	NA		PASS
P-66/P-184*	N EOS / S EOS	10/29/14	3:05 PM	51	LD	116	580	580	500	5	NA		PASS
P-66/P-183*	N EOS / S EOS	10/29/14	3:10 PM	51	LD	116	580	576	500	18	NA		PASS
P-74/P-189*	N EOS / S EOS	10/29/14	4:25 PM	50	LD	116	580	580	500	5	NA		PASS
P-74/P-188*	N EOS / S EOS	10/29/14	4:27 PM	50	LD	116	580	584	500	18	NA		PASS
P-72/P-188*	N EOS / S EOS	10/29/14	4:35 PM	50	LD	116	580	583	500	5	NA		PASS
P-72/P-187*	N EOS / S EOS	10/29/14	4:37 PM	50	LD	116	580	584	500	18	NA		PASS
P-71/P-187*	N EOS / S EOS	10/29/14	4:46 PM	50	LD	116	580	584	500	5	NA		PASS
P-71/P-186*	N EOS / S EOS	10/29/14	4:47 PM	50	LD	116	580	581	500	18	NA		PASS
P-76/P-191*	N EOS / S EOS	10/29/14	5:32 PM	50	LD	116	600	579	500	5	NA		PASS
P-76/P-190*	N EOS / S EOS	10/29/14	5:42 PM	50	LD	116	600	580	500	17	NA		PASS
P-75/P-190*	N EOS / S EOS	10/29/14	5:47 PM	50	LD	116	600	587	500	5	NA		PASS
P-75/P-189*	N EOS / S EOS	10/29/14	5:48 PM	50	LD	116	600	596	500	18	NA	DX-5	PASS
P-86/P-196*	N EOS / S EOS	10/30/14	2:02 PM	50	LD	116	540	540	540	5	NA		PASS
P-86/P-195*	N EOS / S EOS	10/30/14	2:04 PM	50	LD	116	540	540	540	18	NA		PASS
P-85/P-195*	N EOS / S EOS	10/30/14	2:21 PM	50	LD	116	540	540	540	4	NA		PASS
P-85/P-194*	N EOS / S EOS	10/30/14	2:23 PM	50	LD	116	540	540	540	18	NA		PASS
P-82/P-194*	N EOS / S EOS	10/30/14	2:35 PM	50	LD	116	540	540	540	4	NA		PASS
P-82/P-193*	N EOS / S EOS	10/30/14	2:37 PM	50	LD	116	540	540	540	19	NA		PASS
P-80/P-193*	N EOS / S EOS	10/30/14	2:50 PM	51	LD	116	540	540	540	4	NA		PASS
P-80/P-192*	N EOS / S EOS	10/30/14	2:51 PM	51	LD	116	540	540	540	19	NA		PASS
P-79/P-192*	N EOS / S EOS	10/30/14	3:10 PM	51	LD	116	540	540	540	4	NA		PASS
P-79/P-191*	N EOS / S EOS	10/30/14	3:11 PM	51	LD	116	540	540	540	19	NA	DX-6	PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-95/P-201*	N EOS / S EOS	10/31/14	2:00 PM	52	AR	001	550	550	555	4	NA		PASS
P-95/P-200*	N EOS / S EOS	10/31/14	2:05 PM	52	AR	001	550	550	548	19	NA		PASS
P-91/P-200*	N EOS / S EOS	10/31/14	2:15 PM	52	AR	001	550	550	548	4	NA		PASS
P-91/P-199*	N EOS / S EOS	10/31/14	2:18 PM	52	AR	001	550	550	553	19	NA		PASS
P-90/P-199*	N EOS / S EOS	10/31/14	2:30 PM	52	AR	001	550	550	551	4	NA		PASS
P-90/P-198*	N EOS / S EOS	10/31/14	2:35 PM	52	AR	001	550	550	550	19	NA		PASS
P-88/P-198*	N EOS / S EOS	10/31/14	2:45 PM	52	AR	001	550	550	550	4	NA		PASS
P-88/P-197*	N EOS / S EOS	10/31/14	2:47 PM	52	AR	001	550	550	552	19	NA		PASS
P-87/P-197*	N EOS / S EOS	10/31/14	2:59 PM	52	AR	001	550	550	557	4	NA		PASS
P-87/P-196*	N EOS / S EOS	10/31/14	3:00 PM	52	AR	001	550	550	555	19	NA	DX-7	PASS
C-4/C-5	W EOS / E EOS	10/31/14	11:18 AM	51	LD	116	595	595	595	4	RB		PASS
C-6/P-10	S EOS / N EOS	10/31/14	11:29 AM	49	LD	116	595	595	595	22	RB		PASS
C-5/P-6	S EOS / N EOS	10/31/14	11:38 AM	49	LD	116	595	595	595	22	RB		PASS
C-4/P-5	S EOS / N EOS	10/31/14	11:45 AM	50	LD	116	595	595	595	20	RB		PASS
C-3/P-5	S EOS / N EOS	10/31/14	11:56 AM	50	LD	116	595	595	595	3	RB		PASS
C-3/P-2	S EOS / N EOS	10/31/14	11:57 AM	50	LD	116	595	595	595	20	RB		PASS
C-2/P-2	S EOS / N EOS	10/31/14	1:10 PM	51	LD	116	595	595	595	3	RB		PASS
C-2/P-1	S EOS / N EOS	10/31/14	1:11 PM	51	LD	116	595	595	595	20	RB		PASS
C-1/P-1	S EOS / N EOS	10/31/14	1:29 PM	51	LD	116	595	595	595	3	RB		PASS
C-1/P-7	S EOS / N EOS	10/31/14	1:31 PM	52	LD	116	595	595	595	20	RB		PASS
C-1/C-2	W EOS / E EOS	10/31/14	1:42 PM	51	LD	116	595	595	595	4	RB		PASS
C-2/C-3	W EOS / E EOS	10/31/14	1:55 PM	51	LD	116	595	595	595	4	RB		PASS
C-3/C-4	W EOS / E EOS	10/31/14	2:05 PM	51	LD	116	595	595	595	4	RB		PASS
C-5/C-6	W EOS / E EOS	10/31/14	2:30 PM	51	LD	116	595	595	595	4	RB		PASS
C-6/P-115	N EOS / S EOS	10/31/15	2:40 PM	51	LD	116	595	595	595	4	RB		PASS
C-1/P-148*	N EOS / S EOS	10/31/14	1:27 PM	52	LD	116	595	595	595	20	RB		PASS
C-1/P-145*	N EOS / S EOS	10/31/14	1:44 PM	52	LD	116	595	595	595	2	RB		PASS
C-2/P-145*	N EOS / S EOS	10/31/14	1:42 PM	52	LD	116	595	595	595	21	RB		PASS
C-3/P-144*	N EOS / S EOS	10/31/14	1:55 PM	52	LD	116	595	595	595	23	RB		PASS
C-4/P-143*	N EOS / S EOS	10/31/14	2:05 PM	52	LD	116	595	595	595	20	RB		PASS
C-5/P-143*	N EOS / S EOS	10/31/14	2:10 PM	53	LD	116	595	595	595	2	RB		PASS
C-5/P-141*	W EOS / E EOS	10/31/14	2:15 PM	53	LD	116	595	595	595	21	RB		PASS
C-6/P-141*	N EOS / S EOS	10/31/14	2:20 PM	53	LD	116	595	595	595	3	RB		PASS
C-6/P-140*	N EOS / S EOS	10/31/14	2:24 PM	53	LD	116	595	595	595	18	RB	DX-1	PASS
C-7/P-148*	S EOS / N EOS	10/31/14	2:30 PM	53	LD	116	595	595	595	3	RB		PASS
C-7/P-149*	S EOS / N EOS	10/31/14	2:35 PM	53	LD	116	595	595	595	4	RB		PASS
C-7/P-7*	N EOS / S EOS	10/31/14	2:40 PM	53	LD	116	595	595	595	3	RB		PASS
P-99/P-203*	N EOS / S EOS	11/01/14	1:43 PM	46	LD	119	660	650	660	19	TB		PASS
P-97/P-203*	N EOS / S EOS	11/01/14	1:54 PM	46	LD	119	660	660	658	3	TB		PASS
P-97/P-202*	N EOS / S EOS	11/01/14	1:55 PM	46	LD	119	660	660	656	20	TB	DX-8	PASS
P-96/P-202*	N EOS / S EOS	11/01/14	2:06 PM	46	LD	119	660	660	655	3	TB		PASS
P-96/P-201*	N EOS / S EOS	11/01/14	2:08 PM	47	LD	119	660	660	656	19	TB		PASS
P-99/P-204*	S EOS / N EOS	11/01/14	3:18 PM	48	LD	119	660	660	660	4	TB		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-122/P-138*	N EOS / S EOS	11/06/14	2:00 PM	59	LD	116	660	600	588	4	NA		PASS
P-122/P-137*	N EOS / S EOS	11/06/14	2:02 PM	59	LD	116	660	600	592	19	NA		PASS
P-119/P-137*	N EOS / S EOS	11/06/14	2:15 PM	59	LD	116	660	600	574	4	NA		PASS
P-119/P-136*	N EOS / S EOS	11/06/14	2:17 PM	59	LD	116	660	600	582	18	NA	DX-10	PASS
P-120/P-136*	N EOS / S EOS	11/06/14	2:45 PM	59	LD	116	660	600	578	4	NA		PASS
P-123/P-136*	E EOS / W EOS	11/06/14	3:52 PM	52	LD	116	660	600	587	8	NA		PASS
P-120/P-135*	E EOS / W EOS	11/06/14	4:24 PM	52	LD	116	660	600	582	5	NA		PASS
P-123/P-134(s)*	E EOS / W EOS	11/06/14	4:18 PM	52	LD	116	660	600	584	11	NA		PASS
P-123/P-134(n)*	W EOS / E EOS	11/06/14	3:55 PM	52	LD	116	660	600	592	7	NA		PASS
P-115/P-140*	N EOS / S EOS	11/06/14	4:16 PM	52	LD	116	660	600	585	4	NA		PASS
P-120/P-134*	W EOS / E EOS	11/06/14	4:22 PM	52	LD	116	660	600	584	2	NA		PASS
P-24*/P-134	S EOS / N EOS	06/03/15	8:38 AM	50	JC	121	590	590	572	17	AF		PASS
P-23*/P-134	S EOS / N EOS	06/03/15	8:50 AM	50	JC	121	590	590	572	8	AF		PASS
P-23*/P-133	S EOS / N EOS	06/03/15	8:54 AM	50	JC	121	590	590	572	15	AF		PASS
P-15*/P-133	S EOS / N EOS	06/03/15	9:00 AM	52	JC	121	590	590	572	8	AF		PASS
P-14*/P-132	S EOS / N EOS	06/03/15	9:08 AM	52	JC	121	590	590	572	22	AF		PASS
P-13*/P-124	S EOS / N EOS	06/03/15	9:15 AM	55	JC	121	590	590	572	23	AF		PASS
P-11*/P-125	S EOS / N EOS	06/03/15	9:36 AM	55	JC	121	590	590	572	22	AF		PASS
P-10*/P-126	S EOS / N EOS	06/03/15	9:55 AM	55	JC	121	590	590	572	23	AF		PASS
P-25*/P-135	W EOS / E EOS	06/03/15	10:20 AM	55	JC	121	590	590	572	17	AF		PASS
P-24*/P-135	S EOS / N EOS	06/03/15	10:36 AM	55	JC	121	590	590	572	9	AF		PASS
P-9*/P-127	S EOS / N EOS	06/03/15	5:25 PM	55	JC	121	590	590	572	23	MT		PASS
P-8*/P-128	S EOS / N EOS	06/03/15	5:40 PM	55	JC	121	590	590	572	23	MT		PASS
P-7*/P-136	S EOS / N EOS	06/03/15	5:59 PM	55	JC	121	590	590	572	23	MT		PASS
P-6*/P-137	S EOS / N EOS	06/03/15	6:00 PM	55	JC	121	590	590	572	23	MT		PASS
P-5*/P-138	S EOS / N EOS	06/03/15	6:35 PM	55	JC	121	590	590	572	23	MT		PASS
P-4*/P-139	S EOS / N EOS	06/03/15	6:45 PM	55	JC	121	590	590	572	23	MT		PASS
P-3*/P-143	S EOS / N EOS	06/03/15	6:55 PM	55	JC	121	590	590	586	23	MT	DX-11	PASS
P-2*/P-144	S EOS / N EOS	06/04/15	3:35 PM	72	JC	121	590	590	586	23	GA		PASS
P-1*/P-145	S EOS / N EOS	06/04/15	3:45 PM	72	JC	121	590	590	586	23	GA	C-3	PASS
P-67*/P-146	S EOS / N EOS	06/04/15	4:00 PM	72	JC	121	590	590	586	23	GA	C-2	PASS
P-68*/P-149	S EOS / N EOS	06/04/15	4:12 PM	72	JC	121	590	590	586	23	GA		PASS
P-69*/P-150	S EOS / N EOS	06/04/15	4:30 PM	70	JC	121	590	590	586	23	GA		PASS
P-70*/P-151	S EOS / N EOS	06/04/15	4:35 PM	70	JC	121	590	590	586	23	GA		PASS
P-71*/P-152	S EOS / N EOS	06/04/15	4:50 PM	70	JC	121	590	590	586	23	GA		PASS
P-72*/P-156	S EOS / N EOS	06/04/15	5:00 PM	70	JC	121	590	590	586	23	GA	DX-12	PASS
P-73*/P-157	S EOS / N EOS	06/06/15	8:54 AM	40	JC	121	590	590	572	23	BM		PASS
P-74*/P-157	S EOS / N EOS	06/06/15	-	-	-	-	-	-	-	-	-	D450	Seam Capped
P-74*/P-160	S EOS / N EOS	06/06/15	2:15 PM	71	JC	121	590	590	572	20	BM		PASS
P-75*/P-160	S EOS / N EOS	06/06/15	2:30 PM	71	JC	121	590	590	572	3	BM		PASS
P-75*/P-161	S EOS / N EOS	06/06/15	3:00 PM	52	JC	121	590	590	572	17	BM		PASS
P-76*/P-161	S EOS / N EOS	06/06/15	3:10 PM	52	JC	121	590	590	572	6	BM		PASS
P-76*/P-167	S EOS / N EOS	06/06/15	3:12 PM	52	JC	121	590	590	572	16	BM		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-167/P-250*	SEOS / NEOS	06/06/15	3:26 PM	52	JC	121	590	590	572	7	BM		PASS
P-168/P-250*	SEOS / NEOS	06/06/15	3:28 PM	52	JC	121	590	590	572	17	BM		PASS
P-168/P-251*	SEOS / NEOS	06/07/15	2:07 PM	56	JC	121	590	590	572	5	AF	DX-13	PASS
P-169/P-251*	SEOS / NEOS	06/07/15	2:10 PM	56	JC	121	590	590	572	13	AF		PASS
P-169/P-252*	SEOS / NEOS	06/07/15	2:15 PM	56	JC	121	590	590	572	6	AF		PASS
P-170/P-252*	SEOS / NEOS	06/07/15	3:35 PM	56	JC	121	590	590	572	14	AF		PASS
P-170/P-253*	SEOS / NEOS	06/07/15	3:40 PM	56	JC	121	590	590	572	6	AF		PASS
P-171/P-253*	SEOS / NEOS	06/07/15	3:45 PM	56	JC	121	590	590	572	14	AF		PASS
P-171/P-254*	SEOS / NEOS	06/07/15	3:53 PM	56	JC	121	590	590	572	6	AF		PASS
P-172/P-254*	SEOS / NEOS	06/07/15	3:56 PM	56	JC	121	590	590	572	15	AF		PASS
P-172/P-255*	SEOS / NEOS	06/07/15	4:05 PM	56	JC	121	590	590	572	6	AF	DX-14	PASS
P-173/P-255*	SEOS / NEOS	06/08/15	4:25 PM	70	JC	121	590	590	572	14	PO		PASS
P-173/P-256*	SEOS / NEOS	06/08/15	4:30 PM	70	JC	121	590	590	572	6	PO		PASS
P-177/P-256*	SEOS / NEOS	06/08/15	4:35 PM	70	JC	121	590	590	572	16	PO		PASS
P-177/P-257*	SEOS / NEOS	06/08/15	4:44 PM	70	JC	121	590	590	572	7	PO		PASS
P-178/P-257*	SEOS / NEOS	06/08/15	4:48 PM	70	JC	121	590	590	572	16	PO		PASS
P-178/P-258*	SEOS / NEOS	06/08/15	4:53 PM	70	JC	121	590	590	572	6	PO		PASS
P-182/P-258*	SEOS / NEOS	06/08/15	4:55 PM	70	JC	121	590	590	572	16	PO		PASS
P-182/P-259*	SEOS / NEOS	06/08/15	5:00 PM	70	JC	121	590	590	572	3	PO	DX-15	PASS
P-132/P-187	SEOS / NEOS	06/10/15	7:10 AM	52	JC	121	590	590	572	17	PO		PASS
P-124/P-187	SEOS / NEOS	06/10/15	7:18 AM	52	JC	121	590	590	572	2	PO		PASS
P-124/P-186	SEOS / NEOS	06/10/15	7:20 AM	52	JC	121	590	590	572	20	PO		PASS
P-125/P-186	SEOS / NEOS	06/10/15	7:40 AM	52	JC	121	590	590	572	2	PO		PASS
P-125/P-188	SEOS / NEOS	06/10/15	7:41 AM	52	JC	121	590	590	572	20	PO		PASS
P-126/P-188	SEOS / NEOS	06/10/15	7:55 AM	52	JC	121	590	590	572	2	PO		PASS
P-126/P-184	SEOS / NEOS	06/10/15	7:56 AM	54	JC	121	590	590	572	20	PO		PASS
P-127/P-184	SEOS / NEOS	06/10/15	8:07 AM	54	JC	121	590	590	572	2	PO		PASS
P-127/P-183	SEOS / NEOS	06/10/15	8:08 AM	54	JC	121	590	590	572	19	PO		PASS
P-131/P-183	SEOS / NEOS	06/10/15	8:16 AM	54	JC	121	590	590	572	3	PO		PASS
P-131/P-189	SEOS / NEOS	06/10/15	8:17 AM	54	JC	121	590	590	572	19	PO		PASS
P-136/P-189	SEOS / NEOS	06/10/15	8:36 AM	54	JC	121	590	590	572	3	PO		PASS
P-136/P-190	SEOS / NEOS	06/10/15	8:38 AM	54	JC	121	590	590	572	19	PO		PASS
P-137/P-190	SEOS / NEOS	06/10/15	8:46 AM	54	JC	121	590	590	572	2	PO		PASS
P-137/P-191	SEOS / NEOS	06/10/15	8:47 AM	54	JC	121	590	590	572	19	PO		PASS
P-138/P-191	SEOS / NEOS	06/10/15	8:54 AM	54	JC	121	590	590	572	3	PO		PASS
P-138/P-193	SEOS / NEOS	06/10/15	8:56 AM	54	JC	121	590	590	572	19	PO		PASS
P-142/P-193	SEOS / NEOS	06/10/15	9:03 AM	54	JC	121	590	590	572	2	PO		PASS
P-142/P-194	SEOS / NEOS	06/10/15	9:04 AM	57	JC	121	590	590	572	19	PO		PASS
P-143/P-194	SEOS / NEOS	06/10/15	9:27 AM	57	JC	121	590	590	572	2	PO		PASS
P-143/P-195	SEOS / NEOS	06/10/15	9:28 AM	55	JC	121	590	590	572	19	PO		PASS
P-144/P-195	SEOS / NEOS	06/10/15	9:39 AM	55	JC	121	590	590	572	2	PO		PASS
P-144/P-197	SEOS / NEOS	06/10/15	9:54 AM	47	JC	121	590	590	572	19	PO		PASS
P-145/P-197	SEOS / NEOS	06/10/15	10:03 AM	47	JC	121	590	590	572	2	PO		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-145/P-198	SEOS / NEOS	06/10/15	10:05 AM	47	JC	121	590	590	572	19	PO		PASS
P-148/P-198	SEOS / NEOS	06/10/15	10:13 AM	47	JC	121	590	590	572	2	PO		PASS
P-148/P-199	SEOS / NEOS	06/10/15	10:15 AM	47	JC	121	590	590	572	19	PO	DX-16	PASS
P-100/P-211	NEOS / SEOS	06/10/15	5:30 PM	64	RR	001	590	590	572	31	GA		PASS
P-201/P-206*	SEOS / NEOS	06/10/15	6:21 PM	60	JC	121	590	590	572	4	PO		PASS
P-201/P-205*	SEOS / NEOS	06/10/15	6:22 PM	60	JC	121	590	590	572	18	PO		PASS
P-204*/P-211	NEOS / SEOS	06/10/15	6:23 PM	60	JC	121	590	590	572	14	PO		PASS
P-202/P-206*	SEOS / NEOS	06/10/15	6:28 PM	60	JC	121	590	590	572	19	PO		PASS
P-202/P-207*	SEOS / NEOS	06/10/15	6:29 PM	60	JC	121	590	590	572	3	PO		PASS
P-203/P-207*	SEOS / NEOS	06/10/15	6:39 PM	60	JC	121	590	590	572	18	PO		PASS
P-205*/P-211	NEOS / SEOS	06/10/15	7:07 PM	60	JC	121	590	590	572	2	PO		PASS
P-204/P-208*	NEOS / SEOS	06/10/15	7:18 PM	58	JC	121	590	590	572	18	PO		PASS
P-203/P-208*	SEOS / NEOS	06/10/15	7:22 PM	58	JC	121	590	590	572	4	PO		PASS
P-208/P-211*	NEOS / SEOS	06/10/15	7:30 PM	54	JC	121	590	590	572	18	PO		PASS
P-207/P-211*	NEOS / SEOS	06/10/15	7:36 PM	54	JC	121	590	590	572	4	PO		PASS
P-207/P-210*	SEOS / NEOS	06/10/15	7:37 PM	53	JC	121	590	590	572	18	PO		PASS
P-206/P-210*	NEOS / SEOS	06/10/15	7:47 PM	53	JC	121	590	590	572	4	PO		PASS
P-206/P-209*	NEOS / SEOS	06/10/15	7:48 PM	51	JC	121	590	590	572	18	PO		PASS
P-204/P-209*	SEOS / NEOS	06/10/15	7:50 PM	51	JC	121	590	590	572	4	PO		PASS
P-210/P-212*	NEOS / SEOS	06/10/15	8:09 PM	48	JC	121	590	590	572	18	PO	DX-9	PASS
P-208/P-212*	NEOS / SEOS	06/10/15	8:11 PM	48	JC	121	590	590	572	18	PO		PASS
P-149/P-199	E EOS / W EOS	06/13/15	8:30 AM	58	JC	121	590	590	572	3	AF		PASS
P-149/P-212	SEOS / NEOS	06/13/15	8:35 AM	58	JC	121	590	590	572	20	AF		PASS
P-150/P-212	SEOS / NEOS	06/13/15	8:40 AM	60	JC	121	590	590	572	2	AF		PASS
P-150/P-213	SEOS / NEOS	06/13/15	8:42 AM	62	JC	121	590	590	572	20	AF		PASS
P-151/P-213	SEOS / NEOS	06/13/15	8:46 AM	62	JC	121	590	590	572	2	AF		PASS
P-151/P-214	SEOS / NEOS	06/13/15	8:48 AM	63	JC	121	590	590	572	20	AF		PASS
P-155/P-214	SEOS / NEOS	06/13/15	8:58 AM	62	JC	121	590	590	572	2	AF		PASS
P-155/P-215	SEOS / NEOS	06/13/15	9:00 AM	60	JC	121	590	590	572	20	AF		PASS
P-156/P-215	SEOS / NEOS	06/13/15	9:10 AM	59	JC	121	590	590	572	2	AF		PASS
P-156/P-216	SEOS / NEOS	06/13/15	9:11 AM	59	JC	121	590	590	572	20	AF		PASS
P-157/P-216	SEOS / NEOS	06/13/15	9:30 AM	64	JC	121	590	590	572	2	AF		PASS
P-157/P-217	SEOS / NEOS	06/13/15	9:31 AM	65	JC	121	590	590	572	20	AF		PASS
P-158/P-217	SEOS / NEOS	06/13/15	9:40 AM	66	JC	121	590	590	572	2	AF		PASS
P-158/P-218	SEOS / NEOS	06/13/15	9:41 AM	66	JC	121	590	590	572	20	AF		PASS
P-159/P-218	SEOS / NEOS	06/13/15	9:50 AM	67	JC	121	590	590	572	2	AF		PASS
P-159/P-219	SEOS / NEOS	06/13/15	9:52 AM	66	JC	121	590	590	572	20	AF	DX-17	PASS
P-160/P-219	SEOS / NEOS	06/13/15	10:00 AM	65	JC	121	590	590	572	2	AF		PASS
P-160/P-220	SEOS / NEOS	06/18/15	8:55 AM	71	JC	121	590	590	572	19	PO		PASS
P-164/P-220	SEOS / NEOS	06/18/15	9:15 AM	71	JC	121	590	590	572	3	PO		PASS
P-164/P-221	SEOS / NEOS	06/18/15	9:24 AM	71	JC	121	590	590	572	20	PO		PASS
P-165/P-221	SEOS / NEOS	06/18/15	9:29 AM	71	JC	121	590	590	572	4	PO		PASS
P-165/P-225	SEOS / NEOS	06/18/15	9:34 AM	72	JC	121	590	590	572	19	PO		PASS

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Note:

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-166/P-225	SEOS / NEOS	06/18/15	9:39 AM	72	JC	121	590	590	572	5	PO		PASS
P-166/P-226	SEOS / NEOS	06/18/15	9:46 AM	72	JC	121	590	590	572	15	PO		PASS
P-167/P-226	SEOS / NEOS	06/18/15	9:54 AM	72	JC	121	590	590	572	10	PO		PASS
P-167/P-230	SEOS / NEOS	06/18/15	10:02 AM	73	JC	121	590	590	572	14	PO		PASS
P-168/P-230	SEOS / NEOS	06/18/15	10:07 AM	73	JC	121	590	590	572	12	PO		PASS
P-168/P-231	SEOS / NEOS	06/18/15	10:10 AM	73	JC	121	590	590	572	11	PO		PASS
P-169/P-231	SEOS / NEOS	06/18/15	10:13 AM	73	JC	121	590	590	572	13	PO	DX-18	PASS
P-169/P-269	SEOS / NEOS	06/21/15	7:16 AM	52	JC	121	590	590	572	9	PO		PASS
P-170/P-269	SEOS / NEOS	06/21/15	7:20 AM	52	JC	121	590	590	572	7	PO		PASS
P-170/P-268	SEOS / NEOS	06/21/15	7:49 AM	52	JC	121	590	590	572	14	PO		PASS
P-171/P-268	SEOS / NEOS	06/21/15	7:56 AM	52	JC	121	590	590	572	11	PO		PASS
P-256*/P-270	SEOS / NEOS	06/21/15	9:40 AM	64	JC	121	590	590	572	16	PO		PASS
P-260*/P-270	SEOS / NEOS	06/21/15	9:59 AM	64	JC	121	590	590	572	4	PO		PASS
P-260*/P-271	SEOS / NEOS	06/21/15	10:07 AM	64	JC	121	590	590	572	15	PO		PASS
P-261*/P-271	SEOS / NEOS	06/21/15	10:18 AM	64	JC	121	590	590	572	5	PO		PASS
P-261*/P-272	SEOS / NEOS	06/21/15	10:28 AM	64	JC	121	590	590	572	17	PO	DX-20	PASS
P-262*/P-272	SEOS / NEOS	06/21/15	10:32 AM	64	JC	121	590	590	572	4	PO		PASS
P-262*/P-273	SEOS / NEOS	06/22/15	8:33 AM	55	JC	121	590	590	572	17	GA		PASS
P-263*/P-273	SEOS / NEOS	06/22/15	8:36 AM	55	JC	121	590	590	572	4	GA		PASS
P-263*/P-274	SEOS / NEOS	06/22/15	8:40 AM	55	JC	121	590	590	572	18	GA		PASS
P-264*/P-274	SEOS / NEOS	06/22/15	8:50 AM	55	JC	121	590	590	572	4	GA		PASS
P-264*/P-275	SEOS / NEOS	06/22/15	8:51 AM	55	JC	121	590	590	572	19	GA		PASS
P-265*/P-275	SEOS / NEOS	06/22/15	8:59 AM	55	JC	121	590	590	572	2	GA		PASS
P-265*/P-276	SEOS / NEOS	06/22/15	9:07 AM	55	JC	121	590	590	572	18	GA		PASS
P-266*/P-276	SEOS / NEOS	06/22/15	9:15 AM	55	JC	121	590	590	572	2	GA		PASS
P-266*/P-280	SEOS / NEOS	06/22/15	9:20 AM	55	JC	121	590	590	572	19	GA		PASS
P-280/P-285*	SEOS / NEOS	06/22/15	9:30 AM	55	JC	121	590	590	572	3	GA		PASS
P-281/P-285*	SEOS / NEOS	06/22/15	9:40 AM	55	JC	121	590	590	572	19	GA		PASS
P-281/P-286*	SEOS / NEOS	06/22/15	9:40 AM	56	JC	121	590	590	572	2	GA		PASS
P-282/P-286*	SEOS / NEOS	06/22/15	9:50 AM	56	JC	121	590	590	572	19	GA		PASS
P-282/P-287*	SEOS / NEOS	06/22/15	9:56 AM	56	JC	121	590	590	572	2	GA		PASS
P-283/P-287*	SEOS / NEOS	06/22/15	10:03 AM	56	JC	121	590	590	572	18	GA		PASS
P-283/P-288*	SEOS / NEOS	06/22/15	10:06 AM	56	JC	121	590	590	572	2	GA		PASS
P-284/P-288*	SEOS / NEOS	06/22/15	10:07 AM	56	JC	121	590	590	572	20	GA		PASS
P-284/P-289*	SEOS / NEOS	06/22/15	10:17 AM	56	JC	121	590	590	572	2	GA		PASS
P-285/P-289*	SEOS / NEOS	06/22/15	10:19 AM	56	JC	121	590	590	572	20	GA		PASS
P-286/P-292*	SEOS / NEOS	06/22/15	10:27 AM	56	JC	121	590	590	572	23	GA		PASS
P-290/P-293*	SEOS / NEOS	06/22/15	10:38 AM	56	JC	121	590	590	572	22	GA	DX-21	PASS
P-285/P-290*	SEOS / NEOS	06/22/15	10:26 AM	56	JC	121	590	590	572	1	GA		PASS
P-294*/P-294	SEOS / NEOS	06/23/15	10:28 AM	72	JC	121	590	590	572	21	PO		PASS
P-295*/P-295	SEOS / NEOS	06/23/15	10:52 AM	73	JC	121	590	590	572	21	PO		PASS
P-296/P-377*	SEOS / NEOS	06/23/15	11:00 AM	73	JC	121	590	590	572	21	PO		PASS
P-297/P-378*	SEOS / NEOS	06/23/15	11:08 AM	73	JC	121	590	590	572	21	PO		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-298/P-381*	S EOS / N EOS	06/23/15	11:17 AM	73	JC	121	590	590	572	21	PO		PASS
P-171/P-305	S EOS / N EOS	06/23/15	2:00 PM	79	JC	121	590	590	572	10	PO		PASS
P-172/P-299	S EOS / N EOS	06/23/15	2:07 PM	79	JC	121	590	590	572	22	PO		PASS
P-176/P-300	S EOS / N EOS	06/23/15	2:26 PM	79	JC	121	590	590	572	22	PO		PASS
P-177/P-301	S EOS / N EOS	06/23/15	2:41 PM	79	JC	121	590	590	572	22	PO		PASS
P-181/P-302	S EOS / N EOS	06/23/15	2:55 PM	78	JC	121	590	590	572	22	PO		PASS
P-182/P-303	S EOS / N EOS	06/23/15	3:12 PM	78	JC	121	590	590	572	22	PO	DX-22	PASS
P-306/P-383*	S EOS / N EOS	06/24/15	3:07 PM	65	JC	121	590	590	572	22	MT		PASS
P-307/P-385*	S EOS / N EOS	06/24/15	3:20 PM	60	JC	121	590	590	572	22	MT		PASS
P-308/P-387*	S EOS / N EOS	06/24/15	3:35 PM	58	JC	121	590	590	572	22	MT	DX-23	PASS
P-310/P-389*	N EOS / S EOS	06/25/15	8:33 AM	66	JC	121	590	590	572	2	AF		PASS
P-309/P-389*	N EOS / S EOS	06/25/15	8:34 AM	66	JC	121	590	590	572	20	AF		PASS
P-310/P-391*	S EOS / N EOS	06/25/15	8:37 AM	66	JC	121	590	590	572	20	AF		PASS
P-311/P-391*	S EOS / N EOS	06/25/15	8:44 AM	67	JC	121	590	590	572	3	AF		PASS
P-311/P-392*	S EOS / N EOS	06/25/15	8:45 AM	67	JC	121	590	590	572	19	AF		PASS
P-312/P-392*	S EOS / N EOS	06/25/15	8:55 AM	67	JC	121	590	590	572	4	AF		PASS
P-312/P-395*	S EOS / N EOS	06/25/15	8:56 AM	68	JC	121	590	590	572	19	AF		PASS
P-313/P-395*	S EOS / N EOS	06/25/15	9:06 AM	68	JC	121	590	590	572	4	AF		PASS
P-313/P-396*	S EOS / N EOS	06/25/15	9:07 AM	68	JC	121	590	590	572	19	AF		PASS
P-314/P-396*	S EOS / N EOS	06/25/15	9:16 AM	69	JC	121	590	590	572	5	AF		PASS
P-314/P-397*	S EOS / N EOS	06/25/15	9:23 AM	70	JC	121	590	590	572	18	AF	DX-24	PASS
P-341/P-402*	E EOS / W EOS	06/27/15	8:05 AM	57	JC	121	590	590	572	8	AF		PASS
P-342/P-402*	W EOS / E EOS	06/27/15	8:10 AM	57	JC	121	590	590	572	15	AF		PASS
P-342/P-428*	W EOS / E EOS	06/27/15	8:23 AM	57	JC	121	590	590	572	7	AF		PASS
P-343/P-427*	W EOS / E EOS	06/27/15	8:27 AM	58	JC	121	590	590	572	15	AF		PASS
P-344/P-427*	W EOS / E EOS	06/27/15	8:34 AM	58	JC	121	590	590	572	5	AF		PASS
P-344/P-426*	W EOS / E EOS	06/27/15	8:36 AM	58	JC	121	590	590	572	11	AF	DX-25	PASS
P-270/P-346	S EOS / N EOS	06/28/15	8:45 AM	56	JC	121	590	590	572	21	GA		PASS
P-271/P-347	S EOS / N EOS	06/28/15	9:05 AM	56	JC	121	590	590	572	22	GA		PASS
P-272/P-348	S EOS / N EOS	06/28/15	9:25 AM	56	JC	121	590	590	572	21	GA		PASS
P-273/P-349	S EOS / N EOS	06/28/15	10:12 AM	70	JC	121	590	590	572	22	GA		PASS
P-274/P-350	S EOS / N EOS	06/29/15	7:50 AM	52	JC	121	590	590	572	22	GA	DX-26	PASS
P-275/P-351	S EOS / N EOS	06/29/15	7:55 AM	51	JC	121	590	590	572	21	PO		PASS
P-279/P-352	S EOS / N EOS	06/29/15	11:15 AM	68	JC	121	590	590	572	22	PO		PASS
P-280/P-354	S EOS / N EOS	06/29/15	11:45 AM	68	JC	121	590	590	572	21	PO		PASS
P-281/P-355	S EOS / N EOS	06/29/15	12:05 PM	72	JC	121	590	590	572	22	PO		PASS
P-282/P-357	S EOS / N EOS	06/29/15	11:15 AM	68	JC	121	590	590	572	21	PO		PASS
P-285/P-358	S EOS / N EOS	06/29/15	12:23 PM	73	JC	121	590	590	572	21	PO		PASS
P-285/P-359	S EOS / N EOS	06/29/15	12:36 PM	73	JC	121	590	590	572	3	PO		PASS
P-289/P-359	S EOS / N EOS	06/29/15	12:38 PM	73	JC	121	590	590	572	19	PO		PASS
P-289/P-360	E EOS / W EOS	06/29/15	12:43 PM	73	JC	121	590	590	572	2	PO		PASS
P-290/P-360	S EOS / N EOS	06/29/15	1:35 PM	73	JC	121	590	590	572	20	PO	DX-27	PASS
P-290/P-361	S EOS / N EOS	06/30/15	1:37 PM	73	JC	121	590	590	572	2	PO		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-291/P-361	SEOS / NEOS	06/30/15	8:37 AM	71	JC	121	590	590	572	18	JR		PASS
P-291/P-362	SEOS / NEOS	06/30/15	9:15 AM	67	JC	121	590	590	572	3	JR		PASS
P-297/P-362	SEOS / NEOS	06/30/15	9:25 AM	67	JC	121	590	590	572	20	JR		PASS
P-297/P-364	SEOS / NEOS	06/30/15	9:30 AM	67	JC	121	590	590	572	4	JR		PASS
P-298/P-364	SEOS / NEOS	06/30/15	9:31 AM	67	JC	121	590	590	572	19	JR		PASS
P-298/P-365	SEOS / NEOS	06/30/15	9:38 AM	67	JC	121	590	590	572	5	JR		PASS
P-306/P-365	SEOS / NEOS	06/30/15	9:39 AM	67	JC	121	590	590	572	17	JR		PASS
P-306/P-367	SEOS / NEOS	06/30/15	10:10 AM	67	JC	121	590	590	572	5	JR		PASS
P-307/P-367	SEOS / NEOS	06/30/15	10:20 AM	68	JC	121	590	590	572	18	JR		PASS
P-307/P-368	SEOS / NEOS	06/30/15	10:28 AM	68	JC	121	590	590	572	5	JR		PASS
P-308/P-368	SEOS / NEOS	06/30/15	10:30 AM	68	JC	121	590	590	572	18	JR		PASS
P-308/P-370	SEOS / NEOS	06/30/15	10:34 AM	68	JC	121	590	590	572	6	JR		PASS
P-309/P-370	SEOS / NEOS	06/30/15	10:36 AM	74	JC	121	590	590	572	18	JR		PASS
P-345/P-426*	WEOS / EOS	06/30/15	10:45 AM	73	RA	001	590	590	572	6	PO		PASS
P-345/P-423*	WEOS / EOS	06/30/15	10:49 AM	73	RA	001	590	590	572	16	PO		PASS
P-309/P-371	SEOS / NEOS	06/30/15	10:58 AM	74	JC	121	590	590	572	5	JR		PASS
P-380/P-423*	WEOS / EOS	06/30/15	10:58 AM	73	RA	001	590	590	572	6	PO		PASS
P-310/P-371	SEOS / NEOS	06/30/15	10:59 AM	75	JC	121	590	590	572	18	JR		PASS
P-380/P-421*	WEOS / EOS	06/30/15	11:00 AM	73	RA	001	590	590	572	16	PO		PASS
P-382/P-421*	WEOS / EOS	06/30/15	11:05 AM	73	RA	001	590	590	572	6	PO		PASS
P-382/P-420*	WEOS / EOS	06/30/15	11:11 AM	73	RA	001	590	590	572	16	PO		PASS
P-310/P-373	SEOS / NEOS	06/30/15	11:12 AM	75	JC	121	590	590	572	5	JR		PASS
P-383/P-420*	WEOS / EOS	06/30/15	11:17 AM	73	RA	001	590	590	572	6	PO		PASS
P-311/P-373	SEOS / NEOS	06/30/15	11:18 AM	75	JC	121	590	590	572	18	JR		PASS
P-383/P-417*	WEOS / EOS	06/30/15	11:19 AM	73	RA	001	590	590	572	16	PO		PASS
P-384/P-417*	WEOS / EOS	06/30/15	12:47 PM	82	RA	001	590	590	572	6	PO		PASS
P-384/P-416*	WEOS / EOS	06/30/15	12:52 PM	82	RA	001	590	590	572	16	PO		PASS
P-385/P-416*	WEOS / EOS	06/30/15	12:59 PM	82	RA	001	590	590	572	6	PO		PASS
P-385/P-414*	WEOS / EOS	06/30/15	1:01 PM	82	RA	001	590	590	572	16	PO		PASS
P-386/P-414*	WEOS / EOS	06/30/15	1:04 PM	83	RA	001	590	590	572	6	PO		PASS
P-311/P-374	SEOS / NEOS	06/30/15	1:06 PM	72	JC	121	590	590	572	5	JR		PASS
P-312/P-374	SEOS / NEOS	06/30/15	1:07 PM	72	JC	121	590	590	572	16	JR		PASS
P-386/P-412*	WEOS / EOS	06/30/15	1:07 PM	83	RA	001	590	590	572	16	PO		PASS
P-312/P-375	SEOS / NEOS	06/30/15	1:10 PM	72	JC	121	590	590	572	7	JR		PASS
P-313/P-375	SEOS / NEOS	06/30/15	1:13 PM	72	JC	121	590	590	572	17	JR		PASS
P-313/P-377	SEOS / NEOS	06/30/15	1:19 PM	72	JC	121	590	590	572	6	JR		PASS
P-314/P-377	SEOS / NEOS	06/30/15	1:22 PM	72	JC	121	590	590	572	16	JR		PASS
P-314/P-378	SEOS / NEOS	06/30/15	1:25 PM	73	JC	121	590	590	572	6	JR		PASS
P-315/P-378	SEOS / NEOS	06/30/15	1:30 PM	78	JC	121	590	590	572	17	JR	DX-28	PASS
P-387/P-412*	WEOS / EOS	06/30/15	2:20 PM	84	RA	001	590	590	572	6	PO		PASS
P-387/P-410*	WEOS / EOS	06/30/15	2:25 PM	84	RA	001	590	590	572	16	PO		PASS
P-388/P-410*	WEOS / EOS	06/30/15	2:35 PM	83	RA	001	590	590	572	6	PO		PASS
P-388/P-408*	WEOS / EOS	06/30/15	2:40 PM	83	RA	001	590	590	572	16	PO		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-389/P-408*	W EOS / E EOS	06/30/15	2:45 PM	83	RA	001	590	590	572	6	PO		PASS
P-389/P-407*	W EOS / E EOS	06/30/15	2:47 PM	83	RA	001	590	590	572	15	PO		PASS
P-390/P-407*	W EOS / E EOS	06/30/15	2:50 PM	83	RA	001	590	590	572	6	PO		PASS
P-390/P-403*	W EOS / E EOS	06/30/15	3:00 PM	83	RA	001	590	590	572	15	PO		PASS
P-391/P-403*	W EOS / E EOS	06/30/15	3:05 PM	83	RA	001	590	590	572	6	PO		PASS
P-391/P-400*	W EOS / E EOS	06/30/15	3:07 PM	83	RA	001	590	590	572	16	PO		PASS
P-392/P-400*	W EOS / E EOS	06/30/15	3:15 PM	78	RA	001	590	590	572	6	PO		PASS
P-392/P-399*	W EOS / E EOS	06/30/15	3:20 PM	78	RA	001	590	590	572	16	PO		PASS
P-393/P-399*	W EOS / E EOS	06/30/15	3:30 PM	75	RA	001	590	590	572	6	PO		PASS
P-393/P-398*	W EOS / E EOS	06/30/15	3:33 PM	75	RA	001	590	590	572	16	PO		PASS
P-394/P-398*	W EOS / E EOS	06/30/15	3:37 PM	72	RA	001	590	590	572	6	PO		PASS
P-372*/P-394	W EOS / E EOS	06/30/15	4:00 PM	72	RA	001	590	590	572	16	PO		PASS
P-372*/P-395	W EOS / E EOS	06/30/15	4:10 PM	72	RA	001	590	590	572	6	PO		PASS
P-371*/P-395	W EOS / E EOS	06/30/15	4:13 PM	72	RA	001	590	590	572	16	PO		PASS
P-371*/P-396	W EOS / E EOS	06/30/15	4:25 PM	72	RA	001	590	590	572	6	PO		PASS
P-368*/P-396	W EOS / E EOS	06/30/15	4:27 PM	72	RA	001	590	590	572	16	PO		PASS
P-368*/P-397	W EOS / E EOS	06/30/15	4:31 PM	70	RA	001	590	590	572	6	PO		PASS
P-366*/P-397	W EOS / E EOS	06/30/15	4:38 PM	70	RA	001	590	590	572	16	PO		PASS
P-366*/P-398	W EOS / E EOS	06/30/15	4:45 PM	70	RA	001	590	590	572	6	PO		PASS
P-364*/P-398	W EOS / E EOS	06/30/15	4:50 PM	70	RA	001	590	590	572	16	PO		PASS
P-364*/P-399	W EOS / E EOS	06/30/15	5:02 PM	70	RA	001	590	590	572	6	PO		PASS
P-362*/P-399	W EOS / E EOS	06/30/15	5:05 PM	70	RA	001	590	590	572	16	PO		PASS
P-362*/P-400	W EOS / E EOS	06/30/15	5:14 PM	69	RA	001	590	590	572	6	PO		PASS
P-355*/P-400	W EOS / E EOS	06/30/15	5:18 PM	69	RA	001	590	590	572	16	PO		PASS
P-355*/P-401	W EOS / E EOS	06/30/15	5:27 PM	69	RA	001	590	590	572	6	PO		PASS
P-356*/P-401	W EOS / E EOS	06/30/15	5:30 PM	69	RA	001	590	590	572	16	PO		PASS
P-356*/P-402	W EOS / E EOS	06/30/15	5:39 PM	69	RA	001	590	590	572	6	PO		PASS
P-358*/P-402	W EOS / E EOS	06/30/15	5:40 PM	69	RA	001	590	590	572	16	PO		PASS
P-358*/P-405	W EOS / E EOS	06/30/15	5:55 PM	69	RA	001	590	590	572	3	PO		PASS
P-360*/P-405	W EOS / E EOS	06/30/15	5:56 PM	69	RA	001	590	590	572	20	PO		PASS
P-360*/P-406	W EOS / E EOS	06/30/15	6:04 PM	65	RA	001	590	590	572	2	PO		PASS
P-354*/P-408	W EOS / E EOS	06/30/15	6:06 PM	65	RA	001	590	590	572	5	PO		PASS
P-361*/P-408	N EOS / S EOS	06/30/15	6:11 PM	59	RA	001	590	590	572	7	PO		PASS
P-353*/P-408	N EOS / S EOS	06/30/15	6:16 PM	59	RA	001	590	590	572	9	PO		PASS
P-353*/P-409	N EOS / S EOS	06/30/15	6:18 PM	59	RA	001	590	590	572	3	PO		PASS
P-353*/P-410	N EOS / S EOS	06/30/15	6:19 PM	59	RA	001	590	590	572	2	PO		PASS
P-353*/P-411	N EOS / S EOS	06/30/15	6:25 PM	59	RA	001	590	590	572	9	PO		PASS
P-352*/P-411	N EOS / S EOS	06/30/15	6:27 PM	59	RA	001	590	590	572	12	PO	DX-29	PASS
P-315/P-412	S EOS / N EOS	07/02/15	8:05 AM	46	JC	121	590	590	572	6	GA		PASS
P-316/P-412	S EOS / N EOS	07/02/15	8:10 AM	46	JC	121	590	590	572	15	GA		PASS
P-316/P-413	S EOS / N EOS	07/02/15	8:30 AM	46	JC	121	590	590	572	5	GA		PASS
P-317/P-413	S EOS / N EOS	07/02/15	8:40 AM	46	JC	121	590	590	572	17	GA		PASS
P-317/P-415	S EOS / N EOS	07/02/15	9:05 AM	46	JC	121	590	590	572	6	GA		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-318/P-415	SEOS / NEOS	07/02/15	9:19 AM	46	JC	121	590	590	572	18	GA		PASS
P-318/P-416	SEOS / NEOS	07/02/15	9:21 AM	46	JC	121	590	590	572	4	GA		PASS
P-319/P-416	SEOS / NEOS	07/02/15	9:32 AM	46	JC	121	590	590	572	19	GA		PASS
P-319/P-418	SEOS / NEOS	07/02/15	9:33 AM	46	JC	121	590	590	572	3	GA		PASS
P-320/P-418	SEOS / NEOS	07/02/15	9:49 AM	46	JC	121	590	590	572	20	GA	DX-30	PASS
P-418/P-421	WEOS / EEOS	07/02/15	11:37 AM	46	JC	121	590	590	572	25	GA		PASS
P-419/P-421	EEOS / WEOS	07/02/15	11:40 AM	54	JC	121	590	590	572	20	JR		PASS
P-321/P-422	SEOS / NEOS	07/10/15	2:00 PM	62	JC	121	590	590	572	23	BM		PASS
P-322/P-423	SEOS / NEOS	07/10/15	2:10 PM	62	JC	121	590	590	572	22	BM		PASS
P-323/P-424	SEOS / NEOS	07/10/15	2:20 PM	62	JC	121	590	590	572	23	BM		PASS
P-324/P-425	SEOS / NEOS	07/10/15	2:30 PM	62	JC	121	590	590	572	22	BM		PASS
P-325/P-425	EEOS / WEOS	07/10/15	2:35 PM	62	JC	121	590	590	572	3	BM		PASS
P-325/P-426	SEOS / NEOS	07/10/15	2:40 PM	62	JC	121	590	590	572	23	BM	DX-31	PASS
P-326/P-426	SEOS / NEOS	07/11/15	7:26 AM	46	JC	121	590	590	572	3	BM		PASS
P-326/P-440	SEOS / NEOS	07/11/15	7:28 AM	46	JC	121	590	590	572	20	BM		PASS
P-327/P-440	SEOS / NEOS	07/11/15	7:38 AM	46	JC	121	590	590	572	5	BM	DX-32	PASS
P-11/P-485	NEOS / SEOS	07/12/15	4:00 PM	72	RA	001	590	590	572	16	JR		PASS
P-8/P-485	NEOS / SEOS	07/12/15	4:05 PM	72	RA	001	590	590	572	7	JR		PASS
P-8/P-481	NEOS / SEOS	07/12/15	4:06 PM	72	RA	001	590	590	572	16	JR		PASS
P-1/P-481	NEOS / SEOS	07/12/15	4:10 PM	72	RA	001	590	590	572	6	JR		PASS
P-1/P-482	NEOS / SEOS	07/12/15	4:12 PM	72	RA	001	590	590	572	16	JR		PASS
P-3/P-482	NEOS / SEOS	07/12/15	4:20 PM	72	RA	001	590	590	572	7	JR		PASS
P-3/P-483	NEOS / SEOS	07/12/15	4:22 PM	71	RA	001	590	590	572	16	JR		PASS
P-4/P-483	NEOS / SEOS	07/12/15	4:22 PM	71	RA	001	590	590	572	6	JR		PASS
P-4/P-484	NEOS / SEOS	07/12/15	4:35 PM	71	RA	001	590	590	572	16	JR		PASS
P-6/P-484	NEOS / SEOS	07/12/15	4:45 PM	71	RA	001	590	590	572	7	JR		PASS
P-6/P-487	NEOS / SEOS	07/12/15	4:50 PM	71	RA	001	590	590	572	14	JR		PASS
P-9/P-487	NEOS / SEOS	07/12/15	5:50 PM	71	RA	001	590	590	572	8	JR		PASS
P-15/P-488	NEOS / SEOS	07/12/15	5:20 PM	71	RA	001	590	590	572	16	JR		PASS
P-13/P-488	NEOS / SEOS	07/12/15	5:30 PM	71	RA	001	590	590	572	7	JR		PASS
P-13/P-486	NEOS / SEOS	07/12/15	5:33 PM	71	RA	001	590	590	572	16	JR	DX-33	PASS
P-11/P-484	NEOS / SEOS	07/12/15	5:40 PM	71	RA	001	590	590	572	7	JR		PASS
P-19/P-492	NEOS / SEOS	07/13/15	10:00 AM	60	RA	001	590	590	572	17	AF		PASS
P-17/P-492	NEOS / SEOS	07/13/15	10:05 AM	60	RA	001	590	590	572	7	AF		PASS
P-17/P-491	NEOS / SEOS	07/13/15	10:07 AM	60	RA	001	590	590	572	17	AF		PASS
P-16/P-491	NEOS / SEOS	07/13/15	10:13 AM	60	RA	001	590	590	572	7	AF		PASS
P-16/P-489	NEOS / SEOS	07/13/15	10:15 AM	60	RA	001	590	590	572	17	AF		PASS
P-15/P-489	NEOS / SEOS	07/13/15	10:20 AM	60	RA	001	590	590	572	6	AF		PASS
P-24/P-497	NEOS / SEOS	07/13/15	1:20 PM	79	RA	001	590	590	572	17	AF		PASS
P-22/P-497	NEOS / SEOS	07/13/15	1:27 PM	79	RA	001	590	590	572	6	AF		PASS
P-22/P-495	NEOS / SEOS	07/13/15	1:29 PM	79	RA	001	590	590	572	18	AF		PASS
P-21/P-495	NEOS / SEOS	07/13/15	1:37 PM	78	RA	001	590	590	572	5	AF		PASS
P-21/P-494	NEOS / SEOS	07/13/15	1:39 PM	78	RA	001	590	590	572	11	AF		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-19/P-494	N EOS / S EOS	07/13/15	1:50 PM	78	RA	001	590	590	572	6	AF	DX-34	PASS
P-27/P-500	N EOS / S EOS	07/13/15	4:05 PM	60	RA	001	590	590	572	17	KS		PASS
P-26/P-500	N EOS / S EOS	07/13/15	4:07 PM	60	RA	001	590	590	572	5	KS		PASS
P-26/P-499	N EOS / S EOS	07/13/15	4:15 PM	60	RA	001	590	590	572	17	KS		PASS
P-24/P-499	N EOS / S EOS	07/13/15	4:20 PM	61	RA	001	590	590	572	6	KS		PASS
P-511/P-512	W EOS / E EOS	07/14/15	1:32 PM	60	RA	001	590	590	572	7	KS	DX-35	PASS
P-510/P-512	N EOS / S EOS	07/14/15	1:34 PM	60	RA	001	590	590	572	20	KS		PASS
P-32/P-504	N EOS / S EOS	07/15/15	8:50 AM	60	RA	001	590	590	572	17	KS		PASS
P-31/P-504	N EOS / S EOS	07/15/15	8:53 AM	61	RA	001	590	590	572	6	KS		PASS
P-31/P-503	N EOS / S EOS	07/15/15	9:02 AM	61	RA	001	590	590	572	18	KS	DX-36	PASS
P-503/P-513	N EOS / S EOS	07/16/15	8:20 AM	62	JC	121	590	590	572	13	KS		PASS
P-502/P-513	N EOS / S EOS	07/16/15	8:22 AM	63	JC	121	590	590	572	24	KS		PASS
P-501/P-511	N EOS / S EOS	07/16/15	8:55 AM	63	JC	121	590	590	572	23	KS		PASS
P-500/P-511	N EOS / S EOS	07/16/15	9:00 AM	63	JC	121	590	590	572	18	KS		PASS
P-500/P-512	N EOS / S EOS	07/16/15	9:30 AM	63	JC	121	590	590	572	5	KS		PASS
P-499/P-512	N EOS / S EOS	07/16/15	9:42 AM	63	JC	121	590	590	572	15	KS		PASS
P-499/P-510	N EOS / S EOS	07/16/15	9:45 AM	63	JC	121	590	590	572	6	KS		PASS
P-498/P-510	N EOS / S EOS	07/16/15	9:54 AM	63	JC	121	590	590	572	14	KS	DX-37	PASS
P-30/P-503	N EOS / S EOS	07/16/15	8:41 AM	63	RA	001	590	590	572	5	KS		PASS
P-30/P-502	N EOS / S EOS	07/16/15	8:45 AM	64	RA	001	590	590	572	17	KS		PASS
P-28/P-502	N EOS / S EOS	07/16/15	8:48 AM	64	RA	001	590	590	572	5	KS		PASS
P-28/P-501	N EOS / S EOS	07/16/15	8:50 AM	63	RA	001	590	590	572	17	KS		PASS
P-27/P-501	N EOS / S EOS	07/16/15	8:54 AM	63	RA	001	590	590	572	5	KS		PASS
P-41/P-514	E EOS / W EOS	07/16/15	10:25 AM	63	RA	001	590	590	572	2	KS		PASS
P-41/P-509	N EOS / S EOS	07/16/15	10:30 AM	63	RA	001	590	590	572	21	KS		PASS
P-38/P-509	N EOS / S EOS	07/16/15	10:35 AM	63	RA	001	590	590	572	3	KS		PASS
P-38/P-508	N EOS / S EOS	07/16/15	10:35 AM	63	RA	001	590	590	572	20	KS		PASS
P-37/P-508	N EOS / S EOS	07/16/15	10:43 AM	63	RA	001	590	590	572	3	KS		PASS
P-37/P-507	N EOS / S EOS	07/16/15	10:50 AM	63	RA	001	590	590	572	19	KS		PASS
P-36/P-507	N EOS / S EOS	07/16/15	10:56 AM	63	RA	001	590	590	572	3	KS		PASS
P-36/P-506	N EOS / S EOS	07/16/15	10:56 AM	61	RA	001	590	590	572	18	KS		PASS
P-33/P-506	N EOS / S EOS	07/16/15	11:00 AM	61	RA	001	590	590	572	4	KS		PASS
P-33/P-505	N EOS / S EOS	07/16/15	11:12 AM	61	RA	001	590	590	572	18	KS	DX-38	PASS
P-32/P-505	N EOS / S EOS	07/16/15	11:40 AM	62	RA	001	590	590	572	4	KS		PASS
P-53/P-530	N EOS / S EOS	07/16/15	5:55 PM	60	RA	001	590	590	572	7	KS		PASS
P-52/P-530	N EOS / S EOS	07/16/15	5:56 PM	60	RA	001	590	590	572	17	KS		PASS
P-51/P-524	N EOS / S EOS	07/16/15	4:00 PM	60	RA	001	590	590	572	5	KS		PASS
P-48/P-524	N EOS / S EOS	07/16/15	4:03 PM	60	RA	001	590	590	572	17	KS		PASS
P-48/P-520	N EOS / S EOS	07/16/15	4:10 PM	60	RA	001	590	590	572	4	KS		PASS
P-47/P-520	N EOS / S EOS	07/16/15	4:12 PM	60	RA	001	590	590	572	18	KS		PASS
P-47/P-519	N EOS / S EOS	07/16/15	4:18 PM	60	RA	001	590	590	572	4	KS		PASS
P-45/P-519	N EOS / S EOS	07/16/15	4:20 PM	60	RA	001	590	590	572	19	KS		PASS
P-45/P-515	N EOS / S EOS	07/16/15	4:26 PM	60	RA	001	590	590	572	3	KS		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-44/P-515	N EOS / S EOS	07/16/15	4:27 PM	60	RA	001	590	590	572	19	KS		PASS
P-43/P-514	N EOS / S EOS	07/16/15	4:35 PM	60	RA	001	590	590	572	22	KS		PASS
P-57/P-539	N EOS / S EOS	07/17/15	5:35 PM	58	JC	121	590	590	572	9	BM		PASS
P-55/P-539	N EOS / S EOS	07/17/15	5:44 PM	58	JC	121	590	590	572	13	BM		PASS
P-55/P-535	N EOS / S EOS	07/17/15	5:05 PM	58	JC	121	590	590	572	9	BM		PASS
P-53/P-535	N EOS / S EOS	07/17/15	5:10 PM	58	JC	121	590	590	572	13	BM	DX-39	PASS
P-52/P-525	N EOS / S EOS	07/17/15	4:25 PM	62	JC	121	590	590	572	6	BM		PASS
P-51/P-525	N EOS / S EOS	07/17/15	4:30 PM	62	JC	121	590	590	572	17	BM		PASS
P-66/P-555	N EOS / S EOS	07/18/15	8:00 AM	62	JC	121	590	590	572	13	BM		PASS
P-65/P-555	N EOS / S EOS	07/18/15	8:05 AM	62	JC	121	590	590	572	9	BM		PASS
P-65/P-553	N EOS / S EOS	07/18/15	8:07 AM	62	JC	121	590	590	572	14	BM		PASS
P-63/P-553	N EOS / S EOS	07/18/15	8:10 AM	62	JC	121	590	590	572	9	BM		PASS
P-63/P-548	N EOS / S EOS	07/18/15	8:20 AM	62	JC	121	590	590	572	12	BM		PASS
P-62/P-548	N EOS / S EOS	07/18/15	8:25 AM	62	JC	121	590	590	572	11	BM		PASS
P-62/P-542	N EOS / S EOS	07/18/15	8:30 AM	62	JC	121	590	590	572	11	BM		PASS
P-60/P-542	N EOS / S EOS	07/18/15	8:40 AM	62	JC	121	590	590	572	11	BM		PASS
P-60/P-545	N EOS / S EOS	07/18/15	8:45 AM	62	JC	121	590	590	572	10	BM		PASS
P-59/P-545	N EOS / S EOS	07/18/15	8:50 AM	62	JC	121	590	590	572	12	BM		PASS
P-59/P-540	N EOS / S EOS	07/18/15	8:55 AM	62	JC	121	590	590	572	10	BM		PASS
P-57/P-540	N EOS / S EOS	07/18/15	9:00 AM	70	JC	121	590	590	572	13	BM	DX-40	PASS
P-89/P-578	N EOS / S EOS	07/19/15	9:40 AM	61	JC	121	590	590	572	14	TJB		PASS
P-87/P-578	N EOS / S EOS	07/19/15	9:45 AM	61	JC	121	590	590	572	7	TJB		PASS
P-87/P-577	N EOS / S EOS	07/19/15	9:50 AM	61	JC	121	590	590	572	15	TJB		PASS
P-86/P-577	N EOS / S EOS	07/19/15	9:55 AM	61	JC	121	590	590	572	7	TJB		PASS
P-86/P-576	N EOS / S EOS	07/19/15	9:58 AM	61	JC	121	590	590	572	15	TJB		PASS
P-84/P-576	N EOS / S EOS	07/19/15	10:05 AM	65	JC	121	590	590	572	8	TJB		PASS
P-84/P-575	N EOS / S EOS	07/19/15	10:08 AM	65	JC	121	590	590	572	15	TJB		PASS
P-82/P-575	N EOS / S EOS	07/19/15	10:15 AM	65	JC	121	590	590	572	8	TJB		PASS
P-82/P-574	N EOS / S EOS	07/19/15	10:20 AM	65	JC	121	590	590	572	15	TJB		PASS
P-81/P-574	N EOS / S EOS	07/19/15	10:25 AM	65	JC	121	590	590	572	8	TJB		PASS
P-81/P-573	N EOS / S EOS	07/19/15	10:28 AM	65	JC	121	590	590	572	15	TJB		PASS
P-79/P-573	N EOS / S EOS	07/19/15	10:35 AM	65	JC	121	590	590	572	9	TJB		PASS
P-79/P-572	N EOS / S EOS	07/19/15	10:40 AM	65	JC	121	590	590	572	15	TJB		PASS
P-78/P-572	N EOS / S EOS	07/19/15	10:45 AM	65	JC	121	590	590	572	8	TJB		PASS
P-78/P-569	N EOS / S EOS	07/19/15	10:55 AM	65	JC	121	590	590	572	14	TJB		PASS
P-75/P-569	N EOS / S EOS	07/19/15	11:00 AM	65	JC	121	590	590	572	8	TJB		PASS
P-75/P-570	N EOS / S EOS	07/19/15	11:05 AM	65	JC	121	590	590	572	15	TJB		PASS
P-74/P-570	N EOS / S EOS	07/19/15	11:10 AM	65	JC	121	590	590	572	9	TJB		PASS
P-74/P-563	N EOS / S EOS	07/19/15	11:15 AM	65	JC	121	590	590	572	15	TJB		PASS
P-73/P-563	N EOS / S EOS	07/19/15	11:20 AM	65	JC	121	590	590	572	8	TJB		PASS
P-73/P-571	N EOS / S EOS	07/19/15	11:30 AM	65	JC	121	590	590	572	14	TJB		PASS
P-71/P-571	N EOS / S EOS	07/19/15	11:35 AM	65	JC	121	590	590	572	8	TJB		PASS
P-71/P-561	N EOS / S EOS	07/19/15	11:40 AM	65	JC	121	590	590	572	15	TJB		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-70/P-561	N EOS / S EOS	07/19/15	11:45 AM	65	JC	121	590	590	572	9	TJB		PASS
P-70/P-559	N EOS / S EOS	07/19/15	11:50 AM	65	JC	121	590	590	572	15	TJB		PASS
P-68/P-559	N EOS / S EOS	07/19/15	11:50 AM	65	JC	121	590	590	572	8	TJB		PASS
P-68/P-557	N EOS / S EOS	07/19/15	11:55 AM	65	JC	121	590	590	572	15	TJB		PASS
P-66/P-557	N EOS / S EOS	07/19/15	12:00 PM	65	JC	121	590	590	572	9	TJB	DX-41	PASS
P-98/P-586	N EOS / S EOS	07/20/15	8:40 AM	55	JC	121	590	590	572	13	KS		PASS
P-96/P-586	N EOS / S EOS	07/20/15	8:45 AM	55	JC	121	590	590	572	7	KS		PASS
P-96/P-584	N EOS / S EOS	07/20/15	8:50 AM	55	JC	121	590	590	572	16	MT		PASS
P-94/P-584	N EOS / S EOS	07/20/15	9:00 AM	55	JC	121	590	590	572	6	MT		PASS
P-94/P-587	N EOS / S EOS	07/20/15	9:05 AM	55	JC	121	590	590	572	15	MT		PASS
P-93/P-587	N EOS / S EOS	07/20/15	9:10 AM	55	JC	121	590	590	572	7	MT		PASS
P-93/P-581	N EOS / S EOS	07/20/15	9:15 AM	55	JC	121	590	590	572	16	MT		PASS
P-90/P-581	N EOS / S EOS	07/20/15	9:15 AM	55	JC	121	590	590	572	7	MT		PASS
P-90/P-579	N EOS / S EOS	07/20/15	9:20 AM	55	JC	121	590	590	572	16	MT		PASS
P-89/P-579	N EOS / S EOS	07/20/15	9:20 AM	55	JC	121	590	590	572	7	BM	DX-42	PASS
P-109/P-615	N EOS / S EOS	07/23/15	11:30 AM	67	JC	121	590	590	572	17	BM		PASS
P-108/P-615	N EOS / S EOS	07/23/15	11:35 AM	67	JC	121	590	590	572	5	BM		PASS
P-108/P-613	N EOS / S EOS	07/23/15	10:45 AM	62	JC	121	590	590	572	18	BM		PASS
P-106/P-613	N EOS / S EOS	07/23/15	9:45 AM	60	JC	121	590	590	572	5	BM		PASS
P-106/P-610	N EOS / S EOS	07/23/15	9:50 AM	60	JC	121	590	590	572	18	BM		PASS
P-105/P-610	N EOS / S EOS	07/23/15	9:55 AM	60	JC	121	590	590	572	5	BM		PASS
P-105/P-611	N EOS / S EOS	07/23/15	10:00 AM	65	JC	121	590	590	572	18	BM		PASS
P-103/P-611	N EOS / S EOS	07/23/15	10:05 AM	65	JC	121	590	590	572	5	BM		PASS
P-103/P-609	N EOS / S EOS	07/23/15	10:10 AM	65	JC	121	590	590	572	17	BM		PASS
P-102/P-609	N EOS / S EOS	07/23/15	10:15 AM	65	JC	121	590	590	572	5	BM		PASS
P-102/P-608	N EOS / S EOS	07/23/15	10:18 AM	65	JC	121	590	590	572	18	BM		PASS
P-99/P-608	N EOS / S EOS	07/23/15	10:25 AM	65	JC	121	590	590	572	5	BM		PASS
P-99/P-607	N EOS / S EOS	07/23/15	10:30 AM	65	JC	121	590	590	572	17	BM		PASS
P-98/P-607	N EOS / S EOS	07/23/15	10:35 AM	65	JC	121	590	590	572	6	BM		PASS
P-113/P-634	N EOS / S EOS	07/23/15	12:45 PM	71	JC	121	590	590	572	20	BM		PASS
P-113/P-633	N EOS / S EOS	07/23/15	12:48 PM	71	JC	121	590	590	572	3	BM		PASS
P-112/P-633	N EOS / S EOS	07/23/15	12:50 PM	71	JC	121	590	590	572	21	BM	DX-43	PASS
P-109/P-630	N EOS / S EOS	07/23/15	12:55 PM	71	JC	121	590	590	572	5	BM		PASS
P-345*/P-638	N EOS / S EOS	07/24/15	1:00 PM	74	JC	121	590	590	572	18	BM		PASS
P-343*/P-638	N EOS / S EOS	07/24/15	1:09 PM	74	JC	121	590	590	572	3	BM		PASS
P-343*/P-637	N EOS / S EOS	07/24/15	1:10 PM	74	JC	121	590	590	572	19	BM		PASS
P-341*/P-637	N EOS / S EOS	07/24/15	11:17 AM	75	JC	121	590	590	572	3	BM		PASS
P-341*/P-636	W EOS / E EOS	07/24/15	11:25 AM	75	JC	121	590	590	572	5	BM		PASS
P-213*/P-636	W EOS / E EOS	07/24/15	11:30 AM	75	JC	121	590	590	572	54	BM		PASS
P-212*/P-636	W EOS / E EOS	07/24/15	12:00 PM	76	JC	121	590	590	572	14	BM		PASS
P-349*/P-640	N EOS / S EOS	07/24/15	2:55 PM	73	JC	121	590	590	572	18	JR		PASS
P-348*/P-640	N EOS / S EOS	07/24/15	3:06 PM	73	JC	121	590	590	572	3	JR		PASS
P-348*/P-639	N EOS / S EOS	07/24/15	3:07 PM	73	JC	121	590	590	572	19	JR		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-345*/P-639	N EOS / S EOS	07/24/15	3:20 PM	73	JC	121	590	590	572	3	JR		PASS
P-351*/P-641	N EOS / S EOS	07/24/15	4:00 PM	73	JC	121	590	590	572	19	JR		PASS
P-352*/P-643	N EOS / S EOS	07/24/15	4:12 PM	72	JC	121	590	590	572	11	JR		PASS
P-351*/P-643	N EOS / S EOS	07/24/15	4:17 PM	72	JC	121	590	590	572	3	JR		PASS
P-411/P-644	N EOS / S EOS	07/24/15	4:45 PM	72	JC	121	590	590	572	14	JR		PASS
P-642/P-644	N EOS / S EOS	07/24/15	4:56 PM	72	JC	121	590	590	572	7	JR	DX-44	PASS
P-410/P-645	N EOS / S EOS	07/25/15	8:45 AM	63	JC	121	590	590	572	13	JR		PASS
P-411/P-645	N EOS / S EOS	07/25/15	8:47 AM	63	JC	121	590	590	572	7	JR	DX-45	PASS
P-409/P-646	N EOS / S EOS	07/27/15	9:40 AM	70	JC	121	590	590	572	21	AF		PASS
P-410/P-646	N EOS / S EOS	07/27/15	9:55 AM	70	JC	121	590	590	572	3	AF		PASS
P-408/P-647	N EOS / S EOS	07/27/15	10:22 AM	71	JC	121	590	590	572	22	AF		PASS
P-406/P-648	N EOS / S EOS	07/27/15	10:51 AM	71	JC	121	590	590	572	10	AF		PASS
P-407/P-648	N EOS / S EOS	07/27/15	10:53 AM	71	JC	121	590	590	572	17	AF		PASS
P-408/P-648	N EOS / S EOS	07/27/15	11:00 AM	71	JC	121	590	590	572	2	AF		PASS
P-405/P-649	N EOS / S EOS	07/27/15	11:22 AM	72	JC	121	590	590	572	24	AF		PASS
P-406/P-649	N EOS / S EOS	07/27/15	11:27 AM	72	JC	121	590	590	572	9	AF		PASS
P-403/P-651	W EOS / E EOS	07/27/15	1:33 PM	70	JC	121	590	590	572	5	AF		PASS
P-404/P-651	W EOS / E EOS	07/27/15	1:34 PM	70	JC	121	590	590	572	19	AF	DX-46	PASS
P-403/P-661	W EOS / E EOS	07/27/15	5:35 PM	73	JC	121	590	590	572	10	AF		PASS
P-218/P-699	S EOS / N EOS	07/30/15	1:35 PM	68	AR	001	590	590	572	23	BM		PASS
P-219/P-700	S EOS / N EOS	07/30/15	1:43 PM	68	AR	001	590	590	572	22	BM		PASS
P-220/P-701	S EOS / N EOS	07/30/15	1:53 PM	68	AR	001	590	590	572	23	BM		PASS
P-224/P-702	S EOS / N EOS	07/30/15	2:03 PM	68	AR	001	590	590	572	22	BM		PASS
P-225/P-703	S EOS / N EOS	07/30/15	2:23 PM	68	AR	001	590	590	572	23	BM		PASS
P-229/P-704	S EOS / N EOS	07/30/15	3:25 PM	64	AR	001	590	590	572	22	BM		PASS
P-230/P-706	N EOS / S EOS	07/30/15	3:35 PM	64	AR	001	590	590	572	2	BM		PASS
P-230/P-705	S EOS / N EOS	07/30/15	3:40 PM	64	AR	001	590	590	572	23	BM		PASS
P-235/P-706	S EOS / N EOS	07/30/15	3:45 PM	64	AR	001	590	590	572	22	BM		PASS
P-235/P-707	N EOS / S EOS	07/30/15	3:55 PM	64	AR	001	590	590	572	2	BM		PASS
P-236/P-707	S EOS / N EOS	07/30/15	3:50 PM	64	AR	001	590	590	572	21	BM		PASS
P-236/P-708	S EOS / N EOS	07/30/15	4:05 PM	62	AR	001	590	590	572	2	BM		PASS
P-238/P-708	S EOS / N EOS	07/30/15	4:06 PM	62	AR	001	590	590	572	20	BM		PASS
P-238/P-709	S EOS / N EOS	07/30/15	4:25 PM	62	AR	001	590	590	572	2	BM		PASS
P-239/P-709	S EOS / N EOS	07/30/15	4:26 PM	62	AR	001	590	590	572	20	BM		PASS
P-239/P-710	S EOS / N EOS	07/30/15	4:48 PM	62	AR	001	590	590	572	3	BM		PASS
P-242/P-710	S EOS / N EOS	07/30/15	4:50 PM	62	AR	001	590	590	572	10	BM		PASS
P-242/P-711	S EOS / N EOS	07/30/15	5:03 PM	63	AR	001	590	590	572	11	BM		PASS
P-243/P-711	S EOS / N EOS	07/30/15	5:09 PM	63	AR	001	590	590	572	13	BM		PASS
P-243/P-712	S EOS / N EOS	07/30/15	5:19 PM	63	AR	001	590	590	572	8	BM		PASS
P-245/P-712	S EOS / N EOS	07/30/15	5:23 PM	63	AR	001	590	590	572	17	BM	DX-47	PASS
P-712/P-724	W EOS / E EOS	08/01/15	8:20 AM	64	RA	001	590	590	572	4	KS		PASS
P-245/P-724	W EOS / E EOS	08/01/15	8:23 AM	64	RA	001	590	590	572	2	KS		PASS
P-253/P-724	W EOS / E EOS	08/01/15	8:25 AM	64	RA	001	590	590	572	19	KS		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-252/P-725	W EOS / E EOS	08/01/15	8:28 AM	66	RA	001	590	590	572	22	KS		PASS
P-251/P-726	W EOS / E EOS	08/01/15	8:31 AM	66	RA	001	590	590	572	23	KS		PASS
P-249/P-727	W EOS / E EOS	08/01/15	8:40 AM	66	RA	001	590	590	572	21	KS		PASS
P-249/P-728	W EOS / E EOS	08/01/15	10:00 AM	70	RA	001	590	590	572	3	KS		PASS
P-248/P-728	W EOS / E EOS	08/01/15	10:01 AM	70	RA	001	590	590	572	18	KS		PASS
P-248/P-729	W EOS / E EOS	08/01/15	11:00 AM	75	RA	001	590	590	572	5	KS		PASS
P-246/P-729	W EOS / E EOS	08/01/15	11:06 AM	75	RA	001	590	590	572	21	KS		PASS
P-255/P-734	W EOS / E EOS	08/01/15	11:12 AM	75	RA	001	590	590	572	22	KS	DX-48	PASS
P-257/P-742	W EOS / E EOS	08/03/15	10:26 AM	60	RA	001	590	590	572	22.5	KS		PASS
P-258/P-743	W EOS / E EOS	08/03/15	10:30 AM	60	RA	001	590	590	572	21	KS		PASS
P-258/P-744	W EOS / E EOS	08/03/15	10:36 AM	60	RA	001	590	590	572	2	KS		PASS
P-259/P-744	W EOS / E EOS	08/03/15	10:37 AM	60	RA	001	590	590	572	21	KS	DX-49	PASS
P-259/P-745	W EOS / E EOS	08/04/15	9:25 AM	68	JC	121	590	550	572	3	TB		PASS
P-263/P-745	W EOS / E EOS	08/04/15	1:05 PM	68	JC	121	590	550	572	19	TB		PASS
P-263/P-760	W EOS / E EOS	08/04/15	1:13 PM	68	JC	121	590	550	572	4	TB		PASS
P-264/P-760	W EOS / E EOS	08/04/15	1:15 PM	68	JC	121	590	550	572	6	TB		PASS
P-264/P-746	W EOS / E EOS	08/04/15	1:25 PM	68	JC	121	590	550	572	6	TB		PASS
P-268/P-746	W EOS / E EOS	08/04/15	1:28 PM	68	JC	121	590	550	572	18	TB		PASS
P-268/P-747	W EOS / E EOS	08/04/15	1:34 PM	68	JC	121	590	550	572	4	TB		PASS
P-347/P-747	W EOS / E EOS	08/04/15	1:35 PM	68	JC	121	590	550	572	10	TB		PASS
P-348/P-747	SEOS / NEOS	08/04/15	1:41 PM	68	JC	121	590	550	572	8	TB		PASS
P-348/P-748	SEOS / NEOS	08/04/15	1:45 PM	68	JC	121	590	550	572	15	TB		PASS
P-349/P-748	SEOS / NEOS	08/04/15	2:30 PM	68	JC	121	590	550	572	5	TB		PASS
P-349/P-749	SEOS / NEOS	08/04/15	2:33 PM	68	JC	121	590	550	572	18	TB		PASS
P-350/P-749	SEOS / NEOS	08/04/15	2:43 PM	68	JC	121	590	550	572	6	TB		PASS
P-350/P-750	SEOS / NEOS	08/04/15	2:45 PM	68	JC	121	590	550	572	18	TB		PASS
P-351/P-750	SEOS / NEOS	08/04/15	2:50 PM	68	JC	121	590	550	572	5	TB		PASS
P-351/P-753	SEOS / NEOS	08/04/15	2:35 PM	68	JC	121	590	550	572	17	TB		PASS
P-353/P-753	SEOS / NEOS	08/04/15	3:00 PM	68	JC	121	590	550	572	3	TB		PASS
P-353/P-754	SEOS / NEOS	08/04/15	3:03 PM	68	JC	121	590	550	572	20	TB		PASS
P-354/P-754	SEOS / NEOS	08/04/15	3:10 PM	68	JC	121	590	550	572	2	TB		PASS
P-354/P-757	SEOS / NEOS	08/04/15	3:45 PM	68	JC	121	590	550	572	20	TB		PASS
P-356/P-757	SEOS / NEOS	08/04/15	3:55 PM	68	JC	121	590	550	572	2	TB		PASS
P-356/P-758	SEOS / NEOS	08/04/15	3:56 PM	68	JC	121	590	550	572	20	TB		PASS
P-357/P-758	SEOS / NEOS	08/04/15	4:05 PM	68	JC	121	590	550	572	2	TB		PASS
P-361/P-759	SEOS / NEOS	08/04/15	4:06 PM	68	JC	121	590	550	572	20	TB		PASS
P-361/P-763	SEOS / NEOS	08/04/15	5:08 PM	68	JC	121	590	550	572	1	TB		PASS
P-363/P-763	SEOS / NEOS	08/04/15	5:08 PM	68	JC	121	590	550	572	22	TB		PASS
P-363/P-764	SEOS / NEOS	08/04/15	5:18 PM	68	JC	121	590	550	572	1	TB		PASS
P-364/P-764	SEOS / NEOS	08/04/15	5:18 PM	68	JC	121	590	550	572	19	TB		PASS
P-364/P-765	SEOS / NEOS	08/04/15	5:27 PM	68	JC	121	590	550	572	3	TB		PASS
P-366/P-765	SEOS / NEOS	08/04/15	5:31 PM	68	JC	121	590	550	572	19	TB		PASS
P-366/P-766	SEOS / NEOS	08/04/15	5:39 PM	68	JC	121	590	550	572	3	TB		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-367/P-766	SEOS / NEOS	08/04/15	5:40 PM	68	JC	121	590	550	572	19	TB	DX-50	PASS
P-518/P-778	NEOS / SEOS	08/05/15	7:00 AM	56	JC	121	590	590	572	11	KS		PASS
P-514/P-778	NEOS / SEOS	08/05/15	7:15 AM	56	JC	121	590	590	572	11	KS		PASS
P-514/P-777	NEOS / SEOS	08/05/15	7:20 AM	56	JC	121	590	590	572	11	KS		PASS
P-509/P-777	NEOS / SEOS	08/05/15	7:30 AM	57	JC	121	590	590	572	12	KS		PASS
P-509/P-775	NEOS / SEOS	08/05/15	7:38 AM	57	JC	121	590	590	572	9	KS		PASS
P-509/P-774	NEOS / SEOS	08/05/15	7:44 AM	57	JC	121	590	590	572	1	KS		PASS
P-508/P-774	NEOS / SEOS	08/05/15	7:44 AM	57	JC	121	590	590	572	21	KS		PASS
P-508/P-773	NEOS / SEOS	08/05/15	7:54 AM	57	JC	121	590	590	572	2	KS		PASS
P-507/P-773	NEOS / SEOS	08/05/15	7:54 AM	57	JC	121	590	590	572	22	KS		PASS
P-506/P-771	NEOS / SEOS	08/05/15	8:15 AM	57	JC	121	590	590	572	23	BM		PASS
P-505/P-770	NEOS / SEOS	08/05/15	8:25 AM	57	JC	121	590	590	572	22	BM		PASS
P-504/P-769	NEOS / SEOS	08/05/15	8:43 AM	57	JC	121	590	590	572	23	BM		PASS
P-503/P-767	NEOS / SEOS	08/05/15	9:00 AM	60	JC	121	590	590	572	12	BM	DX-51	PASS
P-534/P-788	NEOS / SEOS	08/05/15	2:55 PM	73	JC	121	590	590	572	12	BM		PASS
P-533/P-788	NEOS / SEOS	08/05/15	3:06 PM	73	JC	121	590	590	572	11	BM		PASS
P-533/P-786	NEOS / SEOS	08/05/15	3:15 PM	73	JC	121	590	590	572	12	BM		PASS
P-530/P-786	NEOS / SEOS	08/05/15	3:20 PM	73	JC	121	590	590	572	10	BM		PASS
P-530/P-785	NEOS / SEOS	08/05/15	3:24 PM	73	JC	121	590	590	572	12	BM		PASS
P-529/P-785	NEOS / SEOS	08/05/15	3:28 PM	73	JC	121	590	590	572	11	BM		PASS
P-529/P-783	NEOS / SEOS	08/05/15	3:35 PM	73	JC	121	590	590	572	12	BM		PASS
P-524/P-783	NEOS / SEOS	08/05/15	3:38 PM	73	JC	121	590	590	572	10	BM		PASS
P-524/P-782	NEOS / SEOS	08/05/15	3:45 PM	73	JC	121	590	590	572	12	BM		PASS
P-523/P-782	NEOS / SEOS	08/05/15	3:50 PM	73	JC	121	590	590	572	11	BM		PASS
P-523/P-781	NEOS / SEOS	08/05/15	4:00 PM	73	JC	121	590	590	572	12	BM		PASS
P-519/P-781	NEOS / SEOS	08/05/15	4:05 PM	73	JC	121	590	590	572	10	BM		PASS
P-519/P-779	NEOS / SEOS	08/05/15	4:10 PM	73	JC	121	590	590	572	12	BM		PASS
P-518/P-779	NEOS / SEOS	08/05/15	4:15 PM	73	JC	121	590	590	572	11	BM		PASS
P-554/P-805	NEOS / SEOS	08/06/15	7:15 AM	57	JC	121	590	590	572	17	BM		PASS
P-552/P-805	NEOS / SEOS	08/06/15	7:20 AM	57	JC	121	590	590	572	5	BM		PASS
P-552/P-802	NEOS / SEOS	08/06/15	7:22 AM	57	JC	121	590	590	572	18	BM		PASS
P-551/P-802	NEOS / SEOS	08/06/15	7:25 AM	57	JC	121	590	590	572	5	BM		PASS
P-551/P-799	NEOS / SEOS	08/06/15	7:28 AM	57	JC	121	590	590	572	14	BM		PASS
P-549/P-799	NEOS / SEOS	08/06/15	7:30 AM	57	JC	121	590	590	572	8	BM		PASS
P-549/P-798	NEOS / SEOS	08/06/15	7:35 AM	57	JC	121	590	590	572	15	BM		PASS
P-546/P-798	NEOS / SEOS	08/06/15	7:40 AM	57	JC	121	590	590	572	8	BM		PASS
P-546/P-796	NEOS / SEOS	08/06/15	7:45 AM	57	JC	121	590	590	572	14	BM		PASS
P-543/P-796	NEOS / SEOS	08/06/15	7:50 AM	57	JC	121	590	590	572	8	BM		PASS
P-543/P-795	NEOS / SEOS	08/06/15	7:55 AM	57	JC	121	590	590	572	15	BM		PASS
P-538/P-795	NEOS / SEOS	08/06/15	8:00 AM	63	JC	121	590	590	572	8	BM		PASS
P-538/P-793	NEOS / SEOS	08/06/15	8:05 AM	63	JC	121	590	590	572	14	BM		PASS
P-537/P-793	NEOS / SEOS	08/06/15	8:15 AM	63	JC	121	590	590	572	8	BM		PASS
P-537/P-792	NEOS / SEOS	08/06/15	8:30 AM	63	JC	121	590	590	572	15	BM		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-536/P-792	N EOS / S EOS	08/06/15	8:40 AM	63	JC	121	590	590	572	8	BM		PASS
P-536/P-790	N EOS / S EOS	08/06/15	8:50 AM	63	JC	121	590	590	572	14	BM		PASS
P-535/P-790	N EOS / S EOS	08/06/15	9:00 AM	65	JC	121	590	590	572	8	BM		PASS
P-535/P-789	N EOS / S EOS	08/06/15	9:10 AM	65	JC	121	590	590	572	16	BM		PASS
P-534/P-789	N EOS / S EOS	08/06/15	9:30 AM	65	JC	121	590	590	572	7	BM	DX-52	PASS
P-367/P-807	S EOS / N EOS	08/07/15	10:50 AM	73	JC	121	590	590	572	4	TB		PASS
P-369/P-807	S EOS / N EOS	08/07/15	10:52 AM	74	JC	121	590	590	572	19	TB		PASS
P-369/P-808	S EOS / N EOS	08/07/15	11:02 AM	75	JC	121	590	590	572	5	TB		PASS
P-370/P-808	S EOS / N EOS	08/07/15	11:04 AM	75	JC	121	590	590	572	19	TB		PASS
P-370/P-809	S EOS / N EOS	08/07/15	11:14 AM	75	JC	121	590	590	572	4	TB		PASS
P-372/P-809	S EOS / N EOS	08/07/15	11:16 AM	75	JC	121	590	590	572	19	TB		PASS
P-372/P-811	S EOS / N EOS	08/07/15	11:22 AM	75	JC	121	590	590	572	4	TB		PASS
P-373/P-811	S EOS / N EOS	08/07/15	11:24 AM	75	JC	121	590	590	572	19	TB		PASS
P-373/P-812	S EOS / N EOS	08/07/15	11:34 AM	75	JC	121	590	590	572	4	TB		PASS
P-374/P-812	S EOS / N EOS	08/07/15	11:37 AM	75	JC	121	590	590	572	19	TB		PASS
P-374/P-814	S EOS / N EOS	08/07/15	11:48 AM	76	JC	121	590	590	572	4	TB		PASS
P-376/P-814	S EOS / N EOS	08/07/15	11:50 AM	74	JC	121	590	590	572	19	TB		PASS
P-376/P-815	S EOS / N EOS	08/07/15	2:15 PM	74	JC	121	590	590	572	4	TB		PASS
P-377/P-815	S EOS / N EOS	08/07/15	2:17 PM	74	JC	121	590	590	572	19	TB		PASS
P-377/P-816	S EOS / N EOS	08/07/15	2:30 PM	74	JC	121	590	590	572	4	TB		PASS
P-379/P-816	S EOS / N EOS	08/07/15	2:34 PM	74	JC	121	590	590	572	19	TB		PASS
P-379/P-817	S EOS / N EOS	08/07/15	2:38 PM	74	JC	121	590	590	572	4	TB		PASS
P-412/P-817	S EOS / N EOS	08/07/15	2:40 PM	74	JC	121	590	590	572	19	TB		PASS
P-432/P-817	S EOS / N EOS	08/07/15	2:46 PM	74	JC	121	590	590	572	2	TB		PASS
P-443/P-818	S EOS / N EOS	08/07/15	2:47 PM	74	JC	121	590	590	572	30	TB		PASS
P-444/P-818	S EOS / N EOS	08/07/15	2:53 PM	74	JC	121	590	590	572	3	TB		PASS
P-444/P-820	S EOS / N EOS	08/07/15	2:54 PM	74	JC	121	590	590	572	12	TB		PASS
P-444/P-821	E EOS / W EOS	08/07/15	3:00 PM	74	JC	121	590	590	572	10	TB		PASS
P-445/P-821	E EOS / W EOS	08/07/15	3:05 PM	75	JC	121	590	590	572	12	TB		PASS
P-445/P-822	E EOS / W EOS	08/07/15	3:10 PM	75	JC	121	590	590	572	10	TB		PASS
P-846/P-822	E EOS / W EOS	08/07/15	3:15 PM	75	JC	121	590	590	572	13	TB		PASS
P-846/P-823	E EOS / W EOS	08/07/15	3:21 PM	75	JC	121	590	590	572	9	TB		PASS
P-447/P-823	E EOS / W EOS	08/07/15	3:24 PM	75	JC	121	590	590	572	13	TB		PASS
P-447/P-824	E EOS / W EOS	08/07/15	3:30 PM	75	JC	121	590	590	572	10	TB		PASS
P-448/P-824	E EOS / W EOS	08/07/15	3:35 PM	74	JC	121	590	590	572	13	TB	DX-53	PASS
P-569/P-834	N EOS / S EOS	08/08/15	9:45 AM	52	JC	121	590	590	572	18	TB		PASS
P-568/P-834	N EOS / S EOS	08/08/15	9:55 AM	52	JC	121	590	590	572	4	TB		PASS
P-568/P-833	N EOS / S EOS	08/08/15	10:00 AM	67	JC	121	590	590	572	20	TB		PASS
P-567/P-833	N EOS / S EOS	08/08/15	10:08 AM	67	JC	121	590	590	572	3	TB		PASS
P-567/P-831	N EOS / S EOS	08/08/15	10:10 AM	67	JC	121	590	590	572	19	TB		PASS
P-562/P-831	N EOS / S EOS	08/08/15	10:15 AM	67	JC	121	590	590	572	3	TB		PASS
P-562/P-830	N EOS / S EOS	08/08/15	10:17 AM	67	JC	121	590	590	572	20	TB		PASS
P-560/P-830	N EOS / S EOS	08/08/15	10:20 AM	67	JC	121	590	590	572	3	TB		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-560/P-829	N EOS / S EOS	08/08/15	10:22 AM	67	JC	121	590	590	572	18	TB		PASS
P-558/P-829	N EOS / S EOS	08/08/15	10:28 AM	67	JC	121	590	590	572	4	TB		PASS
P-558/P-826	N EOS / S EOS	08/08/15	10:30 AM	67	JC	121	590	590	572	19	TB		PASS
P-556/P-826	N EOS / S EOS	08/08/15	10:35 AM	67	JC	121	590	590	572	4	TB		PASS
P-556/P-825	N EOS / S EOS	08/08/15	10:38 AM	67	JC	121	590	590	572	18	TB		PASS
P-554/P-825	N EOS / S EOS	08/08/15	10:50 AM	67	JC	121	590	590	572	4	TB		PASS
P-579/P-848	N EOS / S EOS	08/08/15	1:30 PM	68	JC	121	590	590	572	18	TB		PASS
P-578/P-848	N EOS / S EOS	08/08/15	1:52 PM	68	JC	121	590	590	572	5	TB		PASS
P-578/P-846	N EOS / S EOS	08/08/15	1:54 PM	68	JC	121	590	590	572	18	TB		PASS
P-577/P-846	N EOS / S EOS	08/08/15	2:01 PM	68	JC	121	590	590	572	5	TB		PASS
P-577/P-849	N EOS / S EOS	08/08/15	2:03 PM	68	JC	121	590	590	572	18	TB		PASS
P-576/P-849	N EOS / S EOS	08/08/15	2:12 PM	68	JC	121	590	590	572	5	TB		PASS
P-576/P-843	N EOS / S EOS	08/08/15	2:14 PM	68	JC	121	590	590	572	18	TB		PASS
P-575/P-843	N EOS / S EOS	08/08/15	2:20 PM	68	JC	121	590	590	572	5	TB		PASS
P-575/P-842	N EOS / S EOS	08/08/15	2:23 PM	68	JC	121	590	590	572	16	TB		PASS
P-574/P-842	N EOS / S EOS	08/08/15	2:31 PM	68	JC	121	590	590	572	5	TB		PASS
P-574/P-841	N EOS / S EOS	08/08/15	2:33 PM	68	JC	121	590	590	572	17	TB		PASS
P-573/P-841	N EOS / S EOS	08/08/15	2:44 PM	68	JC	121	590	590	572	5	TB		PASS
P-573/P-838	N EOS / S EOS	08/08/15	2:46 PM	68	JC	121	590	590	572	17	TB		PASS
P-572/P-838	N EOS / S EOS	08/08/15	2:56 PM	68	JC	121	590	590	572	5	TB		PASS
P-572/P-837	N EOS / S EOS	08/08/15	2:58 PM	68	JC	121	590	590	572	17	TB	DX-54	PASS
P-569/P-837	N EOS / S EOS	08/08/15	3:10 PM	68	JC	121	590	590	572	5	TB		PASS
P-448/P-850	E EOS / W EOS	08/10/15	10:00 AM	62	RA	001	590	550	572	7	AF		PASS
P-449/P-850	E EOS / W EOS	08/10/15	10:10 AM	62	RA	001	590	550	572	16	AF		PASS
P-449/P-851	E EOS / W EOS	08/10/15	10:15 AM	63	RA	001	590	550	572	7	AF		PASS
P-450/P-851	E EOS / W EOS	08/10/15	10:20 AM	63	RA	001	590	550	572	16	AF		PASS
P-450/P-855	E EOS / W EOS	08/10/15	10:28 AM	63	RA	001	590	550	572	7	AF		PASS
P-451/P-855	E EOS / W EOS	08/10/15	10:35 AM	63	RA	001	590	550	572	15	AF		PASS
P-451/P-856	E EOS / W EOS	08/10/15	10:40 AM	64	RA	001	590	550	572	8	AF		PASS
P-469/P-856	E EOS / W EOS	08/10/15	11:03 AM	63	RA	001	590	550	572	14	AF		PASS
P-469/P-860	E EOS / W EOS	08/10/15	11:25 AM	62	RA	001	590	550	572	8	AF		PASS
P-470/P-860	E EOS / W EOS	08/10/15	11:30 AM	62	RA	001	590	550	572	14	AF		PASS
P-470/P-861	E EOS / W EOS	08/10/15	11:32 AM	62	RA	001	590	550	572	8	AF		PASS
P-471/P-861	E EOS / W EOS	08/10/15	11:35 AM	62	RA	001	590	550	572	14	AF		PASS
P-471/P-862	E EOS / W EOS	08/10/15	11:55 AM	63	RA	001	590	550	535	8	AF		PASS
P-472/P-862	E EOS / W EOS	08/10/15	12:00 PM	63	RA	001	590	550	535	14	AF	DX-55	PASS
P-472/P-868	E EOS / W EOS	08/12/15	11:35 AM	68	JC	121	590	500	550	11	SW		PASS
P-474/P-868	E EOS / W EOS	08/12/15	11:40 AM	68	JC	121	590	500	550	15	SW		PASS
P-474/P-869	E EOS / W EOS	08/12/15	11:45 AM	68	JC	121	590	500	550	12	SW		PASS
P-476/P-869	E EOS / W EOS	08/12/15	11:50 AM	68	JC	121	590	500	550	13	TB		PASS
P-476/P-870	E EOS / W EOS	08/12/15	12:00 PM	68	JC	121	590	500	550	9	TB		PASS
P-478/P-870	E EOS / W EOS	08/12/15	12:05 PM	68	JC	121	590	500	550	13	TB		PASS
P-478/P-871	E EOS / W EOS	08/12/15	12:55 PM	68	JC	121	590	500	550	9	TB		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-479/P-871	E EOS / W EOS	08/12/15	1:00 PM	70	JC	121	590	500	550	14	TB		PASS
P-479/P-872	E EOS / W EOS	08/12/15	1:05 PM	70	JC	121	590	500	550	8	TB		PASS
P-480/P-872	E EOS / W EOS	08/12/15	1:10 PM	70	JC	121	590	500	550	13	TB		PASS
P-480/P-873	E EOS / W EOS	08/12/15	1:15 PM	70	JC	121	590	500	550	9	TB		PASS
P-588/P-873	E EOS / W EOS	08/12/15	1:20 PM	70	JC	121	590	500	550	14	TB		PASS
P-588/P-874	E EOS / W EOS	08/12/15	1:25 PM	72	JC	121	590	500	550	8	TB		PASS
P-589/P-874	E EOS / W EOS	08/12/15	1:30 PM	72	JC	121	590	500	550	14	TB		PASS
P-589/P-875	E EOS / W EOS	08/12/15	1:35 PM	70	JC	121	590	500	550	9	TB		PASS
P-590/P-875	E EOS / W EOS	08/12/15	1:40 PM	70	JC	121	590	500	550	14	TB		PASS
P-590/P-878	E EOS / W EOS	08/12/15	1:45 PM	70	JC	121	590	500	550	9	TB		PASS
P-591/P-878	E EOS / W EOS	08/12/15	1:50 PM	70	JC	121	590	500	550	15	TB		PASS
P-591/P-879	E EOS / W EOS	08/12/15	1:55 PM	70	JC	121	590	500	550	8	TB		PASS
P-592/P-879	E EOS / W EOS	08/12/15	2:00 PM	70	JC	121	590	500	550	14	TB		PASS
P-592/P-882	E EOS / W EOS	08/12/15	2:05 PM	70	JC	121	590	500	550	8	TB		PASS
P-593/P-882	E EOS / W EOS	08/12/15	2:10 PM	70	JC	121	590	500	550	15	TB		PASS
P-593/P-883	E EOS / W EOS	08/12/15	2:15 PM	70	JC	121	590	500	550	8	TB		PASS
P-595/P-883	E EOS / W EOS	08/12/15	2:20 PM	70	JC	121	590	500	550	15	TB	DX-56	PASS
P-595/P-884	E EOS / W EOS	08/12/15	5:00 PM	70	JC	121	590	500	550	8	TB		PASS
P-596/P-884	E EOS / W EOS	08/13/15	9:45 AM	65	RA	001	590	550	550	15	AF		PASS
P-596/P-885	E EOS / W EOS	08/13/15	9:55 AM	65	RA	001	590	550	550	7	AF		PASS
P-597/P-885	E EOS / W EOS	08/13/15	10:05 AM	67	RA	001	590	550	550	15	AF		PASS
P-597/P-886	E EOS / W EOS	08/13/15	10:15 AM	67	RA	001	590	550	550	7	AF		PASS
P-598/P-886	E EOS / W EOS	08/13/15	10:22 AM	68	RA	001	590	550	550	14	AF		PASS
P-598/P-887	E EOS / W EOS	08/13/15	10:30 AM	70	RA	001	590	550	550	8	AF		PASS
P-599/P-887	E EOS / W EOS	08/13/15	10:36 AM	70	RA	001	590	550	550	14	AF		PASS
P-599/P-888	E EOS / W EOS	08/13/15	10:42 AM	71	RA	001	590	550	550	8	AF		PASS
P-600/P-888	E EOS / W EOS	08/13/15	10:57 AM	72	RA	001	590	550	550	14	AF		PASS
P-600/P-892	E EOS / W EOS	08/13/15	11:05 AM	72	RA	001	590	550	550	8	AF		PASS
P-601/P-892	E EOS / W EOS	08/13/15	11:14 AM	73	RA	001	590	550	550	14	AF	DX-57	PASS
P-583/P-899	N EOS / S EOS	08/14/15	9:15 AM	69	JC	121	590	572	550	17	TB		PASS
P-582/P-899	N EOS / S EOS	08/14/15	9:20 AM	69	JC	121	590	572	550	7	TB		PASS
P-582/P-898	N EOS / S EOS	08/14/15	9:30 AM	69	JC	121	590	572	550	15	TB		PASS
P-580/P-898	N EOS / S EOS	08/14/15	9:35 AM	69	JC	121	590	572	550	7	TB		PASS
P-580/P-897	N EOS / S EOS	08/14/15	9:40 AM	69	JC	121	590	572	550	15	TB		PASS
P-579/P-897	N EOS / S EOS	08/14/15	9:45 AM	69	JC	121	590	572	550	7	TB	DX-58	PASS
P-583/P-901	S EOS / N EOS	08/14/15	5:56 PM	60	RA	121	590	572	550	9	TB		PASS
P-585/P-901	S EOS / N EOS	08/14/15	6:02 PM	60	RA	121	590	572	550	13	TB		PASS
P-585/P-902	S EOS / N EOS	08/14/15	6:07 PM	60	RA	121	590	572	550	10	TB		PASS
P-603/P-902	S EOS / N EOS	08/14/15	7:10 PM	60	RA	121	590	572	550	13	TB		PASS
P-114/P-932	N EOS / S EOS	08/22/15	3:15 PM	71	JC	121	590	572	590	19	JR		PASS
P-637/P-933	N EOS / S EOS	08/22/15	3:32 PM	71	JC	121	590	572	590	3	JR		PASS
P-636/P-933	N EOS / S EOS	08/22/15	3:33 PM	71	JC	121	590	572	590	20	JR		PASS
P-636/P-932	N EOS / S EOS	08/22/15	4:00 PM	75	JC	121	590	572	590	3	JR		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-639/P-935	N EOS / S EOS	08/22/15	4:20 PM	75	JC	121	590	572	590	4	JR		PASS
P-638/P-935	N EOS / S EOS	08/22/15	4:27 PM	73	JC	121	590	572	590	19	JR		PASS
P-638/P-934	N EOS / S EOS	08/22/15	4:30 PM	73	JC	121	590	572	590	4	JR		PASS
P-637/P-934	N EOS / S EOS	08/22/15	4:33 PM	73	JC	121	590	572	590	20	JR		PASS
P-645/P-939	N EOS / S EOS	08/22/15	5:15 PM	73	JC	121	590	572	590	6	JR		PASS
P-644/P-939	N EOS / S EOS	08/22/15	5:20 PM	73	JC	121	590	572	590	16	JR		PASS
P-644/P-938	N EOS / S EOS	08/22/15	5:23 PM	73	JC	121	590	572	590	7	JR		PASS
P-641/P-638	N EOS / S EOS	08/22/15	5:24 PM	73	JC	121	590	572	590	16	JR		PASS
P-641/P-937	N EOS / S EOS	08/22/15	5:29 PM	73	JC	121	590	572	590	6	JR		PASS
P-640/P-937	N EOS / S EOS	08/22/15	5:33 PM	73	JC	121	590	572	590	18	JR		PASS
P-640/P-936	N EOS / S EOS	08/22/15	5:37 PM	73	JC	121	590	572	590	6	JR		PASS
P-639/P-936	N EOS / S EOS	08/22/15	5:39 PM	73	JC	121	590	572	590	18	JR	DX-59	PASS
P-651/P-945	N EOS / S EOS	08/23/15	3:45 PM	70	JC	121	590	590	572	6	SW		PASS
P-650/P-945	N EOS / S EOS	08/23/15	3:18 PM	70	JC	121	590	590	572	17	SW		PASS
P-650/P-944	N EOS / S EOS	08/23/15	3:25 PM	70	JC	121	590	590	572	7	SW		PASS
P-648/P-944	N EOS / S EOS	08/23/15	3:28 PM	70	JC	121	590	590	572	16	SW		PASS
P-648/P-942	N EOS / S EOS	08/23/15	3:34 PM	69	JC	121	590	590	572	7	SW		PASS
P-647/P-942	N EOS / S EOS	08/23/15	3:38 PM	69	JC	121	590	590	572	15	SW		PASS
P-647/P-941	N EOS / S EOS	08/23/15	3:42 PM	69	JC	121	590	590	572	8	SW		PASS
P-646/P-941	N EOS / S EOS	08/23/15	3:47 PM	69	JC	121	590	590	572	14	SW		PASS
P-646/P-940	N EOS / S EOS	08/23/15	3:50 PM	69	JC	121	590	590	572	10	SW		PASS
P-645/P-940	N EOS / S EOS	08/23/15	3:55 PM	69	JC	121	590	590	572	17	SW		PASS
P-653/P-949	N EOS / S EOS	08/23/15	4:40 PM	68	JC	121	590	590	572	20	JR		PASS
P-653/P-948	N EOS / S EOS	08/23/15	4:50 PM	68	JC	121	590	590	572	3	JR		PASS
P-652/P-948	N EOS / S EOS	08/23/15	4:55 PM	68	JC	121	590	590	572	19	JR		PASS
P-652/P-946	N EOS / S EOS	08/23/15	4:58 PM	68	JC	121	590	590	572	4	JR		PASS
P-651/P-946	N EOS / S EOS	08/23/15	5:00 PM	68	JC	121	590	590	572	19	JR	DX-60	PASS
P-659/P-957	N EOS / S EOS	08/24/15	11:45 AM	71	JC	121	590	590	572	20	JR		PASS
P-659/P-956	N EOS / S EOS	08/24/15	11:50 AM	71	JC	121	590	590	572	1	JR		PASS
P-658/P-956	N EOS / S EOS	08/24/15	11:51 AM	71	JC	121	590	590	572	21	JR		PASS
P-658/P-954	N EOS / S EOS	08/24/15	11:55 AM	71	JC	121	590	590	572	1	JR		PASS
P-657/P-954	N EOS / S EOS	08/24/15	11:56 AM	71	JC	121	590	590	572	21	JR		PASS
P-656/P-953	N EOS / S EOS	08/24/15	12:00 PM	71	JC	121	590	590	572	23	JR		PASS
P-656/P-952	N EOS / S EOS	08/24/15	12:10 PM	73	JC	121	590	590	572	1	JR		PASS
P-655/P-952	N EOS / S EOS	08/24/15	12:11 PM	73	JC	121	590	590	572	21	JR		PASS
P-655/P-950	N EOS / S EOS	08/24/15	12:20 PM	72	JC	121	590	590	572	1	JR		PASS
P-654/P-950	N EOS / S EOS	08/24/15	12:21 PM	75	JC	121	590	590	572	20	JR		PASS
P-654/P-949	N EOS / S EOS	08/24/15	12:30 PM	73	JC	121	590	590	572	3	JR		PASS
P-666/P-962	N EOS / S EOS	08/24/15	2:55 PM	75	JC	121	590	590	572	22	JR		PASS
P-666/P-961	N EOS / S EOS	08/24/15	3:06 PM	75	JC	121	590	590	572	1	JR		PASS
P-663/P-961	N EOS / S EOS	08/24/15	3:07 PM	75	JC	121	590	590	572	20	JR		PASS
P-663/P-960	N EOS / S EOS	08/24/15	3:12 PM	75	JC	121	590	590	572	3	JR		PASS
P-662/P-960	N EOS / S EOS	08/24/15	3:13 PM	75	JC	121	590	590	572	20	JR		PASS

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Note:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-662/P-958	N EOS / S EOS	08/24/15	3:19 PM	73	JC	121	590	590	572	3	JR		PASS
P-660/P-958	N EOS / S EOS	08/24/15	3:21 PM	73	JC	121	590	590	572	20	JR	DX-61	PASS
P-660/P-957	N EOS / S EOS	08/24/15	3:23 PM	73	JC	121	590	590	572	3	JR		PASS
P-670/P-966	N EOS / S EOS	08/25/15	10:20 AM	64	JC	121	590	590	572	22	BM		PASS
P-669/P-964	N EOS / S EOS	08/25/15	10:25 AM	64	JC	121	590	590	572	23	BM		PASS
P-667/P-963	N EOS / S EOS	08/25/15	10:30 AM	64	JC	121	590	590	572	22	BM		PASS
P-667/P-962	N EOS / S EOS	08/25/15	10:40 AM	64	JC	121	590	590	572	2	BM		PASS
P-683/P-970	N EOS / S EOS	08/25/15	12:45 PM	70	JC	121	590	590	572	8	BM		PASS
P-673/P-970	N EOS / S EOS	08/25/15	12:48 PM	70	JC	121	590	590	572	22	BM		PASS
P-674/P-969	N EOS / S EOS	08/25/15	1:05 PM	71	JC	121	590	590	572	26	BM		PASS
P-672/P-967	N EOS / S EOS	08/25/15	1:10 PM	71	JC	121	590	590	572	22	BM	DX-62	PASS
P-723/P-984	S EOS / N EOS	08/26/15	2:15 PM	64	JC	121	590	590	572	14	JB		PASS
P-723/P-985	S EOS / N EOS	08/26/15	2:20 PM	64	JC	121	590	590	572	1	JB		PASS
P-724/P-985	S EOS / N EOS	08/26/15	2:21 PM	64	JC	121	590	590	572	22	JB		PASS
P-725/P-987	S EOS / N EOS	08/26/15	2:25 PM	64	JC	121	590	590	572	23	JB		PASS
P-726/P-988	S EOS / N EOS	08/26/15	2:30 PM	64	JC	121	590	590	572	20	JB		PASS
P-726/P-989	S EOS / N EOS	08/26/15	4:00 PM	65	JC	121	590	590	572	3	JB		PASS
P-727/P-989	S EOS / N EOS	08/26/15	4:03 PM	65	JC	121	590	590	572	20	JB		PASS
P-727/P-990	S EOS / N EOS	08/26/15	4:10 PM	65	JC	121	590	590	572	3	JB		PASS
P-728/P-990	S EOS / N EOS	08/26/15	4:12 PM	65	JC	121	590	590	572	20	JB		PASS
P-728/P-992	S EOS / N EOS	08/26/15	4:20 PM	65	JC	121	590	590	572	3	JB		PASS
P-731/P-992	S EOS / N EOS	08/26/15	4:21 PM	65	JC	121	590	590	572	16	JB	DX-63	PASS
P-824/P-1006	W EOS / E EOS	08/28/15	1:10 PM	64	JC	121	590	590	572	16	MJ		PASS
P-850/P-1006	W EOS / E EOS	08/28/15	1:15 PM	64	JC	121	590	590	572	8	MJ		PASS
P-850/P-1008	W EOS / E EOS	08/28/15	1:20 PM	64	JC	121	590	590	572	15	MJ		PASS
P-853/P-1008	W EOS / E EOS	08/28/15	1:25 PM	64	JC	121	590	590	572	8	MJ		PASS
P-853/P-1009	W EOS / E EOS	08/28/15	1:30 PM	64	JC	121	590	590	572	16	MJ		PASS
P-854/P-1009	W EOS / E EOS	08/28/15	1:35 PM	64	JC	121	590	590	572	8	MJ		PASS
P-854/P-1010	W EOS / E EOS	08/28/15	1:40 PM	64	JC	121	590	590	572	15	MJ		PASS
P-856/P-1010	W EOS / E EOS	08/28/15	1:45 PM	64	JC	121	590	590	572	9	MJ		PASS
P-856/P-1012	W EOS / E EOS	08/28/15	1:50 PM	64	JC	121	590	590	572	15	MJ		PASS
P-859/P-1012	W EOS / E EOS	08/28/15	1:55 PM	63	JC	121	590	590	572	9	MJ		PASS
P-859/P-1013	W EOS / E EOS	08/28/15	2:00 PM	63	JC	121	590	590	572	14	MJ		PASS
P-861/P-1013	E EOS / W EOS	08/28/15	2:05 PM	63	JC	121	590	590	572	9	MJ		PASS
P-861/P-1017	E EOS / W EOS	08/28/15	2:10 PM	63	JC	121	590	590	572	13	MJ		PASS
P-867/P-1017	E EOS / W EOS	08/28/15	2:15 PM	64	JC	121	590	590	572	10	MJ		PASS
P-867/P-1018	E EOS / W EOS	08/28/15	2:45 PM	64	JC	121	590	590	572	12	MJ		PASS
P-868/P-1018	E EOS / W EOS	08/28/15	3:00 PM	64	JC	121	590	590	572	9	MJ		PASS
P-868/P-1019	E EOS / W EOS	08/28/15	3:10 PM	64	JC	121	590	590	572	13	MJ		PASS
P-869/P-1019	E EOS / W EOS	08/28/15	3:20 PM	64	JC	121	590	590	572	8	MJ		PASS
P-869/P-1020	E EOS / W EOS	08/28/15	3:22 PM	64	JC	121	590	590	572	17	MJ	DX-64	PASS
P-870/P-1020	E EOS / W EOS	08/28/15	3:30 PM	57	JC	121	590	590	572	9	SW		PASS
P-870/P-1021	E EOS / W EOS	08/28/15	3:35 PM	57	JC	121	590	590	572	15	SW		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-731/P-993	W EOS / E EOS	08/29/15	8:23 AM	64	JC	121	572	590	572	2	JB		PASS
P-732/P-993	W EOS / E EOS	08/29/15	8:25 AM	64	JC	121	572	590	572	20	JB		PASS
P-732/P-995	W EOS / E EOS	08/29/15	8:30 AM	64	JC	121	572	590	572	2	JB		PASS
P-733/P-995	W EOS / E EOS	08/29/15	8:32 AM	64	JC	121	572	590	572	19	JB		PASS
P-737/P-996	W EOS / E EOS	08/29/15	8:40 AM	64	JC	121	572	590	572	22	JB		PASS
P-738/P-997	W EOS / E EOS	08/29/15	8:45 AM	66	JC	121	572	590	572	22	JB		PASS
P-739/P-998	W EOS / E EOS	08/29/15	9:00 AM	66	JC	121	572	590	572	20	JB		PASS
P-740/P-998	W EOS / E EOS	08/29/15	9:08 AM	66	JC	121	572	590	572	2	JB		PASS
P-740/P-999	W EOS / E EOS	08/29/15	9:10 AM	66	JC	121	572	590	572	20	JB		PASS
P-741/P-999	W EOS / E EOS	08/29/15	9:24 AM	66	JC	121	572	590	572	2	JB		PASS
P-741P-1000	W EOS / E EOS	08/29/15	9:25 AM	68	JC	121	572	590	572	19	JB		PASS
P-742/P-1000	W EOS / E EOS	08/29/15	9:30 AM	68	JC	121	572	590	572	3	JB		PASS
P-742/P-1001	S EOS / N EOS	08/29/15	9:35 AM	68	JC	121	572	590	572	15	JB		PASS
P-742/P-1002	S EOS / N EOS	08/29/15	9:40 AM	68	JC	121	572	590	572	9	JB		PASS
P-743/P-1002	S EOS / N EOS	08/29/15	9:42 AM	68	JC	121	572	590	572	14	JB		PASS
P-743/P-1003	S EOS / N EOS	08/29/15	9:50 AM	68	JC	121	572	590	572	23	JB		PASS
P-822/P-1003	S EOS / N EOS	08/29/15	9:55 AM	68	JC	121	572	590	572	2	JB		PASS
P-823/P-1004	S EOS / N EOS	08/29/15	10:00 AM	68	JC	121	572	590	572	1	JB		PASS
P-823/P-1005	S EOS / N EOS	08/29/15	10:20 AM	68	JC	121	572	590	572	4	JB		PASS
P-824/P-1005	S EOS / N EOS	08/29/15	10:25 AM	68	JC	121	572	590	572	8	JB		PASS
P-873/P-1021	E EOS / W EOS	08/29/15	10:33 AM	70	JC	121	590	590	572	6	SW		PASS
P-873/P-1022	E EOS / W EOS	08/29/15	10:35 AM	70	JC	121	590	590	572	18	SW		PASS
P-874/P-1022	E EOS / W EOS	08/29/15	10:40 AM	70	JC	121	590	590	572	6	SW		PASS
P-874/P-1023	E EOS / W EOS	08/29/15	10:43 AM	70	JC	121	590	590	572	18	SW		PASS
P-877/P-1023	E EOS / W EOS	08/29/15	10:47 AM	70	JC	121	590	590	572	3	SW		PASS
P-877/P-1024	E EOS / W EOS	08/29/15	10:50 AM	70	JC	121	590	590	572	21	SW		PASS
P-878/P-1024	E EOS / W EOS	08/29/15	10:55 AM	70	JC	121	590	590	572	4	SW		PASS
P-878/P-1025	E EOS / W EOS	08/29/15	11:00 AM	70	JC	121	590	590	572	20	SW		PASS
P-881/P-1026	E EOS / W EOS	08/29/15	11:05 AM	70	JC	121	590	590	572	23	SW		PASS
P-884/P-1030	E EOS / W EOS	08/29/15	11:10 AM	70	JC	121	590	590	572	21	SW		PASS
P-884/P-1031	E EOS / W EOS	08/29/15	11:15 AM	70	JC	121	590	590	572	4	SW		PASS
P-887/P-1031	E EOS / W EOS	08/29/15	11:17 AM	70	JC	121	590	590	572	20	SW		PASS
P-887/P-1033	E EOS / W EOS	08/29/15	11:25 AM	70	JC	121	590	590	572	4	SW		PASS
P-881/P-1030	E EOS / W EOS	08/29/15	11:05 AM	70	JC	121	590	590	572	20	SW		PASS
P-891/P-1033	E EOS / W EOS	08/29/15	11:27 AM	70	JC	121	590	590	572	22	SW	DX-65	PASS
P-891/P-1034	E EOS / W EOS	08/31/15	10:37 AM	60	JC	121	590	572	572	4	TB		PASS
P-892/P-1034	E EOS / W EOS	08/31/15	10:38 AM	60	JC	121	590	572	572	33	TB	DX-66	PASS
P-682/P-1055	W EOS / E EOS	09/02/15	8:30 AM	52	JC	121	590	590	572	23	BM		PASS
P-683/P-1054	W EOS / E EOS	09/02/15	8:40 AM	52	JC	121	590	590	572	15	BM	DX-67	PASS
P-1055/P-1080	E EOS / W EOS	09/02/15	8:57 AM	52	JC	121	590	590	572	8	JB		PASS
P-679/P-1083	W EOS / E EOS	09/09/15	3:01 PM	60	JC	121	590	500	572	11	TB		PASS
P-681/P-1083	W EOS / E EOS	09/09/15	3:10 PM	61	JC	121	590	500	572	14	TB		PASS
P-681/P-1080	W EOS / E EOS	09/09/15	3:15 PM	60	JC	121	590	500	572	10	TB		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-682/P-1080	W EOS / E EOS	09/09/15	3:20 PM	60	JC	121	590	500	572	8	TB	DX-68	PASS
P-690/P-1093	W EOS / E EOS	09/10/15	5:00 PM	61	JC	121	590	590	590	14	JB		PASS
P-690/P-1092	W EOS / E EOS	09/10/15	5:10 PM	61	JC	121	590	590	590	8	JB		PASS
P-689/P-1092	W EOS / E EOS	09/10/15	5:15 PM	61	JC	121	590	590	590	15	JB		PASS
P-689/P-1091	W EOS / E EOS	09/10/15	5:20 PM	61	JC	121	590	590	590	8	JB		PASS
P-686/P-1091	W EOS / E EOS	09/10/15	5:25 PM	61	JC	121	590	590	590	14	JB		PASS
P-686/P-1089	W EOS / E EOS	09/10/15	5:30 PM	61	JC	121	590	590	590	9	JB		PASS
P-685/P-1089	W EOS / E EOS	09/10/15	5:35 PM	61	JC	121	590	590	590	14	JB		PASS
P-685/P-1088	W EOS / E EOS	09/10/15	5:40 PM	61	JC	121	590	590	590	8	JB		PASS
P-675/P-1088	W EOS / E EOS	09/10/15	5:45 PM	60	JC	121	590	590	590	14	JB		PASS
P-675/P-1087	W EOS / E EOS	09/10/15	5:50 PM	60	JC	121	590	590	590	10	JB		PASS
P-676/P-1087	W EOS / E EOS	09/10/15	5:55 PM	60	JC	121	590	590	590	14	JB		PASS
P-676/P-1085	W EOS / E EOS	09/10/15	6:00 PM	60	JC	121	590	590	590	9	JB		PASS
P-678/P-1085	W EOS / E EOS	09/10/15	6:05 PM	60	JC	121	590	590	590	12	JB		PASS
P-678/P-1084	W EOS / E EOS	09/10/15	6:10 PM	60	JC	121	590	590	590	10	JB		PASS
P-679/P-1084	W EOS / E EOS	09/10/15	6:15 PM	60	JC	121	590	590	590	13	JB	DX-69	PASS
P-697/P-1099	W EOS / E EOS	09/11/15	6:10 PM	61	JC	121	590	500	590	17	CS		PASS
P-697/P-1098	W EOS / E EOS	09/11/15	6:15 PM	61	JC	121	590	500	590	5	CS		PASS
P-696/P-1098	W EOS / E EOS	09/11/15	6:14 PM	61	JC	121	590	500	590	16	CS		PASS
P-696/P-1097	W EOS / E EOS	09/11/15	6:22 PM	61	JC	121	590	500	590	5	CS		PASS
P-695/P-1097	W EOS / E EOS	09/11/15	6:25 PM	61	JC	121	590	500	590	14	CS		PASS
P-695/P-1096	W EOS / E EOS	09/11/15	6:30 PM	61	JC	121	590	500	590	8	CS		PASS
P-693/P-1096	W EOS / E EOS	09/11/15	6:33 PM	61	JC	121	590	500	590	14	CS		PASS
P-693/P-1095	W EOS / E EOS	09/11/15	6:37 PM	61	JC	121	590	500	590	8	CS		PASS
P-691/P-1095	W EOS / E EOS	09/11/15	6:40 PM	61	JC	121	590	500	590	14	CS		PASS
P-691/P-1093	W EOS / E EOS	09/11/15	6:45 PM	61	JC	121	590	500	590	8	CS		PASS
P-910/P-1108	W EOS / E EOS	09/11/15	5:15 PM	61	JC	121	590	500	590	22	TB		PASS
P-910/P-1106	W EOS / E EOS	09/11/15	5:25 PM	61	JC	121	590	500	590	1	TB		PASS
P-909/P-1106	W EOS / E EOS	09/11/15	5:26 PM	61	JC	121	590	500	590	21	TB		PASS
P-909/P-1105	W EOS / E EOS	09/11/15	5:35 PM	61	JC	121	590	500	590	2	TB		PASS
P-908/P-1105	W EOS / E EOS	09/11/15	5:36 PM	61	JC	121	590	500	590	20	TB		PASS
P-908/P-1104	W EOS / E EOS	09/11/15	5:45 PM	61	JC	121	590	500	590	2	TB		PASS
P-907/P-1104	W EOS / E EOS	09/11/15	5:47 PM	61	JC	121	590	500	590	20	TB		PASS
P-907/P-1102	W EOS / E EOS	09/11/15	5:55 PM	61	JC	121	590	500	590	3	TB		PASS
P-906/P-1102	W EOS / E EOS	09/11/15	5:57 PM	61	JC	121	590	500	590	20	TB		PASS
P-906/P-1101	W EOS / E EOS	09/11/15	6:00 PM	61	JC	121	590	500	590	3	TB		PASS
P-905/P-1101	W EOS / E EOS	09/11/15	6:02 PM	61	JC	121	590	500	590	19	TB		PASS
P-905/P-1099	W EOS / E EOS	09/11/15	6:05 PM	61	JC	121	590	500	590	4	TB		PASS
P-921/P-1122	W EOS / E EOS	09/12/15	3:00 PM	72	JC	121	590	590	572	22	JR		PASS
P-920/P-1121	W EOS / E EOS	09/12/15	3:10 PM	72	JC	121	590	590	572	23	JR		PASS
P-919/P-1119	W EOS / E EOS	09/12/15	3:15 PM	72	JC	121	590	590	572	22	JR		PASS
P-918/P-1118	W EOS / E EOS	09/12/15	3:20 PM	72	JC	121	590	590	572	23	JR		PASS
P-917/P-1117	W EOS / E EOS	09/12/15	3:25 PM	72	JC	121	590	590	572	22	JR		PASS

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Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-916/P-1115	W EOS / E EOS	09/12/15	3:30 PM	72	JC	121	590	590	572	23	JR		PASS
P-915/P-1114	W EOS / E EOS	09/12/15	3:35 PM	72	JC	121	590	590	572	22	JR		PASS
P-914/P-1112	W EOS / E EOS	09/12/15	3:40 PM	72	JC	121	590	590	572	23	JR		PASS
P-913/P-1111	W EOS / E EOS	09/12/15	3:45 PM	72	JC	121	590	590	572	22	JR		PASS
P-912/P-1110	W EOS / E EOS	09/12/15	3:50 PM	72	JC	121	590	590	572	23	JR		PASS
P-911/P-1109	W EOS / E EOS	09/12/15	3:55 PM	72	JC	121	590	590	572	22	JR	DX-71	PASS
P-335/P-1154	W EOS / E EOS	09/13/15	9:40 AM	54	RA	001	590	550	550	18	JB		PASS
P-333/P-1154	W EOS / E EOS	09/13/15	9:45 AM	54	RA	001	590	550	550	23	JB		PASS
P-332/P-1154	W EOS / E EOS	09/13/15	9:50 AM	54	RA	001	590	550	550	23	JB		PASS
P-329/P-1154	W EOS / E EOS	09/13/15	10:05 AM	55	RA	001	590	550	550	20	JB		PASS
P-329/P-1153	W EOS / E EOS	09/13/15	10:17 AM	55	RA	001	590	550	550	3	JB		PASS
P-340/P-1153	W EOS / E EOS	09/13/15	10:18 AM	55	RA	001	590	550	550	17	JB		PASS
P-340/P-1150	W EOS / E EOS	09/13/15	10:22 AM	56	RA	001	590	550	550	6	JB		PASS
P-342/P-1150	W EOS / E EOS	09/13/15	10:25 AM	56	RA	001	590	550	550	23	JB		PASS
P-930/P-1134	W EOS / E EOS	09/13/15	10:45 AM	68	JC	121	590	500	590	19	BM		PASS
P-343/P-1150	W EOS / E EOS	09/13/15	10:50 AM	58	RA	001	590	550	550	23	JB		PASS
P-344/P-1150	W EOS / E EOS	09/13/15	10:55 AM	58	RA	001	590	550	550	23	JB		PASS
P-929/P-1134	W EOS / E EOS	09/13/15	10:56 AM	68	JC	121	590	500	590	4	BM		PASS
P-929/P-1132	W EOS / E EOS	09/13/15	10:53 AM	68	JC	121	590	500	590	18	BM		PASS
P-928/P-1132	W EOS / E EOS	09/13/15	10:58 AM	68	JC	121	590	500	590	4	BM		PASS
P-928/P-1131	W EOS / E EOS	09/13/15	11:00 AM	72	JC	121	590	500	590	19	BM		PASS
P-927/P-1131	W EOS / E EOS	09/13/15	11:05 AM	72	JC	121	590	500	590	4	BM		PASS
P-927/P-1129	W EOS / E EOS	09/13/15	11:07 AM	72	JC	121	590	500	590	18	BM		PASS
P-345/P-1150	W EOS / E EOS	09/13/15	11:10 AM	60	RA	001	590	550	550	23	JB		PASS
P-926/P-1129	W EOS / E EOS	09/13/15	11:13 AM	72	JC	121	590	500	590	4	BM		PASS
P-926/P-1128	W EOS / E EOS	09/13/15	11:15 AM	72	JC	121	590	500	590	19	BM		PASS
P-925/P-1128	W EOS / E EOS	09/13/15	11:20 AM	72	JC	121	590	500	590	4	BM		PASS
P-925/P-1126	W EOS / E EOS	09/13/15	11:22 AM	72	JC	121	590	500	590	19	BM		PASS
P-380/P-1150	W EOS / E EOS	09/13/15	11:25 AM	60	RA	001	590	550	550	23	JB		PASS
P-924/P-1126	W EOS / E EOS	09/13/15	11:27 AM	72	JC	121	590	500	590	3	BM		PASS
P-924/P-1125	W EOS / E EOS	09/13/15	11:30 AM	72	JC	121	590	500	590	20	BM		PASS
P-381/P-1150	W EOS / E EOS	09/13/15	11:32 AM	60	RA	001	590	550	550	23	JB		PASS
P-923/P-1125	W EOS / E EOS	09/13/15	11:35 AM	72	JC	121	590	500	590	3	BM		PASS
P-383/P-1150	W EOS / E EOS	09/13/15	11:39 AM	60	RA	001	590	550	550	23	JB		PASS
P-923/P-1124	W EOS / E EOS	09/13/15	11:40 AM	72	JC	121	590	500	590	21	BM		PASS
P-922/P-1124	W EOS / E EOS	09/13/15	11:44 AM	72	JC	121	590	500	590	2	BM		PASS
P-922/P-1123	W EOS / E EOS	09/13/15	11:45 AM	72	JC	121	590	500	590	21	BM	DX-72	PASS
P-921/P-1123	W EOS / E EOS	09/13/15	11:50 AM	72	JC	121	590	500	590	2	BM		PASS
P-397/P-1146	W EOS / E EOS	09/13/15	3:00 PM	74	JC	121	590	500	590	22	BM		PASS
P-398/P-1146	W EOS / E EOS	09/13/15	3:10 PM	74	JC	121	590	500	590	23	BM		PASS
P-399/P-1146	W EOS / E EOS	09/13/15	3:20 PM	74	JC	121	590	500	590	18	BM		PASS
P-399/P-1144	W EOS / E EOS	09/13/15	3:30 PM	74	JC	121	590	500	590	5	BM		PASS
P-400/P-1144	W EOS / E EOS	09/13/15	3:33 PM	74	JC	121	590	500	590	23	BM		PASS

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Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-401/P-1144	W EOS / E EOS	09/13/15	3:45 PM	74	JC	121	590	500	590	23	BM		PASS
P-402/P-1144	W EOS / E EOS	09/13/15	3:50 PM	74	JC	121	590	500	590	23	BM		PASS
P-403/P-1144	W EOS / E EOS	09/13/15	4:00 PM	75	JC	121	590	500	590	5	BM		PASS
P-384/P-1150	W EOS / E EOS	09/14/15	1:30 PM	65	JC	125	590	500	590	22	CS		PASS
P-385/P-1150	W EOS / E EOS	09/14/15	1:33 PM	65	JC	125	590	500	590	5	CS		PASS
P-385/P-1156	W EOS / E EOS	09/14/15	1:34 PM	65	JC	125	590	500	590	17	CS		PASS
P-386/P-1156	W EOS / E EOS	09/14/15	1:37 PM	65	JC	125	590	500	590	22	CS		PASS
P-387/P-1156	W EOS / E EOS	09/14/15	2:05 PM	65	JC	125	590	500	590	22	CS		PASS
P-388/P-1156	W EOS / E EOS	09/14/15	2:19 PM	65	JC	125	590	500	590	2	CS		PASS
P-388/P-1148	W EOS / E EOS	09/14/15	2:20 PM	65	JC	125	590	500	590	20	CS		PASS
P-389/P-1148	W EOS / E EOS	09/14/15	2:35 PM	65	JC	125	590	500	590	22	CS		PASS
P-390/P-1148	W EOS / E EOS	09/14/15	2:44 PM	65	JC	125	590	500	590	22	CS		PASS
P-391/P-1148	W EOS / E EOS	09/14/15	3:00 PM	65	JC	125	590	500	590	14	CS		PASS
P-391/P-1149	W EOS / E EOS	09/14/15	3:07 PM	65	JC	125	590	500	590	8	CS		PASS
P-392/P-1149	W EOS / E EOS	09/14/15	3:15 PM	65	JC	125	590	500	590	22	CS		PASS
P-393/P-1149	W EOS / E EOS	09/14/15	3:25 PM	65	JC	125	590	500	590	13	CS		PASS
P-393/P-1143	W EOS / E EOS	09/14/15	3:35 PM	65	JC	125	590	500	590	9	CS		PASS
P-394/P-1143	W EOS / E EOS	09/14/15	3:40 PM	65	JC	125	590	500	590	24	CS		PASS
P-395/P-1143	W EOS / E EOS	09/14/15	3:50 PM	65	JC	125	590	500	590	7	CS		PASS
P-395/P-1145	W EOS / E EOS	09/14/15	3:55 PM	65	JC	125	590	500	590	16	CS	DX-73	PASS
P-396/P-1145	W EOS / E EOS	09/14/15	4:00 PM	65	JC	125	590	500	590	13	CS		PASS
P-396/P-1146	W EOS / E EOS	09/14/15	4:05 PM	65	JC	125	590	500	590	9	CS		PASS
P-335/P-1154	W EOS / E EOS	09/17/15	9:40 AM	54	RA	001	590	550	550	18	JB		PASS
P-333/P-1154	W EOS / E EOS	09/17/15	9:45 AM	54	RA	001	590	550	550	23	JB		PASS
P-332/P-1154	W EOS / E EOS	09/17/15	9:50 AM	54	RA	001	590	550	550	23	JB		PASS
P-329/P-1154	W EOS / E EOS	09/17/15	10:05 AM	55	RA	001	590	550	550	20	JB		PASS
P-329/P-1153	W EOS / E EOS	09/17/15	10:17 AM	55	RA	001	590	550	550	3	JB		PASS
P-340/P-1153	W EOS / E EOS	09/17/15	10:18 AM	55	RA	001	590	550	550	17	JB		PASS
P-340/P-1150	W EOS / E EOS	09/17/15	10:22 AM	56	RA	001	590	550	550	6	JB		PASS
P-342/P-1150	W EOS / E EOS	09/17/15	10:25 AM	56	RA	001	590	550	550	23	JB		PASS
P-343/P-1150	W EOS / E EOS	09/17/15	10:50 AM	58	RA	001	590	550	550	23	JB		PASS
P-344/P-1150	W EOS / E EOS	09/17/15	10:55 AM	58	RA	001	590	550	550	23	JB		PASS
P-345/P-1150	W EOS / E EOS	09/17/15	11:10 AM	60	RA	001	590	550	550	23	JB		PASS
P-327/P-1170	W EOS / E EOS	09/17/15	11:10 AM	64	JC	121	590	590	572	13	JB		PASS
P-327/P-1176	W EOS / E EOS	09/17/15	11:15 AM	64	JC	121	590	590	572	3	JB		PASS
P-328/P-1176	W EOS / E EOS	09/17/15	11:18 AM	64	JC	121	590	590	572	19	JB		PASS
P-328/P-1169	W EOS / E EOS	09/17/15	11:23 AM	64	JC	121	590	590	572	2	JB		PASS
P-380/P-1150	W EOS / E EOS	09/17/15	11:25 AM	60	RA	001	590	550	550	23	JB		PASS
P-339/P-1169	W EOS / E EOS	09/17/15	11:30 AM	64	JC	121	590	590	572	2	JB		PASS
P-381/P-1150	W EOS / E EOS	09/17/15	11:32 AM	60	RA	001	590	550	550	23	JB		PASS
P-383/P-1150	W EOS / E EOS	09/17/15	11:39 AM	60	RA	001	590	550	550	9	JB	DX-74	PASS
P-339/P-1168	W EOS / E EOS	09/17/15	11:40 AM	64	JC	121	590	590	572	19	JB		PASS
P-338/P-1168	W EOS / E EOS	09/17/15	11:44 AM	64	JC	121	590	590	572	4	JB		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-338/P-1167	W EOS / E EOS	09/17/15	11:45 AM	64	JC	121	590	590	572	18	JB		PASS
P-337/P-1167	W EOS / E EOS	09/17/15	11:53 AM	64	JC	121	590	590	572	4	JB		PASS
P-337/P-1166	W EOS / E EOS	09/17/15	11:55 AM	64	JC	121	590	590	572	23	JB	DX-75	PASS
P-335/P-1166	W EOS / E EOS	09/17/15	11:57 AM	64	JC	121	590	590	572	7	JB		PASS
P-931/P-1165	W EOS / E EOS	09/19/15	5:30 PM	72	RA	001	590	550	550	7	JB		PASS
P-930/P-1165	W EOS / E EOS	09/19/15	5:35 PM	72	RA	001	590	550	550	5	JB		PASS
P-596/P-1242	E EOS / W EOS	09/24/15	8:10 AM	60	JC	121	590	590	500	8	SW		PASS
P-596/P-1243	E EOS / W EOS	09/24/15	8:15 AM	60	JC	121	590	590	500	15	SW		PASS
P-597/P-1243	E EOS / W EOS	09/24/15	8:20 AM	60	JC	121	590	590	500	23	SW		PASS
P-598/P-1243	E EOS / W EOS	09/24/15	8:30 AM	61	JC	121	590	590	500	22	SW	DX-77	PASS
P-1306/P-1313	N EOS / S EOS	09/27/15	10:09 AM	68	JC	121	590	590	500	9	AF		PASS
P-1306/P-1315	E EOS / W EOS	09/27/15	10:10 AM	68	JC	121	590	590	500	20	AF		PASS
P-1305/P-1315	E EOS / W EOS	09/27/15	10:18 AM	68	JC	121	590	590	500	2	AF		PASS
P-1305/P-1312	E EOS / W EOS	09/27/15	10:20 AM	68	JC	121	590	590	500	6	AF		PASS
P-1305/P-1317	E EOS / W EOS	09/27/15	10:25 AM	68	JC	121	590	590	500	7	AF		PASS
P-1304/P-1317	E EOS / W EOS	09/27/15	10:30 AM	69	JC	121	590	590	500	16	AF		PASS
P-1304/P-1318	S EOS / N EOS	09/27/15	10:35 AM	69	JC	121	590	590	500	10	AF		PASS
P-1289/P-1318	S EOS / N EOS	09/27/15	10:41 AM	69	JC	121	590	590	500	14	AF		PASS
P-1289/P-1321	S EOS / N EOS	09/27/15	10:48 AM	69	JC	121	590	590	500	10	AF		PASS
P-1288/P-1321	S EOS / N EOS	09/27/15	10:56 AM	69	JC	121	590	590	500	15	AF		PASS
P-1288/P-1322	S EOS / N EOS	09/27/15	11:00 AM	69	JC	121	590	590	500	4	AF		PASS
P-1288/P-1324	S EOS / N EOS	09/27/15	11:03 AM	69	JC	121	590	590	500	5	AF		PASS
P-1287/P-1324	S EOS / N EOS	09/27/15	11:05 AM	69	JC	121	590	590	500	19	AF		PASS
P-1287/P-1325	S EOS / N EOS	09/27/15	11:09 AM	70	JC	121	590	590	500	3	AF		PASS
P-1286/P-1325	S EOS / N EOS	09/27/15	11:12 AM	70	JC	121	590	590	500	22	AF		PASS
P-1286/P-1327	S EOS / N EOS	09/27/15	11:20 AM	71	JC	121	590	590	500	2	AF		PASS
P-1285/P-1327	S EOS / N EOS	09/27/15	11:21 AM	71	JC	121	590	590	500	23	AF		PASS
P-1275/P-1328	S EOS / N EOS	09/27/15	11:33 AM	72	JC	121	590	590	500	24	AF		PASS
P-1274/P-1328	S EOS / N EOS	09/27/15	11:48 AM	72	JC	121	590	590	500	5	AF	DX-78	PASS
P-1274/P-1330	S EOS / N EOS	09/29/15	8:35 AM	54	JC	121	590	500	590	4	BM		PASS
P-1274/P-1332	S EOS / N EOS	09/29/15	8:40 AM	54	JC	121	590	500	590	16	BM		PASS
P-1272/P-1332	S EOS / N EOS	09/29/15	8:55 AM	54	JC	121	590	500	590	10	BM		PASS
P-1272/P-1333	S EOS / N EOS	09/29/15	9:03 AM	54	JC	121	590	500	590	15	BM		PASS
P-1269/P-1333	S EOS / N EOS	09/29/15	9:10 AM	54	JC	121	590	500	590	13	BM		PASS
P-1269/P-1335	S EOS / N EOS	09/29/15	9:15 AM	54	JC	121	590	500	590	2	BM		PASS
P-1269/P-1339	S EOS / N EOS	09/29/15	9:17 AM	54	JC	121	590	500	590	10	BM		PASS
P-1268/P-1339	S EOS / N EOS	09/29/15	9:25 AM	54	JC	121	590	500	590	15	BM		PASS
P-1268/P-1345	S EOS / N EOS	09/29/15	9:30 AM	54	JC	121	590	500	590	8	BM		PASS
P-1266/P-1345	S EOS / N EOS	09/29/15	9:35 AM	54	JC	121	590	500	590	14	BM		PASS
P-1266/P-1346	S EOS / N EOS	09/29/15	9:40 AM	54	JC	121	590	500	590	9	BM		PASS
P-1265/P-1346	S EOS / N EOS	09/29/15	9:42 AM	54	JC	121	590	500	590	14	BM		PASS
P-1265/P-1347	S EOS / N EOS	09/29/15	9:50 AM	54	JC	121	590	500	590	9	BM		PASS
P-1236/P-1347	S EOS / N EOS	09/29/15	10:00 AM	55	JC	121	590	500	590	14	BM		PASS

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Summary**



SEAM NUMBER	SEAM SECTION	DATE	START TIME	AMBIENT AIR TEMP. (°F)	WELD TECH	MACHINE NUMBER	PRE-HEAT SETTING	MACHINE TEMPERATURE		SEAM LENGTH WELDED (feet)	QA MONITOR	DESTRUCTIVE SAMPLE NUMBER	PASS OR FAIL VACUUM TEST
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-1236/P-1348	SEOS / NEOS	09/29/15	10:15 AM	55	JC	121	590	500	590	9	BM		PASS
P-1238/P-1348	SEOS / NEOS	09/29/15	10:18 AM	55	JC	121	590	500	590	14	BM		PASS
P-1238/P-1349	SEOS / NEOS	09/29/15	10:30 AM	55	JC	121	590	500	590	8	BM		PASS
P-1239/P-1349	SEOS / NEOS	09/29/15	10:35 AM	55	JC	121	590	500	590	14	BM	DX-76	PASS
P-1239/P-1350	SEOS / NEOS	10/02/15	8:34 AM	47	JC	121	590	590	500	7	AF		PASS
P-1259/P-1350	SEOS / NEOS	10/02/15	8:39 AM	47	JC	121	590	590	500	15	AF		PASS
P-1259/P-1351	SEOS / NEOS	10/02/15	8:46 AM	47	JC	121	590	590	500	7	AF		PASS
P-1260/P-1351	SEOS / NEOS	10/02/15	8:58 AM	48	JC	121	590	590	500	15	AF		PASS
P-1260/P-1352	SEOS / NEOS	10/02/15	9:06 AM	48	JC	121	590	590	500	7	AF		PASS
P-1261/P-1352	SEOS / NEOS	10/02/15	9:11 AM	48	JC	121	590	590	500	15	AF		PASS
P-1261/P-1355	SEOS / NEOS	10/02/15	9:23 AM	48	JC	121	590	590	500	7	AF		PASS
P-1262/P-1355	SEOS / NEOS	10/02/15	9:28 AM	50	JC	121	590	590	500	14	AF		PASS
P-1262/P-1356	SEOS / NEOS	10/02/15	9:35 AM	50	JC	121	590	590	500	1	AF		PASS
P-1262/P-1358	SEOS / NEOS	10/02/15	9:35 AM	50	JC	121	590	590	500	3	AF		PASS
P-1235/P-1358	SEOS / NEOS	10/02/15	9:38 AM	50	JC	121	590	590	500	16	AF		PASS
P-1234/P-1358	SEOS / NEOS	10/02/15	9:45 AM	50	JC	121	590	590	500	4	AF	DX-79	PASS
P-1393/P-1419	NEOS / SEOS	10/08/15	9:45 AM	52	RA	001	590	550	550	23	AF		
P-605/P-1384	NEOS / SEOS	10/08/15	10:10 AM	52	RA	001	590	550	550	14	AF		
P-604/P-1384	NEOS / SEOS	10/08/15	10:16 AM	53	RA	001	590	550	550	9	AF		
P-604/P-1383	NEOS / SEOS	10/08/15	10:21 AM	54	RA	001	590	550	550	13	AF		
P-603/P-1383	NEOS / SEOS	10/08/15	10:42 AM	54	RA	001	590	550	550	10	AF		
P-606/P-1415	NEOS / SEOS	10/08/15	10:50 AM	54	RA	001	590	550	550	20	AF		
P-605/P-1415	NEOS / SEOS	10/08/15	11:00 AM	54	RA	001	590	550	550	4	AF		
P-605/P-1414	NEOS / SEOS	10/08/15	11:03 AM	55	RA	001	590	550	550	6	AF		
P-623/P-1418	NEOS / SEOS	10/08/15	11:16 AM	55	RA	001	590	550	550	17	AF		
P-625/P-1418	NEOS / SEOS	10/08/15	11:20 AM	56	RA	001	590	550	550	6	AF		
P-625/P-1417	NEOS / SEOS	10/08/15	11:25 AM	57	RA	001	590	550	550	19	AF		
P-606/P-1417	NEOS / SEOS	10/08/15	11:35 AM	57	RA	001	590	550	550	5	AF		
P-622/P-1420	NEOS / SEOS	10/08/15	11:40 AM	58	RA	001	590	550	550	17	AF		
P-623/P-1420	NEOS / SEOS	10/08/15	11:45 AM	56	RA	001	590	550	550	6	AF		
P-620/P-1421	NEOS / SEOS	10/08/15	11:50 AM	56	RA	001	590	550	550	16	AF		
P-622/P-1421	NEOS / SEOS	10/08/15	12:00 PM	57	RA	001	590	550	550	6	AF		
P-627/P-1428	NEOS / SEOS	10/08/15	1:18 PM	58	RA	001	590	550	550	16	AF		
P-616/P-1428	NEOS / SEOS	10/08/15	1:25 PM	58	RA	001	590	550	550	7	AF		
P-616/P-1427	NEOS / SEOS	10/08/15	1:27 PM	58	RA	001	590	550	550	16	AF		
P-617/P-1427	NEOS / SEOS	10/08/15	1:32 PM	58	RA	001	590	550	550	7	AF		
P-617/P-1424	NEOS / SEOS	10/08/15	1:35 PM	58	RA	001	590	550	550	16	AF		
P-619/P-1424	NEOS / SEOS	10/08/15	1:40 PM	59	RA	001	590	550	550	7	AF		
P-619/P-1422	NEOS / SEOS	10/08/15	1:42 PM	59	RA	001	590	550	550	16	AF		
P-620/P-1422	NEOS / SEOS	10/08/15	1:50 PM	58	RA	001	590	550	550	7	AF	DX-80	

Acronyms: EOS-End of Seam \ N, E, S, W-Cardinal Directions \ *-PSSA

Note:

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Appendix J.4

80-mil LLDPE DSMS Geomembrane Defect/Repair Summary

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D93	10/25/14	P-41/P-43	At crest	WR	10/27/14	8:25 AM	3x3	P	JD	120	10/27/14	GH	AF	P	
D94	10/25/14	P-45/P-47	At crest	WR	10/27/14	8:49 AM	3x6	P	JD	120	10/27/14	GH	SW	P	
D95	10/25/14	P-50/P-51	DF-19	DF	10/27/14	9:45 AM	2x5	P	JD	120	10/27/14	GH	SW	P	
D96	10/25/14	P-37/P-38	At crest	WR	10/27/14	8:10 AM	2x5	P	JD	120	10/27/14	GH	AF	P	
D97	10/25/14	P-51/P-52	At crest	WR	10/27/14	9:20 AM	3x7	P	JD	120	10/27/14	GH	SW	P	
D98	10/25/14	P-35/P-36/P-37	Intersection	INT	10/25/14	6:07 PM	2x2	P	LD	001	10/27/14	GH	AF	P	
D99	10/25/14	P-38/P-40/P-41	Intersection	INT	10/25/14	6:32 PM	3x7	P	LD	001	10/27/14	GH	AF	P	
D100	10/25/14	P-40/P-41/P-42	Intersection	INT	10/25/14	5:41 PM	2x2	P	LD	001	10/27/14	GH	AF	P	
D101	10/25/14	P-41/P-42/P-43	Intersection	INT	10/25/14	6:15 PM	2x2	P	LD	001	10/27/14	GH	AF	P	
D102	10/25/14	P-42/P-43/P-44	Intersection	INT	10/25/14	6:22 PM	2x2	P	LD	001	10/27/14	GH	AF	P	
D103	10/25/14	P-52/P-53	DF-20	DF	10/27/14	10:00 AM	2x5	P	JD	120	10/27/14	GH	SW	P	
D104	10/25/14	P-42/P-44/P-45	Intersection	INT	10/25/14	5:50 PM	2x6	P	LD	001	10/27/14	GH	AF	P	
D105	10/25/14	P-39/P-40/P-42	Intersection	INT	10/25/14	5:18 PM	3x3	P	LD	001	10/27/14	GH	AF	P	
D106	10/25/14	P-38/P-39/P-40	Intersection	INT	10/25/14	5:14 PM	3x3	P	LD	001	10/27/14	GH	AF	P	
D107	10/25/14	P-34/P-35/P-37	Intersection	INT	10/25/14	4:54 PM	2x3	P	LD	001	10/27/14	GH	AF	P	
D108	10/25/14	P-48/P-50/P-51	Intersection	INT	10/27/14	9:40 AM	2x4	P	JD	120	10/27/14	GH	SW	P	
D109	10/25/14	P-47/P-48	At crest	WR	10/27/14	9:05 AM	3x5	P	JD	120	10/27/14	GH	SW	P	
D110	10/25/14	P-50/P-51/P-52	Intersection	INT	10/27/14	9:48 AM	2x7	P	JD	120	10/27/14	GH	SW	P	
D111	10/25/14	P-48/P-49/P-50	Intersection	INT	10/27/14	8:36 AM	2x5	P	JD	120	10/27/14	GH	SW	P	
D112	10/25/14	P-49/P-50/P-52	Intersection	INT	10/27/14	8:29 AM	2x3	P	JD	120	10/27/14	GH	SW	P	
D113	10/25/14	P-52/P-53/P-54	Intersection	INT	10/27/14	8:23 AM	2x4	P	JD	120	10/27/14	GH	SW	P	
D114	10/25/14	P-45/P-46/P-47	Intersection	INT	10/27/14	10:16 AM	2x3	P	JD	120	10/27/14	GH	SW	P	
D115	10/25/14	P-42/P-45/P-46	Intersection	INT	10/27/14	10:25 AM	3x5	P	LD	001	10/27/14	GH	SW	P	
D116	10/27/14	P-54/P-174*/P-175*	Intersection	INT	10/27/14	8:45 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D117	10/27/14	P-52/P-54/P-174*	Intersection	INT	10/27/14	8:54 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D118	10/27/14	P-52/P-173*/P-174*	Intersection	INT	10/27/14	8:59 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D119	10/27/14	P-49/P-52/P-173*	Intersection	INT	10/27/14	9:05 AM	2x3	P	LD	001	10/27/14	GH	SW	P	
D120	10/27/14	P-49/P-172*/P-173*	Intersection	INT	10/27/14	9:14 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D121	10/27/14	P-48/P-49/P-172*	Intersection	INT	10/27/14	9:23 AM	2x3	P	LD	001	10/27/14	GH	SW	P	
D122	10/27/14	P-48/P-171*/P-172*	Intersection	INT	10/27/14	9:28 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D123	10/27/14	P-47/P-48/P-171*	Intersection	INT	10/27/14	9:40 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D124	10/27/14	P-47/P-170*/P-171*	Intersection	INT	10/27/14	9:48 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D125	10/27/14	P-46/P-47/P-170*	Intersection	INT	10/27/14	9:54 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D126	10/27/14	P-46/P-169*/P-170*	Intersection	INT	10/27/14	10:01 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D127	10/27/14	P-39/P-42/P-46/P-169*	Intersection	INT	10/27/14	10:11 AM	2x3	P	LD	001	10/27/14	GH	SW	P	
D128	10/27/14	P-39/P-168*/P-169*	Intersection	INT	10/27/14	10:30 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D129	10/27/14	P-38/P-39/P-168*	Intersection	INT	Covered by D89										
D130	10/27/14	P-38/P-167*/P-168*	Intersection	INT	10/27/14	10:45 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D131	10/27/14	P-37/P-38/P-167*	Intersection	INT	10/27/14	10:55 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D132	10/27/14	P-37/P-166*/P-167*	Intersection	INT	10/27/14	11:00 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D133	10/27/14	P-34/P-37/P-166*	Intersection	INT	10/27/14	11:10 AM	2x2	P	LD	001	10/27/14	GH	SW	P	
D134	10/27/14	P-55/P-57	DF-21	DF	10/27/14	4:30 PM	2x3	P	JD	120	10/29/14	GH	RB	P	
D135	10/27/14	P-57/P-59	DF-22	DF	10/27/14	4:23 PM	2x3	P	JD	120	10/29/14	GH	RB	P	
D136	10/27/14	P-37/P-166*	DX-4	DX	10/27/14	4:39 PM	2x4	P	LD	001	10/30/14	GH	BM	P	
D137	10/27/14	P-53/P-55	At crest	WR	10/27/14	3:34 PM	3x7	P	JD	120	10/27/14	GH	NA	P	
D138	10/27/14	P-55/P-57	At crest	WR	10/27/14	3:40 PM	3x7	P	JD	120	10/27/14	GH	NA	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D139	10/27/14	P-59/P-60	At crest	WR	10/27/14	4:00 PM	3x6	P	JD	120	10/27/14	GH	NA	P	
D140	10/27/14	P-57/P-58/P-59	Intersection	INT	10/27/14	4:59 PM	2x3	P	JD	120	10/29/14	GH	RB	P	
D141	10/27/14	P-58/P-59/P-60	Intersection	INT	10/27/14	4:45 PM	2x3	P	JD	120	10/29/14	GH	RB	P	
D142	10/27/14	P-55/P-56/P-57	Intersection	INT	10/27/14	16:43	2x2	P	LD	001	10/29/14	GH	RB	P	
D143	10/27/14	P-58/P-60	DF-23	DF	10/27/14	4:57 PM	2x2	P	LD	001	10/29/14	GH	RB	P	
D144	10/27/14	P-56/P-57/P-58	Intersection	INT	10/27/14	4:55 PM	2x2	P	LD	001	10/29/14	GH	RB	P	
D145	10/27/14	P-53/P-54/P-55	Intersection	INT	10/27/14	4:40 PM	2x2	P	LD	001	10/29/14	GH	RB	P	
D146	10/27/14	P-60/P-61/P-62	Intersection	INT	Covered by D147										
D147	10/27/14	P-60/P-62	DF-24	DF	10/27/14	3:02 PM	2x3	P	LD	001	10/27/14	GH	RB	P	Covers D146
D148	10/27/14	P-57/P-59	At crest	WR	10/27/14	3:52 PM	3x4	P	JD	120	10/27/14	GH	NA	P	
D149	10/27/14	P-60/P-62	At crest	WR	10/27/14	4:05 PM	3x6	P	JD	120	10/27/14	GH	NA	P	
D150	10/27/14	P-54/P-55/P-175*	Intersection	INT	10/27/14	3:57 PM	4x5	P	LD	001	10/29/14	GH	RB	P	
D151	10/27/14	P-55/P-175*/P-176*	Intersection	INT	10/27/14	3:47 PM	1x3	P	LD	001	10/29/14	GH	RB	P	
D152	10/27/14	P-55/P-56/P-176*	Intersection	INT	10/27/14	3:42 PM	3x3	P	LD	001	10/29/14	GH	RB	P	
D153	10/27/14	P-56/P-176*/P-177*	Intersection	INT	10/27/14	3:28 PM	1x2	P	LD	001	10/29/14	GH	RB	P	
D154	10/27/14	P-56/P-58/P-177*	Intersection	INT	10/27/14	3:23 PM	2x2	P	LD	001	10/29/14	GH	RB	P	
D155	10/27/14	P-58/P-60/P-179*	Intersection	INT	10/27/14	4:15 PM	3x3	P	LD	001	10/29/14	GH	RB	P	
D156	10/27/14	P-60/P-179*/P-180*	Intersection	INT	10/27/14	4:08 PM	1x2	P	LD	001	10/29/14	GH	RB	P	
D157	10/27/14	P-60/P-61/P-180*	Intersection	INT	10/27/14	4:05 PM	3x3	P	LD	001	10/29/14	GH	RB	P	
D158	10/27/14	P-61/P-180*/P-181*	Intersection	INT	10/27/14	4:21 PM	1x2	P	LD	001	10/29/14	GH	RB	P	
D159	10/29/14	P-65/P-66	DF-25	DF	10/30/14	1:50 PM	2x5	P	JD	120	10/29/14	GH	BM	P	
D160	10/29/14	P-66/P-68	DF-26	DF	10/30/14	2:00 PM	2x5	P	JD	120	10/29/14	GH	BM	P	
D161	10/29/14	P-62/P-63	At crest	WR	10/30/14	1:30 PM	3x7	P	JD	120	10/30/14	GH	BM	P	
D162	10/29/14	P-69/P-70	DF-27	DF	10/30/14	1:13 PM	2x5	P	LD	116	10/30/14	GH	BM	P	
D163	10/29/14	P-70/P-71	DF-28	DF	10/30/14	11:20 AM	2x5	P	LD	116	10/30/14	GH	BM	P	
D164	10/29/14	P-61/P-62/P-63	Intersection	INT	10/30/14	12:01 PM	2x6	P	LD	116	10/30/14	GH	BM	P	
D165	10/29/14	P-63/P-64/P-65	Intersection	INT	10/30/14	11:32 AM	2x2	P	LD	116	10/30/14	GH	BM	P	
D166	10/29/14	P-64/P-65/P-66	Intersection	INT	10/30/14	11:49 AM	2x3	P	LD	116	10/30/14	GH	BM	P	
D167	10/29/14	P-66/P-67/P-68	Intersection	INT	10/30/14	1:26 PM	2x2	P	JD	120	10/30/14	GH	BM	P	
D168	10/29/14	P-67/P-68/P-70	Intersection	INT	10/30/14	1:31 PM	2x3	P	JD	120	10/30/14	GH	BM	P	
D169	10/29/14	P-66/P-67/P-69	Intersection	INT	10/30/14	11:43 AM	2x2	P	LD	116	10/30/14	GH	BM	P	
D170	10/29/14	P-67/P-69/P-70	Intersection	INT	10/30/14	11:39 AM	2x3	P	LD	116	10/30/14	GH	BM	P	
D171	10/29/14	P-74/P-75	DF-29	DF	10/30/14	2:05 PM	2x5	P	JD	120	10/30/14	GH	BM	P	
D172	10/29/14	P-71/P-72/P-73	Intersection	INT	10/30/14	1:39 PM	2x3	P	LD	116	10/30/14	GH	BM	P	
D173	10/29/14	P-74/P-75	28' W of E EOS	BO	10/30/14	3:51 PM	2x10	P	LD	116	10/30/14	GH	BM	P	
D174	10/29/14	P-72/P-73/P-74	Intersection	INT	10/30/14	1:43 PM	2x3	P	LD	116	10/30/14	GH	BM	P	
D175	10/29/14	P-75/P-78	DF-30	DF	10/30/14	2:10 PM	2x5	P	JD	120	10/30/14	GH	BM	P	
D176	10/29/14	P-71/P-72	60' W to E EOS	FS	10/30/14	4:40 PM	2x22	C	JD	120	10/30/14	GH	BM	P	
D177	10/29/14	P-72/P-74	55' W of E EOS	PT	10/30/14	4:11 PM	2x6	C	LD	116	10/30/14	GH	BM	P	
D178	10/29/14	P-75/P-77/P-78	Intersection	INT	10/30/14	2:20 PM	2x7	P	JD	120	10/30/14	GH	BM	P	
D179	10/29/14	P-75/P-76/P-77	Intersection	INT	10/30/14	1:48 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D180	10/29/14	P-75/P-189*	DX-5	DX	10/30/14	9:31 AM	2x5	P	LD	116	10/30/14	GH	BM	P	
D181	10/29/14	P-76/P-190*/P-191*	Intersection	INT	10/29/14	5:35 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D182	10/29/14	P-75/P-76/P-190*	Intersection	INT	10/30/14	9:23 AM	2x2	P	LD	116	10/30/14	GH	BM	P	
D183	10/29/14	P-75/P-189*/P-190*	Intersection	INT	10/29/14	5:48 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D184	10/29/14	P-74/P-75/P-189*	Intersection	INT	10/30/14	9:37 AM	2x5	P	LD	116	10/30/14	GH	BM	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D185	10/29/14	P-74/P-188*/P-189*	Intersection	INT	10/29/14	4:27 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D186	10/29/14	P-72/P-74/P-188*	Intersection	INT	10/30/14	9:45 AM	3x3	P	LD	116	10/30/14	GH	BM	P	
D187	10/29/14	P-72/P-187*/P-188*	Intersection	INT	10/29/14	4:35 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D188	10/29/14	P-71/P-72/P-187*	Intersection	INT	10/29/14	6:16 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D189	10/29/14	P-71/P-186*/P-187*	Intersection	INT	10/29/14	4:42 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D190	10/29/14	P-70/P-71/P-186*	Intersection	INT	10/30/14	9:52 AM	3x5	P	LD	116	10/30/14	GH	BM	P	
D191	10/29/14	P-70/P-185*/P-186*	Intersection	INT	10/29/14	2:55 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D192	10/29/14	P-69/P-70/P-185*	Intersection	INT	10/29/14	6:22 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D193	10/29/14	P-69/P-184/P-185	Intersection	INT	10/29/14	3:01 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D194	10/29/14	P-66/P-69/P-184*	Intersection	INT	10/30/14	9:57 AM	2x2	P	LD	116	10/30/14	GH	BM	P	
D195	10/29/14	P-66/P-183*/P-184*	Intersection	INT	10/29/14	3:10 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D196	10/29/14	P-70/P-71	At crest	WR	10/30/14	1:45 PM	2x3	P	JD	120	10/30/14	GH	BM	P	
D197	10/29/14	P-64/P-66/P-183*	Intersection	INT	10/30/14	10:00 AM	2x2	P	JD	120	10/30/14	GH	BM	P	
D198	10/29/14	P-64/P-182*/P-183*	Intersection	INT	10/29/14	11:30 AM	2x2	P	JD	120	10/30/14	GH	BM	P	
D199	10/29/14	P-63/P-64/P-182*	Intersection	INT	10/30/14	10:04 AM	2x2	P	JD	120	10/30/14	GH	BM	P	
D200	10/29/14	P-63/P-181*/P-182*	Intersection	INT	10/29/14	11:37 AM	2x2	P	JD	120	10/30/14	GH	BM	P	
D201	10/29/14	P-63/P-181*	12' S of N EOS	DO	10/29/14	11:44 AM	2x2	P	JD	120	10/30/14	GH	BM	P	
D202	10/29/14	P-61/P-63/P-181*	Intersection	INT	10/30/14	10:09 AM	2x2	P	LD	116	10/30/14	GH	BM	P	
D203	10/30/14	P-76/P-79	DF-31	DF	10/30/14	3:24 PM	2x7	P	LD	116	10/30/14	GH	BM	P	Covers D223
D204	10/30/14	P-79/P-80	DF-32	DF	10/30/14	3:10 PM	2x6	P	LD	116	10/30/14	GH	BM	P	Covers D220
D205	10/30/14	P-84/P-86	DF-33	DF	10/30/14	2:55 PM	2x7	P	JD	120	10/30/14	GH	BM	P	Covers D211
D206	10/30/14	P-76/P-79	60' W of E EOS	PT	10/30/14	3:30 PM	2x5	P	LD	116	10/30/14	GH	BM	P	
D207	10/30/14	P-74/P-75	295' W to E EOS	FS	10/30/14	4:02 PM	2x11	C	LD	116	10/30/14	GH	BM	P	
D208	10/30/14	P-77/P-78/P-79	Intersection	INT	10/30/14	2:30 PM	2x4	P	JD	120	10/30/14	GH	BM	P	
D209	10/30/14	P-74/P-75	At crest	IO	10/30/14	3:18 PM	3x12	C	JD	120	10/30/14	GH	BM	P	
D210	10/30/14	P-78/P-79	At crest	IO	10/30/14	3:30 PM	3x10	C	JD	120	10/30/14	GH	BM	P	
D211	10/30/14	P-83/P-84/P-86	Intersection	INT	Covered by D205										
D212	10/30/14	P-82/P-83/P-84	Intersection	INT	10/30/14	2:44 PM	2x2	P	JD	120	10/30/14	GH	BM	P	
D213	10/30/14	P-86/P-195*/P-196*	Intersection	INT	10/30/14	2:04 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D214	10/30/14	P-85/P-86/P-195*	Intersection	INT	10/30/14	2:21 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D215	10/30/14	P-85/P-194/P-195*	Intersection	INT	10/30/14	2:23 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D216	10/30/14	P-82/P-85/P-194*	Intersection	INT	10/30/14	2:35 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D217	10/30/14	P-82/P-193*/P-194*	Intersection	INT	10/30/14	2:36 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D218	10/30/14	P-80/P-82/P-193*	Intersection	INT	10/30/14	2:50 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D219	10/30/14	P-80/P-192*/P-193*	Intersection	INT	10/30/14	2:51 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D220	10/30/14	P-79/P-80/P-192*	Intersection	INT	Covered by D204										
D221	10/30/14	P-79/P-191*/P-192*	Intersection	INT	10/30/14	2:11 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D222	10/30/14	P-79/P-191*	DX-6	DX	10/30/14	3:43 PM	2x5	P	LD	116	10/30/14	GH	BM	P	
D223	10/30/14	P-76/P-79*/P-191*	Intersection	INT	Covered by D203										
D224	10/30/14	P-79/P-80/P-81	Intersection	INT	10/30/14	3:55 PM	2x2	P	JD	120	10/30/14	GH	BM	P	
D225	10/30/14	P-80/P-81/P-82	Intersection	INT	10/30/14	4:00 PM	2x4	P	LD	116	10/30/14	GH	BM	P	
D226	10/30/14	P-82/P-83/P-85	Intersection	INT	10/30/14	4:14 PM	2x3	P	LD	116	10/30/14	GH	BM	P	
D227	10/30/14	P-83/P-85/P-86	Intersection	INT	10/30/14	4:20 PM	2x2	P	LD	116	10/30/14	GH	BM	P	
D228	10/30/14	P-76/P-77/P-79	Intersection	INT	10/30/14	4:30 PM	2x3	P	LD	116	10/30/14	GH	BM	P	
D229	10/31/14	P-86/P-87	At crest	WR	10/31/14	1:20 PM	2x6	P	JD	120	11/03/14	GH	NA	P	
D230	10/31/14	P-87/P-88/P-89	Intersection	INT	10/31/14	2:35 PM	2x2	P	JD	120	10/31/14	GH	NA	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D231	10/31/14	P-86/P-87/P-196*	Intersection	INT	10/31/14	3:15 PM	2x4	P	AR	001	10/31/14	GH	NA	P	
D232	10/31/14	P-87/P-196*/P-197*	Intersection	INT	10/31/14	3:00 PM	1x1	P	AR	001	10/31/14	GH	NA	P	
D233	10/31/14	P-87/P-88/P-197*	Intersection	INT	10/31/14	2:59 PM	2x2	P	AR	001	10/31/14	GH	NA	P	
D234	10/31/14	P-88/P-197*/P-198*	Intersection	INT	10/31/14	2:47 PM	1x1	P	AR	001	10/31/14	GH	NA	P	
D235	10/31/14	P-88/P-90/P-198*	Intersection	INT	10/31/14	2:45 PM	2x2	P	AR	001	10/31/14	GH	NA	P	
D236	10/31/14	P-90/P-198*/P-199*	Intersection	INT	10/31/14	2:35 PM	1x1	P	AR	001	10/31/14	GH	NA	P	
D237	10/31/14	P-90/P-91/P-199*	Intersection	INT	10/31/14	2:30 PM	2x2	P	AR	001	10/31/14	GH	NA	P	
D238	10/31/14	P-87/P-89	DF-34	DF	10/31/14	2:30 PM	2x4	P	JD	120	10/31/14	GH	NA	P	
D239	10/31/14	P-92/P-93	DF-35	DF	Covered by D248										
D240	10/31/14	P-92/P-94	DF-36	DF	10/31/14	2:05 PM	2x4	P	JD	120	10/31/14	GH	NA	P	
D241	10/31/14	P-91/P-199*/P-200*	Intersection	INT	10/31/14	2:15 PM	1x1	P	AR	001	10/31/14	GH	NA	P	
D242	10/31/14	P-91/P-95/P-200*	Intersection	INT	10/31/14	2:15 PM	1x1	P	AR	001	10/31/14	GH	NA	P	
D243	10/31/14	P-95/P-200*/P-201*	Intersection	INT	10/31/14	2:05 PM	1x1	P	AR	001	10/31/14	GH	NA	P	
D244	10/31/14	P-87/P-88	26' W of E EOS	BO	10/31/14	3:05 PM	2x2	P	JD	120	10/31/14	GH	NA	P	
D245	10/31/14	P-88/P-89/P-90	Intersection	INT	10/31/14	2:45 PM	2x6	P	JD	120	10/31/14	GH	NA	P	
D246	10/31/14	P-90/P-91/P-92	Intersection	INT	10/31/14	2:22 PM	2x2	P	JD	120	10/31/14	GH	NA	P	
D247	10/31/14	P-90/P-92/P-93	Intersection	INT	10/31/14	1:35 PM	2x2	P	JD	120	11/03/14	GH	DW	P	
D248	10/31/14	P-92/P-93/P-94	Intersection	INT	10/31/14	1:45 PM	2x4	P	JD	120	11/03/14	GH	DW	P	Covers D239
D249	10/31/14	P-91/P-92/P-94	Intersection	INT	10/31/14	2:15 PM	2x2	P	JD	120	10/31/14	GH	NA	P	
D250	10/31/14	P-91/P-94/P-95	Intersection	INT	10/31/14	3:00 PM	3x3	P	JD	120	10/31/14	GH	NA	P	
D251	10/31/14	P-7/P-11/P-148*	Intersection	INT	10/31/14	1:27 PM	3x3	C	LD	116	10/31/14	DT	RB	P	Covered by C7
D252	10/31/14	C-6/P-140*	DX-1	DX	10/31/14	3:01 PM	2x4	P	LD	116	10/31/14	DT	RB	P	
D253	10/31/14	C-6/P-140/P-141	Intersection	INT	10/31/14	2:24 PM	1x2	P	LD	116	10/31/14	DT	RB	P	
D254	10/31/14	C-5/P-141/P-143	Intersection	INT	10/31/14	2:15 PM	1x2	P	LD	116	10/31/14	DT	RB	P	Covers D7
D255	10/31/14	C-3/C-4/P-143/P-144	Intersection	INT	10/31/14	2:05 PM	1x2	P	LD	116	10/31/14	DT	RB	P	Covers D5
D256	10/31/14	C-2/P-144/P-145	Intersection	INT	10/31/14	1:55 PM	1x2	P	LD	116	10/31/14	DT	RB	P	Covers D4
D257	10/31/14	C-1/P-145/P-148	Intersection	INT	10/31/14	1:42 PM	1x2	P	DD	116	10/31/14	DT	RB	P	
D258	10/31/14	P-87/P-196*	DX-7	DX	10/31/14	3:35 PM	2x4	P	AR	001	10/31/14	DT	NA	P	
D259	11/1/14	P-58/P-177*/P-179*	Intersection	INT	11/1/14	3:45 PM	2x2	P	AR	001	10/31/14	DT	NA	P	
D260	11/1/14	P-96/P-98	DF-38	DF	11/1/14	11:50 AM	2x5	P	LD	116	11/03/14	GH	DW	P	
D261	11/1/14	P-94/P-95/P-96	Intersection	INT	11/1/14	11:28 AM	2x2	P	LD	116	11/03/14	GH	DW	P	
D262	11/1/14	P-95/P-96/P-201*	Intersection	INT	11/1/14	2:19 PM	3x4	P	LD	116	11/03/14	GH	DW	P	
D263	11/1/14	P-98/P-99	DF-37	DF	11/1/14	11:47 AM	2x5	P	LD	116	11/03/14	GH	DW	P	
D264	11/1/14	P-96/P-201*/P-202*	Intersection	INT	11/1/14	2:08 PM	1x2	P	LD	116	11/03/14	GH	DW	P	
D265	11/1/14	P-96/P-97/P-202*	Intersection	INT	11/1/14	2:06 PM	2x3	P	LD	116	11/03/14	GH	DW	P	
D266	11/1/14	P-96/P-97/P-98	Intersection	INT	11/1/14	11:33 AM	2x2	P	LD	116	11/03/14	DT	DW	P	
D267	11/1/14	P-97/P-98/P-99	Intersection	INT	11/1/14	11:38 AM	2x3	P	LD	116	11/03/14	DT	DW	P	
D268	11/1/14	P-97/P-202*/P-203*	Intersection	INT	11/1/14	1:55 PM	1x1	P	LD	116	11/03/14	GH	DW	P	
D269	11/1/14	P-97/P-99/P-203*	Intersection	INT	11/1/14	1:54 PM	2x3	P	LD	116	11/03/14	GH	DW	P	
D270	11/1/14	P-99/P-203*/P-204*	Intersection	INT	11/1/14	1:42 PM	1x2	P	LD	116	11/03/14	GH	DW	P	
D271	11/1/14	P-94/P-96	At crest	WR	11/1/14	12:04 PM	4x6	P	LD	116	11/03/14	GH	DW	P	
D272	11/1/14	P-99/P-101/P-102	Intersection	INT	11/3/14	9:04 AM	2x2	P	JD	120	11/03/14	GH	DW	P	
D273	11/1/14	P-101/P-102/P-103	Intersection	INT	11/3/14	8:54 AM	2x2	P	JD	120	11/03/14	GH	DW	P	
D274	11/1/14	P-99/P-100/P-101	Intersection	INT	Covered by D275										
D275	11/1/14	P-99/P-101	DF-39	DF	11/1/14	6:01 PM	2x4	P	LD	116	11/03/14	DT	DW	P	Covers D274
D276	11/1/14	P-100/P-101/P-103	Intersection	INT	11/1/14	4:05 PM	2x2	P	LD	116	11/03/14	DT	DW	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D277	11/1/14	P-101/P-103	DF-40	DF	11/3/14	9:50 AM	2x4	P	JD	120	11/03/14	DT	DW	P	
D278	11/1/14	P-100/P-103/P-104	Intersection	INT	Panel Removed										
D279	11/1/14	P-103/P-104/P-105	Intersection	INT	Panel Removed										
D280	11/1/14	P-97/P-202*	DX-8	DX	11/1/14	2:28 PM	2x5	P	LD	116	11/03/14	GH	DW	P	
D281	11/1/14	P-100/P-204*/P-205*	Intersection	INT	11/1/14	3:10 PM	1x2	P	LD	116	11/03/14	GH	DW	P	
D282	11/1/14	P-100/P-104/P-205*	Intersection	INT	Panel Removed										
D283	11/1/14	P-106/P-108	DF-41	DF	Panel Removed										
D284	11/1/14	P-104/P-205*/P-206*	Intersection	INT	Panel Removed										
D285	11/1/14	P-104/P-105/P-206*	Intersection	INT	Panel Removed										
D286	11/1/14	P-108/P-109	DF-42	DF	11/3/14	9:35 AM	2x3	P	JD	120	11/03/14	DT	DW	P	
D287	11/1/14	P-99/P-100/P-204*	Intersection	INT	11/1/14	4:56 PM	2x3	P	LD	116	11/03/14	GH	DW	P	
D288	11/1/14	P-106/P-207*/P-208*	Intersection	INT	11/1/14	4:06 PM	1x2	P	LD	116	11/03/14	GH	DW	P	
D289	11/1/14	P-105/P-106/P-207*	Intersection	INT	11/1/14	4:21 PM	2x2	P	LD	116	11/03/14	GH	DW	P	
D290	11/1/14	P-105/P-206*/P-207*	Intersection	INT	11/1/14	4:23 PM	1x2	P	LD	116	11/03/14	GH	DW	P	
D291	11/1/14	P-109/P-110	DF-43	DF	Panel Removed										Covers D302
D292	11/1/14	P-106/P-107/P-108	Intersection	INT	Panel Removed										
D293	11/1/14	P-107/P-108/P-109	Intersection	INT	Panel Removed										
D294	11/1/14	P-109/P-110/P-111	Intersection	INT	Panel Removed										
D295	11/1/14	P-109/P-111/P-112	Intersection	INT	11/3/14	9:10 AM	2x2	P	JD	120	11/03/14	DT	DW	P	
D296	11/1/14	P-110/P-111/P-113	Intersection	INT	Panel Removed										
D297	11/1/14	P-111/P-112/P-113	Intersection	INT	11/3/14	9:17 AM	2x3	P	JD	120	11/03/14	DT	DW	P	
D298	11/3/14	P-106/P-107/P-208*	Intersection	INT	Panel Removed										
D299	11/3/14	P-107/P-208*/P-209*	Intersection	INT	Panel Removed										
D300	11/3/14	P-107/P-109/P-209*	Intersection	INT	Panel Removed										
D301	11/3/14	P-109/P-209*/P-210*	Intersection	INT	11/3/14	9:15 AM	1x2	P	LD	116	11/03/14	AV	NA	P	
D302	11/3/14	P-109/P-110/P-210*	Intersection	INT	Covered by D291										
D303	11/3/14	P-103/P-105	At crest	WR	11/3/14	8:33 AM	2x3	P	JD	120	11/03/14	GH	DW	P	
D304	11/3/14	P-98/P-99	At crest	WR	11/3/14	8:37 AM	2x2	P	JD	120	11/03/14	GH	DW	P	
D305	11/3/14	P-114/P-212*	DX-9	DX	11/3/14	10:24 AM	2x4	P	LD	116	11/03/14	AV	NA	P	Removed at SLF Repair
D306	11/3/14	P-113/P-114/P-212*	Intersection	INT	11/3/14	10:06 AM	2x4	P	LD	116	11/03/14	AV	NA	P	Covers D307
D307	11/3/14	P-113/P-211*/P-212*	Intersection	INT	Covered by D306										
D308	11/3/14	P-110/P-113/P-211*	Intersection	INT	Panel Removed										
D309	11/3/14	P-110/P-210/P-211*	Intersection	INT	Panel Removed										
D310	11/6/14	P-9/P-115	At crest	WR	11/6/14	3:30 PM	3x10	P	JD	120	11/06/14	GH	BM	P	
D311	11/6/14	C-6/P-10/P-115/P-140	Intersection	INT	11/6/14	1:40 PM	2x4	P	LD	116	11/06/14	GH	BM	P	
D312	11/6/14	P-115/P-116/P-117	Intersection	INT	11/6/14	3:20 PM	2x2	P	LD	116	11/06/14	GH	BM	P	
D313	11/6/14	P-116/P-117/P-119	Intersection	INT	11/6/14	3:03 PM	2x2	P	LD	116	11/06/14	GH	BM	P	
D314	11/6/14	P-9/P-115	DF-44	DF	11/6/14	4:20 PM	2x5	P	JD	120	11/06/14	GH	BM	P	
D315	11/6/14	P-116/P-118/P-119	Intersection	INT	11/6/14	2:55 PM	2x3	P	JD	120	11/06/14	GH	BM	P	
D316	11/6/14	P-115/P-117	DF-45	DF	11/6/14	2:00 PM	2x7	P	JD	120	11/06/14	GH	BM	P	Covers D318
D317	11/6/14	P-119/P-136*	DX-10	DX	11/6/14	2:45 PM	2x10	P	LD	116	11/06/14	GH	BM	P	Covers D322, D323
D318	11/6/14	P-115/P-117/P-138	Intersection	INT	Covered by D316										
D319	11/6/14	P-122/P-137*/P-138*	Intersection	INT	11/6/14	2:02 PM	2x2	P	LD	116	11/06/14	GH	BM	P	
D320	11/6/14	P-117/P-119/P-122	Intersection	INT	11/6/14	2:15 PM	3x4	P	LD	116	11/06/14	GH	BM	P	
D321	11/6/14	P-119/P-136*/P-137*	Intersection	INT	11/6/14	2:17 PM	2x2	P	LD	116	11/06/14	GH	BM	P	
D322	11/6/14	P-119/P-120/P-136*	Intersection	INT	Covered by D317										

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D323	11/6/14	P-120/P-123/P-136*	Intersection	INT	Covered by D317										
D324	11/6/14	P-119/P-120/P-121	Intersection	INT	11/6/14	3:50 PM	2x2	P	LD	116	11/06/14	GH	BM	P	
D325	11/6/14	P-9/P-10/P-115	Intersection	INT	11/6/14	3:30 PM	2x2	P	LD	116	11/06/14	GH	BM	P	
D326	11/6/14	P-115/P-138*/P-140*	Intersection	INT	11/6/14	2:25 PM	2x2	P	LD	116	11/06/14	GH	BM	P	
D327	6/2/15	P-124/P-125	Anchor Trench	WR	6/3/15	3:50 PM	3x6	P	JC	121	06/04/15	JR	GA	P	
D328	6/2/15	P-124/P-125	DF-46	DF	6/3/15	5:15 PM	3x3	P	JC	121	06/04/15	JR	GA	P	
D329	6/2/15	P-125/P-126	DF-47	DF	6/3/15	4:50 PM	2x5	P	JC	121	06/04/15	JR	GA	P	
D330	6/2/15	P-127/P-128/P-129	Intersection	INT	6/4/15	10:25 AM	2x6	P	JC	121	06/04/15	EM	KS	P	
D331	6/2/15	P-127/P-129/P-130	Intersection	INT	6/3/15	2:35 PM	3x9	P	JC	121	06/04/15	JR	GA	P	
D332	6/2/15	P-127/P-130/P-131	Intersection	INT	6/3/15	4:15 PM	3x4	P	JC	121	06/04/15	JR	GA	P	
D333	6/2/15	P-127/P-130	DF-48	DF	6/3/15	4:20 PM	2x5	P	JC	121	06/04/15	JR	GA	P	
D334	6/2/15	P-126/P-127	Anchor Trench	PT	6/4/15	3:55 PM	2x3	P	JC	121	06/04/15	JR	GA	P	
D335	6/2/15	P-127/P-129	12' W of E EOS	PT	6/4/15	10:10 AM	2x5	P	JC	121	06/04/15	EM	KS	P	
D336	6/2/15	P-132/P-133	DF-49	DF	6/3/15	2:00 PM	2x4	P	JC	121	06/04/15	EM	PO	P	
D337	6/2/15	P-127/P-131	Anchor Trench	WR	6/3/15	4:00 PM	2x2	P	JC	121	06/04/15	EM	PO	P	
D338	6/2/15	P-124/P-132	Anchor Trench	WR	6/3/15	3:40 PM	3x8	P	JC	121	06/04/15	JR	GA	P	
D339	6/3/15	P-124/P-132	210' E of WEOS	BO	6/2/15	12:10 PM	2x6	P	JC	121	06/04/15	JR	GA	P	
D340	6/3/15	P-133/P-134	Anchor Trench	PT	6/2/15	12:30 PM	2x10	P	JC	121	06/04/15	RR	GA	P	
D341	6/3/15	P-132/P-133	105' W of E EOS	PT	6/3/15	12:05 PM	2x15	C	JC	121	06/04/15	JR	GA	P	
D342	6/3/15	P-134/P-135	Anchor Trench	WR	6/3/15	1:40 PM	3x7	P	JC	121	06/04/15	JR	GA	P	
D343	6/3/15	P-128/P-136	DF-50	DF	6/4/15	7:40 AM	2x4	P	JC	121	06/04/15	JR	GA	P	
D344	6/3/15	P-136/P-137	DF-51	DF	6/4/15	3:25 PM	2x4	P	JC	121	06/04/15	JR	GA	P	
D345	6/3/15	P-24*/P-25*/P-135	Intersection	INT	6/3/15	10:36 AM	2x2	P	JC	121	06/04/15	JR	GA	P	
D346	6/3/15	P-24*/P-134/P-135	Intersection	INT	6/3/15	10:40 AM	2x2	P	JC	121	06/04/15	EM	PO	P	
D347	6/3/15	P-23*/P-24*/P-134	Intersection	INT	6/3/15	8:50 AM	2x2	P	JC	121	06/04/15	EM	PO	P	
D348	6/3/15	P-23*/P-133/P-134	Intersection	INT	6/3/15	8:54 AM	2x2	P	JC	121	06/04/15	EM	PO	P	
D349	6/3/15	P-15*/P-23*/P-133	Intersection	INT	6/3/15	9:00 AM	2x2	P	JC	121	06/04/15	EM	PO	P	
D350	6/3/15	P-14*/P-15*/P-132/P-133	Intersection	INT	6/3/15	9:08 AM	3x4	P	JC	121	06/04/15	EM	PO	P	
D351	6/3/15	P-13*/P-14*/P-124/P-132	Intersection	INT	6/3/15	9:15 AM	2x4	P	JC	121	06/04/15	EM	PO	P	
D352	6/3/15	P-11*/P-13*/P-124/P-125	Intersection	INT	6/3/15	9:36 AM	2x2	P	JC	121	06/04/15	EM	PO	P	
D353	6/3/15	P-10*/P-11*/P-125/P-126	Intersection	INT	6/3/15	9:55 AM	2x4	P	JC	121	06/04/15	EM	PO	P	
D354	6/3/15	P-9*/P-10*/P-126/P-127	Intersection	INT	6/3/15	10:05 AM	2x4	P	JC	121	06/04/15	EM	PO	P	
D355	6/3/15	P-8*/P-9*/P-127/P-128	Intersection	INT	6/3/15	1:41 PM	2x2	P	JC	121	06/04/15	EM	PO	P	
D356	6/3/15	P-128/P-136	24' E of W EOS	W	6/4/15	8:00 AM	3x9	P	JC	121	06/04/15	EM	KS	P	
D357	6/3/15	P-128/P-129/P-136	Intersection	INT	Covered By D370										
D358	6/3/15	P-129/P-130/P-136	Intersection	INT	Covered By D367										
D359	6/3/15	P-130/P-131/P-136	Intersection	INT	6/5/15	9:50 AM	2x4	P	JC	121	06/05/15	EM	AF	P	
D360	6/3/15	P-131/P-136	Anchor Trench	WR	6/5/15	7:25 AM	2x4	P	JC	121	06/05/15	EM	AF	P	
D361	6/3/15	P-138/P-141/P-142	Intersection	INT	6/4/15	3:09 PM	2x2	P	AR	125	06/05/15	EM	AF	P	
D362	6/3/15	P-138/P-140/P-141	Intersection	INT	6/4/15	11:10 AM	2x2	P	JC	121	06/04/15	JR	KS	P	
D363	6/3/15	P-138/P-139/P-140	Intersection	INT	6/4/15	2:00 PM	2x2	F	JC	121	06/04/15	EM	KS	F	
D364	6/3/15	P-7/P-8/P-128/P-136	Intersection	INT	6/4/15	10:00 AM	2x2	P	JC	121	06/04/15	EM	PO	P	
D365	6/3/15	P-141/P-143	DF-52	DF	6/4/15	3:28 PM	2x4	P	AR	125	06/05/15	EM	AF	P	
D366	6/3/15	P-129/P-136	32' E of W EOS	PT	6/4/15	9:51 AM	2x2	P	JC	121	06/04/15	EM	KS	P	
D367	6/3/15	P-130/P-136	60' E of W EOS	PT	6/4/15	9:30 AM	2x22	C	JC	121	06/04/15	EM	KS	P	Covers D358
D368	6/3/15	P-129/P-136	44' E of W EOS	PT	Covered By D370										

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D369	6/3/15	P-129/P-136	77' E of W EOS	PT	Covered By D370										Covers D357, D368, D369
D370	6/3/15	P-129/P-136	58' E of W EOS	PT	6/4/15	8:50 AM	2x42	C	JC	121	06/04/15	EM	KS	P	
D371	6/3/15	P-128/P-136	53' E of W EOS	PT	6/4/15	7:40 AM	2x5	P	JC	121	06/04/15	EM	KS	P	
D372	6/3/15	P-154/P-156	43' E of W EOS	PT	Covered by D406										
D373	6/3/15	P-6*/P-7*/P-136/P-137	Intersection	INT	6/4/15	1:30 PM	2x4	P	JC	121	06/04/15	EM	PO	P	
D374	6/3/15	P-5*/P-6*/P-137/P-138	Intersection	INT	6/4/15	5:30 PM	2x2	P	JC	121	06/05/15	EM	PO	P	
D375	6/4/15	P-4*/P-5*/P-138/P-139	Intersection	INT	6/4/15	5:00 PM	2x2	P	JC	121	06/04/15	EM	KS	P	
D376	6/4/15	P-3*/P-4*/P-139/P-143	Intersection	INT	6/4/15	5:40 PM	2X3	P	JC	121	06/05/15	EM	KS	P	
D377	6/3/15	P-3*/P-143	DX-11	DX	Covered by D409										
D378	6/4/15	P-144/P-145	DF-53	DF	6/5/15	7:20 AM	2X5	P	RR	001	06/05/15	EM	AF	P	
D379	6/4/15	P- 136	7' W of E EOS & 13' N	BO	6/4/15	10:35 AM	2x2	P	JC	121	06/04/15	EM	KS	P	
D380	6/4/15	P-140/P-141/P-143	Intersection	INT	6/4/15	11:00 AM	2x2	P	JC	121	06/04/15	EM	KS	P	
D381	6/4/15	P-141/P-142/P-143	Intersection	INT	6/4/15	3:20 PM	2x3	P	AR	125	06/05/15	EM	AF	P	
D382	6/4/15	P-145/P-147	7' E of W EOS	BO	6/5/15	7:30 AM	2x7	P	RR	001	06/05/15	EM	AF	P	
D383	6/4/15	P-137/P-138	151' E of W EOS	PT	6/4/15	11:50 AM	1x1	P	JC	121	06/04/15	EM	KS	P	
D384	6/4/15	P-146/P-149	DF-55	DF	6/5/15	9:20 AM	2x4	P	RR	001	06/05/15	EM	PO	P	
D385	6/4/15	P-145/P-147/P-148	Intersection	INT	6/5/15	8:04 AM	2x2	P	RR	001	06/05/15	EM	AF	P	
D386	6/4/15	P-146/P-147/P-149	Intersection	INT	6/5/15	8:50 AM	2x2	P	RR	001	06/05/15	EM	AF	P	
D387	6/4/15	P-145/P-146/P-147	Intersection	INT	Covered by D426										
D388	6/4/15	P-145/P-148	DF-54	DF	6/5/15	7:44 AM	2x4	P	RR	001	06/05/15	EM	AF	P	
D389	6/4/15	P-149/P-150	DF-56	DF	6/5/15	8:40 AM	2x3	P	RR	001	06/05/15	EM	AF	P	
D390	6/4/15	P-147/P-148/P-149	Intersection	INT	6/5/15	8:01 AM	2x3	P	RR	001	06/05/15	EM	AF	P	
D391	6/4/15	P-136/P-137	8' E of W EOS	PT	6/5/15	7:45 AM	2x11	C	JC	121	06/05/15	EM	AF	P	
D392	6/4/15	P-142/P-143	3' E of W EOS	IO	6/5/15	7:50 AM	2x4	P	JC	121	06/05/15	EM	AF	P	
D393	6/4/15	P-143/P-144	3' E of W EOS	IO	6/5/15	8:10 AM	2x5	P	JC	121	06/05/15	EM	AF	P	
D394	6/4/15	P-155/P-156	DF-57	DF	Covered by D408										
D395	6/4/15	P-139/P-140/P-143	Intersection	INT	Covered By D396										Covers D395
D396	6/4/15	P-139/P-143	30' E of W EOS	PT	6/4/15	2:46 PM	2x32	C	JC	121	06/04/15	EM	KS	P	
D397	6/4/15	P-139/P-143	44' E of W EOS	PT	6/4/15	3:00 PM	2x4	P	JC	121	06/04/15	EM	KS	P	
D398	6/4/15	P-139/P-143	72' E of W EOS	PT	6/4/15	5:45 PM	2x2	P	JC	121	06/05/15	EM	AF	P	
D399	6/4/15	P-154/P-156	DF-58	DF	Covered by D406										
D400	6/4/15	P-149/P-150	161' E of W EOS	IO	6/5/15	8:21 AM	2x14	C	RR	001	06/05/15	EM	AF	P	
D401	6/4/15	P-149/P-150	197' E of W EOS	IO	6/5/15	8:30 AM	2x5	P	RR	001	06/05/15	EM	AF	P	
D402	6/4/15	P-149/P-150	25' W of E EOS	PT	6/5/15	9:24 AM	2x4	P	RR	001	06/05/15	EM	AF	P	
D403	6/4/15	P-151/P-152/P-153	Intersection	INT	6/5/15	10:02 AM	3x3	P	RR	001	06/05/15	EM	AF	P	
D404	6/4/15	P-152/P-153/P-156	Intersection	INT	6/5/15	10:07 AM	3x4	P	RR	001	06/05/15	EM	AF	P	
D405	6/4/15	P-151/P-153/P-154	Intersection	INT	6/5/15	10:45 AM	2x5	P	RR	001	06/05/15	EM	AF	P	
D406	6/4/15	P-153/P-154/P-156	Intersection	INT	6/5/15	11:00 AM	2x15	P	JC	121	06/05/15	EM	AF	P	
D407	6/4/15	P-151/P-154/P-155	Intersection	INT	6/5/15	9:10 AM	3x5	P	JC	121	06/05/15	EM	AF	P	Covers D372, D399
D408	6/4/15	P-154/P-155/P-156	Intersection	INT	6/5/15	9:30 AM	2x9	P	JC	121	06/05/15	EM	AF	P	
D409	6/4/15	P-2*/P-3*/P-143/P-144	Intersection	INT	6/4/15	6:00 PM	4x6	P	JC	121	06/05/15	EM	AF	P	
D410	6/4/15	P-1*/P-2*/P-144/P-145	Intersection	INT	6/4/15	3:45 PM	2x2	P	JC	121	06/04/15	EM	PO	P	Covers D377
D411	6/4/15	P-1*/P-67*/P-145/P-146	Intersection	INT	6/4/15	4:00 PM	2x2	P	JC	121	06/04/15	EM	PO	P	
D412	6/4/15	P-67*/P-68*/P-146/P-149	Intersection	INT	6/4/15	4:12 PM	2x2	P	JC	121	06/04/15	EM	PO	P	
D413	6/4/15	P-68*/P-69*/P-149/P-150	Intersection	INT	6/4/15	4:30 PM	2x2	P	JC	121	06/04/15	EM	PO	P	
D414	6/4/15	P-69*/P-70*/P-150/P-151	Intersection	INT	6/4/15	4:35 PM	2x2	P	JC	121	06/04/15	EM	PO	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D415	6/4/15	P-70*/P-71*/P-151/P-152	Intersection	INT	6/4/15	4:50 PM	2x2	P	JC	121	06/04/15	EM	PO	P	
D416	6/4/15	P-71*/P-72*/P-152/P-156	Intersection	INT	6/4/15	5:00 PM	2x2	P	JC	121	06/04/15	EM	PO	P	
D417	6/4/15	P-137/P-138	27' W of E EOS	PT	6/4/15	3:10 PM	2x2	P	JC	121	06/04/15	EM	PO	P	
D418	6/4/15	P-72*/P-156	DX-12	DX	6/5/15	11:20 AM	2x4	P	RR	001	06/05/15	EM	AF	P	
D419	6/5/15	P-145/P-147	37' W of E EOS	PT	6/5/15	9:00 AM	2x3	P	RR	001	06/05/15	EM	AF	P	
D420	6/5/15	P-145/P-146	20' W of E EOS	PT	6/5/15	9:30 AM	2x2	P	RR	001	06/05/15	EM	AF	P	
D421	6/5/15	P-146/P-149	18' W of E EOS	PT	6/5/15	9:43 AM	2x7	P	RR	001	06/05/15	EM	AF	P	
D422	6/4/15	P-145/P-148	Anchor Trench	WR	6/5/15	8:20 AM	5x4	P	JC	121	06/05/15	EM	AF	P	
D423	6/4/15	P-148/P-149	Anchor Trench	WR	6/5/15	8:15 AM	3x2	P	JC	121	06/06/15	EM	AF	P	
D424	6/5/15	P-150/P-151	105' E of W EOS	PT	6/5/15	10:05 AM	2x7	P	JC	121	06/05/15	EM	AF	P	
D425	6/5/15	P-152/P-156	32' E of W EOS	FS	6/5/15	10:24 AM	2X17	C	RR	001	06/05/15	EM	AF	P	
D426	6/5/15	P-145/P-147	12' W of E EOS	PT	6/5/15	9:10 AM	3x12	P	RR	001	06/05/15	EM	AF	P	Covers D387
D427	6/5/15	P-156	16' W of E EOS	DO	6/5/15	12:30 PM	2x2	P	JC	121	06/05/15	EM	AF	P	
D428	6/6/15	P-157/P-158	DF-59	DF	6/6/15	12:00 PM	2x5	P	JC	121	06/07/15	EM	GA	P	
D429	6/6/15	P-156/P-157	Anchor Trench	WR	6/6/15	10:15 AM	2X3	P	JC	121	06/07/15	EM	GA	P	
D430	6/6/15	P-72*/P-73*/P-156/P-157	Intersection	INT	6/6/15	1:40 PM	2x5	P	JC	121	06/06/15	EM	GA	P	
D431	6/6/15	P-159/P-160	DF-60	DF	6/7/15	9:53 AM	2X5	P	JC	121	06/07/15	EM	GA	P	
D432	6/6/15	P-156	18' W of E EOS & 4' N	DO	6/6/15	12:30 PM	2x2	P	JC	121	06/05/15	EM	GA	P	
D433	6/6/15	P-158/P-159	30' E of W EOS	BO	6/6/15	11:10 AM	2x6	P	JC	121	06/07/15	EM	GA	P	
D434	6/6/15	P-160/P-161	287' E of W EOS	WR	6/6/15	1:30 PM	2x5	P	JC	121	06/06/15	EM	GA	P	
D435	6/6/15	P-159/P-160	360' E of W EOS	PT	6/6/15	12:05 PM	3x5	P	JC	121	06/06/15	EM	GA	P	
D436	6/6/15	P-158/P-159	280' E of W EOS	PT	6/6/15	11:50 AM	2x5	P	RR	001	06/07/15	EM	AF	P	
D437	6/6/15	P-160/P-163	DF-61	DF	6/7/15	10:06 AM	2x5	P	RR	001	06/07/15	EM	AF	P	
D438	6/6/15	P-159	3' E of W EOS & 8' N	DO	6/6/15	10:25 AM	2x4	P	JC	121	06/07/15	EM	GA	P	
D439	6/6/15	P-159/P-160	Anchor Trench	WR	6/6/15	10:50 AM	2x4	P	JC	121	06/07/15	EM	GA	P	
D440	6/6/15	P-160/P-163/P-164	Intersection	INT	6/7/15	10:11 AM	2X3	P	JC	121	06/07/15	EM	GA	P	
D441	6/6/15	P-163/P-164/P-165	Intersection	INT	6/7/15	10:18 AM	2X3	P	JC	121	06/07/15	EM	GA	P	
D442	6/6/15	P-160/P-162/P-163	Intersection	INT	6/7/15	9:55 AM	2X3	P	JC	121	06/07/15	EM	GA	P	
D443	6/6/15	P-162/P-163/P-165	Intersection	INT	6/7/15	9:33 AM	2X3	P	JC	121	06/07/15	EM	GA	P	
D444	6/6/15	P-160/P-161/P-162	Intersection	INT	6/7/15	9:27 AM	3X3	P	JC	121	06/07/15	EM	GA	P	
D445	6/6/15	P-161/P-162/P-165	Intersection	INT	6/7/15	9:23 AM	2X4	P	JC	121	06/07/15	EM	GA	P	
D446	6/6/15	P-160/P-161	267' E of W EOS	PT	6/7/15	11:50 AM	2X8	P	JC	121	06/07/15	EM	GA	P	
D447	6/6/15	P-166/P-167	DF-62	DF	6/7/15	10:24 AM	2x5	P	JC	121	06/07/15	EM	GA	P	
D448	6/6/15	P-160/P-161	277' E of W EOS	PT	6/7/15	12:00 PM	2X2	P	JC	121	06/07/15	EM	GA	P	
D449	6/6/15	P-167/P-168	DF-63	DF	6/7/15	10:32 AM	2x5	P	JC	121	06/07/15	EM	GA	P	
D450	6/6/15	P-72*/P-157	S EOS to N EOS	FS	6/7/15	10:25 AM	5X10	P	JC	121	06/07/15	EM	GA	P	Covers D452
D451	6/6/15	P-165/P-166/P-167	Intersection	INT	6/7/15	10:30 AM	2X4	P	JC	121	06/07/15	EM	GA	P	
D452	6/6/15	P-73*/P-74*/P-157/P-158/P-159/P-160	Intersection	INT	6/7/15	Covered by D450									
D453	6/6/15	P-74*/P-75*/P-160	Intersection	INT	6/6/15	2:30 PM	2x2	P	JC	121	06/06/15	EM	GA	P	
D454	6/6/15	P-75*/P-160/P-161	Intersection	INT	6/6/15	3:00 PM	2x2	P	JC	121	06/06/15	EM	GA	P	
D455	6/6/15	P-75*/P-76*/P-161	Intersection	INT	6/6/15	3:10 PM	2x2	P	JC	121	06/06/15	EM	GA	P	
D456	6/6/15	P-76*/P-161/P-165/P-167	Intersection	INT	6/6/15	3:12 PM	2x2	P	JC	121	06/06/15	EM	GA	P	
D457	6/6/15	P-76*/P-167/P-250*	Intersection	INT	6/6/15	3:26 PM	2x2	P	JC	121	06/06/15	EM	GA	P	
D458	6/6/15	P-167/P-168/P-250*	Intersection	INT	6/6/15	3:28 PM	2x2	P	JC	121	06/06/15	EM	GA	P	
D459	6/6/15	P-168/P-250*/P-251*	Intersection	INT	6/6/15	3:38 PM	2x2	P	JC	121	06/06/15	EM	GA	P	
D460	6/6/15	P-168/P-251*	DX-13	DX	6/6/15	3:30 PM	2x5	P	JC	121	06/07/15	EM	GA	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D461	6/7/15	P-161/P-162	7' N of S EOS	BO	6/7/15	11:15 AM	2x3	P	JC	121	06/07/15	EM	AF	P	
D462	6/7/15	P-161/P-165	42' W of E EOS	BO	6/7/15	11:13 AM	2x2	P	JC	121	06/07/15	EM	AF	P	
D463	6/7/15	P-151	5' W of E EOS & 2' N	DO	6/7/15	11:25 AM	2x2	P	JC	121	06/07/15	EM	AF	P	
D464	6/7/15	P-74*/P-160	17' N of S EOS	W	6/7/15	9:50 AM	3x5	P	JC	121	06/07/15	EM	AF	P	
D465	6/7/15	P-168/P-169	DF-64	DF	6/8/15	9:05 AM	2x5	P	JC	121	06/08/15	EM	AF	P	
D466	6/7/15	P-169/P-170	208' E of W EOS	BO	6/8/15	8:40 AM	2x3	P	JC	121	06/08/15	EM	AF	P	
D467	6/7/15	P-169/P-170	193' E of W EOS	BO	6/8/15	8:35 AM	2x5	P	JC	121	06/08/15	EM	AF	P	
D468	6/7/15	P-169/P-170	251' E of W EOS	BO	6/8/15	9:15 AM	2x6	P	JC	121	06/08/15	EM	AF	P	
D469	6/7/15	P-169/P-170	273' E of W EOS	BO	6/8/15	9:35 AM	2x3	P	JC	121	06/08/15	EM	AF	P	
D470	6/7/15	P-169/P-170	DF-65	DF	6/8/15	9:40 AM	2x3	P	JC	121	06/08/15	EM	AF	P	
D471	6/7/15	P-169/P-170	103' E of W EOS	BO	6/8/15	8:12 AM	2x2	P	JC	121	06/08/15	EM	AF	P	
D472	6/7/15	P-168/P-169	187' E of W EOS	PT	6/8/15	8:20 AM	2x6	P	JC	121	06/08/15	EM	AF	P	
D473	6/7/15	P-173/P-174/P-177	Intersection	INT	6/8/15	3:35 PM	2x2	P	JC	121	06/08/15	EM	AF	P	
D474	6/8/15	P-172/P-255*	DX-14	DX	6/8/15	4:20 PM	2x4	P	JC	121	06/08/15	EM	AF	P	
D475	6/7/15	P-168/P-169/P-251*	Intersection	INT	6/7/15	3:10 PM	2x5	P	JC	121	06/08/15	EM	GA	P	
D476	6/8/15	P-169/P-251*/P-252*	Intersection	INT	6/8/15	3:15 PM	2x5	P	JC	121	06/08/15	EM	GA	P	
D477	6/8/15	P-169/P-170/P-252*	Intersection	INT	6/8/15	2:10 PM	2x5	P	JC	121	06/08/15	EM	GA	P	
D478	6/8/15	P-170/P-252*/P-253*	Intersection	INT	6/8/15	3:35 PM	2x5	P	JC	121	06/08/15	EM	GA	P	
D479	6/8/15	P-170/P-171/P-253*	Intersection	INT	6/8/15	3:40 PM	2x5	P	JC	121	06/08/15	EM	GA	P	
D480	6/7/15	P-171/P-253*/P-254*	Intersection	INT	6/7/15	3:45 PM	2x5	P	JC	121	06/08/15	EM	GA	P	
D481	6/7/15	P-171/P-172/P-254*	Intersection	INT	6/7/15	3:53 PM	2x5	P	JC	121	06/08/15	EM	GA	P	
D482	6/7/15	P-172/P-254*/P-255*	Intersection	INT	Covered by D474										
D483	6/8/15	P-170/P-171	10' E of W EOS	PT	6/8/15	1:35 PM	2x3	P	JC	121	06/08/15	EM	AF	P	
D484	6/8/15	P-172/P-175	DF-66	DF	6/8/15	1:20 PM	2x4	P	JC	121	06/08/15	EM	AF	P	
D485	6/8/15	P-174/P-177	DF-67	DF	6/8/15	2:15 PM	2x4	P	JC	121	06/08/15	EM	AF	P	
D486	6/8/15	P-172/P-173/P-174	Intersection	INT	6/8/15	3:40 PM	2x2	P	JC	121	06/08/15	EM	AF	P	
D487	6/8/15	P-172/P-174/P-175	Intersection	INT	6/8/15	1:55 PM	2x3	P	JC	121	06/08/15	EM	AF	P	
D488	6/8/15	P-172/P-175/P-176	Intersection	INT	6/8/15	12:05 PM	3x3	P	JC	121	06/08/15	EM	AF	P	
D489	6/8/15	P-172/P-176	Anchor Trench	WR	6/8/15	11:40 AM	2x3	P	JC	121	06/08/15	EM	AF	P	
D490	6/8/15	P-175/P-176/P-177	Intersection	INT	6/8/15	1:10 PM	2x3	P	JC	121	06/08/15	EM	AF	P	
D491	6/8/15	P-174/P-175/P-177	Intersection	INT	6/8/15	1:45 PM	3x3	P	JC	121	06/08/15	EM	AF	P	
D492	6/8/15	P-177/P-179	DF-68	DF	6/8/15	2:50 PM	2x4	P	JC	121	06/08/15	EM	AF	P	
D493	6/8/15	P-174/P-177	25' E of W EOS	WR	6/8/15	2:05 PM	2x3	P	JC	121	06/08/15	EM	AF	P	
D494	6/8/15	P-177/P-178/P-179	Intersection	INT	6/8/15	2:10 PM	2x5	P	JC	121	06/08/15	EM	AF	P	
D495	6/8/15	P-177/P-179/P-180	Intersection	INT	6/8/15	2:30 PM	2x3	P	JC	121	06/08/15	EM	AF	P	
D496	6/8/15	P-177/P-180/P-181	Intersection	INT	6/8/15	1:30 PM	2x3	P	JC	121	06/08/15	EM	AF	P	
D497	6/8/15	P-176/P-177	2' E of W EOS	PT	6/8/15	11:42 AM	2x2	P	JC	121	06/08/15	EM	AF	P	
D498	6/8/15	P-180/P-181/P-182	Intersection	INT	6/8/15	1:30 PM	2x3	P	JC	121	06/08/15	EM	AF	P	
D499	6/8/15	P-179/P-180/P-182	Intersection	INT	6/8/15	2:35 PM	2x3	P	JC	121	06/08/15	EM	AF	P	
D500	6/8/15	P-178/P-179/P-182	Intersection	INT	6/8/15	3:00 PM	2x3	P	JC	121	06/08/15	EM	AF	P	
D501	6/8/15	P-178/P-182	DF-69	DF	6/8/15	5:05 PM	2x4	P	JC	121	06/08/15	EM	AF	P	
D502	6/8/15	P-178/P-179	11' N of S EOS	C	6/8/15	3:10 PM	2x7	P	JC	121	06/08/15	EM	AF	P	
D503	6/8/15	P-168/P-169	Anchor Trench	IO	6/8/15	2:00 PM	2x3	P	JC	121	06/08/15	EM	AF	P	
D504	6/8/15	P-173/P-255*/P-256*	Intersection	INT	6/8/15	4:20 PM	2x5	P	JC	121	06/08/15	EM	AF	P	
D505	6/8/15	P-173/P-177/P-256*	Intersection	INT	6/8/15	4:35 PM	2x5	P	JC	121	06/08/15	EM	AF	P	
D506	6/8/15	P-177/P-256*/P-257*	Intersection	INT	6/8/15	4:45 PM	2x5	P	JC	121	06/08/15	EM	AF	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D507	6/8/15	P-177/P-178/P-257*	Intersection	INT	6/8/15	4:28 PM	2x5	P	JC	121	06/08/15	EM	AF	P	
D508	6/8/15	P-178/P-257*/P-258*	Intersection	INT	6/8/15	4:53 PM	2x5	P	JC	121	06/08/15	EM	AF	P	
D509	6/8/15	P-178/P-182/P-258*	Intersection	INT	6/8/15	4:55 PM	2x5	P	JC	121	06/08/15	EM	AF	P	
D510	6/8/15	P-182/P-258*/P-259*	Intersection	INT	6/8/15	5:00 PM	2x5	P	JC	121	06/08/15	EM	AF	P	
D511	6/8/15	P-182/P-259*	DX-15	DX	6/11/15	11:25 AM	2X5	P	JC	121	06/11/15	EM	PO	P	
D512	6/8/15	P-172/P-173/P-255*	Intersection	INT	6/8/15	5:15 PM	2x5	P	JC	121	06/08/15	EM	PO	P	
D513	6/8/15	P-173/P-255*	3' N of S EOS	WR	6/8/15	5:17 PM	2x2	P	JC	121	06/08/15	EM	AF	P	
D514	6/9/15	P-184/P-185/P-188	Intersection	INT	Covered by D516										
D515	6/9/15	P-185/P-186/P-188	Intersection	INT	6/10/15	8:36 AM	3x4	P	RR	001	06/10/15	EM	GA	P	
D516	6/9/15	P-185/P-188	15' N of S EOS	C	6/10/15	8:43 AM	2x14	C	RR	001	06/10/15	EM	GA	P	Covers D514
D517	6/9/15	P-190/P-191	DF-70	DF	6/10/15	8:17 AM	2x4	P	RR	001	06/10/15	EM	GA	P	
D518	6/9/15	P-192/P-193	DF-71	DF	6/10/15	7:58 AM	2x4	P	RR	001	06/10/15	EM	GA	P	
D519	6/9/15	P-183/P-189	Anchor Trench	PT	6/9/15	3:10 PM	4x5	P	JC	121	06/10/15	EM	GA	P	
D520	6/9/15	P-191/P-192/P-193	Intersection	INT	6/10/15	8:00 AM	2x3	P	RR	001	06/10/15	EM	GA	P	
D521	6/9/15	P-192/P-193/P-194	Intersection	INT	6/10/15	8:14 AM	2x3	P	RR	001	06/10/15	EM	GA	P	
D522	6/9/15	P-195/P-197	DF-72	DF	6/10/15	8:08 AM	2x4	P	RR	001	06/10/15	EM	GA	P	
D523	6/9/15	P-195/P-196/P-197	Intersection	INT	6/10/15	6:10 AM	2x4	P	RR	001	06/10/15	EM	GA	P	
D524	6/9/15	P-196/P-197/P-198	Intersection	INT	6/10/15	7:18 AM	3x3	P	RR	001	06/10/15	EM	GA	P	
D525	6/9/15	P-198/P-199/P-200	Intersection	INT	6/10/15	7:13 AM	2x2	P	RR	001	06/10/15	EM	GA	P	
D526	6/9/15	P-196/P-198	DF-73	DF	6/10/15	7:46 AM	2x4	P	RR	001	06/10/15	EM	GA	P	
D527	6/9/15	P-191/P-192	Anchor Trench	PT	6/9/15	4:30 PM	2x4	P	JC	121	06/10/15	EM	GA	P	
D528	6/9/15	P-192/P-194	Anchor Trench	PT	6/9/15	3:35 PM	2x3	P	JC	121	06/10/15	EM	GA	P	
D529	6/9/15	P-195/P-196	Anchor Trench	PT	6/9/15	3:40 PM	2x3	P	JC	121	06/10/15	EM	GA	P	
D530	6/10/15	P-124/P-186/P-187	Intersection	INT	6/10/15	7:20 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D531	6/10/15	P-125/P-186/P-188	Intersection	INT	6/10/15	7:40 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D532	6/10/15	P-125/P-126/P-188	Intersection	INT	6/10/15	7:55 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D533	6/10/15	P-126/P-184/P-188	Intersection	INT	6/10/15	7:58 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D534	6/10/15	P-127/P-183/P-184	Intersection	INT	6/10/15	8:08 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D535	6/10/15	P-131/P-183/P-189	Intersection	INT	6/10/15	8:16 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D536	6/10/15	P-131/P-136/P-189	Intersection	INT	6/10/15	8:35 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D537	6/10/15	P-136/P-189/P-190	Intersection	INT	6/10/15	8:37 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D538	6/10/15	P-137/P-190/P-191	Intersection	INT	6/10/15	8:43 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D539	6/10/15	P-137/P-138/P-191	Intersection	INT	6/10/15	8:52 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D540	6/10/15	P-138/P-191/P-193	Intersection	INT	6/10/15	8:53 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D541	6/10/15	P-138/P-142/P-193	Intersection	INT	6/10/15	9:02 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D542	6/10/15	P-142/P-193/P-194	Intersection	INT	6/10/15	9:04 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D543	6/10/15	P-143/P-194/P-195	Intersection	INT	6/10/15	9:28 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D544	6/10/15	P-144/P-195/P-197	Intersection	INT	6/10/15	9:38 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D545	6/10/15	P-144/P-145/P-197	Intersection	INT	6/10/15	9:49 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D546	6/10/15	P-145/P-197/P-198	Intersection	INT	6/10/15	9:51 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D547	6/10/15	P-145/P-148/P-198	Intersection	INT	6/10/15	10:00 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D548	6/10/15	P-148/P-198/P-199	Intersection	INT	6/10/15	10:02 AM	2x4	P	JC	121	06/10/15	EM	GA	P	
D549	6/10/15	P-194	At Crest & 11' N	MD	6/10/15	9:10 AM	2x2	P	RR	001	06/10/15	EM	GA	P	
D550	6/10/15	P-124/P-132/P-187	Intersection	INT	6/10/15	9:34 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D551	6/10/15	P-124/P-125/P-186	Intersection	INT	6/10/15	7:38 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D552	6/10/15	P-126/P-127/P-184	Intersection	INT	6/10/15	8:05 AM	2x5	P	JC	121	06/10/15	EM	GA	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D553	6/10/15	P-127/P-131/P-183	Intersection	INT	6/10/15	8:14 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D554	6/10/15	P-136/P-137/P-190	Intersection	INT	6/10/15	8:47 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D555	6/10/15	P-142/P-143/P-194	Intersection	INT	6/10/15	9:27 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D556	6/10/15	P-143/P-144/P-195	Intersection	INT	6/10/15	9:38 AM	2x2	P	JC	121	06/10/15	EM	GA	P	
D557	6/10/15	P-148/P-199	DX-16	DX	6/10/15	10:48 AM	2x4	P	JC	121	06/10/15	EM	GA	P	
D558	6/10/15	P-148/P-149/P-199	Intersection	INT	6/10/15	10:51 AM	2x5	P	JC	121	06/10/15	EM	GA	P	
D559	6/10/15	P-191	At Crest & 14' N of P-190/P-191	PU	6/10/15	11:30 AM	2x2	P	JC	121	06/10/15	EM	PO	P	
D560	6/10/15	P-106/P-203	DF-74	DF	6/10/15	6:59 PM	3x6	P	RR	001	06/11/15	EM	PO	P	
D561	6/10/15	P-100/P-101/P-201	Intersection	INT	Covered by D588										
D562	6/10/15	P-103/P-201/P-202	Intersection	INT	6/10/15	5:20 PM	3x3	P	JC	121	06/11/15	EM	PO	P	
D563	6/10/15	P-103/P-105/P-202	Intersection	INT	6/10/15	6:00 PM	5x5	P	JC	121	06/11/15	EM	PO	P	
D564	6/10/15	P-105/P-202/P-203	Intersection	INT	Covered by D586										
D565	6/10/15	P-105/P-106/P-203	Intersection	INT	Covered by D586										
D566	6/10/15	P-106/P-203/P-204	Intersection	INT	Covered by D589										
D567	6/10/15	P-106/P-108/P-204	Intersection	INT	Covered by D589										
D568	6/10/15	P-108/P-204	7' N of S EOS	BO	6/10/15	7:22 PM	3x4	P	RR	001	06/11/15	EM	PO	P	
D569	6/10/15	P-108/P-109/P-204	Intersection	INT	6/10/15	7:30 PM	3x10	P	RR	001	06/11/15	EM	PO	P	
D570	6/10/15	P-109/P-204/P-205	Intersection	INT	6/10/15	7:47 PM	3x3	P	RR	001	06/11/15	EM	PO	P	
D571	6/10/15	P-109/P-205/P-207	Intersection	INT	6/10/15	7:58 PM	3x3	P	RR	001	06/11/15	EM	PO	P	
D572	6/10/15	P-206/P-207	DF-75	DF	6/10/15	8:39 PM	3x4	P	JC	121	06/11/15	EM	PO	P	
D573	6/10/15	P-204/P-205/P-206	Intersection	INT	6/10/15	8:26 PM	2x6	P	JC	121	06/11/15	EM	PO	P	
D574	6/10/15	P-205/P-206/P-207	Intersection	INT	6/10/15	8:23 PM	2x3	P	JC	121	06/11/15	EM	PO	P	
D575	6/10/15	P-105/P-202	S EOS to 12' N	FS	6/10/15	6:22 PM	3x14	C	RR	001	06/11/15	EM	PO	P	
D576	6/10/15	P-204/P-208*/P-209*	Intersection	INT	6/11/15	6:40 AM	2X5	P	JC	121	06/11/15	EM	PO	P	
D577	6/10/15	P-114/P-208/P-209	Intersection	INT	6/11/15	7:10 PM	3X5	P	JC	121	06/11/15	EM	PO	P	
D578	6/10/15	P-113/P-114/P-208	Intersection	INT	6/11/15	7:02 PM	4X4	P	RR	001	06/11/15	EM	PO	P	
D579	6/10/15	P-111/P-113/P-208	Intersection	INT	6/11/15	8:31 PM	2X4	P	RR	001	06/11/15	EM	PO	P	
D580	6/10/15	P-111/P-207/P-208	Intersection	INT	6/10/15	10:30 AM	4x11	P	RR	001	06/11/15	EM	PO	P	
D581	6/10/15	P-109/P-111/P-207	Intersection	INT	6/10/15	8:06 PM	5x10	P	RR	001	06/11/15	EM	PO	P	
D582	6/10/15	P-100/P-201/P-211	Intersection	INT	6/10/15	5:40 PM	2x18	P	RR	001	06/11/15	EM	PO	P	
D583	6/10/15	P-100/P-201	17' Seam Cap	IO	6/10/15	5:45 PM	2X6	P	RR	001	06/11/15	EM	PO	P	
D584	6/10/15	P-100	3' E of W EOS & 1' S	W	6/10/15	1:00 PM	2X2	P	JC	121	06/11/15	EM	PO	P	
D585	6/10/15	P-208/P-209/P-210	Intersection	INT	6/11/15	8:30 AM	2X4	P	JC	121	06/11/15	EM	PO	P	
D586	6/10/15	P-105/P-203	W EOS to E EOS	FS	6/10/15	6:36 PM	2x11	C	RR	001	06/11/15	EM	PO	P	Covers D564, D565
D587	6/10/15	P-101/P-103/P-201	Intersection	INT	Covered by D588										
D588	6/10/15	P-101/P-201	W EOS to E EOS	FS	6/10/15	5:35 PM	2x9	C	JC	121	06/11/15	EM	PO	P	Covers D561, D587
D589	6/10/15	P-106/P-204	E EOS to W EOS	FS	6/10/15	7:12 PM	4X13	C	RR	001	06/11/15	EM	PO	P	Covers D566, D567
D590	6/10/15	P-113/P-208	7' S of N EOS	PT	6/11/15	6:54 PM	2X5	P	JC	121	06/11/15	EM	PO	P	
D591	6/10/15	P-204*/P-205*/P-211	Intersection	INT	6/10/15	7:05 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D592	6/10/15	P-201/P-205*/P-211	Intersection	INT	6/10/15	7:08 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D593	6/10/15	P-201/P-205*/P-206*	Intersection	INT	6/10/15	6:20 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D594	6/10/15	P-201/P-202/P-206*	Intersection	INT	6/10/15	6:30 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D595	6/10/15	P-202/P-206*/P-207*	Intersection	INT	6/10/15	6:39 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D596	6/10/15	P-202/P-203/P-207*	Intersection	INT	6/10/15	6:41 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D597	6/10/15	P-207/P-208/P-211*	Intersection	INT	6/10/15	7:36 PM	2x5	P	JC	121	06/11/15	EM	PO	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D598	6/10/15	P-207/P-210*/P-211*	Intersection	INT	6/10/15	7:38 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D599	6/10/15	P-206/P-207/P-210*	Intersection	INT	6/10/15	7:47 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D600	6/10/15	P-204/P-206/P-209*	Intersection	INT	6/10/15	7:58 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D601	6/10/15	P-206/P-209*/P-210*	Intersection	INT	6/10/15	7:48 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D602	6/10/15	P-203/P-204/P-208*	Intersection	INT	6/10/15	8:04 PM	2x4	P	JC	121	06/11/15	EM	PO	P	
D603	6/10/15	P-203/P-207*/P-208*	Intersection	INT	6/10/15	8:13 PM	2x4	P	JC	121	06/11/15	EM	PO	P	
D604	6/10/15	P-208/P-211*/P-212*	Intersection	INT	6/10/15	4:03 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D605	6/10/15	P-111/P-208	E EOS-W EOS	FS	6/10/15	8:26 PM	4X12	C	RR	001	06/11/15	EM	PO	P	
D606	6/10/15	P-210	1' E of W EOS & 4' S	DO	6/10/15	8:17 PM	2x2	P	JC	121	06/11/15	EM	PO	P	
D607	6/10/15	P-208/P-210/P-212*	Intersection	INT	6/10/15	8:44 PM	2x3	P	RR	001	06/11/15	EM	PO	P	
D608	6/11/15	P-212/P-213	DF-76	DF	6/11/15	4:50 PM	2x4	P	RR	001	06/11/15	EM	PO	P	
D609	6/11/15	P-199/P-212	DF-77	DF	6/11/15	4:30 PM	4x6	P	RR	001	06/11/15	EM	PO	P	
D610	6/11/15	P-199/P-212	28' E of W EOS	BO	6/11/15	4:36 PM	2x5	P	RR	001	06/11/15	EM	PO	P	
D611	6/11/15	P-199/P-200/P-212	Intersection	INT	6/11/15	4:44 PM	2x4	P	RR	001	06/11/15	EM	PO	P	
D612	6/11/15	P-199/P-212	15' W of E EOS	BO	6/13/15	8:15 AM	2x6	P	JC	121	06/13/15	EM	GA	P	
D613	6/11/15	P-215/P-216	DF-78	DF	6/11/15	5:00 PM	3x5	P	RR	001	06/11/15	EM	PO	P	
D614	6/11/15	P-216/P-217	DF-79	DF	6/11/15	5:09 PM	2x4	P	RR	001	06/11/15	EM	PO	P	
D615	6/11/15	P-214/P-215	Anchor Trench	PT	6/11/15	4:25 PM	2x5	P	JC	121	06/11/15	EM	PO	P	
D616	6/11/15	P-213/P-214	Anchor Trench	PT	6/11/15	4:35 PM	2x3	P	JC	121	06/11/15	EM	PO	P	
D617	6/11/15	P-212/P-213	Anchor Trench	PT	6/11/15	5:05 PM	2x3	P	JC	121	06/11/15	EM	PO	P	
D618	6/11/15	P-200/P-212	Anchor Trench	PT	6/11/15	5:10 PM	2x4	P	JC	121	06/11/15	EM	PO	P	
D619	6/11/15	P-216/P-217	266' E of W EOS	WR	6/11/15	5:45 PM	2x5	P	RR	001	06/11/15	EM	PO	P	
D620	6/11/15	P-199/P-212	25' E of W EOS	PT	6/11/15	4:41 PM	3x3	P	RR	001	06/11/15	EM	PO	P	
D621	6/11/15	P-216/P-217	125' E of W EOS	PT	6/13/15	10:37 AM	2x10	P	JC	121	06/13/15	EM	GA	P	
D622	6/11/15	P-218/P-219	261' E of W EOS	WR	6/11/15	5:38 PM	3x6	P	RR	001	06/11/15	EM	PO	P	
D623	6/11/15	P-218/P-219	DF-80	DF	6/11/15	5:30 PM	3x5	P	RR	001	06/11/15	EM	PO	P	
D624	6/11/15	P-218/P-219	3' E of W EOS	PT	6/11/15	5:35 PM	3x4	P	JC	121	06/11/15	EM	PO	P	
D625	6/11/15	P-214/P-215	16' W of E EOS	PT	6/11/15	5:25 PM	2x4	P	RR	001	06/11/15	EM	PO	P	
D626	6/11/15	P-215/P-216	Anchor Trench	PT	6/11/15	4:20 PM	2x2	P	JC	121	06/11/15	EM	PO	P	
D627	6/11/15	P-217/P-218	Anchor Trench	PT	6/11/15	4:00 PM	2x3	P	JC	121	06/11/15	EM	PO	P	
D628	6/13/15	P-149/P-150/P-212	Intersection	INT	6/13/15	8:40 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D629	6/13/15	P-150/P-212/P-213	Intersection	INT	6/13/15	8:42 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D630	6/13/15	P-149/P-199/P-212	Intersection	INT	6/13/15	8:30 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D631	6/13/15	P-150/P-151/P-213	Intersection	INT	6/13/15	8:36 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D632	6/13/15	P-151/P-213/P-214	Intersection	INT	6/13/15	8:48 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D633	6/13/15	P-151/P-155/P-214	Intersection	INT	6/13/15	8:58 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D634	6/13/15	P-155/P-214/P-215	Intersection	INT	6/13/15	9:00 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D635	6/13/15	P-155/P-156/P-215	Intersection	INT	6/13/15	9:10 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D636	6/13/15	P-156/P-215/P-216	Intersection	INT	6/13/15	9:12 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D637	6/13/15	P-156/P-157/P-216	Intersection	INT	6/13/15	9:30 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D638	6/13/15	P-157/P-216/P-217	Intersection	INT	6/13/15	9:34 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D639	6/13/15	P-157/P-158/P-217	Intersection	INT	6/13/15	9:40 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D640	6/13/15	P-158/P-217/P-218	Intersection	INT	6/13/15	9:42 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D641	6/13/15	P-158/P-159/P-218	Intersection	INT	6/13/15	9:50 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D642	6/13/15	P-159/P-218/P-219	Intersection	INT	6/13/15	9:52 AM	2x2	P	JC	121	06/13/15	EM	GA	P	
D643	6/13/15	P-159/P-160/P-219	Intersection	INT	6/13/15	10:00 AM	2x2	P	JC	121	06/13/15	EM	GA	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D644	6/13/15	P-159/P-219	DX-17	DX	6/13/15	10:25 AM	2x4	P	JC	121	06/13/15	EM	GA	P	
D645	6/17/15	P-219/P-220	DF-81	DF	6/13/15	2:16 PM	2x2	P	JC	121	06/13/15	EM	GA	P	
D646	6/17/15	P-219/P-220	230' E of W EOS	WR	6/18/15	10:52 AM	4x8	P	RR	001	06/18/15	EM	AF	P	
D647	6/17/15	P-219/P-220	Anchor Trench	PT	6/18/15	3:50 PM	3x4	P	JC	121	06/19/15	EM	GA	P	
D648	6/17/15	P-220/P-223/P-224	Intersection	INT	6/17/15	2:23 PM	2x4	P	JC	121	06/19/15	EM	GA	P	
D649	6/17/15	P-223	4' E of W EOS & 1' N	MD	6/18/15	2:27 PM	2x1	P	JC	121	06/21/15	EM	AF	P	
D650	6/17/15	P-220/P-222/P-223	Intersection	INT	6/18/15	2:09 PM	2x4	P	JC	121	06/19/15	EM	GA	P	
D651	6/17/15	P-220/P-221/P-222	Intersection	INT	6/18/15	11:00 AM	3x4	P	RR	001	06/18/15	EM	AF	P	
D652	6/17/15	P-221/P-222/P-225	Intersection	INT	Covered by D664										
D653	6/17/15	P-222/P-223/P-225	Intersection	INT	6/18/15	2:02 PM	2x4	P	JC	121	06/19/15	EM	GA	P	
D654	6/17/15	P-223/P-224/P-225	Intersection	INT	6/18/15	2:29 PM	2x4	P	JC	121	06/19/15	EM	GA	P	
D655	6/17/15	P-226/P-227	DF-82	DF	6/18/15	12:26 PM	3x5	P	JC	121	06/20/15	EM	AF	P	Covers D659
D656	6/17/15	P-224/P-225	30' E of W EOS	PT	6/18/15	2:36 PM	2x4	P	JC	121	06/19/15	EM	GA	P	
D657	6/17/15	P-225/P-228/P-229	Intersection	INT	6/18/15	1:59 PM	3x3	P	JC	121	06/19/15	EM	GA	P	
D658	6/17/15	P-225/P-227/P-228	Intersection	INT	6/18/15	11:20 AM	2x3	P	RR	001	06/18/15	EM	AF	P	
D659	6/17/15	P-225/P-226/P-227	Intersection	INT	Covered by D655										
D660	6/17/15	P-228/P-230	DF-83	DF	6/18/15	1:45 PM	2x4	P	JC	121	06/19/15	EM	GA	P	
D661	6/17/15	P-226/P-227/P-230	Intersection	INT	6/18/15	12:21 PM	2x3	P	JC	121	06/19/15	EM	GA	P	
D662	6/17/15	P-227/P-228/P-230	Intersection	INT	6/18/15	12:46 PM	2x3	P	JC	121	06/19/15	EM	GA	P	
D663	6/17/15	P-228/P-229/P-230	Intersection	INT	6/18/15	1:56 PM	2x3	P	JC	121	06/19/15	EM	GA	P	
D664	6/17/15	P-221/P-225	8' E of W EOS	FS	6/18/15	11:12 AM	2x6	P	RR	001	06/18/15	EM	AF	P	Covers D652
D665	6/17/15	P-230/P-231/P-232	Intersection	INT	6/18/15	12:17 PM	2x4	P	JC	121	06/18/15	EM	AF	P	
D666	6/17/15	P-230/P-232/P-233	Intersection	INT	6/18/15	12:40 PM	2x4	P	JC	121	06/19/15	EM	GA	P	
D667	6/17/15	P-230/P-233/P-234	Intersection	INT	6/18/15	1:00 PM	2x4	P	JC	121	06/19/15	EM	GA	P	
D668	6/17/15	P-230/P-234/P-235	Intersection	INT	6/18/15	2:41 PM	2x4	P	JC	121	06/19/15	EM	GA	P	
D669	6/17/15	P-230/P-235	DF-84	DF	6/18/15	15:45	2x4	P	JC	121	06/19/15	EM	GA	F	
D670	6/17/15	P-230/P-234	50' E of W EOS	WR	6/18/15	1:16 PM	2x3	P	JC	121	06/19/15	EM	GA	P	
D671	6/18/15	P-160/P-219/P-220	Intersection	INT	6/18/15	8:55 AM	2x3	P	JC	121	06/18/15	EM	AF	P	
D672	6/18/15	P-160/P-164/P-220	Intersection	INT	6/18/15	9:15 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D673	6/18/15	P-164/P-220/P-221	Intersection	INT	6/18/15	9:23 AM	4x6	P	JC	121	06/18/15	EM	AF	P	
D674	6/18/15	P-164/P-165/P-221	Intersection	INT	6/18/15	9:28 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D675	6/18/15	P-165/P-221/P-225	Intersection	INT	6/18/15	9:33 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D676	6/18/15	P-165/P-166/P-225	Intersection	INT	6/18/15	9:38 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D677	6/18/15	P-166/P-225/P-226	Intersection	INT	6/18/15	9:45 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D678	6/18/15	P-166/P-167/P-226	Intersection	INT	6/18/15	9:53 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D679	6/18/15	P-167/P-226/P-230	Intersection	INT	6/18/15	10:26 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D680	6/18/15	P-167/P-168/P-230	Intersection	INT	6/18/15	10:06 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D681	6/18/15	P-168/P-230/P-231	Intersection	INT	6/18/15	10:38 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D682	6/18/15	P-168/P-169/P-231	Intersection	INT	6/18/15	10:12 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D683	6/18/15	P-169/P-231	DX-18	DX	6/18/15	10:58 AM	2x5	P	JC	121	06/18/15	EM	AF	P	
D684	6/18/15	P-231/P-236	DF-85	DF	6/20/15	11:10 AM	2x5	P	RR	001	06/21/15	EM	AF	P	
D685	6/18/15	P-236/P-238	40' E of W EOS	IO	6/19/15	10:15 AM	2x3	P	JC	001	06/20/15	EM	AF	P	
D686	6/18/15	P-234/P-235/P-236	Intersection	INT	6/19/15	9:25 AM	3x4	P	JC	001	06/20/15	EM	AF	P	
D687	6/18/15	P-233/P-234/P-236	Intersection	INT	6/19/15	9:15 AM	2x6	P	JC	001	06/20/15	EM	AF	P	
D688	6/18/15	P-232/P-233/P-236	Intersection	INT	6/19/15	8:18 AM	3x6	P	JC	001	06/20/15	EM	AF	P	
D689	6/18/15	P-236/P-237/P-238	Intersection	INT	6/19/15	8:25 AM	3x4	P	JC	001	06/20/15	EM	AF	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D690	6/18/15	P-236/P-238	236' E of W EOS	WR	6/19/15	8:30 AM	3x5	P	JC	001	06/20/15	EM	AF	P	
D691	6/18/15	P-236/P-238	217' E of W EOS	WR	6/19/15	8:45 AM	2x8	P	JC	001	06/20/15	EM	AF	P	
D692	6/18/15	P-239/P-240/P-241	Intersection	INT	6/19/15	11:45 AM	3x5	P	JC	001	06/20/15	EM	AF	P	
D693	6/18/15	P-239/P-241/P-242	Intersection	INT	6/19/15	11:35 AM	3x3	P	JC	001	06/20/15	EM	AF	P	
D694	6/18/15	P-241/P-242/P-243	Intersection	INT	Covered by D695										
D695	6/18/15	P-241/P-243	DF-87	DF	6/19/15	11:20 AM	2x8	P	JC	001	06/20/15	EM	AF	P	Covers D694
D696	6/18/15	P-243/P-244/P-245	Intersection	INT	Covered by D702										
D697	6/18/15	P-243/P-245	DF-88	DF	6/19/15	10:40 AM	2x5	P	JC	001	06/20/15	EM	AF	P	
D698	6/19/15	P-236/P-238	Anchor Trench	PT	6/19/15	9:55 AM	2x3	P	JC	001	06/20/15	EM	AF	P	
D699	6/19/15	P-235/P-236	Anchor Trench	PT	6/19/15	8:45 AM	2x3	P	JC	001	06/20/15	EM	AF	P	
D700	6/19/15	P-238/P-239	Anchor Trench	PT	6/19/15	10:25 AM	2x4	P	JC	001	06/20/15	EM	AF	P	
D701	6/19/15	P-243/P-245	Anchor Trench	PT	6/19/15	10:35 AM	2x3	P	JC	001	06/20/15	EM	AF	P	
D702	6/19/15	P-243/P-245	8' W of E EOS	PT	6/19/15	11:05 AM	3x12	C	JC	001	06/21/15	EM	AF	P	Covers D686, D703
D703	6/19/15	P-243/P-245	7' W of E EOS	PT	Covered by D702										
D704	6/19/15	P-231/P-232/P-236	Intersection	INT	6/19/15	8:10 AM	2x2	P	JC	001	06/20/15	EM	AF	P	
D705	6/19/15	P-236/P-238	DF-86	DF	6/19/15	10:10 AM	2x4	P	JC	001	06/20/15	EM	AF	P	
D706	6/19/15	P-245/P-253	Anchor Trench	WR	6/19/15	1:20 PM	2x2	P	JC	001	06/21/15	EM	AF	P	
D707	6/19/15	P-246/P-247/P-248	Intersection	INT	6/19/15	11:59 AM	2x4	P	JC	001	06/20/15	RR	AF	P	
D708	6/19/15	P-243/P-247/P-248/P-249	Intersection	INT	6/20/15	9:27 AM	2x5	P	RR	001	06/20/15	EM	AF	P	
D709	6/19/15	P-243/P-244/P-249	Intersection	INT	6/20/15	9:33 AM	2x3	P	RR	001	06/20/15	EM	AF	P	
D710	6/19/15	P-244/P-249/P-250	Intersection	INT	6/20/15	9:45 AM	2x5	P	RR	001	06/20/15	EM	AF	P	
D711	6/19/15	P-249/P-250/P-251	Intersection	INT	6/19/15	1:15 PM	2x3	P	JC	001	06/20/15	EM	AF	P	
D712	6/19/15	P-250/P-251/P-252/P-253	Intersection	INT	6/20/15	10:06 AM	2x4	P	RR	001	06/20/15	EM	AF	P	
D713	6/19/15	P-246/P-255	DF-89	DF	6/19/15	12:10 PM	2x5	P	JC	001	06/20/15	RR	AF	P	
D714	6/19/15	P-244/P-245/P-250	Intersection	INT	6/20/15	10:00 AM	2x3	P	RR	001	06/21/15	EM	AF	P	
D715	6/19/15	P-246/P-254/P-255	Intersection	INT	6/19/15	12:05 PM	2x4	P	JC	001	06/20/15	RR	AF	P	
D716	6/19/15	P-254/P-255/P-257	Intersection	INT	6/19/15	12:00 PM	2x3	P	JC	001	06/20/15	RR	AF	P	
D717	6/19/15	P-239/P-254/P-256/P-257	Intersection	INT	6/20/15	9:00 AM	2x5	P	JR	001	06/22/15	EM	SW	P	
D718	6/19/15	P-239/P-240/P-254	Intersection	INT	6/20/15	8:52 AM	2x2	P	RR	001	06/20/15	EM	AF	P	
D719	6/19/15	P-256/P-257/P-258	Intersection	INT	6/19/15	7:10 PM	2x2	P	JC	001	06/20/15	RR	AF	P	
D720	6/19/15	P-240/P-246/P-254	Intersection	INT	6/20/15	8:40 AM	2x4	P	RR	001	06/21/15	EM	AF	P	
D721	6/19/15	P-240/P-241/P-246	Intersection	INT	6/20/15	8:30 AM	2x2	P	RR	001	06/21/15	EM	AF	P	
D722	6/19/15	P-240/P-241/P-243/P-246	Intersection	INT	6/20/15	8:30 AM	2x2	P	RR	001	06/21/15	EM	AF	P	
D723	6/19/15	P-246/P-255	Anchor Trench	PT	6/19/15	1:30 PM	3x5	P	JC	001	06/20/15	RR	AF	P	
D724	6/19/15	P-258/P-260	DF-90	DF	6/19/15	4:00 PM	2x5	P	JC	001	06/20/15	RR	AF	P	
D725	6/19/15	P-261/P-262	DF-91	DF	6/20/15	7:44 AM	2x6	P	RR	001	06/20/15	EM	AF	P	Covers D728
D726	6/19/15	P-258/P-260/P-261	Intersection	INT	6/19/15	7:05 PM	2x3	P	JC	001	06/20/15	RR	AF	P	
D727	6/19/15	P-260/P-261/P-263	Intersection	INT	6/19/15	7:00 PM	3x6	P	JC	001	06/20/15	RR	AF	P	
D728	6/19/15	P-237/P-258/P-261/P-262	Intersection	INT	Covered by D725										
D729	6/19/15	P-261/P-262/P-263	Intersection	INT	6/20/15	7:56 AM	2x3	P	RR	001	06/20/15	RR	AF	P	
D730	6/19/15	P-258/P-259/P-260	Intersection	INT	6/19/15	3:55 PM	2x2	P	JC	001	06/20/15	RR	AF	P	
D731	6/19/15	P-259/P-260/P-263	Intersection	INT	6/19/15	3:50 PM	4x4	P	JC	001	06/20/15	RR	AF	P	
D732	6/19/15	P-257/P-258	Anchor Trench	PT	6/19/15	1:45 PM	2x3	P	JC	001	06/20/15	RR	AF	P	
D733	6/19/15	P-258/P-259	Anchor Trench	PT	6/19/15	2:00 PM	2x6	P	JC	001	06/20/15	RR	AF	P	
D734	6/19/15	P-259/P-263	Anchor Trench	PT	6/19/15	2:30 PM	2x5	P	JC	001	06/20/15	RR	AF	P	
D735	6/19/15	P-261/P-263	20' E of W EOS	BO	6/19/15	7:20 PM	2x5	P	JC	001	06/20/15	RR	AF	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D736	6/19/15	P-263/P-264	DF-92	DF	6/20/15	10:31 AM	2x4	P	RR	001	06/20/15	RR	AF	P	
D737	6/19/15	P-259	50' E of W EOS & 8' N	PU	6/19/15	3:25 PM	2x2	P	JC	001	06/20/15	RR	AF	P	
D738	6/19/15	P-263/P-264/P-265	Intersection	INT	6/19/15	6:15 PM	2x2	P	JC	001	06/20/15	RR	AF	P	
D739	6/19/15	P-263/P-265/P-266	Intersection	INT	6/19/15	6:30 PM	2x3	P	JC	001	06/20/15	RR	AF	P	
D740	6/19/15	P-263/P-266/P-267	Intersection	INT	6/19/15	6:45 PM	4x5	P	JC	001	06/20/15	RR	AF	P	
D741	6/19/15	P-264/P-265/P-268	Intersection	INT	6/19/15	6:20 PM	2x2	P	JC	001	06/20/15	RR	AF	P	
D742	6/19/15	P-265/P-266/P-268	Intersection	INT	6/19/15	6:20 PM	2x2	P	JC	001	06/20/15	RR	AF	P	
D743	6/19/15	P-266/P-267/P-268	Intersection	INT	6/19/15	6:40 PM	2x2	P	JC	001	06/20/15	RR	AF	P	
D744	6/19/15	P-240/P-246	DF-93	DF	6/20/15	8:40 AM	2x4	P	RR	001	06/21/15	EM	AF	P	
D745	6/19/15	P-236/P-263	20' W of E EOS	WR	Covered by D751										
D746	6/19/15	P-236/P-263/P-267/P-269	Intersection	INT	6/20/15	11:04 AM	5x6	P	RR	001	06/20/15	RR	AF	P	
D747	6/19/15	P-170/P-267/P-268/P-269	Intersection	INT	6/21/15	9:05 AM	2x4	P	JC	121	06/21/15	EM	AF	P	
D748	6/19/15	P-236/P-263	12' W of E EOS	PT	Covered by D751										
D749	6/19/15	P-236/P-237/P-262	Intersection	INT	6/20/15	7:30 AM	2x6	P	RR	001	06/22/15	JR	SW	P	
D750	6/19/15	P-236/P-262/P-263	Intersection	INT	6/20/15	7:26 AM	2x4	P	RR	001	06/20/15	EM	AF	P	
D751	6/19/15	P-236/P-263	10' W of E EOS	FS	6/20/15	10:51 AM	2x7	C	RR	001	06/20/15	RR	AF	P	
D752	6/19/15	P-237/P-238/P-239/P-258	Intersection	INT	6/20/15	8:18 AM	3x5	P	RR	001	06/20/15	EM	AF	P	
D753	6/19/15	P-239/P-256/P-258	Intersection	INT	6/20/15	9:06 AM	2x3	P	RR	001	06/20/15	EM	AF	P	
D754	6/19/15	P-243/P-246/P-247	Intersection	INT	6/20/15	8:30 AM	2x2	P	RR	001	06/20/15	EM	AF	P	
D755	6/19/15	P-243/P-246	Entire Seam	FS	6/20/15	8:30 AM	2x5	C	RR	001	06/20/15	EM	AF	P	
D756	6/19/15	P-244/P-249	6' W of E EOS	PT	6/20/15	9:40 AM	2x2	P	RR	001	06/20/15	EM	AF	P	
D757	6/19/15	P-244/P-245/P-250/P-253	Intersection	INT	6/20/15	10:00 AM	2x2	P	RR	001	06/20/15	EM	AF	P	
D758	6/19/15	P-245/P-250	Entire Seam	FS	6/20/15	10:00 AM	2x6	C	RR	001	06/20/15	EM	AF	P	
D759	6/20/15	P-252/P-253	Anchor Trench	PT	6/20/15	10:15 AM	2x2	P	RR	001	06/20/15	EM	AF	P	
D760	6/20/15	P-87/CAP 1	27' Long on P-87	DO	6/20/15	7:20 AM	4x27	C	JC	121	06/20/15	GH	PO	P	
D761	6/20/15	P-87/CAP 2	65' Long on P-87	DO	6/20/15	8:10 AM	4x65	C	JC	121	06/20/15	GH	PO	P	
D762	6/20/15	P-87/CAP 3	63' Long on P-87	DO	6/20/15	9:05 AM	4x63	C	JC	121	06/20/15	RR	PO	P	
D763	6/20/15	P-87/CAP 4	61' Long on P-87	DO	6/20/15	10:00 AM	4x61	C	JC	121	06/20/15	RR	PO	P	
D764	6/20/15	P-87/CAP 5	24' Long on P-87	DO	6/20/15	10:30 AM	4x24	C	JC	121	06/20/15	RR	PO	P	
D765	6/20/15	P-87/CAP 6	13' Long on P-87	DO	6/20/15	11:34 AM	4x13	C	JC	121	06/20/15	RR	PO	P	
D766	6/20/15	P-87/CAP 7	14' Long on P-87	DO	6/20/15	11:04 AM	4x14	C	JC	121	06/20/15	RR	PO	P	
D767	6/20/15	P-87/CAP 8	25' Across P-87 & P-89	DO	6/20/15	11:20 AM	4x25	C	JC	121	06/20/15	RR	PO	P	
D768	6/20/15	P-87/CAP 1	DX-19	DX	6/20/15	7:20 AM	4x6	P	JC	121	06/20/15	RR	PO	P	
D769	6/20/15	P-88	12' N of S EOS & 30' W	WR	6/20/15	3:32 PM	3x3	P	JC	121	06/20/15	GH	PO	P	
D770	6/20/15	P-88	13' N od S EOS & 30' W	WR	6/20/15	3:40 PM	4x5	P	JC	121	06/20/15	GH	PO	P	
D771	6/20/15	P-86	15' E of W EOS & 5' S	WR	6/20/15	4:04 PM	4x6	P	JC	121	06/20/15	GH	PO	P	
D772	6/20/15	P-86/P-87/P-88/CAP 9	15' E of W EOS	DO	6/20/15	3:14 PM	4x36	C	JC	121	06/20/15	GH	PO	P	
D773	6/20/15	P-270/P-271	DF-94	DF	6/21/15	9:04 AM	2x4	P	JC	121	06/21/15	EM	AF	P	
D774	6/20/15	P-271/P-272	DF-95	DF	6/21/15	1:45 PM	2x6	P	JC	121	06/22/15	EM	GA	P	
D775	6/20/15	P-182/P-259/P-270	Intersection	INT	6/21/15	9:51 AM	2x5	P	JC	121	06/22/15	EM	GA	P	
D776	6/20/15	P-260/P-270/P-271	Intersection	INT	6/21/15	10:03 AM	2x6	P	JC	121	06/22/15	EM	GA	P	
D777	6/20/15	P-261/P-271/P-272	Intersection	INT	6/21/15	10:20 AM	2x5	P	JC	121	06/22/15	EM	GA	P	
D778	6/21/15	P-182/P-270	Anchor Trench	WR	6/21/15	8:40 AM	2x2	P	JC	121	06/21/15	EM	AF	P	
D779	6/21/15	P-272/P-273	Anchor Trench	WR	6/21/15	9:00 AM	2x3	P	JC	121	06/21/15	EM	AF	P	
D780	6/21/15	P-272/P-273	DF-96	DF	6/21/15	3:30 PM	2x4	P	JC	121	06/21/15	EM	AF	P	
D781	6/21/15	P-169/P-231/P-236/P-269	Intersection	INT	6/21/15	7:15 AM	2x5	P	JC	121	06/21/15	EM	AF	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D782	6/21/15	P-169/P-170/P-269	Intersection	INT	6/21/15	7:20 AM	2x5	P	JC	121	06/21/15	EM	AF	P	
D783	6/21/15	P-170/P-171/P-268	Intersection	INT	6/21/15	7:55 AM	2x5	P	JC	121	06/21/15	EM	AF	P	
D784	6/21/15	P-274/P-275	DF-97	DF	6/21/15	2:56 PM	2x4	P	JC	121	06/22/15	EM	AF	P	
D785	6/21/15	P-275/P-276/P-277	Intersection	INT	6/21/15	1:05 PM	2x3	P	JC	121	06/22/15	EM	GA	P	
D786	6/21/15	P-275/P-277/P-278	Intersection	INT	6/21/15	3:50 PM	2x2	P	JC	121	06/21/15	EM	AF	P	
D787	6/21/15	P-275/P-278/P-279	Intersection	INT	6/21/15	3:54 PM	2x2	P	JC	121	06/22/15	EM	GA	P	
D788	6/21/15	P-273/P-274	78' E of W EOS	PT	6/21/15	3:10 PM	3x4	P	JC	121	06/21/15	EM	AF	P	
D789	6/21/15	P-275/P-279	DF-98	DF	6/21/15	3:45 PM	3x5	P	JC	121	06/21/15	EM	AF	P	
D790	6/21/15	P-259/P-260/P-270	Intersection	INT	6/21/15	9:58 AM	2x5	P	JC	121	06/22/15	EM	GA	P	
D791	6/21/15	P-260/P-261/P-271	Intersection	INT	6/21/15	10:11 AM	2x5	P	JC	121	06/22/15	EM	GA	P	
D792	6/21/15	P-261/P-262/P-272	Intersection	INT	6/21/15	10:35 AM	2x5	P	JC	121	06/22/15	EM	GA	P	
D793	6/21/15	P-276/P-280	8' E of W EOS	WR	6/21/15	11:43 AM	2x2	P	JC	121	06/22/15	EM	GA	P	
D794	6/21/15	P-276/P-277	4' E of W EOS	WR	6/21/15	11:40 AM	2x2	P	JC	121	06/22/15	EM	GA	P	
D795	6/21/15	P-276/P-277/P-280	Intersection	INT	6/21/15	11:40 AM	2x2	P	JC	121	06/22/15	EM	GA	P	
D796	6/21/15	P-275/P-277	62' E of W EOS	WR	6/21/15	4:20 PM	3x5	P	JC	121	06/22/15	EM	GA	P	
D797	6/21/15	P-277/P-278/P-280	Intersection	INT	6/21/15	4:21 PM	2x3	P	RR	001	06/22/15	EM	GA	P	
D798	6/21/15	P-278/P-279/P-280	Intersection	INT	6/21/15	4:47 PM	2x3	P	JC	121	06/21/15	EM	AF	P	
D799	6/21/15	P-280/P-281	DF-99	DF	6/21/15	4:50 PM	2x4	P	JC	121	06/22/15	EM	GA	P	
D800	6/21/15	P-281/P-282	DF-100	DF	6/21/15	4:28 PM	2x4	P	RR	001	06/21/15	EM	AF	P	
D801	6/21/15	P-273/P-274	98' E of W EOS	PT	6/21/15	3:05 PM	2x3	P	JC	121	06/21/15	EM	AF	P	
D802	6/21/15	P-273/P-274	128' E of W EOS	PT	6/21/15	3:00 PM	2x3	P	JC	121	06/21/15	EM	AF	P	
D803	6/21/15	P-284/P-285	DF-101	DF	6/21/15	5:20 PM	2x4	P	RR	001	06/22/15	EM	GA	P	
D804	6/21/15	P-275/P-277	8' E of W EOS	PT	6/21/15	3:58 PM	2x6	P	JC	121	06/21/15	EM	AF	P	
D805	6/21/15	P-275/P-277	28' E of W EOS	PT	6/21/15	3:41 PM	2x2	P	JC	121	06/22/15	EM	GA	P	
D806	6/21/15	P-275/P-277	38' E of W EOS	PT	6/21/15	3:41 PM	2x2	P	JC	121	06/22/15	EM	GA	P	
D807	6/21/15	P-275/P-277	48' E of W EOS	PT	6/21/15	3:41 PM	2x7	P	JC	121	06/22/15	EM	GA	P	
D808	6/21/15	P-276/P-277	5' S of N EOS	FS	6/21/15	11:40 AM	2x5	C	JC	121	06/22/15	EM	GA	P	
D809	6/21/15	P-275/P-276	62' E of W EOS	PT	6/21/15	4:40 PM	2x6	P	JC	121	06/22/15	EM	GA	P	
D810	6/21/15	P-275/P-276	79' E of W EOS	PT	6/21/15	4:40 PM	2x6	P	JC	121	06/22/15	EM	GA	P	
D811	6/21/15	P-282/P-283	4' E of W EOS	PT	6/21/15	3:58 PM	2x6	P	RR	001	06/21/15	EM	AF	P	
D812	6/21/15	P-288/P-290	DF-102	DF	6/21/15	5:04 PM	2x3	P	RR	001	06/21/15	EM	AF	P	
D813	6/21/15	P-282/P-283	175' E of W EOS	PT	6/21/15	5:12 PM	2x3	P	JC	121	06/22/15	EM	GA	P	
D814	6/21/15	P-283/P-284/P-285	Intersection	INT	6/21/15	3:15 PM	2x2	P	RR	001	06/22/15	EM	GA	P	
D815	6/21/15	P-283/P-284/P-285	Intersection	INT	6/21/15	5:16 PM	2x3	P	RR	001	06/22/15	EM	GA	P	
D816	6/21/15	P-283/P-285	149' E of W EOS	FS	6/21/15	5:16 PM	2x7	P	RR	001	06/22/15	EM	GA	P	
D817	6/21/15	P-283/P-285	144' E of W EOS	PT	6/21/15	5:16 PM	2x3	P	RR	001	06/22/15	EM	GA	P	
D818	6/21/15	P-285/P-288/P-289	Intersection	INT	6/21/15	5:12 PM	2x3	P	JC	121	06/21/15	EM	AF	P	
D819	6/21/15	P-288/P-289/P-290	Intersection	INT	6/21/15	4:46 PM	2x3	P	RR	001	06/21/15	EM	AF	P	
D820	6/21/15	P-285/P-287/P-288	Intersection	INT	6/21/15	4:58 PM	2x3	P	RR	001	06/21/15	EM	AF	P	
D821	6/21/15	P-287/P-288/P-290	Intersection	INT	6/21/15	5:02 PM	2x3	P	RR	001	06/21/15	EM	AF	P	
D822	6/21/15	P-285/P-286/P-287	Intersection	INT	6/21/15	5:14 PM	2x2	P	JC	121	06/22/15	EM	GA	P	
D823	6/21/15	P-286/P-287/P-290	Intersection	INT	6/21/15	5:23 PM	2x2	P	JC	121	06/22/15	EM	GA	P	
D824	6/21/15	P-286	4' E of W EOS & 17' N	PU	6/21/15	4:03 PM	2x2	P	RR	001	06/21/15	EM	AF	P	
D825	6/21/15	P-285/P-286	67' E of W EOS	PT	6/21/15	5:25 PM	2x2	P	JC	121	06/22/15	EM	GA	P	
D826	6/21/15	P-285/P-286	74' E of W EOS	BO	6/21/15	5:25 PM	2x2	P	JC	121	06/22/15	EM	GA	P	
D827	6/21/15	P-285/P-286	63' E of W EOS	FS	6/21/15	5:25 PM	2x7	P	JC	121	06/22/15	EM	GA	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D828	6/21/15	P-282/P-283	173' E of W EOS	FS	6/21/15	5:12 PM	2x7	P	JC	121	06/22/15	EM	GA	P	
D829	6/21/15	P-261*/P-272	DX-20	DX	6/22/15	8:31 AM	2x6	P	JC	121	06/22/15	RR	PO	P	
D830	6/22/15	P-262*/P-272/P-273	Intersection	INT	6/22/15	8:07 AM	2x5	P	JC	121	06/22/15	RR	PO	P	
D831	6/22/15	P-262*/P-263*/P-273	Intersection	INT	6/22/15	8:12 AM	2x5	P	JC	121	06/22/15	RR	PO	P	
D832	6/22/15	P-263*/P-273/P-274	Intersection	INT	6/22/15	8:35 AM	2x2	P	JC	121	06/22/15	RR	PO	P	
D833	6/22/15	P-263*/P-264*/P-274	Intersection	INT	6/22/15	8:48 AM	2x5	P	JC	121	06/22/15	RR	PO	P	
D834	6/22/15	P-264*/P-274/P-275	Intersection	INT	6/22/15	8:49 AM	2x5	P	JC	121	06/22/15	RR	PO	P	
D835	6/22/15	P-265*/P-275/P-276	Intersection	INT	6/22/15	8:58 AM	2x5	P	JC	121	06/22/15	RR	PO	P	
D836	6/22/15	P-264*/P-265*/P-275	Intersection	INT	6/22/15	8:59 AM	2x5	P	JC	121	06/22/15	RR	PO	P	
D837	6/22/15	P-265*/P-266*/P-276	Intersection	INT	6/22/15	9:15 AM	2x5	P	JC	121	06/22/15	RR	PO	P	
D838	6/22/15	P-266*/P-276/P-280	Intersection	INT	6/22/15	9:19 AM	2x5	P	JC	121	06/22/15	RR	PO	P	
D839	6/22/15	P-266*/P-280/P-285*	Intersection	INT	6/22/15	9:24 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D840	6/22/15	P-280/P-281/P-285*	Intersection	INT	6/22/15	9:30 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D841	6/22/15	P-281/P-285*/P-286*	Intersection	INT	6/22/15	9:40 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D842	6/22/15	P-281/P-282/P-286*	Intersection	INT	6/22/15	9:42 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D843	6/22/15	P-282/P-286*/P-287*	Intersection	INT	6/22/15	9:56 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D844	6/22/15	P-282/P-283/P-287*	Intersection	INT	6/22/15	10:06 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D845	6/22/15	P-283/P-287*/P-288*	Intersection	INT	6/22/15	10:08 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D846	6/22/15	P-283/P-284/P-288*	Intersection	INT	6/22/15	10:15 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D847	6/22/15	P-284/P-288*/P-289*	Intersection	INT	6/22/15	10:17 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D848	6/22/15	P-284/P-285/P-289*	Intersection	INT	6/22/15	10:18 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D849	6/22/15	P-285/P-286/P-289*/P-290*/P-292*	Intersection	INT	6/22/15	10:25 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D850	6/22/15	P-286/P-290/P-292*/P-293*	Intersection	INT	6/22/15	10:38 AM	2x5	P	JC	121	06/22/15	JR	PO	P	
D851	6/22/15	P-281/P-282	13' W of E EOS	DO	6/22/15	9:40 AM	2x2	P	JC	121	06/22/15	JR	PO	P	
D852	6/22/15	P-290/P-291	Anchor Trench	WR	6/22/15	5:31 PM	3x5	P	JC	121	06/24/15	EM	MT	P	
D853	6/22/15	P-290/P-294	44' W of E EOS	WR	6/23/15	12:02 PM	3x4	P	JC	121	06/24/15	EM	MT	P	
D854	6/22/15	P-290/P-293/P-294	Intersection	INT	6/22/15	6:33 PM	2x3	P	AR	001	06/24/15	EM	MT	P	
D855	6/22/15	P-290/P-293	73' E of W EOS	WR	6/23/15	11:50 AM	2x4	P	JC	121	06/24/15	EM	MT	P	
D856	6/22/15	P-290/P-292/P-293	Intersection	INT	6/22/15	6:18 PM	2x3	P	JC	121	06/24/15	EM	MT	P	
D857	6/22/15	P-290/P-291/P-292	Intersection	INT	6/22/15	5:45 PM	2x4	P	JC	121	06/24/15	EM	MT	P	
D858	6/22/15	P-290/P-292	10' E of W EOS	WR	6/22/15	6:05 PM	3x4	P	JC	121	06/24/15	EM	MT	P	
D859	6/22/15	P-290/P-294	DF-103	DF	6/22/15	6:33 PM	2x4	P	AR	001	06/24/15	EM	MT	P	
D860	6/22/15	P-291/P-295/P-297	Anchor Trench	PT	6/22/15	5:25 PM	2x5	P	JC	121	06/24/15	EM	MT	P	
D861	6/22/15	P-291/P-292/P-295	Intersection	INT	6/22/15	5:49 PM	2x3	P	JC	121	06/24/15	EM	MT	P	
D862	6/22/15	P-292/P-293/P-295	Intersection	INT	6/22/15	6:22 PM	2x4	P	JC	121	06/24/15	EM	MT	P	
D863	6/22/15	P-293/P-294/P-295	Intersection	INT	6/23/15	9:48 AM	2x4	P	JC	121	06/24/15	EM	MT	P	
D864	6/22/15	P-290/P-293*	DX-21	DX	6/23/15	10:05 AM	2x6	P	JC	121	06/24/15	EM	BM	P	
D865	6/22/15	P-295/P-296	DF-104	DF	6/23/15	9:45 AM	2x4	P	JC	121	06/24/15	EM	PO	P	
D866	6/22/15	P-295/P-296/P-297	Intersection	INT	6/22/15	6:28 PM	3x4	P	JC	121	06/24/15	EM	PO	P	
D867	6/22/15	P-295/P-297	DF-105	DF	6/22/15	6:10 PM	3x4	P	JC	121	06/24/15	EM	MT	P	
D868	6/22/15	P-295	4' W of E EOS & 6' N	DO	6/23/15	10:50 AM	2x2	P	JC	121	06/24/15	EM	BM	P	
D869	6/23/15	P-290/P-293*/P-294/P-294*	Intersection	INT	6/23/15	10:27 AM	2x3	P	JC	121	06/24/15	EM	BM	P	
D870	6/23/15	P-294*/P-295*/P-295/P-296	Intersection	INT	6/23/15	10:41 AM	3x6	P	JC	121	06/24/15	EM	BM	P	
D871	6/23/15	P-295/P-295*/P-296/P-377*	Intersection	INT	6/23/15	11:00 AM	2x5	P	JC	121	06/24/15	EM	BM	P	
D872	6/23/15	P-296/P-297/P-377*/P-378*	Intersection	INT	6/23/15	11:08 AM	2x5	P	JC	121	06/24/15	EM	BM	P	
D873	6/23/15	P-297/P-298/P-378*/P-381*	Intersection	INT	6/23/15	11:20 AM	2x5	P	JC	121	06/24/15	EM	BM	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D874	6/23/15	P-268/P-299	DF-106	DF	6/23/15	3:40 PM	2x4	P	JC	121	06/23/15	GH	AF	P	
D875	6/23/15	P-268/P-299/P-305	Intersection	INT	6/23/15	3:40 PM	2x5	P	JC	121	06/23/15	GH	AF	P	
D876	6/23/15	P-268/P-299/P-300	Intersection	INT	6/23/15	3:50 PM	3x5	P	JC	121	06/23/15	GH	AF	P	
D877	6/23/15	P-268/P-300/P-301	Intersection	INT	6/23/15	3:56 PM	3x4	P	JC	121	06/23/15	GH	AF	P	
D878	6/23/15	P-301/P-302	7' E of W EOS	PT	Covered by D894										
D879	6/23/15	P-268/P-301/P-302	Intersection	INT	Covered by D894										
D880	6/26/15	P-325/P-326	Anchor Trench	PT	6/26/15	8:30 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D881	6/26/15	P-327/P-328	Anchor Trench	PT	6/26/15	3:01 PM	2x5	P	RA	001	06/27/15	EM	GA	P	
D882	6/26/15	P-322/P-323	Anchor Trench	PT	6/26/15	11:50 AM	2x3	P	JC	121	06/27/15	EM	PO	P	
D883	6/26/15	P-321/P-322	Anchor Trench	PT	6/26/15	11:40 AM	2x3	P	JC	121	06/27/15	EM	PO	P	
D884	6/26/15	P-314/P-397*	DX-24	DX	6/27/15	11:40 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D885	6/26/15	P-327/P-329/P-330	Intersection	INT	6/27/15	9:40 AM	2x4	P	RA	001	06/27/15	EM	GA	P	
D886	6/26/15	P-323/P-325	95' E of W EOS	PT	Covered by D888										
D887	6/26/15	P-323/P-325	105' E of W EOS	PT	Covered by D888										
D888	6/26/15	P-323/P-325	120' E of W EOS	FS	6/27/15	11:10 AM	2x15	P	JC	121	06/27/15	EM	GA	P	Covers D886, D887
D889	6/26/15	P-337/P-338	DF-121	DF	6/26/15	1:32 PM	2x5	P	JC	121	06/27/15	EM	GA	P	
D890	6/23/15	P-268/P-302/P-304	Intersection	INT	6/23/15	4:50 PM	2x4	P	JC	121	06/23/15	GH	AF	P	
D891	6/23/15	P-268/P-304	12' W of E EOS	PT	6/23/15	4:55 PM	2x3	P	JC	121	06/23/15	GH	AF	P	
D892	6/23/15	P-268/P-304	3' E of W EOS	FS	6/23/15	4:58 PM	2x6	C	JC	121	06/24/15	EM	MT	P	
D893	6/23/15	P-268/P-304	10' E of W EOS	WR	6/23/15	5:02 PM	2x3	P	JC	121	06/24/15	EM	MT	P	
D894	6/23/15	P-301/P-302	7' E of W EOS	FS	6/23/15	4:40 PM	2x10	C	JC	121	06/23/15	GH	AF	P	Covers D878, D879
D895	6/23/15	P-301/P-302	99' W of E EOS	PT	6/23/15	4:04 PM	2x4	P	JC	121	06/23/15	GH	AF	P	
D896	6/23/15	P-301/P-302	76' W of E EOS	PT	6/23/15	4:08 PM	2x6	P	JC	121	06/23/15	GH	AF	P	
D897	6/23/15	P-302/P-303/P-304	Intersection	INT	6/23/15	4:22 PM	2x3	P	JC	121	06/23/15	GH	AF	P	
D898	6/23/15	P-182/P-303	4' N of S EOS	IO	6/23/15	4:20 PM	2x7	C	JC	121	06/24/15	EM	MT	P	
D899	6/23/15	P-171/P-268/P-305	Intersection	INT	6/23/15	3:32 PM	2x3	P	JC	121	06/23/15	GH	AF	P	
D900	6/23/15	P-171/P-172/P-299/P-305	Intersection	INT	6/23/15	3:30 PM	2x3	P	JC	121	06/23/15	GH	AF	P	
D901	6/23/15	P-172/P-176/P-299/P-300	Intersection	INT	6/23/15	2:25 PM	2x5	P	JC	121	06/23/15	GH	AF	P	
D902	6/23/15	P-176/P-177/P-300/P-301	Intersection	INT	6/23/15	2:40 PM	2x5	P	JC	121	06/24/15	EM	MT	P	
D903	6/23/15	P-301/P-302	5' W of E EOS	BO	6/23/15	3:08 PM	2x2	P	JC	121	06/23/15	GH	AF	P	
D904	6/23/15	P-177/P-181/P-301/P-302	Intersection	INT	6/23/15	3:02 PM	2x6	P	JC	121	06/24/15	EM	MT	P	
D905	6/23/15	P-181/P-182/P-302/P-303	Intersection	INT	6/23/15	3:11 PM	2x5	P	JC	121	06/23/15	GH	AF	P	
D906	6/23/15	P-182/P-303	DX-22	DX	6/23/15	4:26 PM	2x4	P	JC	121	06/24/15	EM	MT	P	
D907	6/23/15	P-268/P-305	DF-107	DF	6/24/15	8:03 AM	2x4	P	JC	121	06/24/15	EM	BM	P	
D908	6/24/15	P-297/P-298	Anchor Trench	PT	6/24/15	1:03 PM	2x2	P	JC	121	06/24/15	EM	MT	P	
D909	6/24/15	P-298/P-306	Anchor Trench	PT	6/24/15	1:00 PM	2x5	P	JC	121	06/25/15	EM	PO	P	
D910	6/24/15	P-306/P-307	DF-108	DF	6/24/15	11:25 AM	2x4	P	JC	121	06/25/15	EM	PO	P	
D911	6/24/15	P-307/P-308	DF-109	DF	6/25/15	11:00 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D912	6/24/15	P-308/P-309	177' E of W EOS	WR	6/25/15	11:20 AM	2x3	P	JC	121	06/27/15	EM	GA	P	
D913	6/24/15	P-308/P-309	185' E of W EOS	WR	6/25/15	11:13 AM	2x3	P	JC	121	06/27/15	EM	GA	P	
D914	6/24/15	P-310/P-311	DF-110	DF	6/24/15	1:30 PM	2x5	P	JC	121	06/27/15	EM	GA	P	
D915	6/24/15	P-311/P-312	DF-111	DF	6/24/15	2:15 PM	2x5	P	JC	121	06/25/15	EM	PO	P	
D916	6/24/15	P-311/P-312	145' E of W EOS	IO	6/24/15	2:45 PM	2x6	P	JC	121	06/25/15	EM	PO	P	
D917	6/24/15	P-312/P-313	DF-112	DF	6/25/15	1:24 PM	2x6	P	JC	121	06/27/15	EM	TB	P	
D918	6/24/15	P-313/P-314	DF-113	DF	6/26/15	11:20 AM	2x4	P	JC	121	06/27/15	EM	TB	P	
D919	6/24/15	P-313/P-314	280' E of W EOS	PT	6/25/15	1:25 PM	2x2	P	JC	121	06/27/15	EM	PO	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D920	6/24/15	P-314/P-315	57' E of W EOS	BO	6/26/15	9:00 AM	2x7	P	JC	121	06/27/15	EM	PO	P	
D921	6/24/15	P-313/P-314	39' E of W EOS	BO	6/26/15	9:17 AM	2x2	P	JC	121	06/27/15	EM	PO	P	
D922	6/24/15	P-314/P-315	42' W of E EOS	BO	6/27/15	1:35 PM	2x6	P	JC	121	06/27/15	EM	PO	P	
D923	6/24/15	P-315/P-316/P-317	Intersection	INT	6/25/15	2:33 PM	2x6	P	JC	121	06/27/15	EM	GA	P	
D924	6/24/15	P-315/P-317	DF-114	DF	6/27/15	11:45 AM	2x4	P	JC	121	06/27/15	EM	PO	P	
D925	6/24/15	P-317/P-318	DF-115	DF	6/26/15	10:10 AM	2x4	P	JC	121	06/27/15	EM	PO	P	
D926	6/24/15	P-318/P-319	95' E of W EOS	BO	6/26/15	9:55 AM	2x6	P	JC	121	06/27/15	EM	PO	P	
D927	6/24/15	P-317/P-318/P-319	Intersection	INT	6/26/15	8:40 AM	2x6	P	JC	121	06/27/15	EM	GA	P	
D928	6/24/15	P-298/P-306/P-381*	Intersection	INT	6/24/15	3:07 PM	2x5	P	JC	121	06/27/15	EM	GA	P	
D929	6/25/15	P-306/P-381*/P-383*	Intersection	INT	6/24/15	3:09 PM	2x5	P	JC	121	06/27/15	EM	GA	P	
D930	6/25/15	P-306/P-307/P-383*/P-385*	Intersection	INT	6/24/15	3:20 PM	2x5	P	JC	121	06/27/15	EM	GA	P	
D931	6/25/15	P-307/P-308/P-385*/P-387*	Intersection	INT	6/24/15	3:32 PM	2x5	P	JC	121	06/27/15	EM	GA	P	
D932	6/25/15	P-308/P-309/P-387*	Intersection	INT	6/24/15	3:50 PM	2x5	P	JC	121	06/27/15	EM	GA	P	
D933	6/25/15	P-309/P-387*/P-389*	Intersection	INT	6/24/15	3:52 PM	2x5	P	JC	121	06/27/15	EM	GA	P	
D934	6/25/15	P-308/P-387*	DX-23	DX	6/25/15	10:15 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D935	6/25/15	P-308	4' W of E EOS & 3' S	DO	6/25/15	10:20 AM	2x2	P	JC	121	06/27/15	EM	GA	P	
D936	6/25/15	P-309/P-310/P-389*	Intersection	INT	6/25/15	8:32 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D937	6/25/15	P-310/P-389*/P-391*	Intersection	INT	6/25/15	8:33 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D938	6/25/15	P-310/P-311/P-391*	Intersection	INT	6/25/15	8:44 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D939	6/25/15	P-311/P-391*/P-392*	Intersection	INT	6/25/15	8:45 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D940	6/25/15	P-311/P-312/P-392*	Intersection	INT	6/25/15	10:27 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D941	6/25/15	P-312/P-392*/P-395*	Intersection	INT	6/25/15	8:56 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D942	6/25/15	P-312/P-313/P-395*	Intersection	INT	6/25/15	9:06 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D943	6/25/15	P-313/P-395*/P-396*	Intersection	INT	6/25/15	9:07 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D944	6/25/15	P-313/P-314/P-396*	Intersection	INT	6/25/15	10:42 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D945	6/25/15	P-314/P-396*/P-397*	Intersection	INT	6/25/15	10:45 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D946	6/25/15	P-319/P-320/P-321	Intersection	INT	6/26/15	10:25 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D947	6/25/15	P-320/P-321	Anchor Trench	PT	6/26/15	11:30 AM	2x5	P	JC	121	06/27/15	EM	PO	P	
D948	6/25/15	P-319/P-321	DF-116	DF	6/26/15	11:30 AM	2x6	P	JC	121	06/27/15	EM	PO	P	
D949	6/25/15	P-321/P-322/P-323	Intersection	INT	6/26/15	11:05 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D950	6/25/15	P-321/P-323	68' E of W EOS	W	6/27/15	2:50 PM	2x4	P	JC	121	06/27/15	EM	PO	P	
D951	6/25/15	P-321/P-323	DF-117	DF	6/26/15	11:05 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D952	6/25/15	P-323/P-325	DF-118	DF	6/27/15	9:40 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D953	6/25/15	P-323/P-324/P-325	Intersection	INT	6/27/15	10:35 AM	3x3	P	JC	121	06/27/15	EM	GA	P	
D954	6/25/15	P-325/P-326/P-327	Intersection	INT	6/27/15	10:15 AM	2x6	P	JC	121	06/27/15	EM	GA	P	
D955	6/25/15	P-325/P-327	105' E of W EOS	BO	6/27/15	11:15 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D956	6/25/15	P-326/P-327	6' E of W EOS	PT	6/26/15	2:01 PM	2x4	P	JC	121	06/27/15	EM	GA	P	
D957	6/25/15	P-326/P-327	99' E of W EOS	BO	6/27/15	9:50 AM	2x7	P	JC	121	06/27/15	EM	GA	P	
D958	6/26/15	P-327/P-329	DF-119	DF	6/27/15	11:20 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D959	6/26/15	P-329/P-332	DF-120	DF	6/27/15	11:59 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D960	6/26/15	P-328/P-338/P-339	Intersection	INT	6/26/15	1:17 PM	2x3	P	JC	121	06/27/15	EM	GA	P	
D961	6/26/15	P-328/P-339	Anchor Trench	PT	6/26/15	1:05 PM	2x2	P	JC	121	06/27/15	EM	GA	P	
D962	6/26/15	P-328/P-337/P-338	Intersection	INT	6/26/15	1:30 PM	2x3	P	JC	121	06/27/15	EM	GA	P	
D963	6/26/15	P-328/P-336/P-337	Intersection	INT	6/26/15	1:32 PM	2x3	P	JC	121	06/27/15	EM	GA	P	
D964	6/26/15	P-335/P-336/P-337	Intersection	INT	6/26/15	1:43 PM	2x3	P	JC	121	06/27/15	EM	GA	P	
D965	6/26/15	P-328/P-335/P-336	Intersection	INT	6/26/15	1:50 PM	2x3	P	JC	121	06/27/15	EM	GA	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D966	6/26/15	P-328/P-334/P-335	Intersection	INT	6/26/15	1:56 PM	2x3	P	JC	121	06/27/15	EM	GA	P	
D967	6/26/15	P-333/P-334/P-335	Intersection	INT	6/26/15	2:00 PM	2x2	P	JC	121	06/27/15	EM	GA	P	
D968	6/26/15	P-327/P-328/P-334	Intersection	INT	6/26/15	2:05 PM	2x6	P	JC	121	06/27/15	EM	GA	P	
D969	6/26/15	P-327/P-333/P-334	Intersection	INT	6/26/15	2:15 PM	2x3	P	JC	121	06/27/15	EM	GA	P	
D970	6/26/15	P-329/P-340	DF-122	DF	6/27/15	10:42 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D971	6/26/15	P-331/P-332/P-333	Intersection	INT	6/27/15	10:26 AM	2x4	P	JC	121	06/27/15	EM	GA	P	
D972	6/26/15	P-327/P-330/P-331/P-333	Intersection	INT	6/27/15	10:20 AM	2x7	P	JC	121	06/27/15	EM	GA	P	
D973	6/26/15	P-329/P-331/P-332	Intersection	INT	6/27/15	10:35 AM	2x3	P	JC	121	06/27/15	EM	GA	P	
D974	6/26/15	P-329/P-330/P-331	Intersection	INT	6/27/15	10:49 AM	3x4	P	JC	121	06/27/15	EM	GA	P	
D975	6/26/15	P-328/P-336	12' E of W EOS	PT	6/26/15	1:40 PM	2x2	P	JC	121	06/27/15	EM	GA	P	
D976	6/26/15	P-327/P-329/P-340	Intersection	INT	6/27/15	11:35 AM	2x2	P	JC	121	06/27/15	EM	GA	P	
D977	6/26/15	P-327/P-340/P-341	Intersection	INT	6/27/15	11:55 AM	2x3	P	JC	121	06/27/15	EM	GA	P	
D978	6/26/15	P-340/P-341/P-342	Intersection	INT	6/27/15	9:25 AM	2x3	P	JC	121	06/27/15	EM	GA	P	
D979	6/26/15	P-343/P-344	179' S of N EOS	WR	6/27/15	1:45 PM	3x4	P	JC	121	06/27/15	EM	PO	P	
D980	6/26/15	P-329/P-340	24' N of S EOS	PT	Covered by D990										
D981	6/27/15	P-332/P-333	Anchor Trench	PT	6/27/15	10:15 AM	3x4	P	RA	001	06/27/15	EM	GA	P	
D982	6/27/15	P-342/P-343	Anchor Trench	PT	6/27/15	10:24 AM	2x5	P	RA	001	06/27/15	EM	GA	P	
D983	6/27/15	P-342/P-402*/P-428*	Intersection	INT	6/27/15	8:23 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D984	6/27/15	P-342/P-343/P-428*	Intersection	INT	6/27/15	2:35 PM	2x2	P	JC	121	06/27/15	EM	PO	P	
D985	6/27/15	P-343/P-427*/P-428*	Intersection	INT	6/27/15	8:27 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D986	6/27/15	P-343/P-344*/P-427*	Intersection	INT	6/27/15	2:15 PM	2x3	P	JC	121	06/27/15	EM	GA	P	
D987	6/27/15	P-344/P-426*/P-427*	Intersection	INT	6/27/15	9:37 AM	2x5	P	JC	121	06/27/15	EM	GA	P	
D988	6/27/15	P-344/P-345/P-426*	Intersection	INT	6/27/15	2:03 PM	2x2	P	JC	121	06/27/15	EM	GA	P	
D989	6/27/15	P-329/P-340	28' N of S EOS	PT	Covered by D990										
D990	6/27/15	P-329/P-340	24' N of S EOS	FS	7/1/15	12:45 PM	2x8	P	JC	121	07/01/15	EM	PO	P	
D991	6/27/15	P-330	17' S of N EOS & 4' E	W	6/27/15	10:10 AM	2x17	P	JC	121	06/27/15	EM	GA	P	
D992	6/27/15	P-329/P-330	Intersection	INT	6/27/15	10:03 AM	2x5	P	JC	121	06/27/15	EM	PO	P	
D993	6/27/15	P-329	14' E of W EOS & 5' N	W	6/27/15	9:53 AM	2x27	P	JC	121	06/27/15	EM	PO	P	
D994	6/27/15	P-340	2' E of W EOS & 10' Long	W	6/27/15	10:00 AM	2x10	P	JC	121	06/27/15	EM	PO	P	
D995	6/27/15	P-314/P-315/P-317/P-319/ P-321/P-323/P-325/P-327/ P-329/P-341/P-342/P-397/ P-402	Intersection	INT	6/27/15	12:03 PM	4x10	P	JC	121	06/27/15	EM	PO	P	
D996	6/27/15	P-344/P-426*	DX-25	DX	6/27/15	2:20 PM	2x4	P	JC	121	06/27/15	EM	PO	P	
D997	6/27/15	P-268/P-347	DF-123	DF	6/28/15	11:10 AM	2x4	P	JC	121	06/29/15	EM	PO	P	
D998	6/27/15	P-347/P-348	DF-124	DF	6/28/15	11:00 AM	2x4	P	JC	121	06/29/15	EM	PO	P	
D999	6/27/15	P-303/P-304/P-346	Intersection	INT	6/28/15	1:25 PM	2x3	P	JC	121	06/29/15	EM	PO	P	
D1000	6/27/15	P-268/P-304/P-346	Intersection	INT	6/28/15	10:52 AM	2x5	P	JC	121	06/29/15	EM	PO	P	
D1001	6/27/15	P-268/P-346	15' W of E EOS	FS	6/27/15	2:30 PM	3x15	P	JC	121	06/29/15	EM	PO	P	Covers D1003, D1004
D1002	6/27/15	P-348/P-349	DF-125	DF	6/28/15	9:35 AM	2x6	P	JC	121	06/29/15	EM	PO	P	Covers D1010
D1003	6/27/15	P-268/P-346/P-347	Intersection	INT	Covered by D1001										
D1004	6/27/15	P-268/P-346	10' W of E EOS	PT	Covered by D1001										
D1005	6/28/15	P-353/P-354	DF-126	DF	6/28/15	11:40 AM	2x5	P	JC	121	06/29/15	EM	PO	P	
D1006	6/28/15	P-182/P-270/P-305/P-346	Intersection	INT	6/28/15	8:45 AM	2x5	P	JC	121	06/29/15	EM	PO	P	
D1007	6/28/15	P-351/P-352	DF-127	DF	6/29/15	11:15 AM	2x5	P	JC	121					
D1008	6/28/15	P-270/P-271/P-346/P-347	Intersection	INT	6/29/15	9:05 AM	2x5	P	JC	121	06/29/15	EM	PO	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D1009	6/28/15	P-271/P-272/P-347/P-348	Intersection	INT	6/28/15	9:25 AM	2x5	P	JC	121	06/29/15	EM	PO	P	
D1010	6/28/15	P-272/P-273/P-348/P-349	Intersection	INT	Covered by D1002										
D1011	6/28/15	P-273/P-274/P-349/P-350	Intersection	INT	6/28/15	1:30 PM	2x5	P	JC	121	06/29/15	EM	PO	P	
D1012	6/28/15	P-274/P-275/P-350/P-351	Intersection	INT	6/29/15	7:55 AM	2x5	P	JC	121	06/29/15	EM	PO	P	
D1013	6/28/15	P-275/P-279/P-351/P-352	Intersection	INT	Covered by D1007										
D1014	6/28/15	P-279/P-280/P-352/P-354	Intersection	INT	6/28/15	11:45 AM	2x5	P	JC	121	06/29/15	EM	GA	P	
D1015	6/28/15	P-349/P-350	Anchor Trench	PT	6/28/15	11:20 AM	2x3	P	JC	121	06/29/15	EM	PO	P	
D1016	6/28/15	P-355/P-357	DF-128	DF	6/29/15	12:15 PM	2x4	P	JC	121	06/29/15	EM	GA	P	Covers D1024
D1017	6/28/15	P-351/P-352/P-353	Intersection	INT	6/28/15	11:45 AM	2x3	P	JC	121	06/29/15	EM	PO	P	
D1018	6/28/15	P-352/P-353/P-354	Intersection	INT	6/28/15	11:50 AM	2x3	P	JC	121	06/29/15	EM	PO	P	
D1019	6/28/15	P-354/P-355/P-356	Intersection	INT	6/28/15	11:55 AM	2x3	P	JC	121	06/29/15	EM	PO	P	
D1020	6/28/15	P-355/P-356/P-357	Intersection	INT	6/28/15	12:00 PM	2x3	P	JC	121	06/29/15	EM	PO	P	
D1021	6/28/15	P-357/P-358/P-359	Intersection	INT	6/28/15	9:30 AM	2x6	P	JC	121	06/29/15	EM	GA	P	
D1022	6/28/15	P-359/P-360	DF-129	DF	6/29/15	10:35 AM	2x6	P	JC	121	06/30/15	EM	JR	P	
D1023	6/28/15	P-280/P-281/P-354/P-355	Intersection	INT	6/29/15	12:00 PM	2x6	P	JC	121	06/29/15	EM	GA	P	
D1024	6/28/15	P-281/P-282/P-355/P-357	Intersection	INT	Covered by D1016										
D1025	6/28/15	P-360/P-361	DF-130	DF	6/29/15	11:30 AM	2x4	P	JC	121	06/30/15	EM	JR	P	
D1026	6/29/15	P-182/P-283/P-285/P-285/ P-357/P358	Intersection	INT	6/29/15	12:20 PM	2x5	P	JC	121	06/29/15	EM	GA	P	
D1027	6/29/15	P-285/P-358/P-359	Intersection	INT	6/29/15	12:36 PM	2x5	P	JC	121	06/29/15	EM	GA	P	
D1028	6/29/15	P-285/P-289/P-359	Intersection	INT	6/29/15	12:30 PM	2x5	P	JC	121	06/29/15	EM	GA	P	
D1029	6/29/15	P-289/P-359/P-360	Intersection	INT	6/29/15	12:34 PM	2x5	P	JC	121	06/29/15	EM	GA	P	
D1030	6/29/15	P-289/P-290/P-360	Intersection	INT	6/29/15	12:36 PM	2x5	P	JC	121	06/29/15	EM	GA	P	
D1031	6/29/15	P-290/P-360/P-361	Intersection	INT	Covered by D1025										
D1032	6/29/15	P-290/P-291/P-361	Intersection	INT	6/30/15	8:37 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1033	6/29/15	P-329/P-330/P-330*	Intersection	INT	6/27/15	10:00 AM	2x5	P	JC	121	06/27/15	EM	PO	P	
D1034	6/29/15	P-329*/P-329/P-340	Intersection	INT	6/27/15	10:12 AM	2x5	P	JC	121	06/27/15	EM	PO	P	
D1035	6/29/15	P-329*/P-340*/P-340	Intersection	INT	6/27/15	10:15 AM	2x5	P	JC	121	06/27/15	EM	PO	P	
D1036	6/29/15	P-274/P-350	DX-26	DX	6/29/15	11:25 AM	2x4	P	JC	121	06/29/15	EM	GA	P	
D1037	6/29/15	P-358	66' E of W EOS & 6' N	DO	6/29/15	9:45 AM	2x3	P	JC	121	06/29/15	EM	GA	P	
D1038	6/29/15	P-359/P-360/P-361	Intersection	INT	6/29/15	9:32 AM	2x6	P	JC	121	06/29/15	EM	GA	P	
D1039	6/29/15	P-361/P-362/P-363	Intersection	INT	6/29/15	2:20 PM	2x4	P	RA	121	06/29/15	EM	GA	P	
D1040	6/29/15	P-362/P-363/P-364	Intersection	INT	6/29/15	2:25 PM	2x4	P	RA	121	06/29/15	EM	GA	P	
D1041	6/29/15	P-364/P-365/P-366	Intersection	INT	6/29/15	2:30 PM	2x3	P	RA	121	06/29/15	EM	GA	P	
D1042	6/29/15	P-365/P-366/P-367	Intersection	INT	6/29/15	2:40 PM	2x3	P	RA	121	06/29/15	EM	GA	P	
D1043	6/29/15	P-364/P-365	DF-131	DF	6/29/15	9:38 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1044	6/29/15	P-366/P-367	66' E of W EOS	WR	6/29/15	1:59 PM	2x3	P	RA	121	06/29/15	EM	GA	P	
D1045	6/29/15	P-361/P-363	Anchor Trench	WR	6/29/15	1:29 PM	2x5	P	RA	121	06/29/15	EM	GA	P	
D1046	6/29/15	P-365/P-367	DF-132	DF	6/29/15	2:00 PM	2x5	P	RA	121	06/30/15	EM	JR	P	
D1047	6/29/15	P-362/P-364	100' E of W EOS	PT	6/29/15	1:40 PM	2x4	P	RA	121	06/30/15	EM	JR	P	
D1048	6/29/15	P-371/P-373	DF-133	DF	6/29/15	4:40 PM	2x7	P	RA	121	06/30/15	EM	JR	P	
D1049	6/29/15	P-370/P-372	83' E of W EOS	PT	6/29/15	3:02 PM	3x4	P	RA	121	06/29/15	EM	GA	P	
D1050	6/29/15	P-370/P-371/P-372	Intersection	INT	6/29/15	3:05 PM	2x3	P	RA	121	06/30/15	EM	JR	P	
D1051	6/29/15	P-367/P-368/P-369	Intersection	INT	6/29/15	3:01 PM	2x3	P	RA	121	06/29/15	EM	GA	P	
D1052	6/29/15	P-368/P-369/P-370	Intersection	INT	6/29/15	2:20 PM	2x4	P	RA	121	06/30/15	EM	JR	P	
D1053	6/29/15	P-371/P-372/P-373	Intersection	INT	6/29/15	2:31 PM	2x3	P	RA	121	06/30/15	EM	JR	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1054	6/29/15	P-371/P-373	60' E of W EOS	PT	Covered by D1048										
D1055	6/29/15	P-370/P-371	20' W of E EOS	PT	6/29/15	4:55 PM	2x4	P	RA	121	06/30/15	EM	JR	P	
D1056	6/29/15	P-373/P-374	DF-134	DF	6/29/15	4:00 PM	2x4	P	RA	122	06/30/15	EM	JR	P	
D1057	6/29/15	P-374/P-375/P-376	Intersection	INT	6/29/15	4:10 PM	2x3	P	RA	123	06/30/15	EM	JR	P	
D1058	6/29/15	P-375/P-376/P-377	Intersection	INT	6/29/15	4:15 PM	2x2	P	RA	124	06/30/15	EM	JR	P	
D1059	6/29/15	P-377/P-379	DF-135	DF	6/29/15	4:30 PM	2x4	P	RA	125	06/29/15	EM	GA	P	Covers D1060
D1060	6/29/15	P-377/P-378/P-379	Intersection	INT	Covered by D1059										
D1061	6/29/15	P-375/P-377	48' E of W EOS	PT	6/29/15	4:32 PM	2x4	P	RA	121	06/29/15	EM	GA	P	
D1062	6/29/15	P-375/P-377	10' W of E EOS	IO	6/29/15	4:50 PM	2x2	P	RA	121	06/30/15	EM	GA	P	
D1063	6/29/15	P-290/P-360	DX-27	DX	6/30/15	8:30 AM	2x4	P	JC	121	06/30/15	EM	JR	P	
D1064	6/29/15	P-358	1' W of E EOS & 4' S	DO	6/29/15	5:10 PM	2x2	P	RA	121	06/30/15	EM	JR	P	
D1065	6/29/15	P-359/P-361	6' E of W EOS	DO	6/29/15	3:40 PM	2x3	P	RA	121	06/29/15	EM	GA	P	
D1066	6/30/15	P-344/P-345	DF-144	DF	6/30/15	6:10 PM	2x4	P	JC	121	07/01/15	EM	GA	P	
D1067	6/30/15	P-291/P-361/P-362	Intersection	INT	6/30/15	9:15 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1068	6/30/15	P-291/P-295/P-297/P-362	Intersection	INT	6/30/15	10:17 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1069	6/30/15	P-297/P-362	8' S of N EOS	WR	6/30/15	9:25 AM	2x6	P	JC	121	06/30/15	EM	JR	P	
D1070	6/30/15	P-297/P-362/P-364	Intersection	INT	6/30/15	9:30 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1071	6/30/15	P-298/P-364/P-365	Intersection	INT	Covered by D1043										
D1072	6/30/15	P-298/P-306/P-365	Intersection	INT	6/30/15	9:39 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1073	6/30/15	P-306/P-365/P-367	Intersection	INT	6/30/15	10:10 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1074	6/30/15	P-307/P-367/P-368	Intersection	INT	6/30/15	10:28 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1075	6/30/15	P-307/P-308/P-368	Intersection	INT	6/30/15	10:30 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1076	6/30/15	P-308/P-368/P-370	Intersection	INT	6/30/15	10:34 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1077	6/30/15	P-308/P-309/P-370	Intersection	INT	6/30/15	10:36 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1078	6/30/15	P-309/P-370/P-371	Intersection	INT	6/30/15	10:58 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1079	6/30/15	P-309/P-310/P-371	Intersection	INT	6/30/15	10:59 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1080	6/30/15	P-310/P-371/P-373	Intersection	INT	6/30/15	11:12 AM	2x4	P	JC	121	06/30/15	EM	JR	P	
D1081	6/30/15	P-310/P-311/P-373	Intersection	INT	6/30/15	11:15 AM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1082	6/30/15	P-311/P-373/P-374	Intersection	INT	6/30/15	1:06 PM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1083	6/30/15	P-311/P-312/P-374	Intersection	INT	6/30/15	1:07 PM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1084	6/30/15	P-312/P-374/P-375	Intersection	INT	6/30/15	1:10 PM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1085	6/30/15	P-312/P-313/P-375	Intersection	INT	6/30/15	1:13 PM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1086	6/30/15	P-313/P-375/P-377	Intersection	INT	6/30/15	1:19 PM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1087	6/30/15	P-313/P-314/P-377	Intersection	INT	6/30/15	1:22 PM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1088	6/30/15	P-314/P-377/P-378	Intersection	INT	6/30/15	1:25 PM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1089	6/30/15	P-314/P-315/P-378	Intersection	INT	6/30/15	1:30 PM	2x5	P	JC	121	06/30/15	EM	JR	P	
D1090	6/30/15	P-365/P-367	10' W of E EOS	WR	6/30/15	10:40 AM	2x2	P	JC	121	06/30/15	EM	JR	P	
D1091	6/30/15	P-385/P-386	DF-136	DF	6/30/15	8:35 AM	2x4	P	JC	121	07/01/15	EM	GA	P	
D1092	6/30/15	P-345/P-380	Anchor Trench	WR	6/30/15	5:40 PM	2x6	P	JC	121	07/01/15	EM	GA	P	
D1093	6/30/15	P-344/P-345	Anchor Trench	WR	6/30/15	5:50 PM	2x6	P	JC	121	07/01/15	EM	GA	P	
D1094	6/30/15	P-345/P-380	17' N of S EOS	WR	6/30/15	6:20 PM	2x6	P	JC	121	06/30/15	EM	GA	P	
D1095	6/30/15	P-344/P-345/P-426*	Intersection	INT	6/30/15	8:45 AM	2x5	P	RA	001	06/30/15	EM	GA	P	
D1096	6/30/15	P-345/P-423*/P-426*	Intersection	INT	6/30/15	8:47 AM	2x5	P	RA	001	06/30/15	EM	GA	P	
D1097	6/30/15	P-345/P-380/P-423*	Intersection	INT	6/30/15	5:02 PM	2x5	P	JC	121	06/30/15	GH	GA	P	
D1098	6/30/15	P-380/P-421*/P-423*	Intersection	INT	6/30/15	11:00 AM	2x5	P	RA	001	06/30/15	GH	GA	P	
D1099	6/30/15	P-380/P-382/P-421*	Intersection	INT	6/30/15	11:05 AM	2x5	P	RA	001	06/30/15	GH	GA	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1100	6/30/15	P-380/P-381/P-382	Intersection	INT	6/30/15	7:07 PM	2x3	P	JC	121	07/01/15	EM	GA	P	
D1101	6/30/15	P-381/P-382/P-383	Intersection	INT	Covered by D1119										
D1102	6/30/15	P-382/P-420*/P-421*	Intersection	INT	6/30/15	11:11 AM	2x5	P	RA	001	06/30/15	GH	GA	P	
D1103	6/30/15	P-382/P-383/P-420*	Intersection	INT	Covered by D1119										
D1104	6/30/15	P-383/P-417*/P-420*	Intersection	INT	6/30/15	11:19 AM	2x5	P	RA	001	06/30/15	EM	GA	P	
D1105	6/30/15	P-370/P-371	DF-140	DF	6/30/15	10:58 AM	2x4	P	JC	121	06/30/15	EM	JR	P	
D1106	6/30/15	P-381/P-383	DF-137	DF	7/1/15	9:00 AM	2x4	P	JC	121	07/01/15	EM	GA	P	
D1107	6/30/15	P-388/P-389	DF-138	DF	7/1/15	9:00 AM	2x4	P	JC	121	07/01/15	EM	GA	P	
D1108	6/30/15	P-383/P-384/P-417*	Intersection	INT	6/30/15	6:50 PM	2x5	P	JC	121	07/01/15	EM	GA	P	
D1109	6/30/15	P-384/P-416*/P-417*	Intersection	INT	6/30/15	7:09 PM	2x5	P	JC	121	07/01/15	EM	GA	P	
D1110	6/30/15	P-384/P-385/P-416*	Intersection	INT	6/30/15	6:51 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1111	6/30/15	P-385/P-414*/P-416*	Intersection	INT	6/30/15	1:01 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1112	6/30/15	P-385/P-386/P-414*	Intersection	INT	7/1/15	6:50 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1113	6/30/15	P-386/P-412*/P-414*	Intersection	INT	7/1/15	1:06 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1114	6/30/15	P-386/P-387/P-412*	Intersection	INT	7/1/15	6:49 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1115	6/30/15	P-391/P-392	DF-139	DF	7/1/15	9:19 AM	2x4	P	JC	121	07/01/15	EM	PO	P	
D1116	6/30/15	P-315/P-378	DX-28	DX	7/1/15	8:40 AM	2x4	P	JC	121	07/01/15	EM	GA	P	
D1117	6/30/15	P-394/P-395	DF-141	DF	7/1/15	10:15 AM	2x4	P	JC	121	07/01/15	EM	PO	P	
D1118	6/30/15	P-344/P-345	60' S of N EOS	PT	7/1/15	10:42 AM	2x5	P	JC	121	07/01/15	EM	GA	P	
D1119	6/30/15	P-382/P-383	11' N of S EOS	FS	7/1/15	12:32 PM	2x6	P	JC	121	07/01/15	RA	PO	P	
D1120	6/30/15	P-387/P-410*/P-412*	Intersection	INT	7/1/15	2:25 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1121	6/30/15	P-387/P-388/P-410*	Intersection	INT	7/1/15	6:47 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1122	6/30/15	P-388/P-408*/P-410*	Intersection	INT	7/1/15	2:40 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1123	6/30/15	P-388/P-389/P-408*	Intersection	INT	7/1/15	6:43 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1124	6/30/15	P-389/P-407*/P-408*	Intersection	INT	7/1/15	2:45 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1125	6/30/15	P-389/P-390/P-407*	Intersection	INT	7/1/15	6:43 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1126	6/30/15	P-390/P-403*/P-407*	Intersection	INT	7/1/15	3:00 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1127	6/30/15	P-390/P-391/P-403*	Intersection	INT	7/1/15	6:40 PM	2x2	P	RA	001	07/01/15	EM	GA	P	
D1128	6/30/15	P-391/P-400*/P-403*	Intersection	INT	7/1/15	3:07 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1129	6/30/15	P-399/P-400	DF-142	DF	7/1/15	11:25 AM	2x4	P	JC	121	07/01/15	EM	PO	P	
D1130	6/30/15	P-391/P-392/P-400*	Intersection	INT	7/1/15	6:16 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1131	6/30/15	P-392/P-399*/P-400*	Intersection	INT	7/1/15	3:20 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1132	6/30/15	P-392/P-393/P-399*	Intersection	INT	7/1/15	6:38 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1133	6/30/15	P-393/P-398*/P-399*	Intersection	INT	7/1/15	3:33 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1134	6/30/15	P-393/P-394/P-398*	Intersection	INT	7/1/15	6:35 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1135	6/30/15	P-372*/P-394/P-398*	Intersection	INT	7/1/15	4:00 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1136	6/30/15	P-401/P-402	15' S of N EOS	PT	7/1/15	12:04 PM	3x4	P	JC	121	07/01/15	EM	PO	P	
D1137	6/30/15	P-372*/P-394/P-395	Intersection	INT	7/1/15	4:10 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1138	6/30/15	P-371*/P-372*/P-395	Intersection	INT	7/1/15	2:13 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1139	6/30/15	P-405/P-406	DF-143	DF	7/1/15	11:30 AM	2x4	P	JC	121	07/01/15	EM	PO	P	
D1140	6/30/15	P-371*/P-395/P-396	Intersection	INT	7/1/15	4:19 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1141	6/30/15	P-368*/P-371*/P-396	Intersection	INT	7/1/15	4:25 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1142	6/30/15	P-368*/P-396/P-397	Intersection	INT	7/1/15	4:31 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1143	6/30/15	P-366*/P-368*/P-397	Intersection	INT	7/1/15	4:38 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1144	6/30/15	P-366*/P-397/P-398	Intersection	INT	7/1/15	4:45 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1145	6/30/15	P-366*/P-364*/P-398	Intersection	INT	7/1/15	4:45 PM	2x5	P	RA	001	07/01/15	EM	GA	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D1146	6/30/15	P-364*/P-398/P-399	Intersection	INT	7/1/15	5:02 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1147	6/30/15	P-362*/P-364*/P-399	Intersection	INT	7/1/15	5:05 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1148	6/30/15	P-362*/P-399/P-400	Intersection	INT	7/1/15	5:14 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1149	6/30/15	P-355*/P-362*/P-400	Intersection	INT	7/1/15	5:18 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1150	6/30/15	P-355*/P-400/P-401	Intersection	INT	7/1/15	5:27 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1151	6/30/15	P-355*/P-356*/P-401	Intersection	INT	7/1/15	5:30 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1152	6/30/15	P-356*/P-401/P-402	Intersection	INT	7/1/15	5:39 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1153	6/30/15	P-356*/P-358*/P-402	Intersection	INT	7/1/15	5:40 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1154	6/30/15	P-358*/P-402/P-403/P-404/ P-405	Intersection	INT	7/1/15	5:52 PM	3x4	P	RA	001	07/01/15	EM	GA	P	
D1155	6/30/15	P-400/P-401	Anchor Trench	PT	7/1/15	12:00 PM	2x4	P	JC	121	07/01/15	EM	PO	P	
D1156	6/30/15	P-358*/P-360*/P-405	Intersection	INT	7/1/15	5:55 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1157	6/30/15	P-360*/P-405/P-406	Intersection	INT	7/1/15	4:04 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1158	6/30/15	P-354*/P-360*/P-406/P-407	Intersection	INT	7/1/15	4:06 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1159	6/30/15	P-354*/P-407/P-408	Intersection	INT	7/1/15	4:10 PM	2x4	P	RA	001	07/01/15	EM	GA	P	
D1160	6/30/15	P-354*/P-361*/P-408	Intersection	INT	6/30/15	6:11 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1161	6/30/15	P-353*/P-361*/P-408	Intersection	INT	6/30/15	6:15 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1162	6/30/15	P-353*/P-408/P-409	Intersection	INT	6/30/15	6:18 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1163	6/30/15	P-353*/P-409/P-410	Intersection	INT	6/30/15	6:20 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1164	6/30/15	P-353*/P-410/P-411	Intersection	INT	6/30/15	6:24 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1165	6/30/15	P-352*/P-353*/P-411	Intersection	INT	6/30/15	6:27 PM	2x5	P	RA	001	07/01/15	EM	GA	P	
D1166	7/1/15	P-417*	11' W of E EOS & 2' S	DO	7/1/15	8:10 AM	2x2	P	JC	121	07/01/15	EM	GA	P	
D1167	7/1/15	P-416*	3' E of W EOS & 2' S	DO	7/1/15	9:50 AM	2x2	P	JC	121	07/01/15	EM	PO	P	
D1168	7/1/15	P-414*	7' E of W EOS & 1' S	DO	7/1/15	9:10 AM	2x2	P	JC	121	07/01/15	EM	PO	P	
D1169	7/1/15	P-379/P-412	DF-145	DF	7/2/15	10:40 AM	2x4	P	JC	121	07/01/15	EM	GA	P	
D1170	7/1/15	P-352*/P-411	DX-29	DX	7/1/15	11:40 AM	2x4	P	JC	121	07/01/15	EM	PO	P	
D1171	7/1/15	P-391	9' E of W EOS & 6' N	DO	7/1/15	10:00 AM	2x2	P	JC	121	07/01/15	EM	PO	P	
D1172	7/1/15	P-400	6' E of W EOS & 7' N	DO	7/1/15	11:20 AM	2x3	P	JC	121	07/01/15	EM	PO	P	
D1173	6/27/15	P-327/P-330/P-331	Intersection	INT	Covered by D1174										
D1174	6/27/15	P-327/P-331	W EOS - E EOS	FS	6/27/15	10:20 AM	2x8	P	JC	121	06/27/15	EM	GA	P	Covers D972, D1173
D1175	6/27/15	P-341/P-402*	W EOS - E EOS	FS	Covered by D995										
D1176	7/1/15	P-415/P-416	DF-146	DF	7/2/15	11:00 AM	2x4	P	JC	121	07/02/15	EM	GA	P	
D1177	7/1/15	P-378/P-412	106' E of W EOS	BO	7/2/15	11:16 AM	2x6	P	JC	121	07/02/15	EM	GA	P	
D1178	7/1/15	P-416/P-418	DF-147	DF	7/2/15	9:30 AM	2x5	P	JC	121	07/02/15	EM	GA	P	
D1179	7/2/15	P-378/P-379/P-412	Intersection	INT	7/2/15	10:35 AM	2x4	P	JC	121	07/02/15	EM	GA	P	
D1180	7/2/15	P-378/P-412	54' E of W EOS	BO	7/2/15	11:07 AM	2x4	P	JC	121	07/02/15	EM	GA	P	
D1181	7/2/15	P-412/P-413/P-414	Intersection	INT	7/2/15	10:20 AM	2x3	P	JC	121	07/02/15	EM	GA	P	
D1182	7/2/15	P-413/P-414/P-415	Intersection	INT	7/2/15	10:20 AM	2x7	P	JC	121	07/02/15	EM	GA	P	
D1183	7/2/15	P-415/P-416/P-417	Intersection	INT	7/2/15	10:00 AM	2x4	P	JC	121	07/02/15	EM	GA	P	
D1184	7/2/15	P-315/P-378/P-412	Intersection	INT	7/2/15	8:05 AM	2x5	P	JC	121	07/02/15	EM	JR	P	
D1185	7/2/15	P-315/P-316/P-412	Intersection	INT	7/2/15	8:10 AM	2x5	P	JC	121	07/02/15	EM	JR	P	
D1186	7/2/15	P-316/P-412/P-413	Intersection	INT	7/2/15	8:25 AM	2x5	P	JC	121	07/02/15	EM	GA	P	
D1187	7/2/15	P-316/P-317/P-413	Intersection	INT	7/2/15	8:28 AM	2x5	P	JC	121	07/02/15	EM	GA	P	
D1188	7/2/15	P-317/P-413/P-415	Intersection	INT	7/2/15	9:00 AM	2x5	P	JC	121	07/02/15	EM	GA	P	
D1189	7/2/15	P-317/P-318/P-415	Intersection	INT	7/2/15	9:05 AM	2x2	P	JC	121	07/02/15	EM	GA	P	
D1190	7/2/15	P-318/P-415/P-416	Intersection	INT	7/2/15	9:10 AM	2x5	P	JC	121	07/02/15	EM	GA	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1191	7/2/15	P-318/P-319/P-416	Intersection	INT	7/2/15	9:21 AM	2x2	P	JC	121	07/02/15	EM	GA	P	
D1192	7/2/15	P-319/P-416/P-418	Intersection	INT	7/2/15	9:32 AM	2x2	P	JC	121	07/02/15	EM	GA	P	
D1193	7/2/15	P-319/P-320/P-418	Intersection	INT	7/2/15	9:33 AM	2x2	P	JC	121	07/02/15	EM	GA	P	
D1194	7/2/15	P-320/P-418	DX-30	DX	7/2/15	12:00 PM	2x4	P	JC	121	07/02/15	EM	GA	P	
D1195	7/2/15	P-379/P-412	Anchor Trench	PT	7/2/15	10:50 AM	2x5	P	JC	121	07/02/15	EM	GA	P	
D1196	7/2/15	P-416/P-417/P-418	Intersection	INT	7/2/15	10:05 AM	2x3	P	JC	121	07/02/15	EM	GA	P	
D1197	7/2/15	P-418/P-419/P-421	Intersection	INT	7/2/15	11:40 AM	2x5	P	JC	121	07/02/15	EM	GA	P	
D1198	7/10/15	P-420/P-422	DF-148	DF	7/11/15	8:50 AM	3x6	P	JC	121	07/11/15	CL	BM	P	Covers D1229
D1199	7/10/15	P-423/P-424	DF-149	DF	7/11/15	8:30 AM	3x6	P	JC	121	07/11/15	CL	BM	P	Covers D1231
D1200	7/10/15	P-320/P-321/P-418/P-419/ P-420/ P-422	Intersection	INT	7/11/15	2:05 PM	4x7	P	JC	121	07/11/15	CL	BM	P	
D1201	7/10/15	P-321/P-322/P-422/P-423	Intersection	INT	7/11/15	2:20 PM	2x6	P	JC	121	07/11/15	CL	BM	P	
D1202	7/10/15	P-322/P-323/P-423/P-424	Intersection	INT	7/11/15	2:30 PM	2x3	P	JC	121	07/11/15	CL	BM	P	
D1203	7/10/15	P-323/P-324/P-424/P-425	Intersection	INT	7/11/15	2:40 PM	2x2	P	JC	121	07/11/15	CL	BM	P	
D1204	7/10/15	P-324/P-325/P-425	Intersection	INT	Covered by D1205										
D1205	7/10/15	P-325/P-425	Entire Seam	FS	7/10/15	2:50 PM	3x6	C	JC	121	07/11/15	CL	BM	P	Covers D1204, D1206
D1206	7/10/15	P-325/P-425/P-426	Intersection	INT	Covered by D1205										
D1207	7/10/15	P-419/P-421/P-427	Intersection	INT	7/10/15	4:00 PM	2x3	P	JC	121	07/11/15	CL	BM	P	
D1208	7/10/15	P-418/P-421/P-427	Intersection	INT	7/10/15	4:05 PM	4x10	P	JC	121	07/11/15	CL	BM	P	
D1209	7/10/15	P-416/P-418/P-427	Intersection	INT	7/10/15	4:35 PM	2x5	P	JC	121	07/11/15	CL	BM	P	
D1210	7/10/15	P-416/P-417/P-427	Intersection	INT	7/10/15	4:40 PM	3x5	P	JC	121	07/11/15	CL	BM	P	
D1211	7/10/15	P-417/P-427	29' W of E EOS & 10' S	DO	7/10/15	5:05 PM	3x3	P	JC	121	07/11/15	CL	BM	P	
D1212	7/10/15	P-417/P-427/P-428	Intersection	INT	7/10/15	5:00 PM	3x4	P	JC	121	07/11/15	CL	BM	P	
D1213	7/10/15	P-412/P-413/P-414	20' W of E EOS & 2' S	DO	7/10/15	5:10 PM	2x2	P	JC	121	07/11/15	CL	BM	P	
D1214	7/10/15	P-415/P-417/P-428/P-429	Intersection	INT	7/10/15	5:30 PM	3x7	P	JC	121	07/11/15	CL	BM	P	
D1215	7/10/15	P-415/P-429/P-430	Intersection	INT	Covered by D1216										
D1216	7/10/15	P-415/P-430	Entire Seam	FS	7/10/15	6:30 PM	3x15	C	JC	121	07/11/15	CL	BM	P	Covers D1215, D1217
D1217	7/10/15	P-414/P-415/P-430	Intersection	INT	Covered by D1216										
D1218	7/10/15	P-414/P-430	N EOS to 7' S	FS	7/10/15	5:45 PM	2x6	C	JC	121	07/11/15	CL	BM	P	
D1219	7/10/15	P-412/P-414/P-430/P-432	Intersection	INT	7/10/15	6:00 PM	3x9	P	JC	121	07/11/15	CL	BM	P	
D1220	7/10/15	P-429/P-430/P-431	Intersection	INT	7/10/15	6:56 PM	2x4	P	JC	121	07/11/15	CL	BM	P	
D1221	7/10/15	P-430/P-431/P-432	Intersection	INT	7/10/15	6:53 PM	2x3	P	JC	121	07/11/15	CL	BM	P	
D1222	7/10/15	P-431/P-432/P-433	Intersection	INT	7/10/15	7:00 PM	2x4	P	JC	121	07/11/15	CL	BM	P	
D1223	7/10/15	P-430/P-432	DF-150	DF	7/11/15	10:05 AM	2x5	P	JC	121	07/12/15	CL	BM	P	
D1224	7/10/15	P-431/P-434	DF-151	DF	7/11/15	4:10 PM	3x6	P	RA	001	07/12/15	CL	BM	P	
D1225	7/10/15	P-425/P-438	DF-152	DF	Covered by D1232										
D1226	7/10/15	P-437/P-438/P-439	Intersection	INT	7/11/15	9:10 AM	2x3	P	JC	121	07/11/15	CL	BM	P	
D1227	7/10/15	P-438/P-439/P-441	Intersection	INT	7/11/15	9:20 AM	2x4	P	JC	121	07/11/15	CL	BM	P	
D1228	7/10/15	P-419/P-420/P-427/P-434	Intersection	INT	7/10/15	7:25 PM	3x5	P	JC	121	07/11/15	CL	BM	P	
D1229	7/10/15	P-420/P-422/P-434/P-435	Intersection	INT	Covered by D1198										
D1230	7/10/15	P-422/P-423/P-435/P-436	Intersection	INT	7/10/15	8:40 AM	3x3	P	JC	121	07/11/15	CL	BM	P	
D1231	7/10/15	P-423/P-424/P-436/P-437	Intersection	INT	Covered by D1199										
D1232	7/10/15	P-424/P-425/P-437/P-438	Intersection	INT	Covered by D1254										
D1233	7/10/15	P-425/P-438/P-441/P-442	Intersection	INT	7/11/15	8:15 AM	3x4	P	JC	121	07/11/15	CL	BM	P	
D1234	7/10/15	P-425/P-426/P-442	Intersection	INT	7/11/15	8:10 AM	3x3	P	JC	121	07/11/15	CL	BM	P	
D1235	7/10/15	P-426/P-440/P-442	Intersection	INT	7/11/15	9:25 AM	3x3	P	JC	121	07/11/15	CL	BM	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D1236	7/10/15	P-325/P-426	DX-31	DX	7/11/15	7:25 AM	2x5	P	JC	121	07/11/15	CL	BM	P	
D1237	7/10/15	P-429/P-431/P-434	Intersection	INT	7/10/15	7:10 PM	2x2	P	JC	121	07/11/15	CL	BM	P	
D1238	7/10/15	P-428/P-429/P-434	Intersection	INT	7/10/15	7:15 PM	2x3	P	JC	121	07/11/15	CL	BM	P	
D1239	7/10/15	P-427/P-428/P-434	Intersection	INT	7/10/15	7:20 PM	2x3	P	JC	121	07/11/15	CL	BM	P	
D1240	7/11/15	P-432/P-443	DF-153	DF	7/11/15	10:50 AM	2x5	P	RA	001	07/11/15	CL	BM	P	
D1241	7/11/15	P-443/P-444	DF-154	DF	7/11/15	11:35 AM	2x5	P	RA	001	07/11/15	CL	BM	P	
D1242	7/11/15	P-327/P-440	DX-32	DX	7/11/15	9:45 AM	2x5	P	JC	121	07/11/15	CL	BM	P	
D1243	7/11/15	P-325/P-326/P-426	Intersection	INT	7/11/15	7:26 AM	2x2	P	JC	121	07/11/15	CL	BM	P	
D1244	7/11/15	P-446/P-447	135' S of N EOS	BO	7/11/15	11:40 AM	2x4	P	RA	001	07/11/15	CL	BM	P	
D1245	7/11/15	P-446/P-447	DF-155	DF	7/11/15	12:05 PM	2x5	P	RA	001	07/11/15	CL	BM	P	
D1246	7/11/15	P-326/P-426/P-440	Intersection	INT	7/11/15	7:28 AM	2x2	P	JC	121	07/11/15	CL	BM	P	
D1247	7/11/15	P-326/P-327/P-440	Intersection	INT	7/11/15	7:38 AM	2x2	P	JC	121	07/11/15	CL	BM	P	
D1248	7/11/15	P-449/P-450	DF-156	DF	7/11/15	12:00 PM	2x5	P	RA	001	07/12/15	CL	BM	P	
D1249	7/11/15	P-450/P-451	DF-157	DF	7/11/15	11:50 AM	2x5	P	RA	001	07/11/15	CL	BM	P	
D1250	7/11/15	P-462/P-465	DF-158	DF	7/12/15	9:55 AM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1251	7/11/15	P-458/P-459	DF-159	DF	7/11/15	4:00 PM	2x5	P	RA	001	07/11/15	CL	BM	P	
D1252	7/11/15	P-432/P-433/P-443	Intersection	INT	7/11/15	10:40 AM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1253	7/11/15	P-412/P-432/P-443	Intersection	INT	7/11/15	11:30 AM	3x3	P	RA	001	07/11/15	CL	BM	P	
D1254	7/11/15	P-441/P-463	N EOS to S EOS	FS	7/11/15	4:30 PM	3x10	C	RA	001	07/11/15	CL	BM	P	Covers D1255, D1232
D1255	7/11/15	P-439/P-441/P-459/P-463	Intersection	INT	Covered by D1254										
D1256	7/11/15	P-437/P-439/P-458/P-459	Intersection	INT	7/11/15	4:20 PM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1257	7/11/15	P-436/P-437/P-454/P-458	Intersection	INT	7/11/15	4:15 PM	2x4	P	RA	001	07/11/15	CL	BM	P	
D1258	7/11/15	P-435/P-436/P-453/P-454	Intersection	INT	7/11/15	4:10 PM	3x5	P	RA	001	07/11/15	CL	BM	P	
D1259	7/11/15	P-434/P-435/P-452/P-453	Intersection	INT	7/11/15	4:15 PM	3x5	P	RA	001	07/11/15	CL	BM	P	
D1260	7/11/15	P-431/P-434/P-452	Intersection	INT	7/11/15	4:10 PM	3x6	P	RA	001	07/11/15	CL	BM	P	
D1261	7/11/15	P-431/P-433/P-452	Intersection	INT	7/11/15	4:05 PM	3x7	P	RA	001	07/11/15	CL	BM	P	
D1262	7/11/15	P-433/P-443/P-452	Intersection	INT	7/11/15	2:45 PM	2x4	P	RA	001	07/11/15	CL	BM	P	
D1263	7/11/15	P-443/P-444/P-452	Intersection	INT	7/11/15	3:00 PM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1264	7/11/15	P-452/P-453/P-455	Intersection	INT	7/11/15	5:25 PM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1265	7/11/15	P-453/P-455/P-457	Intersection	INT	7/11/15	3:05 PM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1266	7/11/15	P-453/P-454/P-457	Intersection	INT	7/11/15	3:10 PM	2x2	P	RA	001	07/11/15	CL	BM	P	
D1267	7/11/15	P-454/P-458/P-457	Intersection	INT	7/11/15	3:15 PM	2x4	P	RA	001	07/11/15	CL	BM	P	
D1268	7/11/15	P-457/P-458/P-460	Intersection	INT	7/11/15	3:20 PM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1269	7/11/15	P-458/P-459/P-460/P-466	Intersection	INT	7/11/15	3:25 PM	3x3	P	RA	001	07/11/15	CL	BM	P	
D1270	7/11/15	P-452/P-455/P-464	Intersection	INT	7/11/15	5:20 PM	2x2	P	RA	001	07/11/15	CL	BM	P	
D1271	7/11/15	P-452	5' S of N EOS & 3' E	DO	7/11/15	5:18 PM	2x2	P	RA	001	07/11/15	CL	BM	P	
D1272	7/11/15	P-444/P-445/P-452/P-464	Intersection	INT	7/11/15	5:10 PM	3x5	P	RA	001	07/11/15	CL	BM	P	
D1273	7/11/15	P-445/P-446/P-464	Intersection	INT	7/11/15	5:50 PM	2x4	P	RA	001	07/11/15	CL	BM	P	
D1274	7/11/15	P-446/P-447/P-464	Intersection	INT	7/11/15	6:00 PM	2x4	P	RA	001	07/11/15	CL	BM	P	
D1275	7/11/15	P-447/P-464	8' E of W EOS	PT	7/11/15	6:10 PM	2x5	P	RA	001	07/11/15	CL	BM	P	
D1276	7/11/15	P-447/P-448/P-464	Intersection	INT	7/11/15	6:15 PM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1277	7/11/15	P-455/P-456/P-464	Intersection	INT	7/11/15	6:05 PM	2x2	P	RA	001	07/11/15	CL	BM	P	
D1278	7/11/15	P-455/P-456/P-457	Intersection	INT	7/11/15	3:50 PM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1279	7/11/15	P-457/P-460/P-461	Intersection	INT	7/11/15	3:40 PM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1280	7/11/15	P-457/P-461/P-462	Intersection	INT	7/11/15	3:55 PM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1281	7/11/15	P-456/P-457/P-462	Intersection	INT	7/11/15	3:45 PM	3x3	P	RA	001	07/11/15	CL	BM	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D1282	7/11/15	P-456/P-464/P-468	Intersection	INT	7/11/15	6:35 PM	2x2	P	RA	001	07/11/15	CL	BM	P	
D1283	7/11/15	P-448/P-464/P-468	Intersection	INT	7/11/15	6:20 PM	2x2	P	RA	001	07/11/15	CL	BM	P	
D1284	7/11/15	P-448/P-449/P-468	Intersection	INT	7/11/15	6:25 PM	2x3	P	RA	001	07/11/15	CL	BM	P	
D1285	7/11/15	P-469/P-470	DF-160	DF	7/12/15	10:45 AM	2x5	P	JC	121	07/12/15	CL	BM	P	
D1286	7/11/15	P-449/P-468	12' E of W EOS	PT	7/12/15	6:30 PM	2x7	P	JC	121	07/12/15	CL	BM	P	
D1287	7/11/15	P-449/P-450/P-456/P-468	Intersection	INT	7/12/15	6:40 PM	2x6	P	JC	121	07/12/15	CL	BM	P	
D1288	7/11/15	P-450/P-456/P-467	Intersection	INT	7/12/15	9:00 AM	2x4	P	JC	121	07/12/15	CL	BM	P	
D1289	7/11/15	P-450/P-451/P-467	Intersection	INT	7/12/15	9:05 AM	2x4	P	JC	121	07/12/15	CL	BM	P	
D1290	7/11/15	P-456/P-462/P-467	Intersection	INT	7/12/15	9:35 AM	2x4	P	JC	121	07/12/15	CL	BM	P	
D1291	7/11/15	P-461/P-462/P-465	Intersection	INT	Covered by D1292										
D1292	7/11/15	P-461/P-465	Entire Seam	FS	7/12/15	9:50 AM	3x10	C	JC	121	07/12/15	CL	BM	P	Covers D1291
D1293	7/11/15	P-451/P-467/P-469	Intersection	INT	Covered by D1298										
D1294	7/11/15	P-467/P-469	DF-161	DF	7/12/15	10:10 AM	3x9	P	RA	001	07/12/15	CL	BM	P	Covers D1295
D1295	7/11/15	P-467/P-469/P-470	Intersection	INT	Covered by D1294										
D1296	7/11/15	P-462/P-467/P-470	Intersection	INT	7/12/15	10:05 AM	3x5	P	RA	001	07/12/15	CL	BM	P	
D1297	7/11/15	P-470/P-471	172' S of N EOS	BO	7/12/15	10:50 AM	2x2	P	RA	001	07/12/15	CL	BM	P	
D1298	7/11/15	P-451/P-467	W EOS to 16' E	FS	7/12/15	9:30 AM	3x18	C	RA	001	07/12/15	CL	BM	P	Covers D1293
D1299	7/11/15	P-472/P-474	166' S of N EOS	BO	7/12/15	10:50 AM	2x4	P	JC	121	07/12/15	CL	BM	P	
D1300	7/11/15	P-474/P-476	166' S of N EOS	BO	7/12/15	10:55 AM	2x4	P	RA	001	07/12/15	CL	BM	P	
D1301	7/11/15	P-474/P-476	39' S of N EOS	BO	7/12/15	10:35 AM	2x3	P	RA	001	07/12/15	CL	BM	P	
D1302	7/11/15	P-433	9' S of N EOS & 6' W	DO	7/11/15	4:50 PM	2x2	P	RA	001	07/11/15	CL	BM	P	
D1303	7/11/15	P-474/P-476	DF-162	DF	7/12/15	10:40 AM	2x5	P	JC	121	07/12/15	CL	BM	P	
D1304	7/11/15	P-452	11' S of N EOS & 2' E	DO	7/11/15	5:15 PM	2x2	P	RA	001	07/11/15	CL	BM	P	
D1305	7/11/15	P-462/P-470/P-475	Intersection	INT	7/12/15	10:20 AM	3x3	P	RA	001	07/12/15	CL	BM	P	
D1306	7/11/15	P-470/P-471/P-475	Intersection	INT	7/12/15	10:50 AM	3x3	P	RA	001	07/12/15	CL	BM	P	
D1307	7/11/15	P-471/P-472/P-473	Intersection	INT	7/12/15	10:55 AM	2x6	P	RA	001	07/12/15	CL	BM	P	
D1308	7/11/15	P-472/P-473/P-474	Intersection	INT	7/12/15	11:05 AM	2x2	P	RA	001	07/12/15	CL	BM	P	
D1309	7/11/15	P-474/P-475/P-476	Intersection	INT	7/12/15	11:10 AM	3x4	P	RA	001	07/12/15	CL	BM	P	
D1310	7/12/15	P-470/P-471/P-475	Anchor Trench	BO	7/12/15	10:50 AM	2x4	P	JC	121	07/12/15	CL	BM	P	
D1311	7/12/15	P-476/P-478	Anchor Trench	BO	7/12/15	11:00 AM	2x2	P	RA	001	07/12/15	CL	BM	P	
D1312	7/12/15	P-478/P-479	Anchor Trench	BO	7/12/15	11:05 AM	2x5	P	RA	001	07/12/15	CL	BM	P	
D1313	7/12/15	P-479/P-480	145' S of N EOS	DO	7/12/15	11:10 AM	2x2	P	RA	001	07/12/15	CL	BM	P	
D1314	7/12/15	P-476/P-477/P-478	Intersection	INT	7/12/15	11:20 AM	2x4	P	RA	001	07/12/15	CL	BM	P	
D1315	7/12/15	P-462/P-475	S EOS to 14' N	FS	7/12/15	10:40 AM	3x7	P	RA	001	07/12/15	CL	BM	P	
D1316	7/12/15	P-481/P-482	DF-163	DF	7/13/15	9:30 AM	2x4	P	JC	121	07/13/15	EM	AF	P	
D1317	7/12/15	P-482/P-483	DF-164	DF	7/13/15	9:20 AM	2x4	P	JC	121	07/13/15	EM	AF	P	
D1318	7/12/15	P-490/P-491	DF-165	DF	7/13/15	8:45 AM	2x4	P	JC	121	07/13/15	EM	AF	P	
D1319	7/12/15	P-471/P-472	31' S of N EOS	BO	7/12/15	11:30 AM	2x3	P	RA	001	07/12/15	EM	BM	P	
D1320	7/12/15	P-491/P-493	Anchor Trench	BO	7/13/15	8:50 AM	2x5	P	JC	121	07/13/15	EM	AF	P	
D1321	7/12/15	P-490/P-491	Anchor Trench	BO	7/13/15	8:55 AM	2x4	P	JC	121	07/13/15	EM	AF	P	
D1322	7/12/15	P-486/P-488	Anchor Trench	BO	7/13/15	9:00 AM	2x3	P	JC	121	07/13/15	EM	AF	P	
D1323	7/12/15	P-6/P-9/P-487	Intersection	INT	7/12/15	4:50 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1324	7/12/15	P-6/P-484/P-487	Intersection	INT	7/12/15	4:50 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1325	7/12/15	P-4/P-6/P-484	Intersection	INT	7/12/15	4:35 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1326	7/12/15	P-4/P-483/P-484	Intersection	INT	7/12/15	4:35 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1327	7/12/15	P-3/P-4/P-483	Intersection	INT	7/12/15	4:22 PM	2x2	P	RA	001	07/13/15	EM	AF	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D1328	7/12/15	P-3/P-482/P-483	Intersection	INT	7/12/15	4:22 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1329	7/12/15	P-1/P-3/P-482	Intersection	INT	7/12/15	4:20 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1330	7/12/15	P-1/P-481/P-482	Intersection	INT	7/12/15	4:12 PM	2x6	P	RA	001	07/13/15	EM	AF	P	
D1331	7/12/15	P-1/P-8/P-481	Intersection	INT	7/12/15	4:06 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1332	7/12/15	P-8/P-481/P-485	Intersection	INT	7/12/15	4:06 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1333	7/12/15	P-8/P-11/P-485	Intersection	INT	7/12/15	4:05 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1334	7/12/15	P-11/P-485/P-486	Intersection	INT	7/12/15	5:43 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1335	7/12/15	P-11/P-13/P-486	Intersection	INT	7/12/15	5:40 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1336	7/12/15	P-13/P-486/P-488	Intersection	INT	7/12/15	5:33 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1337	7/12/15	P-13/P-15/P-488	Intersection	INT	7/12/15	5:30 PM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1338	7/12/15	P-15/P-488/P-489	Intersection	INT	7/13/15	10:35 AM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1339	7/12/15	P-15/P-16/P-489	Intersection	INT	7/13/15	10:20 AM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1340	7/12/15	P-16/P-489/P-491	Intersection	INT	7/12/15	10:15 AM	2x2	P	RA	001	07/13/15	EM	AF	P	
D1341	7/12/15	P-16/P-17/P-491	Intersection	INT	7/12/15	10:13 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1342	7/12/15	P-17/P-491/P-492	Intersection	INT	7/12/15	10:07 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1343	7/12/15	P-17/P-19/P-492	Intersection	INT	7/12/15	10:05 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1344	7/12/15	P-13/P-486	DX-33	DX	7/12/15	9:55 AM	2x3	P	RA	001	07/16/15	EM	BM	P	
D1345	7/12/15	P-488/P-489/P-490	Intersection	INT	7/13/15	8:35 AM	2x3	P	JC	121	07/13/15	EM	AF	P	
D1346	7/12/15	P-489/P-490/P-491	Intersection	INT	7/13/15	8:30 AM	2x3	P	JC	121	07/13/15	EM	AF	P	
D1347	7/12/15	P-491/P-492/P-493	Intersection	INT	7/13/15	8:20 AM	3x3	P	JC	121	07/13/15	EM	AF	P	
D1348	7/13/15	P-492/P-494	DF-166	DF	7/13/15	2:05 PM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1349	7/13/15	P-496/P-497	DF-167	DF	7/13/15	2:35 PM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1350	7/13/15	P-496/P-497/P-498	Intersection	INT	7/13/15	2:40 PM	2x4	P	RA	001	07/16/15	EM	BM	P	
D1351	7/13/15	P-494/P-495/P-496	Intersection	INT	7/13/15	2:14 PM	3x10	P	RA	001	07/16/15	EM	BM	P	
D1352	7/13/15	P-495/P-496/P-497	Intersection	INT	7/13/15	2:25 PM	2x4	P	RA	001	07/16/15	EM	BM	P	
D1353	7/13/15	P-19/P-492/P-494	Intersection	INT	7/13/15	1:55 PM	2x4	P	RA	001	07/16/15	EM	BM	P	
D1354	7/13/15	P-19/P-21/P-494	Intersection	INT	7/13/15	1:50 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1355	7/13/15	P-21/P-494/P-495	Intersection	INT	7/13/15	1:39 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1356	7/13/15	P-21/P-22/P-495	Intersection	INT	7/13/15	1:37 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1357	7/13/15	P-22/P-495/P-497	Intersection	INT	7/13/15	1:29 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1358	7/13/15	P-22/P-24/P-497	Intersection	INT	7/13/15	1:27 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1359	7/13/15	P-493/P-494	Anchor Trench	PT	7/13/15	2:55 PM	3x7	P	RA	001	07/16/15	EM	BM	P	
D1360	7/13/15	P-492/P-493/P-494	Intersection	INT	7/13/15	2:30 PM	2x3	P	RA	001	07/16/15	EM	BM	P	
D1361	7/13/15	P-499/P-500	DF-168	DF	7/14/15	12:15 PM	2x4	P	RA	001	07/16/15	EM	BM	P	
D1362	7/13/15	P-19/P-21/P-494	DX-34	DX	7/15/15	9:50 AM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1363	7/14/15	P-502/P-503	DF-169	DF	7/14/15	12:10 PM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1364	7/14/15	P-503/P-504	DF-170	DF	7/15/15	10:00 AM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1365	7/14/15	P-504/P-505	193' E of W EOS	PT	7/15/15	11:00 AM	2x3	P	RA	001	07/16/15	EM	BM	P	
D1366	7/14/15	P-504/P-505	245' E of W EOS	PT	7/15/15	8:45 AM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1367	7/14/15	P-500/P-501	160' E of W EOS	PT	7/15/15	10:45 AM	2x4	P	RA	001	07/16/15	EM	BM	P	
D1368	7/14/15	P-505/P-506	DF-171	DF	7/15/15	8:40 AM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1369	7/14/15	P-506/P-507	DF-172	DF	7/15/15	11:05 AM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1370	7/13/15	P-497/P-498/P-499	Intersection	INT	7/14/15	1:20 PM	2x4	P	RA	001	07/16/15	EM	BM	P	
D1371	7/13/15	P-24/P-497/P-499	Intersection	INT	7/13/15	4:30 PM	2x3	P	RA	001	07/16/15	EM	BM	P	
D1372	7/13/15	P-24/P-26/P-499	Intersection	INT	7/13/15	4:20 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1373	7/13/15	P-26/P-499/P-500	Intersection	INT	7/13/15	4:15 PM	2x2	P	RA	001	07/16/15	EM	BM	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D1374	7/13/15	P-26/P-27/P-500	Intersection	INT	7/13/15	4:10 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1375	7/15/15	P-27/P-500/P-501	Intersection	INT	7/13/15	4:05 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1376	7/15/15	P-28/P-501/P-502	Intersection	INT	7/16/15	8:41 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1377	7/15/15	P-28/P-30/P-502	Intersection	INT	7/16/15	8:48 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1378	7/15/15	P-30/P-502/P-503	Intersection	INT	7/16/15	8:50 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1379	7/15/15	P-30/P-31/P-503	Intersection	INT	7/16/15	9:10 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1380	7/15/15	P-31/P-503/P-504	Intersection	INT	7/15/15	9:02 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1381	7/15/15	P-31/P-32/P-504	Intersection	INT	7/15/15	9:00 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1382	7/15/15	P-32/P-504/P-505	Intersection	INT	7/16/15	11:45 AM	3x4	P	RA	001	07/16/15	EM	BM	P	
D1383	7/14/15	P-508/P-509	DF-173	DF	7/15/15	11:40 AM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1384	7/14/15	P-33/P-505/P-506	Intersection	INT	7/16/15	11:10 AM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1385	7/14/15	P-511/P-512	DX-35	DX	7/16/15	9:37 AM	2x7	P	JC	121	07/16/15	EM	BM	P	Covers D1405
D1386	7/14/15	P-514/P-518	DF-174	DF	7/15/15	1:10 PM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1387	7/14/15	P-27/P-28/P-501	Intersection	INT	7/16/15	8:54 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1388	7/14/15	P-32/P-33/P-505	Intersection	INT	7/16/15	11:40 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1389	7/14/15	P-33/P-36/P-506	Intersection	INT	7/16/15	11:00 AM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1390	7/14/15	P-36/P-506/P-507	Intersection	INT	7/16/15	10:55 AM	2x3	P	RA	001	07/17/15	EM	BM	P	
D1391	7/14/15	P-36/P-37/P-507	Intersection	INT	7/16/15	10:50 AM	2x3	P	RA	001	07/17/15	EM	BM	P	
D1392	7/14/15	P-37/P-507/P-508	Intersection	INT	7/16/15	10:45 AM	3x4	P	RA	001	07/17/15	EM	BM	P	
D1393	7/14/15	P-37/P-38/P-508	Intersection	INT	7/16/15	10:42 AM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1394	7/14/15	P-38/P-508/P-509	Intersection	INT	7/16/15	10:37 AM	2x3	P	RA	001	07/17/15	EM	BM	P	
D1395	7/14/15	P-38/P-41/P-509	Intersection	INT	7/16/15	10:35 AM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1396	7/15/15	P-514/P-516	48' E of W EOS	PT	7/15/15	2:00 PM	3x14	C	RA	001	07/16/15	EM	BM	P	Covers D1417
D1397	7/15/15	P-521/P-524	DF-176	DF	7/17/15	5:40 PM	2x5	P	RA	001	07/17/15	EM	BM	P	
D1398	7/15/15	P-515/P-519	DF-175	DF	7/15/15	2:25 PM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1399	7/15/15	P-519/P-520	DF-177	DF	7/17/15	4:45 PM	2x7	P	RA	001	07/17/15	EM	BM	P	
D1400	7/14/15	P-502	135' W of E EOS & 3' S	DO	7/14/15	12:13 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1401	7/15/15	P-498/P-499/P-510	Intersection	INT	7/16/15	9:54 AM	2x2	P	JC	121	07/16/15	EM	BM	P	
D1402	7/15/15	P-499/P-510/P-512	Intersection	INT	7/16/15	9:50 AM	2x2	P	JC	121	07/16/15	EM	BM	P	
D1403	7/15/15	P-499/P-500/P-512	Intersection	INT	7/16/15	9:42 AM	2x2	P	JC	121	07/16/15	EM	BM	P	
D1404	7/15/15	P-500/P-511/P-512	Intersection	INT	7/16/15	9:30 AM	2x2	P	JC	121	07/16/15	EM	BM	P	
D1405	7/15/15	P-510/P-511/P-512	Intersection	INT	Covered by D1385										
D1406	7/15/15	P-500/P-501/P-511	Intersection	INT	7/16/15	9:15 AM	3x7	P	JC	121	07/16/15	EM	BM	P	
D1407	7/15/15	P-501/P-502/P-511/P-513	Intersection	INT	7/16/15	8:55 AM	3x12	P	JC	121	07/16/15	EM	BM	P	
D1408	7/15/15	P-502/P-503/P-513	Intersection	INT	7/16/15	8:25 AM	2x2	P	JC	121	07/16/15	EM	BM	P	
D1409	7/15/15	P-509/P-514	Anchor Trench	BO	7/15/15	11:50 AM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1410	7/15/15	P-514/P-517/P-518	Intersection	INT	7/15/15	1:15 PM	2x3	P	RA	001	07/16/15	EM	BM	P	
D1411	7/15/15	P-517/P-518/P-519	Intersection	INT	7/15/15	1:20 PM	2x3	P	RA	001	07/16/15	EM	BM	P	
D1412	7/15/15	P-519/P-522/P-523	Intersection	INT	7/15/15	1:25 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1413	7/15/15	P-522/P-523/P-524	Intersection	INT	7/15/15	1:30 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1414	7/15/15	P-521/P-522/P-524	Intersection	INT	7/15/15	1:40 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1415	7/15/15	P-519/P-521/P-522	Intersection	INT	7/15/15	1:35 PM	2x3	P	RA	001	07/16/15	EM	BM	P	
D1416	7/15/15	P-516/P-517/P-519	Intersection	INT	7/15/15	1:30 PM	2x3	P	RA	001	07/16/15	EM	BM	P	
D1417	7/15/15	P-514/P-516/P-517	Intersection	INT	Covered by D1396										
D1418	7/15/15	P-524/P-525	DF-178	DF	7/17/15	10:00 AM	3x13	P	RA	001	07/19/15	EM	BM	P	Covers D1419
D1419	7/15/15	P-524/P-525	65' W of E EOS	PT	Covered by D1418										

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1420	7/15/15	P-525/P-530	DF-179	DF	7/17/15	10:15 AM	2x5	P	RA	001	07/17/15	EM	BM	P	
D1421	7/15/15	P-525/P-530	48' W of E EOS	WR	7/17/15	10:15 AM	2x5	P	RA	001	07/17/15	EM	BM	P	
D1422	7/15/15	P-514/P-515/P-516	Intersection	INT	7/15/15	2:05 PM	2x4	P	RA	001	07/16/15	EM	BM	P	
D1423	7/15/15	P-515/P-516/P-519	Intersection	INT	7/15/15	2:20 PM	2x2	P	RA	001	07/16/15	EM	BM	P	
D1424	7/15/15	P-525/P-530	36' W of E EOS	PT	7/15/15	10:10 AM	2x6	P	RA	001	07/17/15	EM	BM	P	
D1425	7/16/15	P-31/P-503	DX-36	DX	7/16/15	1:10 PM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1426	7/16/15	P-524/P-529	8' E of W EOS	PT	7/17/15	1:45 PM	2x5	P	RA	001	07/17/15	EM	BM	P	
D1427	7/16/15	P-498/P-510	DX-37	DX	7/16/15	10:55 AM	2x5	P	JC	121	07/16/15	EM	BM	P	
D1428	7/16/15	P-33/P-505	DX-38	DX	7/16/15	1:45 PM	2x5	P	RA	001	07/16/15	EM	BM	P	
D1429	7/16/15	P-532/P-534	DF-180	DF	7/17/15	3:40 PM	2x7	P	RA	001	07/19/15	EM	BM	P	Covers D1472
D1430	7/16/15	P-41/P-509/P-514	Intersection	INT	7/16/15	10:30 AM	2x2	P	RA	001	07/17/15	EM	BM	P	Covers D1431
D1431	7/16/15	P-41/P-43/P-514	Intersection	INT	Covered by D1430										
D1432	7/16/15	P-43/P-44/P-514/P-515	Intersection	INT	7/16/15	4:35 PM	3x4	P	RA	001	07/17/15	EM	BM	P	
D1433	7/16/15	P-44/P-45/P-515	Intersection	INT	7/16/15	4:27 PM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1434	7/16/15	P-45/P-515/P-519	Intersection	INT	7/16/15	4:26 PM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1435	7/16/15	P-45/P-47/P-519	Intersection	INT	7/16/15	4:20 PM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1436	7/16/15	P-47/P-519/P-520	Intersection	INT	7/16/15	4:18 PM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1437	7/16/15	P-535/P-536	DF-181	DF	7/17/15	9:00 AM	2x5	P	RA	001	07/17/15	EM	BM	P	
D1438	7/16/15	P-47/P-48/P-520	Intersection	INT	7/16/15	4:12 PM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1439	7/16/15	P-48/P-520/P-524	Intersection	INT	7/16/15	4:10 PM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1440	7/16/15	P-48/P-51/P-524	Intersection	INT	7/16/15	4:03 PM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1441	7/16/15	P-51/P-524/P-525	Intersection	INT	7/16/15	4:00 PM	2x4	P	RA	001	07/17/15	EM	BM	P	
D1442	7/16/15	P-51/P-52/P-525	Intersection	INT	7/17/15	4:30 PM	2x3	P	JC	121	07/19/15	EM	BM	P	
D1443	7/16/15	P-52/P-525/P-530	Intersection	INT	7/16/15	6:03 PM	2x2	P	RA	001	07/19/15	EM	BM	P	
D1444	7/16/15	P-537/P-538	DF-182	DF	7/17/15	5:50 PM	2x3	P	RA	001	07/19/15	EM	BM	P	
D1445	7/16/15	P-538/P-543	DF-183	DF	7/17/15	5:45 PM	2x5	P	RA	001	07/19/15	EM	BM	P	
D1446	7/16/15	P-534/P-535	80' W of E EOS	PT	7/18/15	1:54 PM	2x2	P	JC	121	07/19/15	EM	BM	P	
D1447	7/16/15	P-530/P-531	37' W of E EOS	WR	7/17/15	11:25 AM	2x6	P	RA	001	07/19/15	EM	BM	P	
D1448	7/16/15	P-534/P-535	37' W of E EOS	PT	7/17/15	3:15 PM	3x10	P	RA	001	07/19/15	EM	BM	P	
D1449	7/16/15	P-537/P-540/P-545	Intersection	INT	7/18/15	9:15 AM	2x2	P	RA	001	07/19/15	EM	BM	P	
D1450	7/17/15	P-537/P-545	9' W of E EOS	PT	7/18/15	9:17 AM	2x2	P	RA	001	07/19/15	EM	BM	P	
D1451	7/16/15	P-52/P-53/P-530	Intersection	INT	7/16/15	5:56 PM	2x2	P	RA	001	07/20/15	EM	BM	P	
D1452	7/17/15	P-546/P-550	DF-184	DF	7/18/15	11:20 AM	2x5	P	JC	121	07/19/15	EM	BM	P	
D1453	7/17/15	P-537/P-540	DF-185	DF	7/18/15	9:00 AM	2x5	P	RA	001	07/19/15	EM	BM	P	
D1454	7/17/15	P-549/P-551	Anchor Trench	IO	7/17/15	2:40 PM	2x10	P	RA	001	07/19/15	EM	BM	P	
D1455	7/17/15	P-530/P-531	20' E of W EOS	DO	7/17/15	9:30 AM	3x7	P	RA	001	07/17/15	EM	BM	P	
D1456	7/17/15	P-551/P-552	DF-187	DF	7/18/15	12:10 PM	2x5	P	JC	121	07/19/15	EM	BM	P	
D1457	7/17/15	P-520/P-521/P-524	Intersection	INT	7/17/15	11:00 AM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1458	7/17/15	P-524/P-525/P-526	Intersection	INT	7/17/15	10:55 AM	2x3	P	RA	001	07/17/15	EM	BM	P	
D1459	7/17/15	P-525/P-526/P-530	Intersection	INT	7/17/15	10:50 AM	2x3	P	RA	001	07/17/15	EM	BM	P	
D1460	7/17/15	P-524/P-526/P-527	Intersection	INT	7/17/15	4:20 PM	3x8	P	RA	001	07/17/15	EM	BM	P	
D1461	7/17/15	P-526/P-527/P-530	Intersection	INT	7/17/15	4:15 PM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1462	7/17/15	P-527/P-528/P-530	Intersection	INT	7/17/15	1:35 PM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1463	7/17/15	P-524/P-527/P-528	Intersection	INT	7/17/15	1:40 PM	2x3	P	RA	001	07/17/15	EM	BM	P	
D1464	7/17/15	P-543/P-546	DF-186	DF	7/18/15	10:15 AM	2x5	P	JC	121	07/19/15	EM	BM	P	
D1465	7/17/15	P-528/P-529/P-530	Intersection	INT	7/17/15	5:30 PM	2x2	P	RA	001	07/17/15	EM	BM	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D1466	7/17/15	P-533/P-534	Anchor Trench	WR	7/17/15	3:00 PM	2x3	P	RA	001	07/19/15	EM	BM	P	
D1467	7/17/15	P-532/P-533/P-534	Intersection	INT	7/17/15	3:20 PM	2x3	P	RA	001	07/19/15	EM	BM	P	
D1468	7/17/15	P-530/P-532/P-533	Intersection	INT	7/17/15	3:25 PM	3x3	P	RA	001	07/17/15	EM	BM	P	
D1469	7/17/15	P-530/P-531/P-532	Intersection	INT	7/17/15	1:25 PM	2x9	P	RA	001	07/17/15	EM	BM	P	
D1470	7/17/15	P-530/P-532	10' E of W EOS	WR	7/17/15	1:30 PM	2x8	P	RA	001	07/17/15	EM	BM	P	
D1471	7/17/15	P-531/P-532/P-534	Intersection	INT	7/17/15	4:00 PM	2x3	P	RA	001	07/17/15	EM	BM	P	
D1472	7/17/15	P-532/P-534	54' W of E EOS	BO	Covered by D1429										
D1473	7/17/15	P-531/P-534/P-535	Intersection	INT	7/17/15	11:40 AM	2x7	P	RA	001	07/17/15	EM	BM	P	
D1474	7/17/15	P-554/P-555	DF-188	DF	7/18/15	11:45 AM	4x10	P	JC	121	07/19/15	EM	BM	P	Covers D1479
D1475	7/17/15	P-546/P-549/P-550	Intersection	INT	7/18/15	1:42 PM	2x5	P	JC	121	07/19/15	EM	BM	P	
D1476	7/17/15	P-549/P-550/P-551	Intersection	INT	7/18/15	1:30 PM	2x5	P	JC	121	07/19/15	EM	BM	P	
D1477	7/17/15	P-551/P-552/P-553	Intersection	INT	7/18/15	12:00 PM	2x4	P	JC	121	07/19/15	EM	BM	P	
D1478	7/17/15	P-552/P-553/P-554	Intersection	INT	7/18/15	11:50 AM	3x3	P	JC	121	07/19/15	EM	BM	P	
D1479	7/17/15	P-553/P-554/P-555	Intersection	INT	Covered by D1474										
D1480	7/17/15	P-550/P-551/P-553	Intersection	INT	7/18/15	11:15 AM	2x4	P	JC	121	07/19/15	EM	BM	P	Covers D1488, D1493
D1481	7/17/15	P-543/P-546/P-547	Intersection	INT	7/18/15	10:10 AM	2x6	P	JC	121	07/19/15	EM	BM	P	
D1482	7/17/15	P-546/P-547/P-550	Intersection	INT	7/18/15	10:25 AM	2x3	P	JC	121	07/19/15	EM	BM	P	
D1483	7/17/15	P-543/P-544/P-547	Intersection	INT	7/18/15	10:00 AM	2x4	P	JC	121	07/19/15	EM	BM	P	
D1484	7/17/15	P-541/P-544/P-547	Intersection	INT	7/18/15	9:40 AM	2x3	P	JC	121	07/19/15	EM	BM	P	
D1485	7/17/15	P-541/P-547/P-548	Intersection	INT	7/18/15	10:43 AM	3x3	P	JC	121	07/19/15	EM	BM	P	
D1486	7/17/15	P-541/P-542/P-548	Intersection	INT	7/18/15	9:35 AM	2x2	P	JC	121	07/19/15	EM	BM	P	
D1487	7/17/15	P-547/P-548/P-550	Intersection	INT	7/18/15	9:25 AM	2x2	P	JC	121					
D1488	7/17/15	P-541/P-542/P-545	Intersection	INT	Covered by D1489										
D1489	7/17/15	P-542/P-545	E EOS to W EOS	FS	7/18/15	8:45 AM	2x4	C	JC	121	07/19/15	EM	BM	P	
D1490	7/17/15	P-519/P-520/P-521	Intersection	INT	7/17/15	2:40 PM	2x2	P	RA	001	07/17/15	EM	BM	P	
D1491	7/17/15	P-553/P-555	157' W of E EOS	PT	7/18/15	3:40 PM	2x3	P	JC	121	07/19/15	EM	BM	P	
D1492	7/17/15	P-543/P-546	Anchor Trench	WR	7/17/15	6:00 PM	3x4	P	RA	001	07/19/15	EM	BM	P	
D1493	7/17/15	P-60/P-542/P-545	Intersection	INT	Covered by D1488										
D1494	7/17/15	P-541/P-544/P-545	Intersection	INT	7/18/15	8:15 AM	2x3	P	RA	001	07/19/15	EM	BM	P	
D1495	7/17/15	P-544/P-545	E EOS to W EOS	FS	7/18/15	9:43 AM	2x10	C	RA	001	07/18/15	EM	BM	P	Covers D1496
D1496	7/17/15	P-543/P-544/P-545	Intersection	INT	Covered by D1495										
D1497	7/17/15	P-537/P-538/P-545	Intersection	INT	7/18/15	9:22 AM	2x3	P	RA	001	07/19/15	EM	BM	P	
D1498	7/17/15	P-536/P-537/P-540	Intersection	INT	7/18/15	9:03 AM	2x4	P	RA	001	07/19/15	EM	BM	P	
D1499	7/17/15	P-536/P-539/P-540	Intersection	INT	7/18/15	9:05 AM	2x2	P	RA	001	07/19/15	EM	BM	P	
D1500	7/17/15	P-52/P-53/P-530	Intersection	INT	7/17/15	5:56 PM	2x2	P	RA	001	07/19/15	EM	BM	P	
D1501	7/17/15	P-53/P-530/P-531/P-535	Intersection	INT	7/17/15	4:55 PM	5x6	P	RA	001	07/19/15	EM	BM	P	
D1502	7/17/15	P-53/P-55/P-535	Intersection	INT	7/17/15	5:12 PM	2x2	P	RA	001	07/19/15	EM	BM	P	
D1503	7/17/15	P-55/P-535/P-539	Intersection	INT	Covered by D1533										
D1504	7/17/15	P-55/P-57/P-539	Intersection	INT	7/17/15	5:44 PM	2x2	P	RA	001	07/19/15	EM	BM	P	
D1505	7/17/15	P-57/P-539/P-540	Intersection	INT	7/17/15	5:35 PM	2x2	P	RA	001	07/20/15	EM	BM	P	
D1506	7/17/15	P-57/P-59/P-540	Intersection	INT	7/17/15	5:40 PM	2x2	P	RA	001	07/20/15	EM	BM	P	
D1507	7/17/15	P-59/P-540/P-545	Intersection	INT	7/17/15	5:50 PM	2x2	P	RA	001	07/20/15	EM	BM	P	
D1508	7/17/15	P-59/P-60/P-545	Intersection	INT	7/18/15	8:50 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1509	7/17/15	P-60/P-62/P-542	Intersection	INT	7/18/15	8:40 AM	2x3	P	JC	121	07/20/15	EM	BM	P	
D1510	7/17/15	P-62/P-542/P-548	Intersection	INT	7/18/15	8:30 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1511	7/17/15	P-62/P-63/P-548	Intersection	INT	7/18/15	8:25 AM	2x2	P	JC	121	07/20/15	EM	BM	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1512	7/17/15	P-63/P-548/P-550	Intersection	INT	7/18/15	8:20 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1513	7/17/15	P-63/P-550/P-553	Intersection	INT	7/18/15	8:19 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1514	7/17/15	P-63/P-65/P-553	Intersection	INT	7/18/15	8:10 AM	2x2	P	JC	121	07/19/15	EM	BM	P	
D1515	7/17/15	P-65/P-553/P-555	Intersection	INT	7/18/15	8:07 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1516	7/17/15	P-65/P-66/P-555	Intersection	INT	7/18/15	8:05 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1517	7/18/15	P-66/P-555/P-557	Intersection	INT	7/19/15	1:00 PM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1518	7/18/15	P-555/P-556	DF-193	DF	7/19/15	2:45 PM	2x5	P	JC	121	07/19/15	EM	BM	P	
D1519	7/18/15	P-555/P-556/P-557	Intersection	INT	7/20/15	9:25 AM	2x5	P	RA	001	07/20/15	EM	BM	P	
D1520	7/18/15	P-53/P-535	DX-39	DX	7/18/15	10:35 AM	2x5	P	RA	001	07/19/15	EM	BM	P	
D1521	7/18/15	P-57/P-540	DX-40	DX	7/18/15	10:10 AM	2x5	P	RA	001	07/20/15	EM	BM	P	
D1522	7/18/15	P-556/P-558	DF-189	DF	7/20/15	10:02 AM	2x5	P	RA	001	07/20/15	EM	BM	P	
D1523	7/18/15	P-558/P-560	DF-190	DF	7/18/15	3:30 PM	2x5	P	JC	121	07/19/15	EM	BM	P	
D1524	7/18/15	P-543/P-545	E EOS to W EOS	FS	7/18/15	9:35 AM	2x11	C	RA	001	07/19/15	EM	BM	P	Covers D1525
D1525	7/18/15	P-538/P-543/P-545	Intersection	INT	Covered by D1524										
D1526	7/18/15	P-556/P-558	251' W of E EOS	BO	7/20/15	10:25 AM	2x5	P	AR	125	07/20/15	GA	BM	P	
D1527	7/17/15	P-524/P-528/P-529	Intersection	INT	7/17/15	1:45 PM	2x4	P	RA	001	07/19/15	EM	BM	P	
D1528	7/18/15	P-569/P-572	DF-195	DF	7/20/15	9:05 AM	2x5	P	AR	125	07/20/15	EM	BM	P	
D1529	7/18/15	P-557/P-558	E EOS to W EOS	FS	7/20/15	9:48 AM	2x7	C	RA	001	07/20/15	EM	BM	P	Covers D1543, D1544
D1530	7/18/15	P-562/P-566	DF-191	DF	7/18/15	3:45 PM	2x5	P	JC	121	07/19/15	EM	BM	P	
D1531	7/18/15	P-567/P-568	DF-192	DF	7/20/15	9:00 AM	2x5	P	AR	125	07/20/15	EM	BM	P	
D1532	7/18/15	P-566/P-568	182' W of E EOS	BO	7/18/15	3:25 PM	2x4	P	JC	121	07/19/15	EM	BM	P	
D1533	7/18/15	P-535/P-539	E EOS to W EOS	FS	7/18/15	5:05 PM	5x5	C	JC	121	07/19/15	EM	BM	P	Covers D1503, D1536
D1534	7/18/15	P-568/P-569	277' W of E EOS	WR	7/18/15	4:10 PM	2x4	P	JC	121	07/19/15	EM	BM	P	
D1535	7/18/15	P-568/P-569	DF-194	DF	7/18/15	5:20 PM	2x5	P	JC	121	07/19/15	EM	BM	P	
D1536	7/18/15	P-535/P-536/P-539	Intersection	INT	Covered by D1533										
D1537	7/18/15	P-531	80' W of E EOS & 2' S	DO	7/18/15	1:52 PM	2x2	P	JC	121	07/19/15	EM	BM	P	
D1538	7/18/15	P-531	75' W of E EOS & 2' S	DO	7/18/15	1:50 PM	2x2	P	JC	121	07/19/15	EM	BM	P	
D1539	7/18/15	P-574/P-575	DF-197	DF	7/20/15	9:10 AM	2x5	P	AR	125	07/20/15	EM	BM	P	
D1540	7/18/15	P-554/P-555	Anchor Trench	WR	7/18/15	1:35 PM	2x3	P	JC	121	07/19/15	EM	BM	P	
D1541	7/18/15	P-554/P-555/P-556	Intersection	INT	7/18/15	2:50 PM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1542	7/18/15	P-68/P-557/P-559	Intersection	INT	7/19/15	11:55 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1543	7/18/15	P-557/P-558/P-559	Intersection	INT	Covered by D1529										
D1544	7/18/15	P-556/P-557/P-558	Intersection	INT	Covered by D1529										
D1545	7/18/15	P-68/P-70/P-559	Intersection	INT	7/19/15	11:50 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1546	7/18/15	P-70/P-559/P-561	Intersection	INT	7/19/15	11:45 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1547	7/18/15	P-559/P-560/P-561	Intersection	INT	7/20/15	10:16 AM	2x4	P	RA	001	07/20/15	EM	BM	P	
D1548	7/18/15	P-558/P-559/P-560	Intersection	INT	7/20/15	10:05 AM	2x4	P	RA	001	07/20/15	EM	BM	P	
D1549	7/18/15	P-560/P-561/P-562	Intersection	INT	7/20/15	10:21 AM	2x2	P	RA	001	07/20/15	EM	BM	P	
D1550	7/18/15	P-71/P-561/P-562/P-571	Intersection	INT	7/19/15	11:35 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1551	7/18/15	P-70/P-71/P-561	Intersection	INT	7/19/15	11:40 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1552	7/18/15	P-73/P-563/P-571	Intersection	INT	Covered by D1554										
D1553	7/18/15	P-562/P-563/P-571	Intersection	INT	Covered by D1554										
D1554	7/18/15	P-562/P-563	E EOS to W EOS	FS	7/19/15	11:25 AM	2x10	C	JC	121	07/20/15	EM	BM	P	Covers D1552, D1553, D1555, D1704, D1703
D1555	7/18/15	P-562/P-563/P-564	Intersection	INT	Covered by D1554										
D1556	7/18/15	P-562/P-564/P-565	Intersection	INT	7/20/15	10:29 AM	2x3	P	RA	001	07/20/15	EM	BM	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1557	7/18/15	P-562/P-565/P-566	Intersection	INT	7/20/15	10:45 AM	2x2	P	RA	001	07/20/15	EM	BM	P	
D1558	7/18/15	P-565/P-566/P-568	Intersection	INT	7/20/15	11:00 AM	2x2	P	RA	001	07/20/15	EM	BM	P	
D1559	7/18/15	P-564/P-565/P-568	Intersection	INT	7/20/15	11:05 AM	2x3	P	RA	001	07/20/15	EM	BM	P	
D1560	7/18/15	P-563/P-564/P-568	Intersection	INT	7/20/15	11:08 AM	2x2	P	RA	001	07/20/15	EM	BM	P	
D1561	7/18/15	P-563/P-568/P-570	Intersection	INT	Covered by D1562										
D1562	7/18/15	P-563/P-570	E EOS to W EOS	FS	7/19/15	11:15 AM	2x7	C	JC	121	07/20/15	EM	BM	P	Covers D1561, D1585
D1563	7/18/15	P-73/P-74/P-563	Intersection	INT	7/19/15	11:20 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1564	7/18/15	P-74/P-75/P-570	Intersection	INT	7/19/15	11:10 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1565	7/18/15	P-75/P-569/P-570	Intersection	INT	7/19/15	11:05 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1566	7/18/15	P-568/P-569/P-570	Intersection	INT	7/20/15	10:15 AM	2x2	P	RA	001	07/20/15	EM	BM	P	
D1567	7/18/15	P-75/P-78/P-569	Intersection	INT	7/19/15	11:00 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1568	7/18/15	P-575/P-576	DF-198	DF	7/20/15	11:30 AM	2x5	P	RA	001	07/20/15	EM	BM	P	
D1569	7/18/15	P-78/P-569/P-572	Intersection	INT	Covered by D1596										
D1570	7/18/15	P-78/P-79/P-572	Intersection	INT	7/19/15	10:45 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1571	7/18/15	P-79/P-572/P-573	Intersection	INT	7/19/15	10:40 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1572	7/18/15	P-79/P-81/P-573	Intersection	INT	7/19/15	10:35 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1573	7/18/15	P-81/P-573/P-574	Intersection	INT	7/19/15	10:28 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1574	7/18/15	P-81/P-82/P-574	Intersection	INT	7/19/15	10:25 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1575	7/18/15	P-82/P-574/P-575	Intersection	INT	7/19/15	10:20 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1576	7/18/15	P-82/P-84/P-575	Intersection	INT	7/19/15	10:15 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1577	7/18/15	P-84/P-575/P-576	Intersection	INT	7/19/15	10:08 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1578	7/18/15	P-84/P-86/P-576	Intersection	INT	7/19/15	10:05 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1579	7/18/15	P-86/P-576/P-577	Intersection	INT	7/19/15	9:58 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1580	7/18/15	P-86/P-87/P-577	Intersection	INT	7/19/15	9:55 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1581	7/18/15	P-87/P-577/P-578	Intersection	INT	7/19/15	9:50 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1582	7/18/15	P-87/P-89/P-578	Intersection	INT	7/19/15	9:45 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1583	7/18/15	P-566/P-567/P-568	Intersection	INT	7/18/15	3:20 PM	2x5	P	JC	121	07/19/15	EM	BM	P	
D1584	7/18/15	P-562/P-566/P-567	Intersection	INT	7/18/15	3:00 PM	2x4	P	JC	121	07/19/15	EM	BM	P	
D1585	7/18/15	P-74/P-563/P-570	Intersection	INT	Covered by D1562										
D1586	7/19/15	P-71/P-73/P-571	Intersection	INT	7/19/15	11:30 AM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1587	7/19/15	P-577/P-578	DF-199	DF	7/20/15	10:25 AM	2x5	P	AR	125	07/20/15	GA	GA	P	
D1588	7/19/15	P-580/P-582	100' W of E EOS	BO	7/20/15	10:00 AM	2x4	P	AR	121	07/20/15	GA	GA	P	
D1589	7/19/15	P-578/P-579	Anchor Trench	WR	7/20/15	10:15 AM	2x5	P	AR	121	07/20/15	EM	BM	P	
D1590	7/19/15	P-578/P-579	DF-200	DF	7/20/15	9:25 AM	2x5	P	AR	121	07/20/15	EM	BM	P	
D1591	7/19/15	P-580/P-582	DF-204	DF	7/20/15	10:10 AM	2x5	P	AR	121	07/20/15	GA	BM	P	
D1592	7/20/15	P-579/P-580	DF-201	DF	7/20/15	10:45 AM	2x5	P	AR	121	07/20/15	GA	BM	P	
D1593	7/20/15	P-582/P-587	DF-203	DF	7/20/15	9:02 AM	2x5	P	JC	121	07/20/15	GA	BM	P	
D1594	7/19/15	P-66/P-557	DX-41	DX	7/20/15	9:38 AM	2x5	P	RA	001	07/20/15	EM	BM	P	
D1595	7/19/15	P-66/P-68/P-557	Intersection	INT	7/19/15	12:00 PM	2x2	P	JC	121	07/20/15	EM	BM	P	
D1596	7/19/15	P-78/P-569	N EOS to 10' S	IO	7/19/15	10:55 AM	3x10	P	JC	121	07/20/15	EM	BM	P	Covers D1569
D1597	7/20/15	P-89/P-579	DX-42	DX	7/20/15	11:15 AM	2x5	P	RA	001	07/20/15	EM	BM	P	Covers D1705
D1598	7/20/15	P-568	3' S of N EOS & 2' E	DO	7/20/15	11:12 AM	2x2	P	RA	001	07/20/15	EM	BM	P	
D1599	7/20/15	P-89/P-90/P-579	Intersection	INT	7/20/15	9:20 AM	2x2	P	JC	121	07/20/15	GA	KS	P	
D1600	7/20/15	P-90/P-579/P-580	Intersection	INT	Covered by D1601										
D1601	7/20/15	P-90/P-580	N EOS to S EOS	FS	7/20/15	9:20 AM	2x6	C	JC	121	07/20/15	GA	KS	P	Covers D1600, D1602
D1602	7/20/15	P-90/P-580/P-581	Intersection	INT	Covered by D1601										

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1603	7/20/15	P-90/P-93/P-581	Intersection	INT	7/20/15	9:15 AM	2x2	P	JC	121	07/20/15	GA	KS	P	
D1604	7/20/15	P-93/P-581/P-582	Intersection	INT	Covered by D1607										
D1605	7/20/15	P-581/P-582	E EOS to W EOS	FS	7/20/15	9:12 AM	2x5	C	JC	121	07/20/15	GA	KS	P	Covers D1606
D1606	7/20/15	P-580/P-581/P-582	Intersection	INT	Covered by D1605										
D1607	7/20/15	P-93/P-582/P-587	Intersection	INT	7/20/15	9:07 AM	2x4	P	JC	121	07/20/15	GA	KS	P	Covers D1604
D1608	7/20/15	P-93/P-94/P-587	Intersection	INT	7/20/15	9:05 AM	2x2	P	JC	121	07/20/15	GA	KS	P	
D1609	7/20/15	P-94/P-584/P-587	Intersection	INT	Covered by D1610										
D1610	7/20/15	P-584/P-587	E EOS to W EOS		7/20/15	9:00 AM	2x5	P	JC	121	07/20/15	GA	KS	P	Covers D1609
D1611	7/20/15	P-582/P-584/P-587	Intersection	INT	Covered by D1618										
D1612	7/20/15	P-582/P-583/P-584	Intersection	INT	Covered by D1618										
D1613	7/20/15	P-94/P-96/P-584	Intersection	INT	7/20/15	8:55 AM	2x3	P	JC	121	07/20/15	GA	KS	P	
D1614	7/20/15	P-96/P-584/P-586	Intersection	INT	7/20/15	8:50 AM	2x2	P	JC	121	07/20/15	GA	KS	P	
D1615	7/20/15	P-96/P-98/P-586	Intersection	INT	7/20/15	8:45 AM	2x2	P	JC	121	07/20/15	GA	KS	P	
D1616	7/20/15	P-583/P-584/P-586	Intersection	INT	7/20/15	10:25 AM	2x3	P	JC	121	07/20/15	GA	KS	P	
D1617	7/20/15	P-583/P-585/P-586	Intersection	INT	7/20/15	10:20 AM	2x3	P	JC	121	07/20/15	GA	KS	P	
D1618	7/20/15	P-582/P-584	E EOS to W EOS		7/20/15	9:01 AM	2x5	P	JC	121	07/20/15	GA	KS	P	Covers D1611, D1612
D1619	7/19/15	P-583/P-585	DF-202	DF	7/20/15	11:00 AM	2x5	P	AR	125	07/20/15	GA	KS	P	
D1620	7/21/15	P-480/P-588	DF-205	DF	7/21/15	1:40 PM	3x9	P	JC	121	07/21/15	RR	BM	P	Covers D1623
D1621	7/21/15	P-588/P-589	DF-206	DF	7/21/15	1:50 PM	3x5	P	JC	121	07/21/15	RR	BM	P	
D1622	7/21/15	P-480/P-588	Anchor Trench	PT	7/21/15	2:10 PM	2x2	P	JC	121	07/21/15	RR	BM	P	
D1623	7/21/15	P-480/P-588	Anchor Trench	WR	Covered by D1620										
D1624	7/21/15	P-480/P-588	93' S of N EOS	PT	7/21/15	1:55 PM	2x2	P	JC	121	07/21/15	RR	BM	P	
D1625	7/21/15	P-480/P-588	109' S of N EOS	PT	7/21/15	2:05 PM	2x5	P	JC	121	07/21/15	RR	BM	P	
D1626	7/21/15	P-594/P-595	34' S of N EOS	BO	7/21/15	2:50 PM	2x2	P	JC	121	07/21/15	RR	BM	P	
D1627	7/21/15	P-593/P-594/P-595	Intersection	INT	7/21/15	2:40 PM	2x10	P	JC	121	07/21/15	RR	BM	P	
D1628	7/21/15	P-597/P-598	DF-207	DF	7/21/15	3:00 PM	2x5	P	JC	121	07/21/15	RR	BM	P	
D1629	7/21/15	P-601/P-602	DF-208	DF	7/21/15	3:15 PM	2x5	P	JC	121	07/21/15	RR	BM	P	
D1630	7/22/15	P-604/P-605	DF-209	DF	7/22/15	4:15 PM	2x6	P	JC	121	07/24/15	EM	KS	P	Covers D1642
D1631	7/22/15	P-585/P-603	Anchor Trench	WR	7/22/15	3:35 PM	2x4	P	JC	121	07/24/15	EM	KS	P	
D1632	7/22/15	P-604/P-607	DF-210	DF	7/22/15	2:15 PM	2x5	P	JC	121	07/24/15	EM	KS	P	
D1633	7/22/15	P-605/P-606/P-609	Intersection	INT	7/22/15	2:40 PM	2x2	P	JC	121	07/24/15	EM	KS	P	
D1634	7/22/15	P-604/P-605/P-609	Intersection	INT	7/22/15	2:35 PM	2x4	P	JC	121	07/24/15	EM	KS	P	
D1635	7/22/15	P-603/P-604/P-607	Intersection	INT	7/22/15	2:10 PM	2x2	P	JC	121	07/24/15	EM	KS	P	
D1636	7/22/15	P-585/P-603/P-607	Intersection	INT	7/22/15	2:05 PM	2x4	P	JC	121	07/24/15	EM	KS	P	
D1637	7/22/15	P-604/P-608/P-609	Intersection	INT	7/22/15	2:25 PM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1638	7/22/15	P-604/P-607/P-608	Intersection	INT	7/22/15	2:20 PM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1639	7/22/15	P-585/P-586/P-607	Intersection	INT	7/22/15	2:30 PM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1640	7/22/15	P-605/P-606	DF-211	DF	7/22/15	5:00 PM	2x5	P	JC	121	07/24/15	EM	KS	P	
D1641	7/22/15	P-604/P-605	135' W of E EOS	PT	7/22/15	4:30 PM	2x3	P	JC	121				F	
D1642	7/22/15	P-604/P-605	85' W OF E EOS	PT	Covered by D1630										
D1643	7/22/15	P-604/P-605	Anchor Trench	PT	7/22/15	4:00 PM	2x10	P	JC	121	07/24/15	EM	KS	P	
D1644	7/22/15	P-610/P-612	DF-212	DF	7/22/15	6:25 PM	2x5	P	JC	121	07/23/15	EM	KS	P	
D1645	7/22/15	P-606/P-610/P-611	Intersection	INT	7/22/15	5:55 PM	2x4	P	JC	121	07/24/15	EM	KS	P	
D1646	7/22/15	P-606/P-609/P-611	Intersection	INT	7/22/15	6:00 PM	2x4	P	JC	121	07/26/15	EM	KS	P	
D1647	7/22/15	P-613/P-614	DF-213	DF	7/22/15	5:25 PM	2x5	P	JC	121	07/23/15	EM	KS	P	
D1648	7/22/15	P-610/P-612/P-613	Intersection	INT	7/22/15	5:05 PM	2x4	P	JC	121	07/23/15	EM	KS	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D1649	7/22/15	P-612/P-613/P-614	Intersection	INT	7/22/15	5:20 PM	2x4	P	JC	121	07/23/15	GA	KS	P	
D1650	7/22/15	P-613/P-614/P-615	Intersection	INT	7/22/15	6:05 PM	2x4	P	JC	121	07/23/15	EM	BM	P	
D1651	7/22/15	P-614/P-616/P-617	Intersection	INT	Covered by D1667										
D1652	7/22/15	P-612/P-614/P-617	Intersection	INT	7/23/15	1:08 PM	3x5	P	RA	001	07/23/15	GA	KS	P	
D1653	7/22/15	P-612/P-617/P-618	Intersection	INT	7/23/15	1:20 PM	3x4	P	RA	001	07/23/15	EM	KS	P	
D1654	7/22/15	P-612/P-618/P-620	Intersection	INT	7/23/15	1:52 PM	2x4	P	RA	001	07/23/15	EM	KS	P	
D1655	7/22/15	P-618/P-619/P-620	Intersection	INT	7/23/15	1:47 PM	2x3	P	RA	001	07/23/15	EM	KS	P	
D1656	7/22/15	P-617/P-618/P-619	Intersection	INT	7/23/15	1:35 PM	2x3	P	RA	001	07/23/15	EM	KS	P	
D1657	7/22/15	P-616/P-617	35' E of W EOS	BO	7/23/15	1:27 PM	2x4	P	RA	001	07/24/15	EM	KS	P	
D1658	7/22/15	P-606/P-610/P-621/P-622/P-623	Intersection	INT	7/23/15	2:46 PM	3x6	P	RA	001	07/23/15	EM	KS	P	
D1659	7/22/15	P-620/P-621/P-622	Intersection	INT	7/23/15	2:42 PM	2x2	P	RA	001	07/23/15	EM	KS	P	
D1660	7/22/15	P-610/P-620/P-621	Intersection	INT	7/23/15	2:15 PM	2x2	P	RA	001	07/23/15	EM	KS	P	
D1661	7/22/15	P-610/P-612/P-620	Intersection	INT	7/23/15	2:05 PM	2x7	P	RA	001	07/23/15	EM	KS	P	
D1662	7/22/15	P-623/P-624	DF-214	DF	7/23/15	3:05 PM	2x5	P	RA	001	07/24/15	EM	KS	P	
D1663	7/22/15	P-623/P-624/P-625	Intersection	INT	7/23/15	3:07 PM	2x3	P	RA	001	07/24/15	EM	KS	P	
D1664	7/22/15	P-606/P-624/P-625/P-626	Intersection	INT	Covered by D1665										
D1665	7/22/15	P-606/P-624	DF-215	DF	7/23/15	3:25 PM	2x10	P	RA	001	07/24/15	EM	KS	P	Covers D1664
D1666	7/22/15	P-610/P-620/P-621	12' N of S EOS	IO	7/23/15	2:11 PM	2x11	P	RA	001	07/23/15	EM	KS	P	
D1667	7/22/15	P-614/P-616	5' N of S EOS	PT	7/23/15	1:05 PM	2x7	P	RA	001	07/23/15	EM	KS	P	Covers D1651
D1668	7/22/15	P-610	12' W of E EOS & 4' S	DO	7/23/15	5:30 PM	2x2	P	JC	001	07/24/15	EM	KS	P	
D1669	7/23/15	P-614/P-615/P-630	Intersection	INT	Covered by D1677										
D1670	7/23/15	P-614/P-628/P-630	Intersection	INT	7/23/15	2:05 PM	3x4	P	JC	121	07/24/15	EM	KS	P	
D1671	7/23/15	P-614/P-627/P-628/P-629	Intersection	INT	7/23/15	2:35 PM	3x4	P	JC	121	07/23/15	EM	KS	P	
D1672	7/23/15	P-628/P-629/P-630	Intersection	INT	7/23/15	2:25 PM	2x4	P	JC	121	07/23/15	EM	KS	P	
D1673	7/23/15	P-629/P-630/P-631	Intersection	INT	7/23/15	2:40 PM	2x3	P	JC	121	07/23/15	EM	KS	P	
D1674	7/23/15	P-614/P-616/P-627	Intersection	INT	7/23/15	1:00 PM	3x5	P	RA	001	07/23/15	EM	KS	P	
D1675	7/23/15	P-627/P-629	DF-216	DF	7/23/15	3:10 PM	2x5	P	RA	001	07/23/15	EM	KS	P	
D1676	7/23/15	P-629/P-632	DF-217	DF	7/23/15	3:45 PM	2x5	P	JC	121	07/23/15	EM	KS	P	
D1677	7/23/15	P-615/P-630	25' E of W EOS	PT	7/23/15	1:50 PM	2x10	P	JC	121	07/23/15	EM	KS	P	Covers D1669
D1678	7/23/15	P-633/P-635	DF-218	DF	7/23/15	2:55 PM	2x5	P	JC	121	07/23/15	EM	KS	P	
D1679	7/23/15	P-631/P-632/P-633	Intersection	INT	7/23/15	3:25 PM	3x4	P	JC	121	07/23/15	EM	KS	P	
D1680	7/23/15	P-629/P-631/P-632	Intersection	INT	7/23/15	3:20 PM	2x4	P	JC	121	07/23/15	EM	KS	P	
D1681	7/23/15	P-630/P-631/P-633	Intersection	INT	7/23/15	2:45 PM	2x3	P	JC	121	07/23/15	EM	KS	P	
D1682	7/23/15	P-633/P-634/P-635	Intersection	INT	7/23/15	2:00 PM	2x5	P	JC	121	07/23/15	EM	KS	P	
D1683	7/23/15	P-113/P-114/P-634	Intersection	INT	7/23/15	12:45 PM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1684	7/23/15	P-113/P-633/P-634	Intersection	INT	7/23/15	12:48 PM	2x4	P	JC	121	07/23/15	EM	KS	P	
D1685	7/23/15	P-112/P-113/P-633	Intersection	INT	7/23/15	2:50 PM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1686	7/23/15	P-112/P-630/P-633	Intersection	INT	7/23/15	12:54 PM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1687	7/23/15	P-109/P-112/P-630	Intersection	INT	7/23/15	12:55 PM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1688	7/23/15	P-109/P-615/P-630	Intersection	INT	7/23/15	1:00 PM	2x3	P	JC	121	07/23/15	EM	KS	P	
D1689	7/23/15	P-108/P-109/P-615	Intersection	INT	7/23/15	11:35 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1690	7/23/15	P-108/P-613/P-615	Intersection	INT	7/23/15	12:20 PM	2x4	P	JC	121	07/23/15	EM	KS	P	
D1691	7/23/15	P-106/P-108/P-613	Intersection	INT	7/23/15	9:45 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1692	7/23/15	P-106/P-610/P-613	Intersection	INT	7/23/15	9:50 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1693	7/23/15	P-105/P-106/P-610	Intersection	INT	7/23/15	9:55 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1694	7/23/15	P-105/P-610/P-611	Intersection	INT	7/23/15	10:00 AM	2x2	P	JC	121	07/23/15	EM	KS	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D1695	7/23/15	P-103/P-105/P-611	Intersection	INT	7/23/15	10:05 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1696	7/23/15	P-103/P-609/P-611	Intersection	INT	7/23/15	10:10 AM	2x5	P	JC	121	07/23/15	EM	KS	P	
D1697	7/23/15	P-102/P-103/P-609	Intersection	INT	7/23/15	10:15 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1698	7/23/15	P-102/P-608/P-609	Intersection	INT	7/23/15	10:18 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1699	7/23/15	P-99/P-102/P-608	Intersection	INT	7/23/15	10:25 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1700	7/23/15	P-99/P-607/P-608	Intersection	INT	7/23/15	10:30 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1701	7/23/15	P-98/P-99/P-607	Intersection	INT	7/23/15	10:35 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1702	7/23/15	P-98/P-586/P-607	Intersection	INT	7/23/15	10:40 AM	2x2	P	JC	121	07/23/15	EM	KS	P	
D1703	7/23/15	P-562/P-563/P-571	Intersection	INT	Covered by D1554										
D1704	7/23/15	P-563/P-571	E EOS to W EOS	FS	Covered by D1554										
D1705	7/23/15	P-89/P-578/P-579	Intersection	INT	Covered by D1597										
D1706	7/23/15	P-112/P-633	DX-43	DX	7/23/15	4:10 PM	2x4	P	JC	121	07/24/15	EM	JR	P	
D1707	7/23/15	P-606/P-623/P-624	Intersection	INT	7/23/15	2:55 PM	2x4	P	JC	121	07/24/15	EM	KS	P	
D1708	7/24/15	P-114/P-636	114' W of E EOS	WR	7/25/15	9:50 AM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1709	7/24/15	P-114/P-636	DF-219	DF	7/25/15	9:45 AM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1710	7/24/15	P-636/P-637	DF-220	DF	7/24/15	1:20 PM	2x5	P	JC	121	07/24/15	EM	BM	P	
D1711	7/24/15	P-209/P-210/P-636	Intersection	INT	7/24/15	2:00 PM	4x4	P	JC	121	07/24/15	EM	BM	P	
D1712	7/24/15	P-114/P-29/P-636	Intersection	INT	7/24/15	2:10 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1713	7/24/15	P-637/P-638	Anchor Trench	BO	7/25/15	11:40 AM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1714	7/23/15	P-633/P-634	20' E of W EOS	PT	7/23/15	2:09 PM	2x3	P	JC	121	07/23/15	EM	BM	P	
D1715	7/24/15	P-209/P-636	174' W of E EOS	PT	7/24/15	2:05 PM	3x4	P	JC	121	07/24/15	EM	BM	P	
D1716	7/24/15	P-637/P-638	286' W of E EOS	BO	7/24/15	1:50 PM	3x3	P	JC	121	07/24/15	EM	BM	P	
D1717	7/24/15	P-638/P-639	DF-221	DF	7/24/15	10:20 AM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1718	7/24/15	P-638/P-639	256' W of E EOS	W	7/24/15	3:35 PM	2x7	P	JC	121	07/24/15	EM	BM	P	
D1719	7/24/15	P-348*/P-349*/P-640	Intersection	INT	7/24/15	3:06 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1720	7/24/15	P-348*/P-639/P-640	Intersection	INT	7/24/15	3:07 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1721	7/24/15	P-639/P-640	DF-222	DF	7/24/15	10:40 AM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1722	7/24/15	P-345/P-348/P-639	Intersection	INT	7/24/15	3:17 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1723	7/24/15	P-345*/P-638/P-639	Intersection	INT	7/24/15	3:20 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1724	7/24/15	P-343*/P-345/P-638	Intersection	INT	7/24/15	1:09 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1725	7/24/15	P-343*/P-637/P-638	Intersection	INT	7/24/15	1:10 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1726	7/24/15	P-341*/P-343*/P-637	Intersection	INT	7/24/15	11:17 AM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1727	7/24/15	P-341*/P-636/P-637	Intersection	INT	7/24/15	11:19 AM	4x7	P	JC	121	07/24/15	EM	BM	P	
D1728	7/24/15	P-212*/P-213*/P-636	Intersection	INT	7/24/15	12:00 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1729	7/24/15	P-210*/P-212*/P-636	Intersection	INT	Covered by D1730										
D1730	7/24/15	P-210/P-636	5' E of W EOS	PT	7/24/15	1:55 PM	2x7	P	JC	121	07/24/15	EM	BM	P	Covers D1729
D1731	7/24/15	P-640/P-641	224' W of E EOS	WR	7/25/15	11:00 AM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1732	7/24/15	P-213*/P-341*/P-636	Intersection	INT	7/25/15	11:30 AM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1733	7/24/15	P-640/P-641	DF-223	DF	7/25/15	11:05 AM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1734	7/24/15	P-352*/P-411/P-643	Intersection	INT	Covered by D1735										
D1735	7/24/15	P-411/P-643	E EOS to W EOS	FS	7/24/15	4:35 PM	2x10	C	JC	121	07/24/15	EM	BM	P	Covers D1734, D1736
D1736	7/24/15	P-411/P-642/P-643	Intersection	INT	Covered by D1735										
D1737	7/24/15	P-641/P-644	DF-224	DF	7/24/15	5:00 PM	2x8	P	JC	121	07/24/15	EM	BM	P	Covers D1743
D1738	7/24/15	P-349*/P-640/P-641	Intersection	INT	7/24/15	4:08 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1739	7/24/15	P-349*/P-351*/P-641	Intersection	INT	7/24/15	4:06 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1740	7/24/15	P-351*/P-641/P-643	Intersection	INT	7/24/15	4:19 PM	2x2	P	JC	121	07/24/15	EM	BM	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D1741	7/24/15	P-351*/P-352*/P-643	Intersection	INT	7/24/15	4:17 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1742	7/24/15	P-641/P-642/P-643	Intersection	INT	7/24/15	4:43 PM	3x3	P	JC	121	07/24/15	EM	BM	P	
D1743	7/24/15	P-641/P-642/P-644	Intersection	INT	Covered by D1737										
D1744	7/24/15	P-411/P-642/P-644	Intersection	INT	7/24/15	4:48 PM	2x2	P	JC	121	07/24/15	EM	BM	P	
D1745	7/24/15	P-642/P-644	DX-44	DX	7/25/15	7:50 AM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1746	7/24/15	P-644/P-645	DF-225	DF	7/25/15	12:20 PM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1747	7/24/15	P-411/P-644/P-645	Intersection	INT	7/25/15	7:25 AM	2x4	P	JC	121	07/25/15	EM	BM	P	
D1748	7/24/15	P-410/P-411/P-645	Intersection	INT	7/24/15	5:00 PM	2x2	P	JC	121	07/25/15	EM	BM	P	
D1749	7/25/15	P-411/P-644	11' S of N EOS	W	7/25/15	7:53 AM	2x6	P	JC	121	07/25/15	EM	BM	P	
D1750	7/25/15	P-411/P-645	DX-45	DX	7/25/15	12:53 PM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1751	7/25/15	P-637	100' W of E EOS & 5' N	DO	7/25/15	9:55 AM	2x2	P	JC	121	07/25/15	EM	BM	P	
D1752	7/25/15	P-114/P-636	Anchor Trench	WR	7/25/15	11:50 AM	2x3	P	JC	121	07/25/15	EM	BM	P	
D1753	7/25/15	P-640/P-641	Anchor Trench	WR	7/25/15	11:30 AM	2x6	P	JC	121	07/25/15	EM	BM	P	
D1754	7/25/15	P-644/P-645	Anchor Trench	WR	7/25/15	12:00 PM	2x5	P	JC	121	07/25/15	EM	BM	P	
D1755	7/27/15	P-646/P-647	DF-226	DF	7/27/15	4:37 PM	2x5	P	JC	121	07/28/15	EM	TLB	P	
D1756	7/27/15	P-647/P-648	DF-227	DF	7/27/15	4:14 PM	2x5	P	JC	121	07/28/15	EM	TLB	P	
D1757	7/27/15	P-410/P-645/P-646	Intersection	INT	7/27/15	10:00 AM	2x3	P	JC	121	07/28/15	EM	TLB	P	
D1758	7/27/15	P-409/P-410/P-646	Intersection	INT	7/27/15	9:55 AM	2x2	P	JC	121	07/28/15	EM	BM	P	
D1759	7/27/15	P-408/P-409/P-646/P-647	Intersection	INT	7/27/15	10:30 AM	2x3	P	JC	121	07/28/15	EM	BM	P	
D1760	7/27/15	P-408/P-647/P-648	Intersection	INT	7/27/15	11:01 AM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1761	7/27/15	P-407/P-408/P-648	Intersection	INT	7/27/15	11:00 AM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1762	7/27/15	P-406/P-407/P-648	Intersection	INT	7/27/15	10:53 AM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1763	7/27/15	P-406/P-648/P-649	Intersection	INT	7/27/15	11:32 AM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1764	7/27/15	P-648/P-649/P-654	Intersection	INT	7/27/15	2:00 PM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1765	7/27/15	P-649/P-650/P-651	Intersection	INT	7/27/15	1:55 PM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1766	7/27/15	P-405/P-406/P-649	Intersection	INT	7/27/15	11:27 AM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1767	7/27/15	P-404/P-405/P-649/P-651	Intersection	INT	7/27/15	1:43 PM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1768	7/27/15	P-645/P-646	Anchor Trench	WR	7/27/15	3:00 PM	2x4	P	JC	121	07/28/15	EM	TLB	P	
D1769	7/27/15	P-650/P-651	Anchor Trench	PT	7/27/15	3:10 PM	3x4	P	JC	121	07/28/15	EM	TLB	P	
D1770	7/27/15	P-650/P-651	DF-228	DF	7/27/15	7:28 AM	2x5	P	JC	121	07/28/15	EM	TLB	P	
D1771	7/27/15	P-403/P-404/P-651	Intersection	INT	7/27/15	1:34 PM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1772	7/27/15	P-651/P-652	DF-229	DF	7/28/15	9:55 AM	2x5	P	JC	121	07/28/15	EM	TLB	P	
D1773	7/27/15	P-653/P-654	DF-230	DF	7/28/15	10:50 AM	2x5	P	JC	121	07/28/15	EM	TLB	P	
D1774	7/27/15	P-404/P-651	DX-46	DX	7/27/15	5:15 PM	2x5	P	JC	121	07/28/15	EM	TLB	P	
D1775	7/27/15	P-651/P-652	Anchor Trench	IO	7/27/15	3:20 PM	2x8	P	JC	121	07/28/15	EM	TLB	P	
D1776	7/27/15	P-652/P-653	DF-231	DF	7/27/15	3:35 PM	2x5	P	JC	121	07/28/15	EM	TLB	P	
D1777	7/27/15	P-655/P-656	DF-232	DF	7/28/15	8:50 AM	2x5	P	JC	121	07/28/15	EM	TLB	P	
D1778	7/27/15	P-656/P-657	DF-233	DF	7/28/15	2:00 PM	2x5	P	JC	121	07/28/15	EM	JB	P	
D1779	7/27/15	P-641	170' W of E EOS & 9' N	DO	7/27/15	9:05 AM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1780	7/27/15	P-656/P-657/P-658	Intersection	INT	7/28/15	11:50 AM	3x10	P	JC	121	07/28/15	EM	KS	P	
D1781	7/27/15	P-644	176' W of E EOS & 3' N	DO	7/27/15	9:00 AM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1782	7/27/15	P-659/P-660	DF-234	DF	7/28/15	1:25 PM	2x4	P	JC	121	07/28/15	EM	JB	P	
D1783	7/27/15	P-658/P-659/P-660	Intersection	INT	7/28/15	2:30 PM	2x8	P	JC	121	07/28/15	EM	TLB	P	
D1784	7/27/15	P-658/P-660	169' W of E EOS	BO	7/28/15	7:28 AM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1785	7/27/15	P-657/P-658	29' W of E EOS	IO	7/28/15	1:30 PM	2x6	P	JC	121	07/28/15	EM	JB	P	
D1786	7/27/15	P-659/P-660	131' W of E EOS	IO	7/28/15	2:17 PM	2x7	P	JC	121	07/28/15	EM	JB	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1787	7/27/15	P-651/P-652/P-661	Intersection	INT	7/27/15	5:50 PM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1788	7/27/15	P-403/P-651/P-661	Intersection	INT	7/27/15	5:45 PM	2x2	P	JC	121	07/28/15	EM	TLB	P	
D1789	7/27/15	P-660/P-662	DF-235	DF	7/28/15	2:15 PM	2x5	P	RA	001	07/28/15	EM	JB	P	
D1790	7/27/15	P-660/P-662	211' W of E EOS	WR	7/28/15	2:10 PM	2x4	P	RA	001	07/28/15	EM	TLB	P	
D1791	7/27/15	P-662/P-663	DF-236	DF	7/28/15	2:05 PM	2x5	P	RA	001	07/28/15	EM	TLB	P	
D1792	7/27/15	P-660/P-662	Anchor Trench	WR	7/28/15	1:10 PM	2x8	P	JC	121	07/28/15	EM	JB	P	
D1793	7/25/15	P-652/P-657	75' E of W EOS & 5' S	DO	7/28/15	7:33 AM	3x3	P	JC	121	07/28/15	EM	TLB	P	
D1794	7/29/15	P-662/P-663/P-673	Intersection	INT	7/29/15	5:55 PM	2x5	P	JC	121	07/30/15	EM	SW	P	
D1795	7/25/15	P-651/P-652	80' W of E EOS	BO	7/27/15	6:06 PM	2x3	P	JC	121	07/28/15	EM	TLB	P	
D1796	7/25/15	P-667/P-669	DF-237	DF	7/28/15	2:50 PM	2x4	P	RA	001	07/28/15	EM	TLB	P	
D1797	7/29/15	P-663/P-673	18' E of WEOS	FS	7/29/15	5:00 PM	2x8	C	JC	121	07/30/15	EM	SW	P	
D1798	7/25/15	P-641	35' E of W EOS & 8' S	DO	7/28/15	1:00 PM	4x4	P	RA	001	07/28/15	DT	TLB	P	
D1799	7/25/15	P-411/P-641/P-642	31' E of W EOS & 20' S	DO	7/28/15	12:40 PM	2x10	P	RA	001	07/28/15	DT	TLB	P	
D1800	7/25/15	P-411/P-641/P-642	31' E of W EOS	DO	7/28/15	12:20 PM	2x32	P	RA	001	07/28/15	DT	TLB	P	
D1801	7/25/15	P-640/P-641	31' E of W EOS & 39' E	DO	7/28/15	1:30 PM	2x8	P	RA	001	07/28/15	DT	TLB	P	
D1802	7/25/15	P-663/P-664/P-665	Intersection	INT	7/28/15	2:20 PM	2x2	P	RA	001	07/28/15	RR	JB	P	
D1803	7/25/15	P-663/P-662/P-666	Intersection	INT	7/28/15	2:25 PM	2x2	P	RA	001	07/28/15	RR	JB	P	
D1804	7/25/15	P-605/P-666/P-667	Intersection	INT	7/28/15	2:30 PM	3x3	P	RA	001	07/28/15	RR	JB	P	
D1805	7/25/15	P-667/P-668/P-669	Intersection	INT	7/28/15	2:45 PM	2x3	P	RA	001	07/28/15	RR	TLB	P	
D1806	7/25/15	P-670/P-671/P-672	Intersection	INT	7/28/15	3:38 PM	2x3	P	RA	001	07/28/15	RR	TLB	P	
D1807	7/29/15	P-675/P-676	DF-238	DF	7/29/15	3:25 PM	2x5	P	JC	121	07/30/15	EM	SW	P	
D1808	7/29/15	P-675/P-676	106' N of S EOS	BO	7/29/15	3:40 PM	2x2	P	JC	121	07/30/15	EM	SW	P	
D1809	7/29/15	P-663/P-664/P-673	Intersection	INT	7/29/15	4:45 PM	2x5	P	JC	121	07/30/15	EM	SW	P	
D1810	7/29/15	P-664/P-665/P-667/P-673	Intersection	INT	7/29/15	4:35 PM	2x5	P	JC	121	07/30/15	EM	SW	P	
D1811	7/29/15	P-667/P-668/P-673	Intersection	INT	7/29/15	12:00 PM	2x4	P	JC	121	07/30/15	EM	SW	P	
D1812	7/29/15	P-668/P-669/P-670/P-673	Intersection	INT	7/29/15	1:00 PM	3x4	P	JC	121	07/30/15	EM	SW	P	
D1813	7/29/15	P-670/P-671/P-673	Intersection	INT	7/29/15	1:10 PM	3x3	P	JC	121	07/30/15	EM	SW	P	
D1814	7/29/15	P-671/P-672/P-673	Intersection	INT	7/29/15	1:20 PM	3x4	P	JC	121	07/30/15	EM	SW	P	
D1815	7/29/15	P-673/P-674	Anchor Trench	WR	7/29/15	2:10 PM	4x6	P	JC	121	07/30/15	EM	SW	P	
D1816	7/29/15	P-673/P-675/P-677	Intersection	INT	Covered by D1825										
D1817	7/29/15	P-675/P-676/P-677	Intersection	INT	7/29/15	3:05 PM	2x2	P	JC	121	07/30/15	EM	SW	P	
D1818	7/29/15	P-673/P-676/P-677/P-678	Intersection	INT	7/29/15	3:00 PM	5x8	P	JC	121	07/30/15	EM	SW	P	
D1819	7/29/15	P-676/P-678	DF-239	DF	7/29/15	3:35 PM	2x5	P	JC	121	07/30/15	EM	SW	P	
D1820	7/29/15	P-673/P-678/P-679	Intersection	INT	7/29/15	2:45 PM	2x4	P	JC	121	07/30/15	EM	SW	P	
D1821	7/29/15	P-673/P-679/P-680	Intersection	INT	7/29/15	2:40 PM	2x5	P	JC	121	07/30/15	EM	SW	P	
D1822	7/29/15	P-679/P-680/P-681	Intersection	INT	7/29/15	2:35 PM	2x2	P	JC	121	07/30/15	EM	SW	P	
D1823	7/29/15	P-673/P-680/P-681/P-682	Intersection	INT	7/29/15	2:30 PM	2x6	P	JC	121	07/30/15	EM	SW	P	
D1824	7/29/15	P-673/P-682/P-683	Intersection	INT	7/29/15	2:25 PM	2x3	P	JC	121	07/30/15	EM	SW	P	
D1825	7/29/15	P-673/P-677	DF-240	DF	7/29/15	4:00 PM	2x7	P	JC	121	07/30/15	EM	SW	P	Covers D1816
D1826	7/29/15	P-673/P-675/P-684	Intersection	INT	7/29/15	4:05 PM	2x2	P	JC	121	07/30/15	EM	SW	P	
D1827	7/29/15	P-675/P-684/P-685	Intersection	INT	7/29/15	4:15 PM	2x2	P	JC	121	07/30/15	EM	SW	P	
D1828	7/29/15	P-686/P-688	DF-241	DF	7/29/15	5:10 PM	2x5	P	JC	121	07/30/15	EM	SW	P	
D1829	7/29/15	P-686/P-688/P-689	Intersection	INT	7/29/15	9:20 AM	2x3	P	JC	121	07/30/15	EM	SW	P	
D1830	7/29/15	P-688/P-689/P-690	Intersection	INT	7/29/15	9:00 AM	4x9	P	JC	121	07/30/15	EM	SW	P	
D1831	7/29/15	P-687/P-688/P-690	Intersection	INT	7/29/15	5:40 PM	3x3	P	JC	121	07/30/15	EM	SW	P	
D1832	7/29/15	P-686/P-687/P-688	Intersection	INT	7/29/15	5:30 PM	2x2	P	JC	121	07/30/15	EM	SW	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1833	7/29/15	P-662/P-696/P-698	Intersection	INT	7/29/15	10:40 AM	2x3	P	JC	121	07/30/15	EM	SW	P	
D1834	7/29/15	P-673/P-684/P-685	Intersection	INT	7/29/15	5:25 PM	3x3	P	JC	121	07/30/15	EM	SW	P	
D1835	7/29/15	P-684/P-685/P-686	Intersection	INT	7/29/15	4:20 PM	2x4	P	JC	121	07/30/15	EM	SW	P	
D1836	7/29/15	P-673/P-687/P-689	Intersection	INT	7/29/15	5:50 PM	2x6	P	JC	121	07/30/15	EM	SW	P	
D1837	7/29/15	P-690/P-691/P-692	Intersection	INT	7/29/15	8:40 AM	2x4	P	JC	121	07/30/15	EM	SW	P	
D1838	7/29/15	P-691/P-692/P-693	Intersection	INT	7/29/15	8:30 AM	2x3	P	JC	121	07/30/15	EM	SW	P	
D1839	7/29/15	P-673/P-690/P-692	Intersection	INT	7/29/15	11:10 AM	2x4	P	JC	121	07/30/15	EM	SW	P	
D1840	7/29/15	P-662/P-673/P-692	Intersection	INT	7/29/15	11:05 AM	3x4	P	JC	121	07/30/15	EM	SW	P	
D1841	7/29/15	P-662/P-692/P-693	Intersection	INT	7/29/15	11:00 AM	4x4	P	JC	121	07/30/15	EM	SW	P	
D1842	7/29/15	P-693/P-694/P-695	Intersection	INT	7/29/15	9:35 AM	3x5	P	JC	121	07/30/15	EM	SW	P	
D1843	7/29/15	P-662/P-693/P-694	Intersection	INT	7/29/15	10:50 AM	3x4	P	JC	121	07/30/15	EM	SW	P	
D1844	7/29/15	P-662/P-694/P-696	Intersection	INT	7/29/15	10:45 AM	3x4	P	JC	121	07/30/15	EM	SW	P	
D1845	7/29/15	P-693/P-694	DF-242	DF	7/29/15	6:00 PM	2x7	P	JC	121	07/30/15	EM	SW	P	
D1846	7/29/15	P-695/P-696	DF-243	DF	7/29/15	9:55 AM	2x3	P	JC	121	07/30/15	EM	SW	P	
D1847	7/29/15	P-696/P-697/P-698	Intersection	INT	7/29/15	11:40 AM	3x4	P	JC	121	07/30/15	EM	SW	P	
D1848	7/29/15	P-694/P-695/P-696	Intersection	INT	7/29/15	9:45 AM	2x3	P	JC	121	07/30/15	EM	SW	P	
D1849	7/29/15	P-686/P-689	50' S of N EOS	PT	7/30/15	10:40 AM	2x2	P	JC	121	07/30/15	EM	SW	P	
D1850	7/31/15	P-725/P-726	DF-249	DF	7/31/15	3:20 PM	2x5	P	JC	121	08/01/15	EM	JB	P	
D1851	7/30/15	P-703/P-704	DF-244	DF	7/31/15	10:35 AM	2x5	P	JC	121	08/01/15	EM	KS	P	
D1852	7/30/15	P-708/P-709	DF-245	DF	7/30/15	6:38 PM	2x5	P	AR	001	07/31/15	EM	TB	P	
D1853	7/29/15	P-686/P-689	Anchor Trench	BO	7/30/15	10:25 AM	2x3	P	JC	121	07/30/15	EM	SW	P	
D1854	7/29/15	P-709/P-711	33' W of E EOS	BO	7/30/15	6:15 PM	2x6	P	AR	001	07/31/15	GA	TB	P	
D1855	7/30/15	P-217/P-218/P-699	Intersection	INT	7/30/15	11:55 AM	4x10	P	AR	001	07/30/15	GA	BM	P	
D1856	7/30/15	P-217/P-699	Anchor Trench	WR	7/30/15	1:15 PM	2x2	P	AR	001	07/30/15	GA	BM	P	
D1857	7/30/15	P-218/P-219/P-699/P-700	Intersection	INT	7/30/15	1:43 PM	2x2	P	AR	001	07/30/15	GA	BM	P	
D1858	7/30/15	P-219/P-220/P-700/P-701	Intersection	INT	7/30/15	1:53 PM	2x2	P	AR	001	07/30/15	GA	BM	P	
D1859	7/30/15	P-220/P-224/P-701/P-702	Intersection	INT	7/30/15	2:03 PM	2x2	P	AR	001	07/30/15	GA	BM	P	
D1860	7/30/15	P-224/P-225/P-702/P-203	Intersection	INT	7/30/15	2:23 PM	2x2	P	AR	001	07/30/15	GA	BM	P	
D1861	7/30/15	P-225/P-229/P-703/P-704	Intersection	INT	7/30/15	3:25 PM	2x2	P	AR	001	07/30/15	GA	BM	P	
D1862	7/30/15	P-229/P-230/P-704/P-705	Intersection	INT	7/30/15	3:40 PM	2x5	P	AR	001	07/30/15	GA	BM	P	
D1863	7/30/15	P-230/P-235/P-705/P-706	Intersection	INT	7/30/15	3:45 PM	2x2	P	AR	001	07/30/15	GA	BM	P	
D1864	7/30/15	P-235/P-236/P-706/P-707	Intersection	INT	7/30/15	3:50 PM	2x2	P	AR	001	07/30/15	GA	BM	P	
D1865	7/30/15	P-236/P-235/P-707/P-708	Intersection	INT	7/30/15	4:05 PM	2x2	P	AR	001	07/30/15	GA	BM	P	
D1866	7/30/15	P-238/P-239/P-708/P-709	Intersection	INT	7/30/15	4:25 PM	2x2	P	AR	001	07/31/15	EM	TB	P	
D1867	7/30/15	P-709/P-710/P-711	Intersection	INT	7/30/15	6:00 PM	2x4	P	AR	001	07/31/15	EM	TB	P	
D1868	7/30/15	P-236/P-238/P-708	Intersection	INT	7/30/15	4:06 PM	2x2	P	AR	001	07/31/15	EM	TB	P	
D1869	7/30/15	P-715/P-716	32' W of E EOS	WR	7/31/15	11:25 AM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1870	7/30/15	P-238/P-230/P-709	Intersection	INT	7/30/15	4:26 PM	2x2	P	AR	001	07/31/15	EM	TB	P	
D1871	7/30/15	P-239/P-709/P-710	Intersection	INT	7/30/15	4:48 PM	2x2	P	AR	001	07/31/15	EM	TB	P	
D1872	7/30/15	P-239/P-242/P-710	Intersection	INT	7/30/15	4:50 PM	2x2	P	AR	001	07/31/15	EM	TB	P	
D1873	7/30/15	P-242/P-710/P-711	Intersection	INT	7/30/15	5:03 PM	2x2	P	AR	001	07/31/15	EM	TB	P	
D1874	7/30/15	P-242/P-243/P-711	Intersection	INT	7/30/15	5:09 PM	2x2	P	AR	001	07/31/15	EM	TB	P	
D1875	7/30/15	P-243/P-711/P-712	Intersection	INT	7/30/15	5:19 PM	2x2	P	AR	001	07/31/15	EM	TB	P	
D1876	7/30/15	P-243/P-245/P-712	Intersection	INT	7/30/15	5:23 PM	2x2	P	AR	001	07/31/15	EM	TB	P	
D1877	7/30/15	P-245/P-712	DX-47	DX	7/30/15	7:10 PM	2x5	P	AR	001	07/31/15	EM	TB	P	
D1878	7/30/15	P-711/P-712/P-713	Intersection	INT	7/30/15	5:44 PM	2x2	P	AR	001	07/31/15	EM	TB	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1879	7/30/15	P-716/P-717/P-718	Intersection	INT	7/31/15	11:30 AM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1880	7/30/15	P-720/P-722	DF-246	DF	7/31/15	1:50 PM	2x5	P	JC	121	08/01/15	EM	JB	P	
D1881	7/30/15	P-720/P-721/P-722	Intersection	INT	7/31/15	2:00 PM	2x4	P	JC	121	08/01/15	EM	JB	P	
D1882	7/30/15	P-719/P-720/P-722	Intersection	INT	7/31/15	1:40 PM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1883	7/30/15	P-717/P-719/P-722	Intersection	INT	7/31/15	1:25 PM	2x6	P	JC	121	08/01/15	EM	JB	P	
D1884	7/30/15	P-717/P-718/P-722	Intersection	INT	7/31/15	1:15 PM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1885	7/30/15	P-716/P-718/P-722	Intersection	INT	7/31/15	1:00 PM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1886	7/30/15	P-715/P-716/P-722	Intersection	INT	Covered by D1890										
D1887	7/30/15	P-714/P-715/P-722	Intersection	INT	Covered by D1890										
D1888	7/30/15	P-713/P-715/P-722	Intersection	INT	Covered by D1890										
D1889	7/30/15	P-712/P-713/P-722	Intersection	INT	Covered by D1893										
D1890	7/30/15	P-715/P-722	N EOS to S EOS	FS	7/31/15	11:10 AM	5x12	C	JC	121	08/01/15	EM	KS	P	Covers D1886, D1887, D1888, D1891
D1891	7/30/15	P-714/P-722	N EOS to S EOS	FS	Covered by D1890										
D1892	7/31/15	P-722/P-723	DF-247	DF	7/31/15	2:25 PM	2x5	P	JC	121	08/01/15	EM	JB	P	
D1893	7/31/15	P-712/P-722/P-723	Intersection	INT	7/31/15	4:50 PM	2x10	P	JC	121	08/01/15	EM	KS	P	Covers D1889
D1894	7/31/15	P-724/P-725	DF-248	DF	8/1/15	11:40 AM	2x5	P	RA	001	08/01/15	EM	KS	P	
D1895	7/31/15	P-725	280' S of N EOS & 8' E	DO	8/1/15	12:05 PM	2x2	P	RA	001	08/01/15	EM	KS	P	
D1896	7/31/15	P-725	280' S of N EOS & 8' E	DO	8/1/15	12:00 PM	2x2	P	RA	001	08/01/15	EM	KS	P	
D1897	7/31/15	P-725	289' S of N EOS & 8' E	DO	8/1/15	11:55 AM	2x3	P	RA	001	08/01/15	EM	KS	P	
D1898	7/31/15	P-727/P-728	DF-250	DF	7/31/15	4:15 PM	2x5	P	JC	121	08/01/15	EM	JB	P	
D1899	7/31/15	P-728/P-730/P-731	Intersection	INT	7/31/15	3:30 PM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1900	7/31/15	P-728/P-729/P-730	Intersection	INT	7/31/15	3:55 PM	3x3	P	JC	121	08/01/15	EM	JB	P	
D1901	7/31/15	P-730/P-732	DF-251	DF	7/31/15	3:40 PM	2x7	P	JC	121	08/01/15	EM	JB	P	Covers D1902
D1902	7/31/15	P-730/P-731/P-732	Intersection	INT	Covered by D1901										
D1903	7/31/15	P-729/P-730/P-732	Intersection	INT	8/1/15	9:10 AM	2x6	P	JC	121	08/01/15	EM	JB	P	
D1904	7/31/15	P-732/P-734/P-735	Intersection	INT	Covered by D1911										
D1905	7/31/15	P-732/P-733	102' W of E EOS	BO	8/1/15	10:15 AM	2x4	P	JC	121	08/01/15	EM	JB	P	
D1906	7/31/15	P-737/P-738	DF-253	DF	8/1/15	10:25 AM	2x4	P	JC	121	08/01/15	EM	JB	P	
D1907	7/31/15	P-732/P-733/P-735	Intersection	INT	8/1/15	9:20 AM	2x4	P	JC	121	08/01/15	EM	JB	P	
D1908	7/31/15	P-733/P-735/P-736	Intersection	INT	8/1/15	9:35 AM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1909	7/31/15	P-733/P-736/P-737	Intersection	INT	8/1/15	9:50 AM	2x4	P	JC	121	08/01/15	EM	JB	P	
D1910	7/31/15	P-733/P-737	At Crest	PT	8/4/15	9:35 AM	2x4	P	RA	001	08/04/15	GA	KS	P	
D1911	7/31/15	P-732/P-734	DF-252	DF	8/1/15	9:00 AM	2x6	P	JC	121	08/01/15	EM	JB	P	Covers D1904
D1912	7/31/15	P-722/P-723	At Crest	IO	7/31/15	3:00 PM	3x6	P	JC	121	08/01/15	EM	JB	P	
D1913	7/31/15	P-722	5' S of N EOS & 2' W	DO	7/31/15	2:55 PM	2x2	P	JC	121	08/01/15	EM	JB	P	
D1914	7/31/15	P-722	86' S of N EOS & 7' W	DO	7/31/15	2:40 PM	2x2	P	JC	121	08/01/15	EM	JB	P	
D1915	7/31/15	P-721/P-722	At Crest	IO	7/31/15	2:05 PM	5x15	P	JC	121	08/01/15	EM	JB	P	
D1916	7/31/15	P-734/P-735/P-738	Intersection	INT	8/1/15	9:05 AM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1917	7/31/15	P-736/P-737/P-738	Intersection	INT	8/1/15	9:45 AM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1918	7/31/15	P-736/P-737/P-738	Intersection	INT	8/1/15	10:00 AM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1919	7/31/15	P-738/P-739/P-740	Intersection	INT	8/1/15	11:21 AM	2x7	P	JC	121	08/01/15	EM	JB	P	
D1920	7/31/15	P-738/P-740	110' S of N EOS	BO	8/1/15	2:31 PM	2x4	P	RA	001	08/04/15	GA	KS	P	
D1921	7/31/15	P-738/P-740	137' S of N EOS	BO	Covered by D1969										
D1922	7/31/15	P-740/P-741	DF-254	DF	8/1/15	10:45 AM	2x5	P	JC	121	08/01/15	EM	JB	P	
D1923	8/1/15	P-729/P-732	42' S of N EOS	PT	8/1/15	8:55 AM	2x5	P	JC	121	08/01/15	EM	JB	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1924	8/1/15	P-729/P-732	65' S of N EOS	PT	8/1/15	8:40 AM	2x3	P	JC	121	08/01/15	EM	JB	P	
D1925	8/1/15	P-729/P-732	25' S of N EOS	PT	8/1/15	9:45 AM	2x22	C	RA	001	08/01/15	EM	KS	P	
D1926	8/1/15	P-740/P-741	15' N of S EOS	FS	8/3/15	3:40 PM	2x20	C	RA	001	08/04/15	GA	KS	P	Covers D1932, D1949
D1927	8/1/15	P-245/P-712/P-722/P-724	Intersection	INT	8/1/15	8:20 AM	2x3	P	RA	001	08/01/15	EM	KS	P	
D1928	8/1/15	P-245/P-253/P-724	Intersection	INT	8/1/15	8:25 AM	2x2	P	RA	001	08/05/15	EM	JB	P	
D1929	8/1/15	P-252/P-253/P-724/P-725	Intersection	INT	8/1/15	8:28 AM	2x2	P	RA	001	08/05/15	EM	JB	P	
D1930	8/1/15	P-725	8' N of S EOS & 1' E	W	8/1/15	9:10 AM	2x9	P	RA	001	08/01/15	EM	KS	P	Covers D1931
D1931	8/1/15	P-251/P-252/P-725/P-726	Intersection	INT	Covered by D1930										
D1932	8/1/15	P-741/P-742	DF-255	DF	Covered by D1926										
D1933	8/1/15	P-725	67' S of N EOS & 9' E	DO	8/1/15	12:10 PM	2x2	P	RA	001	08/01/15	EM	KS	P	
D1934	8/1/15	P-251/P-726/P-727	Intersection	INT	8/1/15	8:40 AM	2x2	P	RA	001	08/01/15	EM	KS	P	
D1935	8/1/15	P-727	10' N of S EOS	W	8/1/15	9:33 AM	2x12	P	RA	001	08/01/15	EM	KS	P	Covers D1936
D1936	8/1/15	P-249/P-251/P-727	Intersection	INT	Covered by D1935										
D1937	8/1/15	P-727	7' N of S EOS	W	8/1/15	9:45 AM	2x8	P	RA	001	08/01/15	EM	KS	P	Covers D1938
D1938	8/1/15	P-249/P-727/P-728	Intersection	INT	Covered by D1937										
D1939	8/1/15	P-248/P-249/P-728	Intersection	INT	8/1/15	10:01 AM	2x2	P	RA	001	08/01/15	EM	KS	P	
D1940	8/1/15	P-248/P-728/P-729	Intersection	INT	8/1/15	11:00 AM	2x3	P	RA	001	08/01/15	EM	KS	P	
D1941	8/1/15	P-246/P-248/P-729	Intersection	INT	8/1/15	11:06 AM	2x2	P	RA	001	08/01/15	EM	KS	P	
D1942	8/1/15	P-246/P-255/P-734	Intersection	INT	8/1/15	11:15 AM	2x2	P	RA	001	08/01/15	EM	KS	P	
D1943	8/1/15	P-255/P-257/P-734/P-738/P-740/P-742	Intersection	INT	Covered by D1969										
D1944	8/1/15	P-742/P-743	165' S of N EOS	IO	8/5/15	1:30 PM	2x10	P	GH	125	08/05/15	EM	JB	P	
D1945	8/1/15	P-743/P-744	DF-256	DF	8/4/15	9:45 AM	3x5	P	RA	001	08/04/15	GA	KS	P	
D1946	8/1/15	P-743/P-744	187' S of N EOS	PT	8/5/15	3:07 PM	3x4	P	GH	125	08/05/15	EM	JB	P	
D1947	8/1/15	P-741/P-742	At Crest	WR	8/4/15	9:30 AM	3x4	P	RA	001	08/04/15	JR	KS	P	
D1948	8/1/15	P-742/P-743	At Crest	WR	8/4/15	9:15 AM	4x6	P	RA	001	08/04/15	GA	KS	P	
D1949	8/1/15	P-740/P-741/P-742	Intersection	INT	Covered by D1926										
D1950	8/3/15	P-255/P-734	DX-48	DX	8/3/15	12:00 PM	2x5	P	RA	001	08/05/15	EM	TB	P	
D1951	8/3/15	P-257/P-258/P-742/P-743	Intersection	INT	8/3/15	10:30 AM	2x3	P	RA	001	08/04/15	GA	KS	P	
D1952	8/3/15	P-258/P-743/P-744	Intersection	INT	8/3/15	10:36 AM	2x2	P	RA	001	08/05/15	EM	JB	P	
D1953	8/3/15	P-258/P-259/P-744	Intersection	INT	8/3/15	10:38 AM	2x2	P	RA	001	08/05/15	EM	JB	P	
D1954	8/3/15	P-755/P-756/P-758	Intersection	INT	8/4/15	9:03 AM	4x5	P	RA	001	08/05/15	EM	JB	P	
D1955	8/3/15	P-749/P-750	DF-257	DF	8/4/15	11:40 AM	3x6	P	RA	001	08/05/15	EM	JB	P	
D1956	8/3/15	P-755	9' S of N EOS & 1' E	DO	8/4/15	9:06 AM	2x2	P	RA	001	08/04/15	GA	KS	P	
D1957	8/3/15	P-750/P-751	DF-258	DF	8/4/15	11:35 AM	2x7	P	RA	001	08/05/15	EM	JB	P	
D1958	8/3/15	P-740/P-742	125' S of N EOS	PT	8/3/15	1:30 PM	2x4	P	RA	001	08/04/15	GA	KS	P	
D1959	8/3/15	P-740/P-742	100' S of N EOS	PT	8/3/15	2:00 PM	2x6	P	RA	001	08/04/15	GA	KS	P	
D1960	8/3/15	P-742/P-743	195' S of N EOS	FS	8/3/15	3:00 PM	2x32	C	RA	001	08/04/15	GA	KS	P	
D1961	8/3/15	P-742/P-743	145' S of N EOS	FS	8/5/15	3:00 PM	2x5	C	GH	125	08/05/15	EM	JB	P	
D1962	8/3/15	P-750/P-751/P-753	Intersection	INT	8/3/15	11:25 AM	2x5	P	RA	001	08/05/15	EM	JB	P	
D1963	8/3/15	P-751/P-753/P-754	Intersection	INT	8/3/15	6:45 PM	3x5	P	RA	001	08/04/15	GA	KS	P	
D1964	8/3/15	P-751/P-752	N EOS to S EOS	FS	8/4/15	12:00 PM	2x15	C	RA	001	08/05/15	EM	JB	P	Covers D1965
D1965	8/3/15	P-751/P-752/P-754	Intersection	INT	Covered by D1964										
D1966	8/3/15	P-754/P-755/P-757	Intersection	INT	8/3/15	11:05 AM	3x6	P	RA	001	08/05/15	EM	JB	P	
D1967	8/3/15	P-755/P-757/P-758	Intersection	INT	8/4/15	11:00 AM	2x5	P	RA	001	08/05/15	EM	JB	P	
D1968	8/3/15	P-758/P-759	DF-259	DF	8/4/15	10:55 AM	2x7	P	RA	001	08/05/15	EM	JB	P	
D1969	8/3/15	P-740/P-742	150' S of N EOS	FS	8/3/15	10:20 AM	5x22	C	RA	001	08/04/15	GA	KS	P	Covers D1921, D1943

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D1970	8/3/15	P-745/P-756/P-758	Intersection	INT	Covered by D1971										
D1971	8/3/15	P-745/P-756	S EOS to N EOS	FS	8/3/15	4:20 PM	3x8	C	RA	001	08/04/15	GA	KS	P	Covers D1970, D1972
D1972	8/3/15	P-745/P-756/P-762	Intersection	INT	Covered by D1971										
D1973	8/3/15	P-259/P-744	DX-49	DX	8/4/15	10:00 AM	2x5	P	JC	121	08/05/15	EM	JB	P	
D1974	8/3/15	P-755/P-756/P-762	Intersection	INT	8/4/15	10:10 AM	3x4	P	RA	001	08/05/15	EM	JB	P	
D1975	8/3/15	P-754/P-755/P-762	Intersection	INT	8/3/15	4:35 PM	4x9	P	RA	001	08/04/15	GA	KS	P	
D1976	8/3/15	P-745/P-761/P-762	Intersection	INT	8/3/15	4:50 PM	2x3	P	RA	001	08/04/15	GA	KS	P	
D1977	8/3/15	P-760/P-761	DF-260	DF	Covered by D1991										
D1978	8/7/15	P-839/P-841	7' E of W EOS	BO	Covered by D2188										
D1979	8/3/15	P-751/P-752/P-761	Intersection	INT	Covered by D1981										
D1980	8/3/15	P-750/P-751/P-761	Intersection	INT	Covered by D1981										
D1981	8/3/15	P-751/P-761	S EOS to N EOS	FS	8/3/15	5:20 PM	3x9	C	RA	001	08/04/15	GA	KS	P	Covers D1979, D1980
D1982	8/3/15	P-749/P-750/P-761	Intersection	INT	8/3/15	5:46 PM	5x6	P	RA	001	08/04/15	GA	KS	P	
D1983	8/3/15	P-745/P-760/P-761	Intersection	INT	8/3/15	6:45 PM	2x5	P	RA	001	08/04/15	GA	KS	P	
D1984	8/3/15	P-746/P-747/P-760/P-761	Intersection	INT	Covered by D1985										
D1985	8/3/15	P-746/P-761	S EOS to N EOS	FS	8/3/15	6:15 PM	4x9	C	RA	001	08/04/15	GA	KS	P	Covers D1984, D1986
D1986	8/3/15	P-747/P-748/P-749/P-761	Intersection	INT	Covered by D1985										
D1987	8/3/15	P-752/P-754/P-762	Intersection	INT	Covered by D1988										
D1988	8/3/15	P-752/P-762	S EOS to N EOS	FS	8/3/15	5:00 PM	3x8	C	RA	001	08/04/15	GA	KS	P	Covers D1987, D1989
D1989	8/3/15	P-752/P-761/P-762	Intersection	INT	Covered by D1988										
D1990	8/3/15	P-758/P-763	5' E of W EOS	BO	8/4/15	8:50 AM	2x2	P	RA	001	08/04/15	GA	KS	P	
D1991	8/3/15	P-760/P-761	18' W of E EOS	FS	8/3/15	4:25 PM	4x2	C	RA	001	08/04/15	GA	KS	P	Covers D1977
D1992	8/3/15	P-758/P-759/P-763	Intersection	INT	8/4/15	10:35 AM	2x7	P	RA	001	08/05/15	EM	JB	P	
D1993	8/3/15	P-759/P-763	91' E of W EOS	BO	8/5/15	5:09 PM	2x3	P	GH	125	08/05/15	EM	JB	P	
D1994	8/3/15	P-763/P-765	DF-261	DF	8/4/15	10:00 AM	2x4	P	RA	001	08/05/15	EM	JB	P	
D1995	8/3/15	P-762	11' S of N EOS & 1' E	DO	8/4/15	8:50 AM	2x4	P	RA	001	08/04/15	GA	KS	P	
D1996	8/3/15	P-745/P-766	N EOS to 16' S	FS	8/4/15	9:09 AM	2x10	C	RA	001	08/05/15	EM	JB	P	
D1997	8/3/15	P-765/P-766	DF-262	DF	8/4/15	5:43 PM	2x4	P	JC	121	08/05/15	EM	JB	P	
D1998	8/3/15	P-765/P-766	12' N of S EOS & 1'E	DO	Covered by D1999										
D1999	8/3/15	P-745/P-765/P-766	Intersection	INT	8/4/15	9:09 AM	2x10	P	RA	001	08/05/15	EM	JB	P	Covers D1998, D2000
D2000	8/3/15	P-766	10' S of N EOS & 1' E	DO	Covered by D1999										
D2001	8/4/15	P-259/P-744/P-745	Intersection	INT	8/4/15	9:14 AM	2x4	P	JC	121	08/04/15	GA	KS	P	
D2002	8/4/15	P-263/P-745/P-760	Intersection	INT	8/4/15	9:30 AM	3x8	P	JC	121	08/05/15	EM	JB	P	
D2003	8/4/15	P-264/P-746/P-760	Intersection	INT	8/4/15	9:40 AM	2x5	P	JC	121	08/05/15	EM	JB	P	
D2004	8/4/15	P-744	2' N of S EOS & 11' E	DO	8/4/15	9:15 AM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2005	8/4/15	P-259/P-263/P-745	Intersection	INT	8/4/15	9:20 AM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2006	8/4/15	P-264/P-268/P-746	Intersection	INT	8/4/15	9:44 AM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2007	8/4/15	P-268/P-746/P-747	Intersection	INT	8/4/15	9:51 AM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2008	8/4/15	P-268/P-347/P-747	Intersection	INT	8/4/15	9:53 AM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2009	8/4/15	P-347/P-747	Intersection	INT	8/4/15	1:40 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2010	8/4/15	P-348/P-747/P-748	Intersection	INT	8/4/15	9:57 AM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2011	8/4/15	P-347/P-348/P-747	Intersection	INT	8/4/15	9:59 AM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2012	8/4/15	P-760/P-761	2' W of E EOS	WR	8/4/15	7:25 AM	2x3	P	RA	001	08/04/15	GA	KS	P	
D2013	8/4/15	P-745/P-758/P-763/P-765	Intersection	INT	8/4/15	8:50 AM	4x8	P	RA	001	08/04/15	GA	KS	P	
D2014	8/4/15	P-348/P-349/P-748	Intersection	INT	8/4/15	1:30 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2015	8/4/15	P-349/P-748/P-749	Intersection	INT	8/4/15	1:33 PM	2x2	P	JC	121	08/05/15	EM	JB	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2016	8/4/15	P-349/P-350/P-749	Intersection	INT	8/4/15	1:43 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2017	8/4/15	P-350/P-749/P-750	Intersection	INT	8/4/15	1:45 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2018	8/4/15	P-350/P-351/P-750	Intersection	INT	8/4/15	1:50 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2019	8/4/15	P-351/P-750/P-753	Intersection	INT	8/4/15	1:53 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2020	8/4/15	P-351/P-353/P-753	Intersection	INT	8/4/15	3:00 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2021	8/4/15	P-353/P-753/P-754	Intersection	INT	8/4/15	3:02 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2022	8/4/15	P-353/P-354/P-754	Intersection	INT	8/4/15	3:10 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2023	8/4/15	P-354/P-754/P-757	Intersection	INT	8/4/15	3:45 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2024	8/4/15	P-356/P-357/P-758	Intersection	INT	8/4/15	4:04 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2025	8/4/15	P-354/P-356/P-757	Intersection	INT	8/4/15	3:55 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2026	8/4/15	P-356/P-757/P-758	Intersection	INT	8/4/15	3:58 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2027	8/4/15	P-357/P-359/P-361/P-758/P-759	Intersection	INT	8/4/15	4:06 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2028	8/4/15	P-361/P-759/P-763	Intersection	INT	8/4/15	5:08 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2029	8/4/15	P-361/P-363/P-763	Intersection	INT	8/4/15	5:18 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2030	8/4/15	P-363/P-763/P-764	Intersection	INT	8/4/15	5:20 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2031	8/4/15	P-363/P-364/P-764	Intersection	INT	8/4/15	5:27 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2032	8/4/15	P-364/P-764/P-765	Intersection	INT	8/4/15	5:29 PM	2x2	P	JC	121	08/05/15	EM	JB	P	
D2033	8/4/15	P-364/P-366/P-765	Intersection	INT	8/4/15	5:27 PM	2x2	P	JC	121	08/06/15	RA	BM	P	
D2034	8/4/15	P-366/P-763/P-766	Intersection	INT	8/4/15	12:43 PM	2x2	P	JC	121	08/06/15	RA	BM	P	
D2035	8/4/15	P-366/P-367/P-766	Intersection	INT	8/4/15	12:55 PM	2x2	P	JC	121	08/06/15	RA	BM	P	
D2036	8/4/15	P-772/P-774	DF-263	DF	8/4/15	10:22 AM	2x5	P	JC	121	08/06/15	EM	BM	P	
D2037	8/4/15	P-367/P-766	DX-50	DX	8/4/15	5:45 PM	2x5	P	JC	121	08/06/15	RA	BM	P	
D2038	8/4/15	P-510/P-511/P-767/P-768	Intersection	INT	8/5/15	9:40 AM	2x5	P	JC	121	08/06/15	EM	BM	P	
D2039	8/4/15	P-511/P-512/P-767	Intersection	INT	8/5/15	9:23 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2040	8/4/15	P-503/P-512/P-767	Intersection	INT	8/5/15	9:15 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2041	8/4/15	P-503/P-504/P-767/P-769	Intersection	INT	8/5/15	9:00 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2042	8/4/15	P-504/P-505/P-769/P-770	Intersection	INT	8/5/15	8:43 AM	2x3	P	JC	121	08/06/15	EM	BM	P	
D2043	8/4/15	P-505/P-506/P-770/P-771	Intersection	INT	8/5/15	8:25 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2044	8/4/15	P-506/P-507/P-771/P-773	Intersection	INT	Covered by D2046										
D2045	8/4/15	P-771/P-772/P-773	Intersection	INT	Covered by D2046										
D2046	8/4/15	P-771/P-773	E EOS to W EOS	FS	8/5/15	8:15 AM	2x6	C	JC	121	08/06/15	EM	BM	P	Covers D2044, D2045
D2047	8/4/15	P-777/P-778	DF-264	DF	8/5/15	7:50 AM	2x5	P	JC	121	08/06/15	EM	BM	P	
D2048	8/4/15	P-507/P-508/P-773	Intersection	INT	8/5/15	7:54 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2049	8/4/15	P-508/P-773/P-774	Intersection	INT	8/5/15	7:55 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2050	8/4/15	P-508/P-509/P-774	Intersection	INT	8/5/15	7:44 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2051	8/4/15	P-509/P-774/P-775	Intersection	INT	8/5/15	7:42 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2052	8/4/15	P-509/P-775/P-777	Intersection	INT	8/5/15	7:38 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2053	8/4/15	P-509/P-514/P-777	Intersection	INT	8/5/15	7:30 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2054	8/4/15	P-514/P-777/P-778	Intersection	INT	8/5/15	7:20 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2055	8/4/15	P-514/P-518/P-778	Intersection	INT	8/5/15	7:15 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2056	8/5/15	P-778/P-779/P-780	Intersection	INT	8/5/15	3:32 PM	2x3	P	PL	001	08/06/15	EM	BM	P	
D2057	8/5/15	P-778/P-780	At Crest	PT	8/5/15	11:20 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2058	8/5/15	P-786/P-788	DF-265	DF	8/5/15	4:05 PM	2x5	P	PL	001	08/06/15	EM	BM	P	
D2059	8/5/15	P-788/P-789	DF-266	DF	8/5/15	4:18 PM	2x5	P	PL	001	08/06/15	EM	BM	P	
D2060	8/5/15	P-503/P-767	DX-51	DX	8/5/15	10:00 AM	2x5	P	JC	121	08/06/15	EM	BM	P	
D2061	8/5/15	P-523/P-781/P-782	Intersection	INT	8/5/15	4:00 PM	2x2	P	JC	121	08/06/15	EM	BM	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2062	8/5/15	P-772/P-773/P-774	Intersection	INT	8/6/15	10:34 AM	3x4	P	JC	121	08/06/15	EM	BM	P	
D2063	8/5/15	P-534/P-789	DX-52	DX	8/5/15	9:45 AM	2x5	P	JC	121	08/06/15	EM	BM	P	
D2064	8/5/15	P-796/P-797	DF-267	DF	8/5/15	5:45 PM	2x5	P	PL	001	08/06/15	EM	BM	P	
D2065	8/5/15	P-795/P-797	4' E of W EOS	BO	8/5/15	5:55 PM	2x10	C	PL	001	08/06/15	EM	BM	P	Covers D2086
D2066	8/5/15	P-795/P-797	DF-268	DF	8/6/15	5:26 PM	2x5	P	PL	001	08/06/15	EM	BM	P	
D2067	8/5/15	P-800/P-801	At Crest	BO	8/6/15	3:45 PM	2x3	P	JC	121	08/06/15	RA	BM	P	
D2068	8/5/15	P-801/P-803	DF-269	DF	8/6/15	3:15 PM	2x5	P	JC	121	08/06/15	RA	BM	P	
D2069	8/5/15	P-778/P-779	4' E of W EOS	PT	8/5/15	4:20 PM	2x6	P	JC	121	08/06/15	EM	BM	P	Covers D2102
D2070	8/5/15	P-523/P-524/P-782	Intersection	INT	8/5/15	3:50 PM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2071	8/5/15	P-763/P-764/P-765	Intersection	INT	8/5/15	10:40 AM	2x2	P	RA	001	08/05/15	EM	JB	P	
D2072	8/5/15	P-799/P-802	5' W of E EOS	BO	8/6/15	1:50 PM	2x10	P	JC	121	08/06/15	RA	BM	P	Covers D2090
D2073	8/5/15	P-805/P-806	DF-270	DF	8/6/15	2:30 PM	2x7	P	JC	121	08/06/15	RA	BM	P	Covers D2093
D2074	8/5/15	P-775/P-776/P-777	Intersection	INT	8/5/15	10:50 AM	2x4	P	JC	121	08/06/15	EM	BM	P	
D2075	8/5/15	P-779/P-780/P-781	Intersection	INT	8/5/15	3:43 PM	2x3	P	PL	001	08/06/15	EM	BM	P	
D2076	8/5/15	P-782/P-783/P-784	Intersection	INT	8/5/15	3:53 PM	2x5	P	PL	001	08/06/15	EM	BM	P	
D2077	8/5/15	P-783/P-784/P-785	Intersection	INT	8/5/15	3:59 PM	2x4	P	PL	001	08/06/15	EM	BM	P	
D2078	8/5/15	P-786/P-787/P-788	Intersection	INT	8/5/15	3:34 PM	2x3	P	PL	001	08/06/15	EM	BM	P	
D2079	8/5/15	P-787/P-788/P-789	Intersection	INT	8/5/15	4:40 PM	2x3	P	PL	001	08/06/15	EM	BM	P	
D2080	8/5/15	P-789/P-790	8' E of W EOS	PT	8/5/15	4:57 PM	2x2	P	PL	001	08/06/15	EM	BM	P	
D2081	8/5/15	P-789/P-790/P-791	Intersection	INT	8/5/15	4:46 PM	2x2	P	PL	001	08/06/15	EM	BM	P	
D2082	8/5/15	P-790/P-791/P-792	Intersection	INT	8/5/15	4:51 PM	2x2	P	PL	001	08/06/15	EM	BM	P	
D2083	8/5/15	P-792/P-793/P-794	Intersection	INT	8/5/15	5:15 PM	2x2	P	PL	001	08/06/15	EM	BM	P	
D2084	8/5/15	P-793/P-794/P-795	Intersection	INT	8/5/15	5:21 PM	2x2	P	PL	001	08/06/15	EM	BM	P	
D2085	8/5/15	P-803/P-805	88' W of E EOS	BO	8/6/15	1:20 PM	2x2	P	JC	121	08/06/15	RA	BM	P	
D2086	8/5/15	P-795/P-796/P-797	Intersection	INT	Covered by D2065										
D2087	8/5/15	P-796/P-797/P-798	Intersection	INT	8/5/15	5:50 PM	2x2	P	PL	001	08/06/15	EM	BM	P	
D2088	8/5/15	P-798/P-799/P-800	Intersection	INT	8/6/15	12:15 PM	2x4	P	JC	121	08/06/15	EM	BM	P	
D2089	8/5/15	P-799/P-800/P-801	Intersection	INT	8/6/15	2:00 PM	2x3	P	JC	121	08/06/15	RA	BM	P	
D2090	8/5/15	P-799/P-801/P-802	Intersection	INT	Covered by D2072										
D2091	8/5/15	P-795/P-796	8' E of W EOS	BO	8/6/15	12:09 PM	2x3	P	JC	121	08/06/15	EM	BM	P	
D2092	8/5/15	P-801/P-802/P-803	Intersection	INT	8/6/15	1:40 PM	2x2	P	JC	121	08/06/15	RA	BM	P	
D2093	8/5/15	P-803/P-805/P-806	Intersection	INT	Covered by D2073										
D2094	8/5/15	P-803/P-806	5' W of E EOS	BO	8/6/15	2:45 PM	2x8	C	JC	121	08/06/15	RA	BM	P	Covers D2095
D2095	8/5/15	P-803/P-804/P-806	Intersection	INT	Covered by D2094										
D2096	8/5/15	P-804/P-806	At Crest	PT	8/6/15	3:35 PM	2x3	P	JC	121	08/06/15	RA	BM	P	
D2097	8/5/15	P-803/P-804	At Crest	PT	8/6/15	3:40 PM	2x4	P	JC	121	08/06/15	RA	BM	P	
D2098	8/5/15	P-797/P-798	At Crest	BO	8/6/15	3:55 PM	2x2	P	JC	121	08/06/15	RA	BM	P	
D2099	8/5/15	P-803/P-805	29' E of W EOS	PT	8/6/15	1:30 PM	2x8	P	JC	121	08/06/15	RA	BM	P	
D2100	8/5/15	P-803/P-805	60' E of W EOS	PT	8/6/15	2:10 PM	2x2	P	JC	121	08/06/15	RA	BM	P	
D2101	8/5/15	P-804/P-806	66' E of W EOS	PT	8/6/15	3:25 PM	2x3	P	JC	121	08/06/15	RA	BM	P	
D2102	8/5/15	P-518/P-778/P-779	Intersection	INT	Covered by D2069										
D2103	8/5/15	P-518/P-519/P-779	Intersection	INT	8/6/15	4:15 PM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2104	8/5/15	P-519/P-779/P-780	Intersection	INT	8/5/15	4:10 PM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2105	8/5/15	P-803/P-805	83' E of W EOS	PT	8/6/15	2:15 PM	2x2	P	JC	121	08/06/15	RA	BM	P	
D2106	8/5/15	P-519/P-523/P-781	Intersection	INT	8/5/15	4:05 PM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2107	8/5/15	P-524/P-782/P-783	Intersection	INT	8/5/15	3:45 PM	2x2	P	JC	121	08/06/15	EM	BM	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D2108	8/5/15	P-524/P-529/P-783	Intersection	INT	8/5/15	3:38 PM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2109	8/5/15	P-529/P-783/P-785	Intersection	INT	8/5/15	3:35 PM	2x3	P	JC	121	08/06/15	EM	BM	P	
D2110	8/5/15	P-529/P-530/P-785	Intersection	INT	8/5/15	3:28 PM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2111	8/5/15	P-530/P-785/P-786	Intersection	INT	8/5/15	3:24 PM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2112	8/5/15	P-530/P-533/P-786	Intersection	INT	8/5/15	3:20 PM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2113	8/5/15	P-533/P-786/P-788	Intersection	INT	8/5/15	3:15 PM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2114	8/5/15	P-533/P-534/P-788	Intersection	INT	8/5/15	3:06 PM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2115	8/5/15	P-534/P-788/P-789	Intersection	INT	8/6/15	9:50 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2116	8/5/15	P-534/P-535/P-789	Intersection	INT	8/6/15	9:30 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2117	8/5/15	P-535/P-789/P-790	Intersection	INT	8/6/15	9:10 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2118	8/5/15	P-535/P-536/P-790	Intersection	INT	8/6/15	9:00 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2119	8/5/15	P-536/P-790/P-792	Intersection	INT	8/6/15	8:50 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2120	8/5/15	P-536/P-537/P-792	Intersection	INT	8/6/15	8:40 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2121	8/5/15	P-537/P-792/P-793	Intersection	INT	8/6/15	8:30 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2122	8/5/15	P-537/P-538/P-793	Intersection	INT	8/6/15	8:15 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2123	8/5/15	P-538/P-793/P-795	Intersection	INT	8/6/15	8:05 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2124	8/5/15	P-538/P-543/P-795	Intersection	INT	8/6/15	8:00 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2125	8/5/15	P-543/P-795/P-796	Intersection	INT	8/6/15	7:55 AM	3x3	P	JC	121	08/06/15	EM	BM	P	
D2126	8/5/15	P-543/P-546/P-796	Intersection	INT	8/6/15	7:50 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2127	8/5/15	P-546/P-796/P-798	Intersection	INT	8/6/15	7:45 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2128	8/5/15	P-546/P-549/P-798	Intersection	INT	8/6/15	7:40 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2129	8/5/15	P-549/P-798/P-799	Intersection	INT	8/6/15	7:35 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2130	8/5/15	P-549/P-551/P-799	Intersection	INT	8/6/15	7:30 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2131	8/5/15	P-551/P-799/P-802	Intersection	INT	8/6/15	7:28 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2132	8/5/15	P-551/P-552/P-802	Intersection	INT	8/6/15	7:25 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2133	8/5/15	P-552/P-802/P-803/P-805	Intersection	INT	8/6/15	1:15 PM	2x3	P	JC	121	08/06/15	EM	BM	P	
D2134	8/5/15	P-552/P-554/P-805	Intersection	INT	8/6/15	7:20 AM	2x2	P	JC	121	08/06/15	EM	BM	P	
D2135	8/6/15	P-766/P-807	174' E of W EOS	BO	8/10/15	11:14 AM	2x2	P	PL	125	08/10/15	EM	TB	P	
D2136	8/6/15	P-766/P-807	DF-271	DF	8/10/15	11:18 AM	2x5	P	PL	125	08/10/15	EM	TB	P	
D2137	8/11/15	P-866/P-867/P-868	Intersection	INT	8/13/15	2:55 PM	2x2	P	PL	125	08/13/15	EM	JB	P	
D2138	8/6/15	P-809/P-810	DF-272	DF	8/10/15	9:57 AM	2x5	P	PL	125	08/10/15	EM	TB	P	
D2139	8/6/15	P-745/P-807	18' N of S EOS	PT	8/7/15	5:56 PM	4x22	C	JC	121	08/10/15	EM	TB	P	Covers D2141
D2140	8/6/15	P-809/P-810/P-811	Intersection	INT	8/10/15	11:08 AM	2x2	P	PL	121	08/10/15	EM	TB	P	
D2141	8/6/15	P-745/P-766/P-807	Intersection	INT	Covered by D2139										
D2142	8/6/15	P-745/P-807/P-808	Intersection	INT	8/7/15	5:45 PM	2x3	P	JC	121	08/10/15	EM	TB	P	
D2143	8/6/15	P-745/P-808/P-821	Intersection	INT	8/7/15	5:50 PM	2x3	P	JC	121	08/10/15	EM	TB	P	
D2144	8/6/15	P-810/P-812/P-813	Intersection	INT	8/10/15	10:07 AM	2x2	P	PL	125	08/10/15	EM	TB	P	
D2145	8/6/15	P-810/P-811/P-812	Intersection	INT	8/10/15	10:21 AM	2x5	P	PL	125	08/10/15	EM	TB	P	
D2146	8/6/15	P-814/P-815	DF-273	DF	8/10/15	10:27 AM	2x5	P	PL	125	08/10/15	EM	TB	P	
D2147	8/6/15	P-812/P-813/P-814	Intersection	INT	8/10/15	10:17 AM	2x2	P	PL	125	08/10/15	EM	TB	P	
D2148	8/6/15	P-808/P-821	DF-274	DF	8/7/15	5:40 PM	2x5	P	JC	121	08/10/15	EM	TB	P	
D2149	8/6/15	P-743/P-821	6' S of N EOS to S EOS	IO	8/8/15	2:50 PM	3x14	C	PL	001	08/10/15	EM	TB	P	Covers D2153
D2150	8/6/15	P-809/P-810/P-821	Intersection	INT	8/8/15	4:45 PM	2x6	P	PL	001	08/10/15	EM	TB	P	
D2151	8/6/15	P-808/P-809/P-821	Intersection	INT	8/8/15	4:35 PM	3x4	P	PL	001	08/10/15	EM	TB	P	
D2152	8/6/15	P-744/P-745/P-821	Intersection	INT	8/8/15	4:10 PM	2x3	P	PL	001	08/10/15	EM	TB	P	
D2153	8/6/15	P-743/P-744/P-821	Intersection	INT	Covered by D2149										

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2154	8/6/15	P-810/P-813/P-821	Intersection	INT	8/8/15	4:55 PM	2x5	P	PL	001	08/10/15	EM	TB	P	
D2155	8/6/15	P-821/P-822	37' N of S EOS	WR	8/8/15	4:19 PM	2x2	P	PL	001	08/10/15	EM	TB	P	
D2156	8/6/15	P-814/P-815/P-821	Intersection	INT	8/8/15	4:54 PM	2x5	P	GM	125	08/10/15	EM	TB	P	
D2157	8/6/15	P-816/P-821	16' S of N EOS	BO	8/8/15	4:59 PM	2x2	P	GM	125	08/10/15	EM	TB	P	
D2158	8/6/15	P-813/P-814/P-821	Intersection	INT	8/8/15	3:10 PM	2x6	P	GM	125	08/10/15	EM	TB	P	
D2159	8/6/15	P-816/P-817/P-821	Intersection	INT	8/7/15	5:00 PM	2x5	P	JC	121	08/10/15	EM	TB	P	
D2160	8/6/15	P-817/P-819/P-821	Intersection	INT	8/7/15	4:45 PM	2x3	P	JC	121	08/10/15	EM	TB	P	
D2161	8/6/15	P-819/P-820/P-821	Intersection	INT	8/7/15	4:25 PM	3x3	P	JC	121	08/10/15	EM	TB	P	
D2162	8/6/15	P-821/P-822	DF-275	DF	8/7/15	5:10 PM	2x4	P	JC	121	08/10/15	EM	TB	P	
D2163	8/6/15	P-743/P-821/P-822	Intersection	INT	Covered by D2311										
D2164	8/6/15	P-822/P-823	DF-276	DF	8/7/15	5:15 PM	2x5	P	JC	121	08/08/15	EM	TB	P	
D2165	8/6/15	P-815/P-816/P-821	Intersection	INT	8/8/15	4:15 PM	2x6	P	GM	125	08/10/15	EM	TB	P	
D2166	8/6/15	P-817/P-818/P-819	Intersection	INT	8/7/15	4:33 PM	2x2	P	JC	121	08/10/15	EM	TB	P	
D2167	8/6/15	P-818/P-819/P-820	Intersection	INT	8/7/15	4:18 PM	2x4	P	JC	121	08/10/15	EM	TB	P	
D2168	8/6/15	P-766/P-807	212' E of W EOS to W EOS	BO	8/7/15	9:30 AM	2x25	C	JC	121	08/10/15	EM	TB	P	
D2169	8/7/15	P-826/P-827	DF-277	DF	8/10/15	1:55 PM	3x6	P	JC	121	08/10/15	GA	BM	P	Covers D2172
D2170	8/7/15	P-828/P-829	DF-278	DF	8/10/15	1:00 PM	2x5	P	JC	121	08/10/15	GA	BM	P	
D2171	8/7/15	P-825/P-826/P-827	Intersection	INT	8/10/15	2:00 PM	3x4	P	JC	121	08/10/15	GA	BM	P	
D2172	8/7/15	P-826/P-827/P-829	Intersection	INT	Covered by D2169										
D2173	8/7/15	P-830/P-832	DF-280	DF	8/10/15	1:40 PM	2x5	P	JC	121	08/10/15	GA	BM	P	
D2174	8/7/15	P-829/P-830	DF-279	DF	8/10/15	2:50 PM	2x5	P	JC	121	08/10/15	GA	BM	P	
D2175	8/7/15	P-805/P-806/P-825	Intersection	INT	8/10/15	2:10 PM	3x3	P	JC	121	08/10/15	GA	BM	P	
D2176	8/7/15	P-827/P-828/P-829	Intersection	INT	8/10/15	12:55 PM	2x2	P	JC	121	08/10/15	GA	BM	P	
D2177	8/7/15	P-828/P-829/P-830	Intersection	INT	8/10/15	1:05 PM	2x2	P	JC	121	08/10/15	GA	BM	P	
D2178	8/7/15	P-806/P-825	Anchor Trench	PT	8/10/15	11:55 AM	2x5	P	JC	121	08/10/15	GA	BM	P	
D2179	8/7/15	P-831/P-833	7' E of W EOS	BO	8/8/15	4:38 PM	2x3	P	JC	121	08/10/15	GA	BM	P	
D2180	8/7/15	P-828/P-830	Anchor Trench	BO	8/10/15	11:45 AM	2x4	P	JC	121	08/10/15	GA	BM	P	
D2181	8/7/15	P-830/P-831/P-832	Intersection	INT	8/10/15	2:25 PM	2x2	P	JC	121	08/10/15	GA	BM	P	
D2182	8/7/15	P-831/P-832/P-833	Intersection	INT	8/7/15	6:00 PM	2x2	P	JC	121	08/10/15	GA	BM	P	
D2183	8/7/15	P-833/P-834/P-835	Intersection	INT	8/7/15	5:55 PM	2x2	P	JC	121	08/10/15	GA	BM	P	
D2184	8/7/15	P-834/P-835/P-837	Intersection	INT	8/7/15	5:48 PM	2x2	P	JC	121	08/10/15	GA	BM	P	
D2185	8/7/15	P-833/P-835/P-836	Intersection	INT	8/10/15	1:20 PM	2x3	P	JC	121	08/10/15	GA	BM	P	
D2186	8/7/15	P-835/P-836/P-837	Intersection	INT	8/10/15	1:25 PM	2x3	P	JC	121	08/10/15	GA	BM	P	
D2187	8/7/15	P-837/P-838/P-839	Intersection	INT	8/7/15	5:19 PM	2x3	P	JC	121	08/10/15	GA	BM	P	
D2188	8/7/15	P-838/P-839/P-841	Intersection	INT	8/8/15	3:50 PM	3x12	P	JC	121	08/10/15	GA	BM	P	Covers D1978
D2189	8/7/15	P-837/P-839/P-840	Intersection	INT	Covered by D2226										
D2190	8/7/15	P-839/P-840/P-841	Intersection	INT	8/7/15	5:00 PM	2x2	P	JC	121	08/10/15	GA	BM	P	
D2191	8/7/15	P-843/P-844/P-845	Intersection	INT	8/10/15	10:45 AM	3x5	P	JC	121	08/10/15	GA	BM	P	
D2192	8/7/15	P-837/P-840	Anchor Trench	PT	8/10/15	11:30 AM	2x2	P	JC	121	08/10/15	GA	BM	P	
D2193	8/7/15	P-807	229' E of W EOS & 4' N	DO	8/10/15	11:28 AM	2x2	P	PL	125	08/08/15	EM	TB	P	
D2194	8/7/15	P-367/P-760/P-807	Intersection	INT	8/7/15	10:50 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2195	8/7/15	P-367/P-369/P-807	Intersection	INT	8/7/15	10:52 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2196	8/7/15	P-369/P-807/P-808	Intersection	INT	8/7/15	11:02 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2197	8/7/15	P-369/P-370/P-808	Intersection	INT	8/7/15	11:04 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2198	8/7/15	P-370/P-808/P-809	Intersection	INT	8/7/15	11:14 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2199	8/7/15	P-370/P-372/P-809	Intersection	INT	8/7/15	11:16 AM	2x2	P	JC	121	08/08/15	EM	JR	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D2200	8/7/15	P-372/P-809/P-811	Intersection	INT	8/7/15	11:22 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2201	8/7/15	P-372/P-373/P-811	Intersection	INT	8/7/15	11:24 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2202	8/7/15	P-373/P-811/P-812	Intersection	INT	8/7/15	11:34 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2203	8/7/15	P-373/P-374/P-812	Intersection	INT	8/7/15	11:37 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2204	8/7/15	P-374/P-812/P-814	Intersection	INT	8/7/15	11:48 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2205	8/7/15	P-374/P-376/P-814	Intersection	INT	8/7/15	11:50 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2206	8/7/15	P-376/P-814/P-815	Intersection	INT	8/7/15	11:58 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2207	8/7/15	P-376/P-377/P-815	Intersection	INT	8/7/15	2:17 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2208	8/7/15	P-377/P-815/P-816	Intersection	INT	8/7/15	2:30 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2209	8/7/15	P-377/P-379/P-816	Intersection	INT	8/7/15	2:34 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2210	8/7/15	P-379/P-816/P-817	Intersection	INT	8/7/15	2:38 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2211	8/7/15	P-379/P-412/P-817	Intersection	INT	8/7/15	2:40 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2212	8/7/15	P-412/P-432/P-817	Intersection	INT	8/7/15	2:46 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2213	8/7/15	P-432/P-443/P-817/P-818	Intersection	INT	8/7/15	2:47 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2214	8/7/15	P-443/P-444/P-818	Intersection	INT	8/7/15	2:53 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2215	8/7/15	P-444/P-818/P-820	Intersection	INT	8/7/15	2:54 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2216	8/7/15	P-444/P-820/P-821	Intersection	INT	8/7/15	3:00 PM	2x3	P	JC	121	08/08/15	EM	JR	P	
D2217	8/7/15	P-444/P-445/P-821	Intersection	INT	8/7/15	3:05 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2218	8/7/15	P-445/P-821/P-822	Intersection	INT	8/7/15	3:10 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2219	8/7/15	P-445/P-446/P-822	Intersection	INT	8/7/15	3:15 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2220	8/7/15	P-446/P-822/P-823	Intersection	INT	8/7/15	3:21 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2221	8/7/15	P-446/P-447/P-823	Intersection	INT	8/7/15	3:24 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2222	8/7/15	P-447/P-823/P-824	Intersection	INT	8/7/15	3:30 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2223	8/7/15	P-447/P-448/P-824	Intersection	INT	8/7/15	3:35 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2224	8/7/15	P-833/P-835	DF-281	DF	8/10/15	1:30 PM	2x5	P	JC	121	08/10/15	EM	BM	P	
D2225	8/7/15	P-834/P837	DF-282	DF	8/8/15	4:45 PM	2x5	P	JC	121	08/10/15	EM	BM	P	
D2226	8/7/15	P-837/P-840	DF-283	DF	8/7/15	5:10 PM	2x7	P	JC	121	08/10/15	EM	BM	P	Covers D2189
D2227	8/7/15	P-843/P-845	DF-285	DF	8/10/15	10:15 AM	2x5	P	JC	121	08/10/15	EM	BM	P	
D2228	8/7/15	P-843/P-844	DF-284	DF	8/10/15	10:50 AM	2x5	P	JC	121	08/10/15	EM	BM	P	
D2229	8/7/15	P-845/P-846/P-849	Intersection	INT	8/8/15	5:02 PM	2x8	P	JC	121	08/10/15	EM	BM	P	
D2230	8/7/15	P-845/P-846	DF-286	DF	8/10/15	9:50 AM	2x5	P	JC	121	08/10/15	EM	BM	P	
D2231	8/7/15	P-448/P-824	DX-53	DX	8/8/15	4:18 PM	2x5	P	JC	121	08/08/15	EM	JR	P	
D2232	8/7/15	P-846/P-847	DF-287	DF	8/10/15	10:00 AM	2x5	P	JC	121	08/11/15	GA	BM	P	
D2233	8/7/15	P-845/P-847	173' W of E EOS	PT	8/8/15	5:43 PM	2x3	P	JC	121	08/11/15	GA	BM	P	
D2234	8/7/15	P-846/P-847	62' W of E EOS	BO	8/8/15	5:21 PM	2x5	P	JC	121	08/11/15	GA	BM	P	
D2235	8/7/15	P-845/P-846/P-847	Intersection	INT	8/8/15	5:38 PM	2x5	P	JC	121	08/11/15	GA	BM	P	
D2236	8/7/15	P-845/P-846	139' E of W EOS	BO	8/8/15	5:29 PM	2x3	P	JC	121	08/11/15	GA	BM	P	
D2237	8/7/15	P-843/P-845/P-849	Intersection	INT	8/8/15	4:53 PM	3x4	P	JC	121	08/11/15	GA	BM	P	
D2238	8/7/15	P-845/P-847/P-848	Intersection	INT	8/8/15	5:08 PM	3x4	P	JC	121	08/12/15	GA	BM	P	
D2239	8/8/15	P-554/P-805/P-825	Intersection	INT	8/8/15	11:00 AM	2x4	P	JC	121	08/08/15	EM	JR	P	
D2240	8/8/15	P-554/P-556/P-825	Intersection	INT	8/8/15	10:59 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2241	8/8/15	P-556/P-825/P-826	Intersection	INT	8/8/15	10:38 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2242	8/8/15	P-556/P-558/P-826	Intersection	INT	8/8/15	10:35 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2243	8/8/15	P-558/P-826/P-829	Intersection	INT	8/8/15	10:30 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2244	8/8/15	P-558/P-560/P-829	Intersection	INT	8/8/15	10:28 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2245	8/8/15	P-560/P-829/P-830	Intersection	INT	8/8/15	10:22 AM	2x2	P	JC	121	08/08/15	EM	JR	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2246	8/8/15	P-560/P-562/P-830	Intersection	INT	8/8/15	10:20 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2247	8/8/15	P-562/P-830/P-831	Intersection	INT	8/8/15	10:17 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2248	8/8/15	P-562/P-567/P-831	Intersection	INT	8/8/15	10:15 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2249	8/8/15	P-567/P-831/P-833	Intersection	INT	8/8/15	10:10 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2250	8/8/15	P-567/P-568/P-833	Intersection	INT	8/8/15	10:08 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2251	8/8/15	P-568/P-833/P-834	Intersection	INT	8/8/15	10:00 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2252	8/8/15	P-568/P-569/P-834	Intersection	INT	8/8/15	9:55 AM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2253	8/8/15	P-569/P-834/P-837	Intersection	INT	8/8/15	3:11 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2254	8/8/15	P-569/P-572/P-837	Intersection	INT	8/8/15	3:10 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2255	8/8/15	P-572/P-837/P-838	Intersection	INT	8/8/15	2:58 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2256	8/8/15	P-572/P-573/P-838	Intersection	INT	8/8/15	2:56 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2257	8/8/15	P-573/P-838/P-841	Intersection	INT	8/8/15	2:46 PM	3x3	P	JC	121	08/08/15	EM	JR	P	
D2258	8/8/15	P-573/P-574/P-841	Intersection	INT	8/8/15	2:44 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2259	8/8/15	P-574/P-841/P-842	Intersection	INT	8/8/15	2:33 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2260	8/8/15	P-574/P-575/P-842	Intersection	INT	8/8/15	2:31 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2261	8/8/15	P-575/P-842/P-843	Intersection	INT	8/8/15	2:23 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2262	8/8/15	P-575/P-576/P-843	Intersection	INT	8/8/15	2:21 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2263	8/8/15	P-576/P-843/P-849	Intersection	INT	8/8/15	2:14 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2264	8/8/15	P-576/P-577/P-849	Intersection	INT	8/8/15	2:12 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2265	8/8/15	P-577/P-846/P-849	Intersection	INT	8/8/15	2:03 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2266	8/8/15	P-577/P-578/P-846	Intersection	INT	8/8/15	2:01 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2267	8/8/15	P-578/P-846	3' N of S EOS	W	8/8/15	1:59 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2268	8/8/15	P-578/P-846/P-848	Intersection	INT	8/8/15	1:54 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2269	8/8/15	P-578/P-579/P-848	Intersection	INT	8/8/15	1:52 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2270	8/8/15	P-575/P-842/P-843	5' N of S EOS	W	8/8/15	2:28 PM	2x2	P	JC	121	08/08/15	EM	JR	P	
D2271	8/8/15	P-850/P-853	DF-288	DF	8/8/15	5:18 PM	2x5	P	PL	001	08/10/15	EM	TB	P	
D2272	8/8/15	P-853/P-854	Anchor Trench	WR	8/10/15	1:45 PM	2x3	P	PL	125	08/10/15	EM	TB	P	
D2273	8/8/15	P-852/P-854	DF-289	DF	8/8/15	3:05 PM	2x4	P	GH	125	08/10/15	EM	TB	P	
D2274	8/8/15	P-854/P-856	DF-290	DF	8/8/15	3:25 PM	2x4	P	GH	125	08/10/15	EM	TB	P	
D2275	8/8/15	P-854/P-856	180' N of S EOS	WR	8/8/15	3:10 PM	2x2	P	GH	125	08/10/15	EM	TB	P	
D2276	8/8/15	P-856/P-860	DF-291	DF	8/8/15	4:31 PM	2x4	P	GH	125	08/10/15	EM	TB	P	
D2277	8/8/15	P-824/P-850	30' S of N EOS	PT	8/8/15	4:35 PM	2x3	P	GH	125	08/10/15	EM	TB	P	
D2278	8/8/15	P-861/P-866	DF-292	DF	8/8/15	5:40 PM	2x5	P	PL	001	08/10/15	EM	TB	P	
D2279	8/8/15	P-850/P-852/P-853	Intersection	INT	8/10/15	2:00 PM	2x3	P	PL	001	08/13/10	EM	JR	P	
D2280	8/8/15	P-852/P-853/P-854	Intersection	INT	8/10/15	2:05 PM	3x5	P	PL	001	08/13/10	EM	JR	P	
D2281	8/8/15	P-850/P-851/P-852	Intersection	INT	8/8/15	2:58 PM	2x3	P	GH	125	08/10/15	EM	TB	P	
D2282	8/8/15	P-851/P-852/P-854	Intersection	INT	8/8/15	2:30 PM	2x2	P	GH	125	08/10/15	EM	TB	P	
D2283	8/8/15	P-851/P-854/P-855	Intersection	INT	8/8/15	2:45 PM	2x2	P	GH	125	08/10/15	EM	TB	P	
D2284	8/8/15	P-854/P-855/P-856	Intersection	INT	8/8/15	2:33 PM	2x2	P	GH	125	08/10/15	EM	TB	P	
D2285	8/8/15	P-856/P-858/P-859	Intersection	INT	8/8/15	3:30 PM	2x2	P	GH	125	08/10/15	EM	TB	P	
D2286	8/8/15	P-858/P-859/P-861	Intersection	INT	8/8/15	3:35 PM	2x2	P	GH	125	08/10/15	EM	TB	P	
D2287	8/8/15	P-856/P-857/P-858	Intersection	INT	8/8/15	4:15 PM	2x3	P	GH	125	08/13/15	EM	JR	P	
D2288	8/8/15	P-857/P-858/P-861	Intersection	INT	8/8/15	4:06 PM	2x3	P	GH	125	08/13/15	EM	JR	P	
D2289	8/8/15	P-856/P-857/P-860	Intersection	INT	8/8/15	4:30 PM	2x2	P	GH	125	08/10/15	EM	TB	P	
D2290	8/8/15	P-857/P-860/P-861	Intersection	INT	8/8/15	4:22 PM	2x3	P	GH	125	08/10/15	EM	TB	P	
D2291	8/8/15	P-861/P-862/P-863	Intersection	INT	8/8/15	3:58 PM	2x3	P	GH	125	08/10/15	EM	TB	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2292	8/8/15	P-861/P-863/P-864	Intersection	INT	8/8/15	3:40 PM	2x2	P	GH	125	08/10/15	EM	TB	P	
D2293	8/8/15	P-861/P-864/P-865	Intersection	INT	8/8/15	3:48 PM	2x2	P	GH	125	08/10/15	EM	TB	P	
D2294	8/8/15	P-861/P-865/P-866	Intersection	INT	8/10/15	3:10 PM	3x3	P	PL	125	08/13/15	EM	JR	P	
D2295	8/8/15	P-861/P-866/P-867	Intersection	INT	8/8/15	5:35 PM	3x3	P	PL	125	08/10/15	EM	TB	P	
D2296	8/8/15	P-448/P-824/P-850	Intersection	INT	8/10/15	1:25 PM	2x3	P	RA	001	08/10/15	EM	TB	P	
D2297	8/8/15	P-448/P-449/P-850	Intersection	INT	8/10/15	10:10 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2298	8/8/15	P-449/P-850/P-851	Intersection	INT	8/10/15	10:15 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2299	8/8/15	P-449/P-450/P-851	Intersection	INT	8/10/15	10:20 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2300	8/8/15	P-450/P-851/P-855	Intersection	INT	8/10/15	1:35 PM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2301	8/8/15	P-450/P-451/P-855	Intersection	INT	8/10/15	10:35 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2302	8/8/15	P-451/P-855/P-856	Intersection	INT	8/10/15	10:40 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2303	8/8/15	P-451/P-469/P-856	Intersection	INT	8/10/15	11:03 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2304	8/8/15	P-469/P-856/P-860	Intersection	INT	8/10/15	11:25 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2305	8/8/15	P-469/P-470/P-860	Intersection	INT	8/10/15	11:30 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2306	8/8/15	P-470/P-860/P-861	Intersection	INT	8/10/15	11:32 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2307	8/8/15	P-470/P-471/P-861	Intersection	INT	8/10/15	11:35 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2308	8/8/15	P-471/P-861/P-862	Intersection	INT	8/10/15	11:55 AM	2x2	P	RA	001	08/10/15	EM	TB	P	
D2309	8/8/15	P-471/P-472/P-862	Intersection	INT	8/10/15	5:01 PM	2x2	P	EM	001	08/10/15	EM	TB	P	
D2310	8/8/15	P-572/P-837	DX-54	DX	8/8/15	4:08 PM	2x5	P	JC	121	08/08/15	EM	JR	P	
D2311	8/8/15	P-743/P-822	Intersection	INT	8/8/15	3:56 PM	3x6	P	PL	001	08/10/15	EM	TB	P	Covers D2163
D2312	8/8/15	P-743/P-822	Ending Seam	FS	8/8/15	3:54 PM	2x8	C	PL	001	08/10/15	EM	TB	P	
D2313	8/8/15	P-824/P-850	2' N of S EOS	WR	8/8/15	5:09 PM	2x4	P	PL	001	08/10/15	EM	TB	P	
D2314	8/8/15	P-723/P-821/P-822	Intersection	INT	8/8/15	3:40 PM	2x8	P	PL	001	08/10/15	EM	TB	P	
D2315	8/10/15	P-844/P-845/P-847	Intersection	INT	8/10/15	11:10 AM	3x4	P	PL	001	08/11/15	GA	BM	P	
D2316	8/10/15	P-472/P-862	DX-55	DX	8/10/15	1:20 PM	2x4	P	RA	001	08/13/15	EM	JB	P	
D2317	8/10/15	P-765/P-766	20' W of E EOS	W	8/7/15	9:00 AM	3x3	P	JC	121	08/10/15	EM	JR	P	
D2318	8/11/15	P-865/P-866/P-868	Intersection	INT	8/13/15	2:46 PM	2x2	P	PL	125	08/13/15	EM	JB	P	
D2319	8/11/15	P-867/P-868	Anchor Trench	WR	8/13/15	9:27 AM	2x3	P	PL	125	08/13/15	EM	JB	P	
D2320	8/11/15	P-864/P-865/P-868	Intersection	INT	8/13/15	2:41 PM	2x3	P	PL	125	08/13/15	EM	JB	P	
D2321	8/11/15	P-863/P-864/P-868	Intersection	INT	8/13/15	2:35 PM	2x2	P	PL	125	08/13/15	EM	JB	P	
D2322	8/11/15	P-862/P-863/P-868	Intersection	INT	8/13/15	3:53 PM	2x3	P	PL	125	08/13/15	EM	JB	P	
D2323	8/11/15	P-862/P-868	DF-293	DF	8/13/15	4:04 PM	2x5	P	PL	125	08/13/15	EM	JB	P	
D2324	8/11/15	P-862/P-868	35' N of S EOS	DO	8/13/15	4:15 PM	2x2	P	PL	125	08/13/15	EM	JB	P	
D2325	8/11/15	P-862/P-868	45' N of S EOS	DO	8/12/15	11:30 AM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2326	8/11/15	P-869/P-870	DF-294	DF	8/12/15	12:00 PM	2x4	P	JC	121	08/13/15	EM	JB	P	Covers D2331
D2327	8/11/15	P-472/P-862/P-868	Intersection	INT	8/12/15	11:35 AM	2x3	P	JC	121	08/13/15	EM	JB	P	
D2328	8/11/15	P-472/P-474/P-868	Intersection	INT	8/12/15	11:40 AM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2329	8/11/15	P-474/P-868/P-869	Intersection	INT	8/12/15	11:45 AM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2330	8/11/15	P-474/P-476/P-869	Intersection	INT	8/12/15	11:50 AM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2331	8/11/15	P-476/P-869/P-870	Intersection	INT	8/12/15						Covered by D2326				
D2332	8/11/15	P-476/P-478/P-870	Intersection	INT	8/12/15	12:50 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2333	8/12/15	P-870/P-871	DF-295	DF	8/13/15	2:23 PM	2x5	P	PL	125	08/13/15	EM	JB	P	
D2334	8/12/15	P-870/P-871/P-873	At Crest	WR	8/13/15	9:38 AM	2x4	P	PL	125	08/13/15	EM	JB	P	
D2335	8/12/15	P-871/P-872/P-873	Intersection	INT	8/13/15	2:16 PM	2x5	P	PL	125	08/13/15	EM	JB	P	
D2336	8/12/15	P-478/P-870/P-871	Intersection	INT	8/12/15	12:55 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2337	8/12/15	P-478/P-479/P-871	Intersection	INT	8/12/15	1:00 PM	2x2	P	JC	121	08/13/15	EM	JB	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2338	8/12/15	P-479/P-871/P-872	Intersection	INT	8/12/15	1:05 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2339	8/12/15	P-479/P-480/P-872	Intersection	INT	8/12/15	1:10 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2340	8/12/15	P-480/P-872/P-873	Intersection	INT	8/12/15	1:15 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2341	8/12/15	P-480/P-588/P-873	Intersection	INT	8/12/15	1:20 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2342	8/12/15	P-588/P-873/P-874	Intersection	INT	8/12/15	1:25 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2343	8/12/15	P-588/P-589/P-874	Intersection	INT	8/12/15	1:30 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2344	8/12/15	P-589/P-574/P-875	Intersection	INT	8/12/15	1:35 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2345	8/12/15	P-874/P-875/P-876	Intersection	INT	8/13/15	1:05 PM	3x4	P	PL	125	08/13/15	EM	JB	P	
D2346	8/12/15	P-874/P-876/P-877	Intersection	INT	8/13/15	Covered by D2347									
D2347	8/12/15	P-876/P-877	DF-296	DF	8/13/15	1:39 PM	2x7	P	PL	125	08/13/15	EM	JB	P	Covers D2346
D2348	8/12/15	P-874/P-876	DF-297	DF	8/13/15	1:47 PM	2x5	P	PL	125	08/13/15	EM	JB	P	
D2349	8/12/15	P-876/P-877/P-878	Intersection	INT	8/13/15	1:34 PM	2x5	P	PL	125	08/13/15	EM	JB	P	
D2350	8/12/15	P-875/P-876/P-878	Intersection	INT	8/13/15	12:56 PM	2x5	P	PL	125	08/13/15	EM	JB	P	
D2351	8/12/15	P-878/P-881	Anchor Trench		8/13/15	9:53 AM	2x4	P	PL	125	08/13/15	EM	JB	P	
D2352	8/12/15	P-878/P-880/P-881	Intersection	INT	8/13/15	12:50 PM	3x4	P	PL	125	08/13/15	EM	JB	P	
D2353	8/12/15	P-878/P-879/P-880	Intersection	INT	8/13/15	1:50 PM	2x2	P	PL	125	08/13/15	EM	TB	P	
D2354	8/12/15	P-878/P-879	DF-298	DF	8/13/15	1:15 PM	2x5	P	PL	125	08/14/15	EM	JR	P	
D2355	8/12/15	P-880/P-882	DF-299	DF	8/13/15	1:20 PM	2x5	P	PL	125	08/13/15	EM	JB	P	
D2356	8/12/15	P-879/P-880/P-882	Intersection	INT	8/13/15	1:45 PM	2x3	P	PL	125	08/13/15	EM	TB	P	
D2357	8/12/15	P-880/P-881/P-882	Intersection	INT	8/13/15	11:50 AM	2x3	P	PL	125	08/13/15	EM	TB	P	
D2358	8/12/15	P-881/P-882	Anchor Trench	WR	8/13/15	9:58 AM	2x6	P	PL	125	08/13/15	EM	TB	P	Covers D2361
D2359	8/12/15	P-882/P-883/P-884	Intersection	INT	8/13/15	12:45 PM	2x10	P	JC	121	08/13/15	EM	TB	P	
D2360	8/12/15	P-885/P-886	DF-300	DF	8/13/15	12:25 PM	2x11	P	PL	125	08/13/15	EM	TB	P	Covers D2362
D2361	8/12/15	P-882/P-884	Anchor Trench	PT	8/13/15	Covered by D2358									
D2362	8/12/15	P-885/P-886/P-887	Intersection	INT	8/13/15	Covered by D2360									
D2363	8/12/15	P-879/P-880/P-882	12' E of W EOS	BO	8/13/15	1:50 PM	2x3	P	JC	121	08/13/15	EM	TB	P	
D2364	8/12/15	P-884	10' S of N EOS & 2' E	DO	8/13/15	11:42 AM	2x2	P	RA	001	08/13/15	EM	JR	P	
D2365	8/12/15	P-887/P-888/P-889	Intersection	INT	8/13/15	11:45 AM	2x3	P	JC	121	08/13/15	EM	TB	P	
D2366	8/12/15	P-887/P-889/P-890	Intersection	INT	8/13/15	11:14 AM	2x3	P	PL	125	08/13/15	EM	TB	P	
D2367	8/12/15	P-887/P-890/P-891	Intersection	INT	8/13/15	Covered by D2369									
D2368	8/12/15	P-887/P-890	DF-301	DF	8/13/15	10:58 AM	3x6	P	PL	125	08/13/15	EM	JR	P	
D2369	8/12/15	P-890/P-891	DF-302	DF	8/13/15	10:39 AM	2x4	P	PL	125	08/13/15	EM	TB	P	Covers D2367
D2370	8/12/15	P-890/P-891/P-892	Intersection	INT	8/13/15	10:50 AM	2x3	P	PL	125	08/13/15	EM	TB	P	
D2371	8/12/15	P-889/P-890/P-892	Intersection	INT	8/13/15	11:08 AM	2x2	P	PL	125	08/13/15	EM	TB	P	
D2372	8/12/15	P-888/P-889/P-892	Intersection	INT	8/13/15	11:40 AM	2x2	P	JC	121	08/13/15	EM	TB	P	
D2373	8/12/15	P-590/P-875/P-878	Intersection	INT	8/12/15	1:45 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2374	8/12/15	P-590/P-591/P-878	Intersection	INT	8/12/15	1:50 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2375	8/12/15	P-591/P-878/P-879	Intersection	INT	8/12/15	1:55 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2376	8/12/15	P-591/P-592/P-879	Intersection	INT	8/12/15	2:00 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2377	8/12/15	P-592/P-879/P-882	Intersection	INT	8/12/15	2:05 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2378	8/12/15	P-592/P-593/P-882	Intersection	INT	8/12/15	2:10 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2379	8/12/15	P-593/P-882/P-883	Intersection	INT	8/12/15	2:15 PM	2x2	P	JC	121	08/13/15	EM	JR	P	
D2380	8/12/15	P-593/P-595/P-883	Intersection	INT	8/12/15	2:20 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2381	8/12/15	P-595/P-883/P-884	Intersection	INT	8/12/15	5:00 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2382	8/12/15	P-595/P-596/P-884	Intersection	INT	8/13/15	9:45 AM	2x2	P	RA	001	08/13/15	EM	JB	P	
D2383	8/12/15	P-596/P-884/P-885	Intersection	INT	8/13/15	9:55 AM	2x2	P	RA	001	08/13/15	EM	TB	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2384	8/12/15	P-882/P-883	25' N to 52' N	PT	8/13/15	1:00 PM	2x33	C	JC	121	08/13/15	EM	TB	P	
D2385	8/12/15	P-596/P-597/P-885	Intersection	INT	8/13/15	10:05 AM	2x2	P	RA	001	08/13/15	EM	TB	P	
D2386	8/12/15	P-597/P-885/P-886	Intersection	INT	8/13/15	10:15 AM	2x	P	RA	001	08/13/15	EM	TB	P	
D2387	8/12/15	P-597/P-598/P-886	Intersection	INT	8/13/15	10:22 AM	3x5	P	RA	001	08/13/15	EM	TB	P	
D2388	8/12/15	P-598/P-886/P-887	Intersection	INT	8/13/15	11:30 AM	2x2	P	RA	001	08/13/15	EM	TB	P	
D2389	8/12/15	P-598/P-599/P-887	Intersection	INT	8/13/15	10:36 AM	2x	P	RA	001	08/13/15	EM	TB	P	
D2390	8/12/15	P-599/P-887/P-888	Intersection	INT	8/13/15	10:47 AM	2x2	P	RA	001	08/13/15	EM	TB	P	
D2391	8/12/15	P-599/P-600/P-888	Intersection	INT	8/13/15	10:57 AM	2x2	P	RA	001	08/13/15	EM	TB	P	
D2392	8/12/15	P-600/P-888/P-892	Intersection	INT	8/13/15	11:05 AM	2x2	P	RA	001	08/13/15	EM	TB	P	
D2393	8/12/15	P-600/P-601/P-892	Intersection	INT	8/13/15	11:11 AM	2x2	P	RA	001	08/13/15	EM	TB	P	
D2394	8/12/15	P-589/P-590/P-875	Intersection	INT	8/12/15	1:40 PM	2x2	P	JC	121	08/13/15	EM	JB	P	
D2395	8/12/15	P-595/P-883	DX-56	DX	8/13/15	12:00 PM	2x4	P	RA	001	08/14/15	EM	JR	P	
D2396	8/13/15	P-601/P-892	DX-57	DX	8/13/15	9:35 AM	2x5	P	PL	125	08/13/15	EM	JB	P	
D2397	8/8/15	P-824/P-850	At Crest	WR	8/8/15	12:09 PM	2x6	P	PL	001	08/13/15	EM	JB	P	
D2398	8/13/15	P-894/P-898	10' S of N EOS	PT	8/14/15	10:45 AM	2x24	C	JC	121	08/14/15	OT	JB	P	Covers D2405, D2408
D2399	8/13/15	P-847/P-893	DF-303	DF	8/14/15	11:00 AM	2x5	P	JC	121	08/17/15	EM	TB	P	
D2400	8/13/15	P-893/P-894	DF-304	DF	8/14/15	11:50 AM	2x5	P	JC	121	08/17/15	EM	TB	P	
D2401	8/13/15	P-894/P-895	DF-305	DF	8/14/15	12:00 PM	2x5	P	JC	121	08/17/15	EM	TB	P	
D2402	8/13/15	P-895/P-896	DF-306	DF	8/14/15	12:05 PM	2x5	P	JC	121	08/17/15	EM	TB	P	
D2403	8/13/15	P-847/P-893/P-897	Intersection	INT	8/14/15	10:25 AM	2x6	P	JC	121	08/14/15	OT	JB	P	
D2404	8/13/15	P-847/P-848/P-897	Intersection	INT	8/14/15	10:10 AM	2x3	P	JC	121	08/14/15	OT	JB	P	
D2405	8/13/15	P-893/P-894/P-898	Intersection	INT	8/14/15	Covered by D2398									
D2406	8/13/15	P-893/P-897/P-898	Intersection	INT	8/14/15	10:00 AM	2x3	P	JC	121	08/14/15	OT	JB	P	
D2407	8/13/15	P-894/P-895/P-899	Intersection	INT	8/14/15	11:10 AM	2x4	P	JC	121	08/14/15	OT	JB	P	
D2408	8/13/15	P-894/P-898/P-899	Intersection	INT	8/14/15	Covered by D2398									
D2409	8/13/15	P-582/P-583/P-899	Intersection	INT	8/14/15	9:20 AM	2x2	P	JC	121	08/14/15	OT	JB	P	
D2410	8/14/15	P-579/P-897	DX-58	DX	8/14/15	5:33 PM	2x5	P	RA	121	08/17/15	EM	TB	P	
D2411	8/13/15	P-582/P-898/P-899	Intersection	INT	8/14/15	9:30 AM	2x2	P	JC	121	08/14/15	OT	JB	P	
D2412	8/13/15	P-580/P-582/P-898	Intersection	INT	8/14/15	9:35 AM	2x2	P	JC	121	08/14/15	OT	JB	P	
D2413	8/13/15	P-580/P-897/P-898	Intersection	INT	8/14/15	10:15 AM	2x2	P	JC	121	08/14/15	OT	JB	P	
D2414	8/13/15	P-579/P-580/P-897	Intersection	INT	8/14/15	9:45 AM	2x2	P	JC	121	08/14/15	OT	JB	P	
D2415	8/13/15	P-579/P-848/P-847	Intersection	INT	8/14/15	9:50 AM	2x2	P	JC	121	08/14/15	OT	JB	P	
D2416	8/13/15	P-897	4' E & 10' N	DO	8/14/15	10:05 AM	2x4	P	JC	121	08/14/15	OT	JB	P	
D2417	8/14/15	P-896/P-900	DF-307	DF	8/14/15	5:15 PM	2x5	P	RA	121	08/17/15	EM	TB	P	
D2418	8/14/15	P-896/P-900	At Crest	WR	8/14/15	5:00 PM	2x6	P	RA	121	08/17/15	EM	TB	P	
D2419	8/14/15	P-896/P-900/P-901	Intersection	INT	8/14/15	4:10 PM	2x3	P	RA	121	08/17/15	EM	TB	P	
D2420	8/14/15	P-896/P-901/P-902	Intersection	INT	8/14/15	4:38 PM	2x4	P	RA	121	08/17/15	EM	TB	P	
D2421	8/14/15	P-895/P-896/P-901	Intersection	INT	8/14/15	3:50 PM	2x4	P	RA	121	08/17/15	EM	TB	P	
D2422	8/14/15	P-895/P-899/P-901	Intersection	INT	8/14/15	3:40 PM	2x2	P	RA	121	08/17/15	EM	TB	P	
D2423	8/14/15	P-583/P-899/P-901	Intersection	INT	8/14/15	5:51 PM	2x2	P	RA	121	08/17/15	EM	TB	P	
D2424	8/14/15	P-583/P-585/P-901	Intersection	INT	8/14/15	5:56 PM	2x2	P	RA	121	08/17/15	EM	TB	P	
D2425	8/14/15	P-583/P-901/P-902	Intersection	INT	8/14/15	6:02 PM	2x2	P	RA	121	08/17/15	EM	TB	P	
D2426	8/14/15	P-585/P-603/P-902	Intersection	INT	8/14/15	6:07 PM	2x2	P	RA	121	08/17/15	EM	TB	P	
D2427	8/21/15	P-905/P-906	DF-308	DF	8/21/15	1:40 PM	2x5	P	JC	121	08/21/15	EM	BM	P	
D2428	8/21/15	P-697/P-903	Anchor Trench	WR	8/21/15	1:20 PM	4x12	P	JC	121	08/21/15	EM	BM	P	Covers D2429
D2429	8/21/15	P-903/P-905	Anchor Trench	WR	8/21/15	Covered by D2428									

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D2430	8/21/15	P-906/P-907	DF-309	DF	8/21/15	12:50 PM	2x5	P	JC	121	08/21/15	EM	BM	P	
D2431	8/21/15	P-903/P-904/P-905	Intersection	INT	8/21/15	12:45 PM	3x7	P	JC	121	08/21/15	EM	BM	P	
D2432	8/21/15	P-697/P-698/P-903	Intersection	INT	8/21/15	11:50 AM	2x6	P	JC	121	08/21/15	EM	BM	P	
D2433	8/21/15	P-698/P-903	12' S of N EOS	PT	8/21/15	12:00 PM	2x2	P	JC	121	08/21/15	EM	BM	P	
D2434	8/21/15	P-909/P-910	130' S of N EOS	W	8/21/15	Covered by D2441									
D2435	8/21/15	P-911/P-912	DF-310	DF	8/21/15	3:20 PM	2x5	P	JC	121	08/21/15	EM	BM	P	
D2436	8/21/15	P-914/P-915	DF-311	DF	8/21/15	2:55 PM	2x5	P	JC	121	08/21/15	EM	BM	P	
D2437	8/21/15	P-907/P-908	Anchor Trench	WR	8/21/15	2:00 PM	2x6	P	JC	121	08/21/15	EM	BM	P	
D2438	8/21/15	P-905/P-906	Anchor Trench	WR	8/21/15	1:30 PM	2x6	P	JC	121	08/21/15	EM	BM	P	
D2439	8/21/15	P-921/P-922	DF-312	DF	8/21/15	5:30 PM	2x5	P	JC	121	08/21/15	EM	BM	P	
D2440	8/21/15	P-925/P-926	DF-313	DF	8/21/15	5:20 PM	2x5	P	JC	121	08/21/15	EM	BM	P	
D2441	8/21/15	P-909	130' S of N EOS & 10'E	W	8/21/15	4:10 PM	3x11	P	JC	121	08/21/15	EM	BM	P	Covers D2434
D2442	8/22/15	P-635/P-932	DF-314	DF	8/22/15	6:20 PM	2x26	P	JC	125	08/23/15	EM	BM	P	Covers D2472, D2473
D2443	8/22/15	P-933/P-934	DF-315	DF	8/22/15	4:27 PM	2x5	P	JC	125	08/22/15	EM	BM	P	
D2444	8/22/15	P-635/P-932	Anchor Trench	WR	8/22/15	3:28 PM	2x2	P	JC	125	08/22/15	EM	BM	P	
D2445	8/22/15	P-934/P-935	Anchor Trench	BO	8/22/15	3:33 PM	3x3	P	JC	125	08/22/15	EM	BM	P	
D2446	8/22/15	P-935/P-936	DF-316	DF	8/22/15	4:04 PM	2x5	P	JC	125	08/22/15	EM	BM	P	
D2447	8/22/15	P-936/P-937	DF-317	DF	8/22/15	4:55 PM	2x5	P	JC	125	08/22/15	EM	BM	P	
D2448	8/22/15	P-937/P-938	DF-318	DF	8/22/15	3:55 PM	2x5	P	JC	125	08/22/15	EM	BM	P	
D2449	8/22/15	P-936/P-937	167' E of W EOS	BO	8/22/15	4:10 PM	2x5	P	PL	125	08/22/15	EM	BM	P	
D2450	8/22/15	P-938/P-939	DF-319	DF	8/22/15	4:40 PM	2x5	P	PL	125	08/22/15	EM	BM	P	
D2451	8/22/15	P-634/P-633/P-932	Intersection	INT	8/22/15	2:30 PM	2x3	P	JC	121	08/22/15	EM	BM	P	
D2452	8/22/15	P-933/P-934	66' E of W EOS	IO	8/22/15	2:40 PM	2x4	P	JC	121	08/22/15	EM	BM	P	
D2453	8/22/15	P-933/P-934	107' W of E EOS	PT	8/22/15	3:00 PM	2x5	P	JC	121	08/22/15	EM	BM	P	
D2454	8/22/15	P-934/P-935	16' W of E EOS	BO	8/22/15	3:38 PM	2x2	P	PL	125	08/22/15	EM	BM	P	
D2455	8/22/15	P-938/P-939	Anchor Trench	WR	8/22/15	3:48 PM	2x5	P	PL	125	08/22/15	EM	BM	P	
D2456	8/22/15	P-114/P-634/P-932	Intersection	INT	8/22/15	3:30 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2457	8/22/15	P-114/P-636/P-932	Intersection	INT	8/22/15	3:15 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2458	8/22/15	P-636/P-932/P-933	Intersection	INT	8/22/15	4:00 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2459	8/22/15	P-636/P-637/P-933	Intersection	INT	8/22/15	4:10 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2460	8/22/15	P-637/P-933/P-934	Intersection	INT	8/22/15	3:32 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2461	8/22/15	P-637/P-638/P-934	Intersection	INT	8/22/15	3:45 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2462	8/22/15	P-638/P-934/P-935	Intersection	INT	8/22/15	4:30 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2463	8/22/15	P-938/P-939/P-935	Intersection	INT	8/22/15	4:22 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2464	8/22/15	P-639/P-935/P-936	Intersection	INT	8/22/15	4:20 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2465	8/22/15	P-639/P-640/P-936	Intersection	INT	8/22/15	5:39 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2466	8/22/15	P-640/P-936/P-937	Intersection	INT	8/22/15	5:37 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2467	8/22/15	P-640/P-641/P-937	Intersection	INT	8/22/15	5:33 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2468	8/22/15	P-641/P-937/P-938	Intersection	INT	8/22/15	5:29 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2469	8/22/15	P-641/P-644/P-938	Intersection	INT	8/22/15	5:24 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2470	8/22/15	P-644/P-938/P-938	Intersection	INT	8/22/15	5:22 PM	2x2	P	JC	121	08/22/15	EM	BM	P	
D2471	8/22/15	P-644/P-645/P-939	Intersection	INT	8/22/15	5:20 PM	2x2	P	JC	121	08/23/15	EM	BM	P	
D2472	8/22/15	P-635/P-932	DF-314A	DF	8/22/15	Covered by D2442									
D2473	8/22/15	P-635/P-932	DF-314B	DF	8/22/15	Covered by D2442									
D2474	8/23/15	P-639/P-936	DX-59	DX	8/23/15	5:20 PM	2x5	P	JC	121	08/23/15	GH	JR	P	
D2475	8/23/15	P-939/P-940	47' E of W EOS	W	8/23/15	5:30 PM	2x6	P	JC	121	08/24/15	EM	MJ	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D2476	8/23/15	P-939/P-940	Anchor Trench	PT	8/23/15	4:45 PM	2x2	P	PL	125	08/24/15	EM	MJ	P	
D2477	8/23/15	P-941/P-942	DF-320	DF	8/23/15	5:10 PM	2x5	P	PL	125	08/24/15	EM	MJ	P	
D2478	8/23/15	P-942/P-944	DF-321	DF	8/23/15	5:50 PM	2x5	P	PL	125	08/24/15	EM	MJ	P	
D2479	8/23/15	P-947/P-948	DF-322	DF	8/23/15	5:37 PM	2x5	P	PL	125	08/24/15	EM	MJ	P	
D2480	8/23/15	P-942/P-943/P-944	Intersection	INT	8/23/15	5:18 PM	2x3	P	PL	125	08/24/15	EM	MJ	P	
D2481	8/23/15	P-948/P-949	DF-323	DF	8/23/15	5:43 PM	2x5	P	PL	125	08/24/15	EM	MJ	P	
D2482	8/23/15	P-941/P-942/P-943	Intersection	INT	8/23/15	5:05 PM	2x2	P	PL	125	08/24/15	EM	MJ	P	
D2483	8/23/15	P-945/P-946/P-947	Intersection	INT	8/23/15	5:24 PM	2x3	P	PL	125	08/24/15	EM	MJ	P	
D2484	8/23/15	P-946/P-947/P-948	Intersection	INT	8/23/15	5:30 PM	2x3	P	PL	125	08/24/15	EM	MJ	P	
D2485	8/23/15	P-940/P-941	Anchor Trench	PT	8/23/15	4:50 PM	2x3	P	PL	125	08/24/15	EM	MJ	P	
D2486	8/23/15	P-948/P-949	215' W of E EOS	W	8/23/15	5:45 PM	2x5	P	JC	121	08/24/15	EM	MJ	P	
D2487	8/23/15	P-943/P-944	Anchor Trench	PT	8/23/15	4:55 PM	2x2	P	PL	125	08/24/15	EM	MJ	P	
D2488	8/23/15	P-645/P-939/P-940	Intersection	INT	8/23/15	4:00 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2489	8/23/15	P-645/P-646/P-940	Intersection	INT	8/23/15	3:55 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2490	8/23/15	P-646/P-940/P-941	Intersection	INT	8/23/15	3:50 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2491	8/23/15	P-646/P-647/P-941	Intersection	INT	8/23/15	3:47 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2492	8/23/15	P-647/P-941/P-942	Intersection	INT	8/23/15	3:42 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2493	8/23/15	P-647/P-648/P-942	Intersection	INT	8/23/15	3:38 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2494	8/23/15	P-648/P-942/P-944	Intersection	INT	8/23/15	3:34 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2495	8/23/15	P-648/P-650/P-944	Intersection	INT	8/23/15	3:28 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2496	8/23/15	P-650/P-944/P-945	Intersection	INT	8/23/15	3:23 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2497	8/23/15	P-650/P-951/P-945	Intersection	INT	8/23/15	3:18 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2498	8/23/15	P-651/P-945/P-946	Intersection	INT	8/23/15	5:08 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2499	8/23/15	P-651/P-652/P-946	Intersection	INT	8/23/15	5:00 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2500	8/23/15	P-652/P-946/P-948	Intersection	INT	8/23/15	4:58 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2501	8/23/15	P-652/P-946/P-948	Intersection	INT	8/23/15	4:55 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2502	8/23/15	P-653/P-948/P-949	Intersection	INT	8/23/15	4:50 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2503	8/23/15	P-653/P-948/P-949	Intersection	INT	8/23/15	4:40 PM	2x2	P	JC	121	08/23/15	GH	JR	P	
D2504	8/23/15	P-941	4' S of N EOS & 3'E	DO	8/23/15	4:05 PM	2x2	P	JC	121	08/24/15	EL	MJ	P	
D2505	8/23/15	P-651/P-946	DX-60	DX	8/24/15	1:58 PM	2x5	P	JC	121	08/26/15	GH	SW	P	
D2506	8/24/15	P-949/P-951	103' W of E EOS	WR	8/24/15	4:15 PM	2x8	P	PL	121	08/26/15	EM	SW	P	Covers D2509
D2507	8/24/15	P-952/P-953	DF-324	DF	8/24/15	3:55 PM	2x4	P	PL	125	08/26/15	EM	SW	P	
D2508	8/24/15	P-953/P-955	DF-325	DF	8/24/15	3:45 PM	2x5	P	PL	121	08/26/15	GH	SW	P	
D2509	8/24/15	P-949/P-950/P-951	Intersection	INT	Covered by D2506										
D2510	8/24/15	P-950/P-951/P-952	Intersection	INT	8/24/15	4:10 PM	2x2	P	PL	125	cc	EM	SW	P	
D2511	8/24/15	P-953/P-954/P-955	Intersection	INT	8/24/15	3:35 PM	2x3	P	PL	121	08/26/15	EM	SW	P	
D2512	8/24/15	P-954/P-955/P-956	Intersection	INT	8/24/15	3:30 PM	2x3	P	PL	121	08/26/15	EM	SW	P	
D2513	8/24/15	P-949/P-951	Anchor Trench	WR	8/24/15	2:10 PM	2x3	P	PL	121	08/26/15	GH	SW	P	
D2514	8/24/15	P-957/P-959	DF-326	DF	8/24/15	3:10 PM	2x4	P	PL	121	08/26/15	EM	SW	P	
D2515	8/24/15	P-957/P-958/P-959	Intersection	INT	8/24/15	3:25 PM	2x3	P	PL	125	08/26/15	EM	SW	P	
D2516	8/24/15	P-958/P-959/P-960	Intersection	INT	8/24/15	3:05 PM	2x3	P	PL	125	08/26/15	EM	SW	P	
D2517	8/24/15	P-959/P-960	DF-327	DF	8/24/15	2:55 PM	2x4	P	PL	125	08/26/15	EM	SW	P	
D2518	8/24/15	P-960/P-961	35' E of W EOS	BO	8/24/15	3:50 PM	2x3	P	JC	121	08/26/15	EM	SW	P	
D2519	8/24/15	P-959/P-960/P-962	Anchor Trench	WR	8/24/15	2:45 PM	2x4	P	PL	125	08/26/15	GH	SW	P	
D2520	8/24/15	P-960/P-961/P-962	Intersection	INT	8/24/15	3:20 PM	2x6	P	PL	125	08/26/15	TM	SW	P	
D2521	8/24/15	P-961/P-962	DF-328	DF	8/24/15	3:45 PM	2x4	P	JC	121	08/26/15	GH	SW	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2522	8/24/15	P-654/P-949/P-950	Intersection	INT	8/24/15	12:30 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2523	8/24/15	P-655/P-656/P-952/P-953	Intersection	INT	8/24/15	12:10 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2524	8/24/15	P-654/P-655/P-950	Intersection	INT	8/24/15	12:13 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2525	8/24/15	P-655/P-950/P-952	Intersection	INT	8/24/15	12:20 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2526	8/24/15	P-656/P-657/P-953/P-954	Intersection	INT	8/24/15	12:02 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2527	8/24/15	P-657/P-658/P-954	Intersection	INT	8/24/15	11:56 AM	2x2	P	JC	121	08/24/15	GH	MJ	P	
D2528	8/24/15	P-658/P-954/P-956	Intersection	INT	8/24/15	11:55 AM	2x2	P	JC	121	08/24/15	GH	MJ	P	
D2529	8/24/15	P-659/P-658/P-956	Intersection	INT	8/24/15	11:52 AM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2530	8/24/15	P-659/P-956/P-957	Intersection	INT	8/24/15	11:50 AM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2531	8/24/15	P-659/P-660/P-957	Intersection	INT	8/24/15	11:45 AM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2532	8/24/15	P-660/P-957/P-958	Intersection	INT	8/24/15	3:29 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2533	8/24/15	P-660/P-662/P-958	Intersection	INT	8/24/15	3:21 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2534	8/24/15	P-662/P-958/P-960	Intersection	INT	8/24/15	3:19 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2535	8/24/15	P-662/P-663/P-960	Intersection	INT	8/24/15	3:13 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2536	8/24/15	P-663/P-960/P-961	Intersection	INT	8/24/15	3:12 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2537	8/24/15	P-663/P-666/P-961/P-962	Intersection	INT	8/24/15	3:06 PM	2x2	P	JC	121	08/24/15	GH	JR	P	
D2538	8/24/15	P-952/P-953	Anchor Trench	PT	8/24/15	2:15 PM	2x3	P	PL	125	08/26/15	GH	SW	P	
D2539	8/24/15	P-955/P-956	Anchor Trench	WR	8/24/15	2:22 PM	2x4	P	PL	125	08/26/15	GH	SW	P	
D2540	8/24/15	P-956/P-957	Anchor Trench	WR	8/24/15	2:27 PM	2x4	P	PL	125	08/26/15	GH	SW	P	
D2541	8/24/15	P-957/P-959	Anchor Trench	WR	8/24/15	2:35 PM	2x4	P	PL	125	08/26/15	GH	SW	P	
D2542	8/24/15	P-660/P-958	DX-61	DX	8/24/15	4:10 PM	2x4	P	JC	121	08/24/15	GH	JR	P	
D2543	8/25/15	P-964/P-966	DF-329	DF	8/26/15	11:15 AM	2x5	P	JC	121	08/26/15	GH	SW	P	
D2544	8/25/15	P-966/P-968	DF-330	DF	8/26/15	11:45 AM	2x5	P	JC	121	08/26/15	GH	SW	P	
D2545	8/25/15	P-963/P-964/P-965	Intersection	INT	8/26/15	11:05 AM	2x2	P	JC	121	08/26/15	GH	SW	P	
D2546	8/25/15	P-964/P-965/P-966	Intersection	INT	8/26/15	10:55 AM	2x3	P	JC	121	08/26/15	GH	SW	F	
D2547	8/25/15	P-967/P-969	8' W of E EOS	BO	8/26/15	10:25 AM	2x2	P	JC	121	08/26/15	GH	SW	F	
D2548	8/25/15	P-962/P-963	Anchor Trench	WR	8/25/15	3:13 PM	2x3	P	JC	121	08/26/15	GH	SW	P	
D2549	8/25/15	P-967/P-968/P-969	Intersection	INT	8/26/15	10:30 AM	2x3	P	JC	121	08/26/15	GH	SW	P	
D2550	8/25/15	P-966/P-967/P-968	Intersection	INT	8/26/15	10:45 AM	2x3	P	JC	121	08/26/15	GH	SW	P	
D2551	8/25/15	P-970/P-971/P-972	Intersection	INT	8/25/15	Covered by D2552									
D2552	8/25/15	P-971/P-972	DF-331	DF	8/25/15	2:55 PM	3x8	P	JC	121	08/25/15	GH	BM	P	Covers D2151
D2553	8/25/15	P-970/P-972	DF-332	DF	8/26/15	8:30 AM	2x5	P	JC	121	08/26/15	GH	SW	P	
D2554	8/25/15	P-672/P-967	DX-62	DX	8/25/15	2:00 PM	2x5	P	JC	121	08/26/15	EM	SW	P	
D2555	8/25/15	P-970/P-972	82' W of E EOS	W	8/25/15	2:50 PM	3x7	P	JC	121	08/26/15	GH	SW	P	
D2556	8/25/15	P-970/P-972/P-973	Intersection	INT	8/26/15	8:40 AM	2x3	P	JC	121	08/26/15	GH	SW	P	
D2557	8/25/15	P-972/P-973/P-974	Intersection	INT	8/26/15	8:50 AM	2x3	P	JC	121	08/26/15	GH	SW	P	
D2558	8/25/15	P-972/P-974/P-975	Intersection	INT	8/26/15	8:25 AM	2x3	P	JC	121	08/26/15	GH	SW	P	
D2559	8/25/15	P-974/P-975/P-976	Intersection	INT	8/26/15	8:15 AM	2x3	P	JC	121	08/26/15	GH	SW	P	
D2560	8/25/15	P-976/P-977/P-978	Intersection	INT	8/26/15	9:50 AM	2x2	P	JC	121	08/26/15	GH	SW	P	
D2561	8/25/15	P-976/P-977	DF-333	DF	8/26/15	9:20 AM	2x5	P	JC	121	08/26/15	GH	SW	P	
D2562	8/25/15	P-977/P-980	DF-334	DF	8/26/15	10:00 AM	2x5	P	JC	121	08/26/15	GH	SW	P	
D2563	8/25/15	P-666/P-667/P-962	Intersection	INT	8/25/15	10:41 AM	2x2	P	JC	121	08/26/15	EM	SW	P	
D2564	8/25/15	P-667/P-962/P-963	Intersection	INT	8/25/15	10:40 AM	2x2	P	JC	121	08/26/15	EM	SW	P	
D2565	8/25/15	P-667/P-669/P-963/P-964	Intersection	INT	8/25/15	10:30 AM	2x2	P	JC	121	08/26/15	EM	SW	P	
D2566	8/25/15	P-669/P-670/P-964/P-966	Intersection	INT	8/25/15	10:25 AM	2x2	P	JC	121	08/26/15	EM	SW	P	
D2567	8/25/15	P-670/P-672/P-966/P-967	Intersection	INT	8/25/15	1:15 PM	2x2	P	JC	121	08/26/15	EM	SW	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2568	8/25/15	P-672/P-674/P-967/P-969	Intersection	INT	8/25/15	1:10 PM	2x2	P	JC	121	08/26/15	EM	SW	P	
D2569	8/25/15	P-673/P-674/P-969/P-970	Intersection	INT	8/25/15	1:05 PM	2x2	P	JC	121	08/26/15	EM	SW	P	
D2570	8/25/15	P-673/P-683/P-970	Intersection	INT	8/25/15	12:48 PM	2x2	P	JC	121	08/25/15	GH	BM	P	
D2571	8/25/15	P-969	5' E of W EOS & 3'S	DO	8/25/15	2:30 PM	2x2	P	JC	121	08/26/15	EM	SW	P	
D2572	8/25/15	P-977/P-978/P-980	Intersection	INT	8/26/15	9:30 AM	2x2	P	JC	121	08/26/15	GH	SW	P	
D2573	8/25/15	P-977/P-979/P-980	Intersection	INT	8/26/15	8:35 AM	2x2	P	JC	121	08/26/15	GH	SW	P	
D2574	8/25/15	P-977/P-979	8' W of E EOS	BO	8/26/15	9:00 AM	2x6	P	JC	121	08/26/15	GH	SW	P	
D2575	8/25/15	P-981/P-982/P-983	Intersection	INT	8/26/15	9:35 AM	2x3	P	JC	121	08/26/15	GH	SW	P	
D2576	8/25/15	P-970/P-973	Anchor Trench	WR	8/26/15	3:35 PM	2x2	P	JC	121	08/26/15	GH	SW	P	
D2577	8/25/15	P-981/P-982	Anchor Trench	WR	8/26/15	4:00 PM	2x3	P	JC	121	08/26/15	GH	SW	P	
D2578	8/26/15	P-984/P-985/P-986	Intersection	INT	8/29/15	9:31 AM	2x2	P	PL	125	08/29/15	EM	JR	P	
D2579	8/26/15	P-985/P-986/P-987	Intersection	INT	8/29/15	9:25 AM	2x2	P	PL	125	08/29/15	EM	JR	P	
D2580	8/26/15	P-723/P-984/P-985	Intersection	INT	8/26/15	2:20 PM	2x2	P	JC	121	08/29/15	EM	SW	P	
D2581	8/26/15	P-723/P-724/P-985	Intersection	INT	8/26/15	2:21 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2582	8/26/15	P-984/P-985	DF-335	DF	8/28/15	3:32 PM	2x5	P	PL	125	08/29/15	EM	SW	P	
D2583	8/26/15	P-985/P-987	DF-336	DF	8/28/15	3:27 PM	2x5	P	PL	125	08/29/15	EM	SW	P	
D2584	8/26/15	P-987/P-988/P-989	Intersection	INT	8/29/15	8:32 AM	2x7	P	PL	125	08/29/15	EM	JR	P	
D2585	8/26/15	P-989/P-990/P-991	Intersection	INT	8/29/15	11:26 AM	2x3	P	PL	125	08/29/15	EM	JR	P	
D2586	8/26/15	P-990/P-991/P-992	Intersection	INT	8/29/15	11:15 AM	2x3	P	PL	125	08/29/15	EM	JR	P	
D2587	8/26/15	P-993/P-994	DF-337	DF	8/29/15	11:50 AM	2x5	P	PL	125	08/29/15	EM	JR	P	
D2588	8/26/15	P-992/P-993	DF-338	DF	8/29/15	1:20 PM	2x5	P	PL	125	08/29/15	EM	JR	P	
D2589	8/26/15	P-992/P-993/P-994	Intersection	INT	8/29/15	10:35 AM	2x3	P	PL	125	08/29/15	EM	JR	P	
D2590	8/26/15	P-993/P-994/P-995	Intersection	INT	8/29/15	11:54 AM	2x3	P	PL	125	08/29/15	EM	JR	P	
D2591	8/26/15	P-999/P-1000	DF-339	DF	8/29/15	3:40 PM	2x5	P	PL	125	08/29/15	EM	JR	P	
D2592	8/26/15	P-1003/P-1004	DF-340	DF	8/29/15	4:35 PM	2x4	P	PL	125	08/29/15	EM	JR	P	
D2593	8/26/15	P-1000/P-1001/P-1002	Intersection	INT	8/29/15	4:10 PM	2x4	P	PL	125	08/29/15	EM	JR	P	
D2594	8/26/15	P-1003/P-1004/P-1005	Intersection	INT	8/29/15	2:24 PM	2x3	P	PL	125	08/29/15	EM	JR	P	
D2595	8/26/15	P-731/P-992	DX-63	DX	8/29/15	8:15 AM	2x5	P	JC	121	08/29/15	EM	JR	P	
D2596	8/26/15	P-724/P-725/P-985/P-987	Intersection	INT	8/29/15	2:25 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2597	8/26/15	P-725/P-726/P-987/P-988	Intersection	INT	8/29/15	2:30 PM	2x2	P	JC	121	08/29/15	EM	SW	P	
D2598	8/26/15	P-726/P-988/P-989	Intersection	INT	8/29/15	4:00 PM	2x2	P	JC	121	08/29/15	EM	SW	P	
D2599	8/26/15	P-726/P-727/P-989	Intersection	INT	8/29/15	4:03 PM	2x2	P	JC	121	08/29/15	EM	SW	P	
D2600	8/26/15	P-727/P-989/P-990	Intersection	INT	8/29/15	4:10 PM	2x2	P	JC	121	08/29/15	EM	SW	P	
D2601	8/26/15	P-727/P-728/P-990	Intersection	INT	8/29/15	4:12 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2602	8/26/15	P-728/P-990/P-992	Intersection	INT	8/26/15	4:20 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2603	8/26/15	P-728/P-731/P-992	Intersection	INT	8/26/15	4:21 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2604	8/26/15	P-731/P-992/P-993	Intersection	INT	8/27/15	8:23 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2605	8/26/15	P-731/P-732/P-993	Intersection	INT	8/27/15	8:25 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2606	8/26/15	P-732/P-993/P-995	Intersection	INT	8/27/15	8:30 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2607	8/26/15	P-732/P-733/P-995	Intersection	INT	8/27/15	8:32 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2608	8/26/15	P-733/P-737/P-995/P-996	Intersection	INT	8/27/15	8:40 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2609	8/26/15	P-737/P-738/P-996/P-997	Intersection	INT	8/27/15	8:45 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2610	8/26/15	P-738/P-739/P-997/P-998	Intersection	INT	8/27/15	9:00 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2611	8/26/15	P-739/P-740/P-998	Intersection	INT	8/27/15	9:08 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2612	8/26/15	P-740/P-998/P-999	Intersection	INT	8/27/15	9:10 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2613	8/26/15	P-740/P-741/P-999	Intersection	INT	8/27/15	9:24 AM	2x2	P	JC	121	08/29/15	EM	JR	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D2614	8/26/15	P-741/P-999/P-1000	Intersection	INT	8/27/15	9:25 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2615	8/26/15	P-741/P-742/P-1000	Intersection	INT	8/27/15	9:30 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2616	8/26/15	P-742/P-1000/P-1001	Intersection	INT	8/27/15	9:35 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2617	8/26/15	P-742/P-1001/P-1002	Intersection	INT	8/27/15	9:40 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2618	8/26/15	P-742/P-743/P-1002	Intersection	INT	8/27/15	9:45 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2619	8/26/15	P-743/P-1002/P-1003	Intersection	INT	8/27/15	9:50 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2620	8/26/15	P-743/P-822/P-823/P-1003/P-1004	Intersection	INT	8/27/15	10:00 AM	2x3	P	JC	121	08/29/15	EM	JR	P	
D2621	8/26/15	P-823/P-1004/P-1005	Intersection	INT	8/27/15	10:10 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2622	8/26/15	P-823/P-824/P-1005	Intersection	INT	8/27/15	10:20 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2623	8/27/15	P-1009/P-1010	DF-342	DF	8/29/15	5:00 PM	2x5	P	JC	121	08/29/15	EM	JR	P	
D2624	8/27/15	P-1002/P-1007	DF-341	DF	8/29/15	Covered by D2631									
D2625	8/27/15	P-1012/P-1015	DF-343	DF	8/29/15	2:17 PM	2x5	P	RA	001	08/29/15	EM	JR	P	
D2626	8/27/15	P-824/P-1005/P-1006	Intersection	INT	8/28/15	1:10 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2627	8/27/15	P-1003/P-1005/P-1006	Intersection	INT	8/29/15	4:20 PM	3x5	P	PL	125	08/29/15	EM	JR	P	
D2628	8/27/15	P-1002/P-1003/P-1006	Intersection	INT	8/27/15	15:40	2x4	P	JC	121	08/29/15	EM	JR	P	
D2629	8/27/15	P-1006/P-1007/P-1008	Intersection	INT	8/29/15	4:07 PM	2x4	P	PL	125	08/29/15	EM	JR	P	
D2630	8/27/15	P-1007/P-1008/P-1009	Intersection	INT	8/29/15	4:40 PM	2x3	P	JC	121	08/29/15	EM	JR	P	
D2631	8/27/15	P-1002/P-1006/P-1007	Intersection	INT	8/27/15	Covered by D2624									
D2632	8/27/15	P-999/P-1000/P-1002/P-1007	Intersection	INT	8/27/15	3:50 PM	2x3	P	JC	121	08/29/15	EM	JR	P	
D2633	8/27/15	P-999	13' E of W EOS & 2'S	DO	8/29/15	3:35 PM	2x2	P	PL	125	08/29/15	EM	JR	P	
D2634	8/27/15	P-998/P-999/P-1007	Intersection	INT	8/27/15	Covered by D2635									
D2635	8/27/15	P-998/P-1007	W EOS-E EOS	FS	8/27/15	2:25 PM	2x16	C	JC	121	08/29/15	EM	JR	P	Covers D2634, D2636
D2636	8/27/15	P-998/P-1007/P-1009	Intersection	INT	8/27/15	Covered by D2635									
D2637	8/27/15	P-997/P-998/P-1009	Intersection	INT	8/27/15	4:00 PM	2x3	P	JC	121	08/29/15	EM	JR	P	
D2638	8/27/15	P-996/P-997/P-1009/P-1010/P-1011	Intersection	INT	8/27/15	2:00 PM	4x6	P	JC	121	08/29/15	EM	JR	P	
D2639	8/27/15	P-1010/P-1011/P-1012	Intersection	INT	8/29/15	3:03 PM	3x5	P	RA	001	08/29/15	EM	JR	P	
D2640	8/27/15	P-1012/P-1013/P-1015	Intersection	INT	8/29/15	3:00 PM	2x3	P	RA	001	08/29/15	EM	JR	P	
D2641	8/27/15	P-995/P-996/P-1011	Intersection	INT	8/27/15	4:05 PM	2x5	P	JC	121	08/29/15	EM	JR	P	
D2642	8/27/15	P-994/P-995/P-1010/P-1012	Intersection	INT	8/27/15	4:15 PM	2x5	P	JC	121	08/29/15	EM	JR	P	
D2643	8/27/15	P-992/P-994/P-1012	Intersection	INT	8/29/15	11:05 AM	3x7	P	PL	125	08/29/15	EM	JR	P	
D2644	8/27/15	P-991/P-992/P-1012/P-1015	Intersection	INT	8/28/15	10:54 AM	3x6	P	PL	125	08/29/15	EM	JR	P	
D2645	8/27/15	P-991/P-1014/P-1015	Intersection	INT	8/29/15	10:47 AM	2x3	P	PL	125	08/29/15	EM	JR	P	
D2646	8/27/15	P-989/P-991/P-1014	Intersection	INT	8/29/15	10:40 AM	3x5	P	PL	125	08/29/15	EM	JR	P	
D2647	8/27/15	P-1015/P-1016	DF-344	DF	8/29/15	Covered by D2650									
D2648	8/27/15	P-1014/P-1015/P-1016	Intersection	INT	8/29/15	1:05 PM	2x4	P	PL	125	08/29/15	EM	JR	P	
D2649	8/27/15	P-1013/P-1015/P-1016	Intersection	INT	8/29/15	3:12 PM	2x2	P	RA	001	08/29/15	EM	JR	P	
D2650	8/27/15	P-1013/P-1016	S EOS-N EOS	FS	8/29/15	3:32 PM	2x115	C	RA	001	08/29/15	EM	JR	P	Covers D2647
D2651	8/27/15	P-986/P-989/P-1014	Intersection	INT	8/29/15	Covered by D2699									
D2652	8/27/15	P-986/P-1014/P-1016/P-1019	Intersection	INT	8/29/15	Covered by D2699									
D2653	8/27/15	P-986/P-1019	7' W of E EOS	BO	8/29/15	10:17 AM	2x6	P	PL	125	08/29/15	EM	JR	P	
D2654	8/27/15	P-984/P-986/P-1019	Intersection	INT	8/29/15	10:08 AM	2x3	P	PL	125	08/29/15	EM	JR	P	
D2655	8/28/15	P-873/P-1021/P-1022	Intersection	INT	8/29/15	10:35 AM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2656	8/28/15	P-887/P-1031/P-1033	Intersection	INT	8/29/15	11:25 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2657	8/28/15	P-887/P-891/P-1033	Intersection	INT	8/29/15	11:27 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2658	8/27/15	P-1016/P-1018/P-1019	Intersection	INT	8/29/15	2:22 PM	2x5	P	RA	001	08/29/15	RR	AF	P	
D2659	8/27/15	P-1019/P-1020	DF-345	DF	8/29/15	2:07 PM	2x5	P	RA	001	08/29/15	RR	AF	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2660	8/27/15	P-1019/P-1020	15' S of N EOS	BO	8/29/15	3:25 PM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2661	8/27/15	P-1013/P-1016/P-1017	Intersection	INT	8/29/15	4:30 PM	2x3	P	JC	121	08/29/15	RR	AF	P	
D2662	8/27/15	P-1016/P-1017/P-1018	Intersection	INT	8/29/15	3:35 PM	2x3	P	JC	121	08/29/15	RR	AF	P	
D2663	8/27/15	P-824/P-850/P-1006	Intersection	INT	8/28/15	1:15 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2664	8/27/15	P-850/P-1006/P-1008	Intersection	INT	8/28/15	1:20 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2665	8/27/15	P-850/P-853/P-1008	Intersection	INT	8/28/15	1:25 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2666	8/27/15	P-853/P-1008/P-1009	Intersection	INT	8/28/15	1:30 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2667	8/27/15	P-853/P-854/P-1009	Intersection	INT	8/28/15	1:35 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2668	8/27/15	P-854/P-1009/P-1010	Intersection	INT	8/28/15	1:40 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2669	8/28/15	P-854/P-856/P-1010	Intersection	INT	8/28/15	1:45 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2670	8/28/15	P-856/P-1010/P-1012	Intersection	INT	8/28/15	1:50 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2671	8/28/15	P-856/P-859/P-1012	Intersection	INT	8/28/15	1:55 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2672	8/28/15	P-859/P-1012/P-1013	Intersection	INT	8/28/15	2:00 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2673	8/28/15	P-859/P-861/P-1013	Intersection	INT	8/28/15	2:05 PM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2674	8/28/15	P-861/P-1013/P-1017	Intersection	INT	8/28/15	2:10 PM	2x5	P	JC	121	08/30/15	EM	BM	P	
D2675	8/28/15	P-861/P-862/P-1017	Intersection	INT	8/28/15	2:15 PM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2676	8/28/15	P-862/P-1017/P-1018	Intersection	INT	8/28/15	2:45 PM	2x3	P	JC	121	08/30/15	EM	BM	P	
D2677	8/28/15	P-862/P-868/P-1018	Intersection	INT	8/28/15	3:00 PM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2678	8/28/15	P-868/P-1018/P-1019	Intersection	INT	8/28/15	3:10 PM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2679	8/28/15	P-868/P-869/P-1019	Intersection	INT	8/28/15	3:20 PM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2680	8/28/15	P-1020/P-1021/P-1022	Intersection	INT	8/29/15	2:00 PM	2x4	P	RA	001	08/29/15	RR	AF	P	
D2681	8/28/15	P-1022/P-1023/P-1024	Intersection	INT	8/29/15	11:30 AM	2x4	P	RA	001	08/29/15	RR	AF	P	
D2682	8/28/15	P-1020/P-1022	DF-346	DF	8/29/15	10:55 AM	2x5	P	RA	001	08/29/15	RR	AF	P	
D2683	8/28/15	P-1020/P-1022	13' N of S EOS	IO	8/29/15	10:06 AM	2x4	P	PL	125	08/29/15	RR	AF	P	
D2684	8/28/15	P-984/P-1019/P-1020/P-1022/P-1024/P-1026	Intersection	INT	8/29/15	10:02 AM	4x4	P	PL	125	08/29/15	RR	AF	P	
D2685	8/28/15	P-870/P-1020/P-1021	Intersection	INT	8/28/15	3:35 PM	3x5	P	JC	121	08/29/15	RR	AF	P	
D2686	8/28/15	P-1024/P-1025/P-1026	Intersection	INT	8/29/15	11:20 AM	2x7	P	RA	001	08/29/15	RR	AF	P	
D2687	8/28/15	P-1023/P-1024	DF-347	DF	8/29/15	1:50 PM	2x5	P	RA	001	08/29/15	RR	AF	P	
D2688	8/28/15	P-1026/P-1028	DF-348	DF	8/29/15	10:30 AM	2x5	P	RA	001	08/29/15	RR	AF	P	
D2689	8/28/15	P-1026/P-1028	3' N of S EOS	BO	8/29/15	10:35 AM	2x3	P	RA	001	08/29/15	RR	AF	P	
D2690	8/28/15	P-1028/P-1031	DF-349	DF	8/29/15	10:25 AM	2x5	P	RA	001	08/29/15	RR	AF	P	
D2691	8/28/15	P-1026/P-1027/P-1028	Intersection	INT	8/29/15	10:15 AM	3x4	P	RA	001	08/29/15	RR	AF	P	
D2692	8/28/15	P-1027/P-1028/P-1031	Intersection	INT	8/29/15	10:00 AM	3x3	P	RA	001	08/29/15	RR	AF	P	
D2693	8/28/15	P-1026/P-1027/P-1029	Intersection	INT	8/29/15	11:38 AM	2x4	P	RA	001	08/29/15	RR	AF	P	
D2694	8/28/15	P-1027/P-1029/P-1031	Intersection	INT	8/29/15	9:40 AM	2x2	P	RA	001	08/29/15	RR	AF	P	
D2695	8/28/15	P-1026/P-1029/P-1030	Intersection	INT	8/29/15	11:47 AM	2x3	P	RA	001	08/29/15	RR	AF	P	
D2696	8/28/15	P-1029/P-1030/P-1031	Intersection	INT	8/29/15	11:55 AM	2x2	P	RA	001	08/29/15	RR	AF	P	
D2697	8/28/15	P-1030/P-1031	19' N of S EOS	IO	8/29/15	9:15 AM	2x5	P	RA	001	08/29/15	RR	AF	P	
D2698	8/28/15	P-1030/P-1031	35' N of S EOS	W	8/29/15	1:30 PM	3x4	P	JC	121	08/29/15	RR	AF	P	
D2699	8/28/15	P-986/P-1014	E EOS-W EOS	FS	8/29/15	10:28 AM	2x9	C	PL	125	08/29/15	RR	AF	P	Covers D2651, D2652
D2700	8/28/15	P-1031/P-1033	DF-350	DF	8/29/15	1:20 PM	2x5	P	JC	121	08/29/15	RR	AF	P	
D2701	8/28/15	P-1031/P-1032/P-1033	Intersection	INT	8/29/15	9:50 AM	2x2	P	RA	001	08/29/15	RR	AF	P	
D2702	8/28/15	P-869/P-1020	DX-64	DX	8/29/15	3:10 PM	2x5	P	JC	121	08/30/15	EM	BM	P	
D2703	8/28/15	P-997/P-1009	14' E of W EOS	PT	8/29/15	2:46 PM	2x2	P	PL	125	08/29/15	EM	JR	P	
D2704	8/28/15	P-997/P-1009	19' E of W EOS	PT	8/29/15	2:35 PM	2x6	P	PL	125	08/29/15	EM	JR	P	
D2705	8/28/15	P-891/P-1033	DX-65	DX	8/29/15	2:45 PM	2x5	P	JC	121	08/29/15	RR	AF	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D2706	8/28/15	P-873/P-874/P-1022	Intersection	INT	8/29/15	10:40 AM	2x2	P	JC	121	08/29/15	RR	AF	P	
D2707	8/28/15	P-870/P-871/P-873/P-1021	Intersection	INT	8/29/15	10:33 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2708	8/28/15	P-874/P-1022/P-1023	Intersection	INT	8/29/15	10:43 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2709	8/28/15	P-874/P-877/P-1023	Intersection	INT	8/29/15	10:47 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2710	8/28/15	P-877/P-1023/P-1024	Intersection	INT	8/29/15	10:50 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2711	8/28/15	P-877/P-878/P-1024	Intersection	INT	8/29/15	10:55 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2712	8/28/15	P-878/P-1024/P-1025	Intersection	INT	8/29/15	11:00 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2713	8/29/15	P-878/P-1025/P-1026	Intersection	INT	8/29/15	11:05 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2714	8/29/15	P-878/P-881/P-1026	Intersection	INT	8/29/15	11:07 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2715	8/29/15	P-881/P-1026/P-1030	Intersection	INT	8/29/15	11:10 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2716	8/29/15	P-881/P-882/P-884/P-1030	Intersection	INT	8/29/15	11:12 AM	2x3	P	JC	121	08/30/15	EM	BM	P	
D2717	8/29/15	P-884/P-1030/P-1031	Intersection	INT	8/29/15	11:15 AM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2718	8/29/15	P-884/P-885/P-887/P-1031	Intersection	INT	8/29/15	11:17 AM	2x3	P	JC	121	08/30/15	EM	BM	P	
D2719	8/29/15	P-1030	10' W of E EOS & 7'S	W	8/29/15	1:45 PM	2x7	P	JC	121	08/29/15	RR	AF	P	
D2720	8/28/15	P-869/P-1019/P-1020	Intersection	INT	8/28/15	3:25 PM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2721	8/28/15	P-869/P-870/P-1020	Intersection	INT	8/28/15	3:30 PM	2x2	P	JC	121	08/30/15	EM	BM	P	
D2722	8/27/15	P-1010	7' W of E EOS & 3'N	W	8/27/15	2:10 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2723	8/27/15	P-998	6' W of E EOS & 5'S	DO	8/27/15	2:27 PM	2x2	P	JC	121	08/29/15	EM	JR	P	
D2724	8/31/15	P-1032/P-1034	Anchor Trench	WR	8/31/15	11:05 AM	2x6	P	JC	121	08/31/15	EM	TB	P	
D2725	8/31/15	P-1032/P-1033/P-1034	Intersection	INT	8/31/15	11:15 AM	2x2	P	JC	121	08/31/15	EM	TB	P	
D2726	8/31/15	P-1033/P-1034	DF-351	DF	8/31/15	10:51 AM	2x5	P	JC	121	08/31/15	EM	TB	P	
D2727	8/31/15	P-891/P-1033/P-1034	Intersection	INT	8/31/15	10:37 AM	2x2	P	JC	121	08/31/15	EM	TB	P	
D2728	8/31/15	P-891/P-892/P-1034	Intersection	INT	8/31/15	10:38 AM	2x2	P	JC	121	08/31/15	EM	TB	P	
D2729	8/31/15	P-892/P-1034	DX-66	DX	8/31/15	11:30 AM	2x5	P	JC	121	08/31/15	EM	TB	P	
D2730	9/1/15	P-982/P-1035	Anchor Trench	WR	9/1/15	4:55 PM	2x2	P	JC	121	09/02/15	RA	BM	P	
D2731	9/1/15	P-1035/P-1036	Anchor Trench	WR	9/1/15	5:00 PM	2x2	P	JC	121	09/02/15	RA	BM	P	
D2732	9/1/15	P-982/P-1035	64' E of W EOS	W	9/1/15	4:45 PM	3x4	P	JC	121	09/02/15	EM	BM	P	
D2733	9/1/15	P-982/P-983/P-1035	Intersection	INT	9/2/15	8:03 AM	2x4	P	JC	125	09/02/15	EM	BM	P	
D2734	9/1/15	P-1036/P-1037	Anchor Trench	WR	9/1/15	5:03 PM	2x2	P	JC	121	09/02/15	EM	BM	P	
D2735	9/1/15	P-1036/P-1037/P-1038	Intersection	INT	9/2/15	7:57 AM	2x2	P	PL	125	09/02/15	EM	BM	P	
D2736	9/1/15	P-1039/P-1040/P-1041	Intersection	INT	9/2/15	8:38 AM	2x3	P	PL	125	09/02/15	EM	BM	P	
D2737	9/1/15	P-1041	5' W of E EOS & 3'N	DO	9/2/15	8:40 AM	2x2	P	PL	125	09/02/15	EM	BM	P	
D2738	9/1/15	P-1039/P-1041	DF-352	DF	9/2/15	9:52 AM	2x7	P	PL	125	09/02/15	EM	BM	P	Covers D2751
D2739	9/1/15	P-1040/P-1041/P-1042	Intersection	INT	9/2/15	8:45 AM	2x6	P	PL	125	09/02/15	EM	BM	P	
D2740	9/1/15	P-1041/P-1042	DF-353	DF	9/2/15	10:05 AM	3x7	P	PL	125	09/02/15	EM	BM	P	Covers D2750
D2741	9/1/15	P-1043/P-1044/P-1045	Intersection	INT	9/2/15	8:55 AM	2x3	P	PL	125	09/02/15	EM	BM	P	
D2742	9/1/15	P-1048/P-1049/P-1050	Intersection	INT	9/2/15	10:52 AM	2x3	P	PL	125	09/02/15	EM	BM	P	
D2743	9/1/15	P-1049/P-1050/P-1051/P-1052	S EOS-N EOS	FS	9/2/15	10:58 AM	2x7	C	PL	125	09/02/15	RA	BM	P	Covers D2785, D2786
D2744	9/1/15	P-1048/P-1050/P-1052	Intersection	INT	9/2/15	10:46 AM	2x3	P	PL	125	09/02/15	RA	BM	P	
D2745	9/1/15	P-1047/P-1048/P-1052	Intersection	INT	9/2/15	10:39 AM	2x2	P	PL	125	09/02/15	RA	BM	P	
D2746	9/1/15	P-1046/P-1047/P-1052	Intersection	INT	9/2/15	10:33 AM	2x3	P	PL	125	09/02/15	RA	BM	P	
D2747	9/1/15	P-1044/P-1045/P-1046/P-1052	Intersection	INT	9/2/15	10:25 AM	2x3	P	PL	125	09/02/15	EM	BM	P	
D2748	9/1/15	P-1043/P-1045/P-1052	Intersection	INT	9/2/15	10:20 AM	2x3	P	PL	125	09/02/15	EM	BM	P	
D2749	9/1/15	P-1042/P-1043/P-1052	Intersection	INT	9/2/15	10:14 AM	2x2	P	PL	125	09/02/15	EM	BM	P	
D2750	9/1/15	P-1041/P-1042/P-1052	Intersection	INT	9/2/15						Covered by D2740				
D2751	9/1/15	P-1039/P-1041/P-1052	Intersection	INT	9/2/15						Covered by D2738				

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS	
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL		
D2752	9/1/15	P-1037/P-1039/P-1052	Intersection	INT	9/2/15	Covered by D2776										
D2753	9/1/15	P-1037/P-1038/P-1052	Intersection	INT	9/2/15	Covered by D2776										
D2754	9/1/15	P-1036/P-1038/P-1052	Intersection	INT	9/2/15	10:30 AM	2x3	P	JC	121	09/02/15	EM	BM	P		
D2755	9/1/15	P-1035/P-1036/P-1052	Intersection	INT	9/2/15	10:20 AM	2x3	P	JC	121	09/02/15	EM	BM	P		
D2756	9/1/15	P-983/P-1035/P-1052	Intersection	INT	9/2/15	10:05 AM	2x3	P	JC	121	09/02/15	EM	BM	P		
D2757	9/1/15	P-981/P-983/P-1052	Intersection	INT	9/2/15	9:55 AM	3x3	P	JC	121	09/02/15	EM	BM	P		
D2758	9/1/15	P-1042/P-1052	DF-354	DF	9/2/15	10:10 AM	2x5	P	PL	125	09/02/15	EM	BM	P		
D2759	9/1/15	P-1052/P-1053	DF-355	DF	9/2/15	9:17 AM	2x5	P	PL	125	09/02/15	EM	BM	P		
D2760	9/1/15	P-981/P-1052/P-1054	Intersection	INT	9/2/15	6:00 PM	3x3	P	JC	121	09/02/15	EM	BM	P		
D2761	9/1/15	P-980/P-981/P-1054	Intersection	INT	9/2/15	Covered by D2762										
D2762	9/1/15	P-980/P-1054	S EOS-N EOS	FS	9/2/15	9:40 AM	2x7	C	JC	121	09/02/15	EM	BM	P	Covers D2761, D2763	
D2763	9/1/15	P-979/P-980/P-1054	Intersection	INT	9/2/15	Covered by D2762										
D2764	9/1/15	P-1052/P-1053/P-1054/P-1055	Intersection	INT	9/2/15	9:45 AM	2x3	P	JC	121	09/02/15	EM	BM	P		
D2765	9/1/15	P-1054/P-1055	95' S of N EOS	WR	9/2/15	9:05 AM	2x2	P	JC	121	09/02/15	EM	BM	P		
D2766	9/1/15	P-977/P-980/P-1054	Intersection	INT	9/2/15	9:25 AM	2x2	P	JC	121	09/02/15	EM	BM	P		
D2767	9/1/15	P-976/P-977/P-1054	Intersection	INT	9/2/15	9:20 AM	2x2	P	JC	121	09/02/15	EM	BM	P		
D2768	9/1/15	P-975/P-976/P-1054	Intersection	INT	9/2/15	9:15 AM	2x3	P	JC	121	09/02/15	EM	BM	P		
D2769	9/1/15	P-972/P-975/P-1054	Intersection	INT	9/2/15	9:00 AM	2x5	P	JC	121	09/02/15	EM	BM	P		
D2770	9/1/15	P-971/P-972/P-1054	Intersection	INT	9/2/15	11:15 AM	2x6	P	JC	121	09/09/15	EM	BM	P		
D2771	9/2/15	P-683/P-1054	DX-67	DX	9/2/15	11:25 AM	2x5	P	JC	121	09/09/15	EM	BM	P		
D2772	9/2/15	P-683/P-970/P-971/P-1054	Intersection	INT	9/2/15	8:50 AM	3x4	P	JC	121	09/02/15	EM	BM	P		
D2773	9/2/15	P-682/P-683/P-1054/P-1055	Intersection	INT	9/2/15	8:40 AM	2x2	P	JC	121	09/02/15	EM	BM	P		
D2774	9/1/15	P-1037/P-1039	Anchor Trench	WR	9/1/15	5:10 PM	2x2	P	JC	121	09/02/15	EM	BM	P		
D2775	9/1/15	P-971/P-1054	14' N of S EOS	PT	9/2/15	11:20 AM	2x3	P	JC	121	09/09/15	EM	BM	P		
D2776	9/1/15	P-1037/P-1052	S EOS-N EOS	FS	9/2/15	9:40 AM	2x7	C	PL	125	09/02/15	EM	BM	P	Covers D2752, D2753	
D2777	9/1/15	P-983/P-1035	10' E of W EOS & 1'S	DO	9/2/15	8:08 AM	2x2	P	PL	125	09/02/15	EM	BM	P		
D2778	9/2/15	P-1043/P-1044	Anchor Trench	WR	9/2/15	9:00 AM	2x4	P	PL	125	09/02/15	RA	BM	P		
D2779	9/2/15	P-1053/P-1056/P-1057	Intersection	INT	9/3/15	10:15 AM	2x4	P	JC	121	09/09/15	EM	BM	P		
D2780	9/2/15	P-1053/P-1056	DF-356	DF	9/3/15	10:20 AM	2x5	P	JC	121	09/09/15	EM	BM	P		
D2781	9/2/15	P-1053/P-1057/P-1058	Intersection	INT	9/2/15	6:20 PM	2x5	P	JC	121	09/09/15	EM	BM	P		
D2782	9/2/15	P-1053/P-1058/P-1059	Intersection	INT	9/2/15	6:30 PM	2x3	P	JC	121	09/09/15	EM	BM	P		
D2783	9/2/15	P-1055/P-1069/P-1071	Intersection	INT	9/3/15	2:28 PM	2x4	P	PL	125	09/09/15	EM	BM	P		
D2784	9/2/15	P-1058/P-1059/P-1060	Intersection	INT	9/3/15	10:00 AM	2x3	P	JC	121	09/09/15	EM	BM	P		
D2785	9/2/15	P-1049/P-1051/P-1052	Intersection	INT	9/2/15	Covered by D2743										
D2786	9/2/15	P-1049/P-1050/P-1052	Intersection	INT	9/2/15	Covered by D2743										
D2787	9/2/15	P-1053/P-1059/P-1060	Intersection	INT	9/2/15	6:00 PM	2x5	P	JC	121	09/09/15	EM	BM	P		
D2788	9/2/15	P-1053/P-1060/P-1061/P-1064	Intersection	INT	9/2/15	5:45 PM	2x4	P	JC	121	09/09/15	EM	BM	P		
D2789	9/2/15	P-1053/P-1062/P-1064	Intersection	INT	9/2/15	Covered by D2796										
D2790	9/1/15	P-1060/P-1061	95' S of N EOS	BO	9/3/15	9:50 AM	2x3	P	JC	121	09/09/15	EM	BM	P		
D2791	9/1/15	P-1058/P-1060	DF-357	DF	9/2/15	10:10 AM	2x5	P	JC	121	09/09/15	EM	BM	P		
D2792	9/1/15	P-1063/P-1065	DF-358	DF	9/2/15	5:15 PM	2x5	P	JC	121	09/09/15	EM	BM	P		
D2793	9/1/15	P-1062/P-1063	DF-359	DF	9/2/15	5:05 PM	3x8	P	JC	121	09/09/15	EM	BM	P	Covers D2797	
D2794	9/1/15	P-1061/P-1063/P-1064	Intersection	INT	9/2/15	5:55 PM	2x4	P	JC	121	09/09/15	EM	BM	P		
D2795	9/1/15	P-1062/P-1063/P-1064	Intersection	INT	9/2/15	5:20 PM	2x2	P	JC	121	09/09/15	EM	BM	P		
D2796	9/1/15	P-1062/P-1064	E EOS-8' W	FS	9/2/15	5:40 PM	3x10	C	JC	121	09/09/15	EM	BM	P	Covers D2789	
D2797	9/1/15	P-1053/P-1062/P-1063	Intersection	INT	9/2/15	Covered by D2793										

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D2798	9/1/15	P-1066/P-1067	Anchor Trench	PT	9/3/15	11:25 AM	2x3	P	JC	121	09/09/15	EM	BM	P	
D2799	9/1/15	P-1065/P-1066/P-1067	Intersection	INT	9/3/15	9:45 AM	2x5	P	JC	121	09/09/15	EM	BM	P	
D2800	9/1/15	P-1065/P-1067	67' S of N EOS	BO	9/3/15	1:30 PM	2x5	P	JC	121	09/09/15	EM	BM	P	
D2801	9/2/15	P-1065/P-1067	115' S of N EOS	PT	9/3/15	Covered by D2806									
D2802	9/2/15	P-1067/P-1068/P-1069/P-1070	Intersection	INT	9/3/15	12:10 PM	2x5	P	JC	121	09/09/15	EM	BM	P	
D2803	9/2/15	P-1067/P-1069	DF-360	DF	9/3/15	1:15 PM	2x5	P	JC	121	09/09/15	EM	BM	P	
D2804	9/2/15	P-1065/P-1067/P-1069	Intersection	INT	9/3/15	Covered by D2806									
D2805	9/2/15	P-1053/P-1055/P-1063/P-1065/P-1069	Intersection	INT	9/3/15	Covered by D2806									
D2806	9/2/15	P-1065/P-1069	N EOS - S EOS	FS	9/3/15	2:00 PM	5x15	C	JC	121	09/09/15	EM	BM	P	Covers D2801, D2804, D2805
D2807	9/2/15	P-1069/P-1070/P-1071	Intersection	INT	9/3/15	12:15 PM	2x3	P	JC	121	09/09/15	EM	BM	P	
D2808	9/3/15	P-1071/P-1072	DF-361	DF	9/3/15	2:35 PM	2x5	P	PL	125	09/10/15	EM	BM	P	
D2809	9/3/15	P-1072/P-1073	DF-362	DF	9/9/15	5:35 PM	2x5	P	JC	121	09/09/15	EM	BM	P	
D2810	9/3/15	P-1072/P-1073/P-1075	Intersection	INT	9/3/15	3:05 PM	2x6	P	PL	125	09/09/15	EM	BM	P	
D2811	9/3/15	P-1073/P-1075/P-1076	Intersection	INT	9/3/15	3:13 PM	2x3	P	PL	125	09/09/15	EM	BM	P	
D2812	9/3/15	P-1077/P-1079	DF-363	DF	9/9/15	3:25 PM	2x5	P	JC	121	09/10/15	EM	BM	P	
D2813	9/3/15	P-1075/P-1076/P-1077	Intersection	INT	9/3/15	3:15 PM	2x3	P	PL	125	09/09/15	EM	BM	P	
D2814	9/3/15	P-1072/P-1074/P-1075	Intersection	INT	9/9/15	3:45 PM	2x3	P	JC	121	09/10/15	EM	BM	P	
D2815	9/3/15	P-1074/P-1075/P-1077	Intersection	INT	9/9/15	3:35 PM	2x3	P	JC	121	09/10/15	EM	BM	P	
D2816	9/3/15	P-1079/P-1081	DF-364	DF	9/9/15	4:30 PM	2x5	P	JC	121	09/10/15	EM	BM	P	
D2817	9/3/15	P-1079/P-1080	27' S of N EOS	W	9/9/15	3:55 PM	2x7	P	JC	121	09/10/15	EM	BM	P	
D2818	9/3/15	P-1079/P-1081/P-1082	Intersection	INT	9/9/15	5:00 PM	2x3	P	JC	121	09/10/15	EM	BM	P	
D2819	9/3/15	P-1081/P-1082/P-1083	Intersection	INT	9/9/15	5:15 PM	2x3	P	JC	121	09/10/15	EM	BM	P	
D2820	9/3/15	P-1079/P-1080/P-1081	Intersection	INT	9/9/15	4:05 PM	2x2	P	JC	121	09/10/15	EM	BM	P	
D2821	9/3/15	P-1080/P-1081/P-1083	Intersection	INT	9/9/15	4:10 PM	2x2	P	JC	121	01/01/00	EM	BM	P	
D2822	9/3/15	P-1078/P-1079/P-1080	Intersection	INT	9/9/15	2:50 PM	2x2	P	JC	121	09/10/15	EM	BM	P	
D2823	9/3/15	P-1055/P-1078/P-1080	Intersection	INT	9/3/15	2:35 PM	2x3	P	JC	121	09/10/15	EM	BM	P	
D2824	9/3/15	P-1055/P-1077/P-1078/P-1079	Intersection	INT	9/9/15	3:00 PM	2x6	P	JC	121	09/09/15	EM	BM	P	
D2825	9/3/15	P-1055/P-1074/P-1077	Intersection	INT	9/9/15	3:05 PM	2x3	P	JC	121	09/09/15	EM	BM	P	
D2826	9/3/15	P-1055/P-1071/P-1072/P-1074	Intersection	INT	9/9/15	3:20 PM	4x4	P	JC	121	09/09/15	EM	BM	P	
D2827	9/3/15	P-679/P-681/P-1083	Intersection	INT	9/9/15	2:10 PM	2x2	P	JC	121	09/10/15	EM	BM	P	
D2828	9/3/15	P-681/P-1080/P-1083	Intersection	INT	9/9/15	2:30 PM	2x2	P	JC	121	09/10/15	EM	BM	P	
D2829	9/3/15	P-682/P-1055/P-1080	Intersection	INT	9/9/15	2:45 PM	2x2	P	JC	121	09/10/15	EM	BM	P	
D2830	9/3/15	P-681/P-682/P-1080	Intersection	INT	9/9/15	2:40 PM	2x2	P	JC	121	09/10/15	EM	BM	P	
D2831	9/9/15	P-1083/P-1084	Anchor Trench	WR	9/9/15	4:10 PM	2x3	P	RA	001	09/10/15	EM	BM	P	
D2832	9/9/15	P-1083/P-1084	60' S of N EOS	WR	9/9/15	5:05 PM	2x5	P	RA	001	09/10/15	EM	BM	P	
D2833	9/9/15	P-1084/P-1085/P-1086	Intersection	INT	9/9/15	6:10 PM	2x3	P	RA	001	09/10/15	EM	BM	P	
D2834	9/9/15	P-1084/P-1085	17' N of S EOS	PT	9/10/15	6:15 PM	2x4	P	RA	001	09/11/15	EM	BM	P	
D2835	9/9/15	P-1085/P-1086/P-1087	Intersection	INT	9/9/15	6:00 PM	2x3	P	RA	001	09/10/15	EM	BM	P	
D2836	9/9/15	P-1087/P-1088	DF-366	DF	9/9/15	5:18 PM	2x5	P	RA	001	09/10/15	EM	BM	P	
D2837	9/9/15	P-1088/P-1090	DF-367	DF	9/9/15	5:20 PM	2x5	P	RA	001	09/10/15	EM	BM	P	
D2838	9/9/15	P-1088/P-1089/P-1090	Intersection	INT	9/10/15	6:10 PM	2x3	P	RA	001	09/10/15	EM	BM	P	
D2839	9/9/15	P-1089/P-1090/P-1091	Intersection	INT	9/10/15	6:30 PM	2x3	P	RA	001	09/10/15	EM	BM	P	
D2840	9/9/15	P-1092/P-1094	DF-368	DF	9/9/15	4:40 PM	2x5	P	RA	001	09/14/15	EM	BM	P	
D2841	9/9/15	P-1092/P-1094	96' S of N EOS	PT	9/11/15	6:00 PM	2x8	P	RA	001	09/14/15	EM	BM	P	
D2842	9/9/15	P-1094/P-1095	85' S of N EOS	BO	9/11/15	6:20 PM	2x8	P	RA	001	09/14/15	EM	BM	P	
D2843	9/9/15	P-1093/P-1095	DF-369	DF	9/12/15	5:15 PM	2x5	P	JC	121	09/12/15	EM	BM	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/FAIL	
D2844	9/9/15	P-1092/P-1094	Anchor Trench	WR	9/9/15	4:30 PM	2x4	P	RA	001	09/14/15	EM	BM	P	
D2845	9/9/15	P-1092/P-1093/P-1094	Intersection	INT	9/11/15	5:50 PM	2x8	P	RA	001	09/14/15	EM	BM	P	
D2846	9/9/15	P-1093/P-1094/P-1095	Intersection	INT	9/11/15	6:30 PM	2x4	P	RA	001	09/14/15	EM	BM	P	
D2847	9/9/15	P-1086/P-1087	Anchor Trench	PT	9/10/15	4:15 PM	3x4	P	RA	001	09/10/15	EM	BM	P	
D2848	9/9/15	P-682/P-1080	DX-68	DX	9/10/15	3:55 PM	2x5	P	JC	121	09/10/15	EM	BM	P	
D2849	9/10/15	P-679/P-1083/P-1084	Intersection	INT	9/10/15	7:08 PM	2x2	P	RA	001	09/11/15	EM	BM	P	
D2850	9/10/15	P-678/P-679/P-1084	Intersection	INT	9/10/15	6:15 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2851	9/10/15	P-678/P-679/P-1084	Intersection	INT	9/10/15	6:10 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2852	9/10/15	P-678/P-679/P-1084	Intersection	INT	9/10/15	6:05 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2853	9/10/15	P-676/P-1086/P-1087	Intersection	INT	9/10/15	6:00 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2854	9/10/15	P-1087/P-1088	5' E of W EOS & 1' N	DO	9/10/15	Covered by D2855									
D2855	9/10/15	P-675/P-676/P-1087	Intersection	INT	9/10/15	5:55 PM	2x6	P	JC	121	09/11/15	EM	BM	P	Covers D5854
D2856	9/10/15	P-675/P-1087/P-1088	Intersection	INT	9/10/15	5:50 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2857	9/10/15	P-685/P-375/P-1088	Intersection	INT	9/10/15	2:45 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2858	9/10/15	P-685/P-1088/P-1089	Intersection	INT	9/10/15	5:40 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2859	9/10/15	P-685/P-686/P-1089	Intersection	INT	9/10/15	5:35 PM	2x4	P	JC	121	09/11/15	EM	BM	P	Covers D2860
D2860	9/10/15	P-1089	2' E of W EOS/1' N	DO	9/10/15	Covered by D2859									
D2861	9/10/15	P-686/P-1089/P-1091	Intersection	INT	9/10/15	5:30 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2862	9/10/15	P-686/P-689/P-1091	Intersection	INT	9/10/15	5:25 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2863	9/10/15	P-689/P-1091/P-1092	Intersection	INT	9/10/15	5:20 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2864	9/10/15	P-689/P-690/P-1092	Intersection	INT	9/10/15	5:15 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2865	9/10/15	P-690/P-1092/P-1093	Intersection	INT	9/10/15	5:10 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2866	9/10/15	P-690/P-691/P-1093	Intersection	INT	9/10/15	5:00 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2867	9/10/15	P-691/P-1093/P-1095	Intersection	INT	9/12/15	Covered by D2938									
D2868	9/10/15	P-691/P-693/P-1095	Intersection	INT	9/12/15	6:40 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2869	9/10/15	P-693/P-1095/P-1096	Intersection	INT	9/12/15	6:37 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2870	9/10/15	P-1095/P-1096	DF-370	DF	9/12/15	3:40 PM	2x5	P	RA	121	09/14/15	EM	BM	P	
D2871	9/10/15	P-1095/P-1096	Anchor Trench	WR	9/10/15	4:00 PM	2x7	P	RA	001	09/14/15	EM	BM	P	
D2872	9/10/15	P-1096/P-1098	29' S of N EOS	WR	9/12/15	3:55 PM	2x3	P	RA	001	09/14/15	EM	BM	P	
D2873	9/10/15	P-1096/P-1098	37' S of N EOS	BO	9/11/15	7:02 PM	2x2	P	RA	001	09/14/15	EM	BM	P	
D2874	9/10/15	P-1096/P-1097/P-1098	Intersection	INT	9/11/15	6:45 PM	2x5	P	RA	001	09/14/15	EM	BM	P	
D2875	9/10/15	P-1097/P-1098	109' S of N EOS	W	9/12/15	2:40 PM	2x4	P	RA	001	09/12/15	EM	BM	P	
D2876	9/10/15	P-693/P-695/P-1096	Intersection	INT	9/12/15	6:33 PM	2x2	P	JC	001	09/12/15	EM	BM	P	
D2877	9/10/15	P-695/P-1096/P-1097	Intersection	INT	9/12/15	6:30 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2878	9/10/15	P-695/P-696/P-1097	Intersection	INT	9/12/15	6:25 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2879	9/10/15	P-696/P-1097/P-1098	Intersection	INT	9/12/15	6:22 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2880	9/10/15	P-696/P-697/P-1098	Intersection	INT	9/12/15	6:18 PM	2x	P	JC	121	09/12/15	EM	BM	P	
D2881	9/10/15	P-697/P-1098/P-1099	Intersection	INT	9/11/15	6:15 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2882	9/10/15	P-1098/P-1099/P-1100	Intersection	INT	9/12/15	Covered by D2885									
D2883	9/10/15	P-697/P-903/P-905/P-1099	Intersection	INT	9/11/15	6:10 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2884	9/10/15	P-1099/P-1100/P-1101	Intersection	INT	9/12/15	4:05 PM	2x3	P	RA	001	09/14/15	EM	BM	P	
D2885	9/10/15	P-1098/P-1100	DF-371	DF	9/12/15	3:20 PM	2x6	P	RA	001	09/14/15	EM	BM	P	Covers D2882
D2886	9/10/15	P-1100/P-1101	Anchor Trench	WR	9/10/15	4:20 PM	2x3	P	RA	001	09/14/15	EM	BM	P	
D2887	9/10/15	P-1099/P-1101	DF-372	DF	9/12/15	4:45 PM	2x5	P	RA	001	09/14/15	EM	BM	P	
D2888	9/10/15	P-905/P-1099/P-1101	Intersection	INT	9/11/15	6:08 PM	2x7	P	JC	121	09/11/15	EM	BM	P	
D2889	9/10/15	P-1105/P-1106/P-1107	Intersection	INT	9/14/15	10:15 AM	2x7	P	RA	001	09/19/15	EM	BM	P	

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D2890	9/10/15	P-1104/P-1105	Anchor Trench	W	9/10/15	4:35 PM	2x3	P	RA	001	09/14/15	EM	BM	P	
D2891	9/10/15	P-1104/P-1105	DF-373	DF	9/12/15	7:05 PM	2x6	P	RA	001	09/14/15	EM	BM	P	
D2892	9/10/15	P-1105/P-1106	DF-374	DF	9/14/15	10:30 AM	2x5	P	RA	001	09/19/15	EM	BM	P	
D2893	9/10/15	P-1106/P-1107/P-1108	Intersection	INT	9/14/15	11:20 AM	2x2	P	RA	001	09/19/15	EM	BM	P	
D2894	9/10/15	P-1101/P-1102/P-1103	Intersection	INT	9/12/15	5:00 PM	3x3	P	RA	001	09/14/15	EM	BM	P	
D2895	9/10/15	P-1102/P-1103/P-1104	Intersection	INT	9/12/15	5:30 PM	2x3	P	RA	001	09/14/15	EM	BM	P	
D2896	9/10/15	P-905/P-906/P-1101	Intersection	INT	9/11/15	6:02 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2897	9/10/15	P-906/P-1101/P-1102	Intersection	INT	9/11/15	6:00 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2898	9/10/15	P-906/P-907/P-1102	Intersection	INT	9/11/15	5:54 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2899	9/10/15	P-907/P-1102/P-1104	Intersection	INT	9/11/15	5:53 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2900	9/10/15	P-907/P-908/P-1104	Intersection	INT	9/11/15	5:46 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2901	9/10/15	P-908/P-1104/P-1105	Intersection	INT	9/11/15	5:45 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2902	9/10/15	P-908/P-909/P-1105	Intersection	INT	9/11/15	5:36 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2903	9/10/15	P-909/P-1105/P-1106	Intersection	INT	9/11/15	5:35 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2904	9/10/15	P-909/P-910/P-1106	Intersection	INT	9/11/15	5:26 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2905	9/10/15	P-910/P-1106/P-1108	Intersection	INT	9/11/15	5:25 PM	2x2	P	JC	121	09/11/15	EM	BM	P	
D2906	9/10/15	P-1105/P-1107	Anchor Trench	WR	9/10/15	4:44 PM	2x4	P	RA	001	09/14/15	EM	BM	P	
D2907	9/11/15	P-1108/P-1109/P-1111	Anchor Trench	WR	9/11/15	5:00 PM	2x5	P	RA	001	09/19/15	EM	BM	P	
D2908	9/11/15	P-1108/P-1109	DF-375	DF	9/15/15	1:20 PM	2x5	P	RA	001	09/19/15	EM	BM	P	
D2909	9/11/15	P-1109/P-1110/P-1111	Intersection	INT	9/12/15	5:10 PM	2x4	P	JC	121	09/19/15	EM	BM	P	
D2910	9/11/15	P-1111/P-1112/P-1113	Intersection	INT	9/12/15	5:15 PM	2x3	P	JC	121	09/19/15	EM	BM	P	
D2911	9/11/15	P-1113/P-1114	DF-376	DF	9/14/15	5:22 PM	2x5	P	RA	001	09/19/15	EM	BM	P	
D2912	9/11/15	P-1112/P-1113/P-1114	Intersection	INT	9/12/15	5:30 PM	2x4	P	JC	121	09/19/15	EM	BM	P	
D2913	9/11/15	P-1112/P-1114	115' S of N EOS	W	9/12/15	5:45 PM	2x5	P	JC	121	09/19/15	EM	BM	P	
D2914	9/11/15	P-1114/P-1115/P-1116	Intersection	INT	9/12/15	5:45 PM	3x5	P	JC	121	09/19/15	EM	BM	P	
D2915	9/11/15	P-1112	66' S of N EOS / 1'E	DO	9/12/15	16:50	2x2	P	RA	001	09/19/15	EM	BM	P	
D2916	9/11/15	P-1112	46' S of N EOS / 1'E	DO	9/12/15	11:30 AM	2x2	P	AR	125	09/19/15	EM	BM	P	
D2917	9/11/15	P-1115/P-1116/P-1117	Intersection	INT	9/12/15	5:50 PM	2x4	P	JC	121	09/19/15	EM	BM	P	
D2918	9/11/15	P-1114/P-1116	DF-377	DF	9/15/15	11:45 AM	2x5	P	JC	121	09/19/15	EM	BM	P	
D2919	9/11/15	P-1115/P-1117	DF-378	DF	9/12/15	6:15 PM	2x5	P	JC	121	09/19/15	EM	BM	P	
D2920	9/11/15	P-1118/P-1119/P-1120	Intersection	INT	9/12/15	6:20 PM	2x4	P	JC	121	09/19/15	EM	RD	P	
D2921	9/11/15	P-1114/P-1115	116' S of N EOS	W	9/14/15	8:15 AM	2x5	P	RA	001	09/19/15	EM	BM	P	
D2922	9/11/15	P-1120/P-1121	DF-379	DF	9/16/15	3:10 PM	2x5	P	JC	121	09/19/15	EL	RD	P	
D2923	9/11/15	P-1119/P-1120/P-1121	Intersection	INT	9/12/15	6:35 PM	2x3	P	JC	121	09/19/15	EL	RD	P	
D2924	9/11/15	P-1121/P-1122	DF-380	DF	9/16/15	3:25 PM	2x5	P	JC	121	09/19/15	EL	RD	P	
D2925	9/11/15	P-1121/P-1122	Anchor Trench	PT	9/16/15	3:45 PM	2x2	P	JC	121	09/19/15	EL	RD	P	
D2926	9/11/15	P-920/P-921/P-1121/P-1122	Intersection	INT	9/12/15	3:10 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2927	9/11/15	P-919/P-920/P-1119/P-1121	Intersection	INT	9/12/15	3:15 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2928	9/11/15	P-918/P-919/P-1118/P-1119	Intersection	INT	9/12/15	3:20 PM	2x10	P	JC	121	09/12/15	EM	BM	P	
D2929	9/11/15	P-917/P-918/P-1117/P-1118	Intersection	INT	9/12/15	3:25 PM	2x4	P	JC	121	09/12/15	EM	BM	P	
D2930	9/11/15	P-916/P-917/P-1115/P-1117	Intersection	INT	9/12/15	3:30 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2931	9/11/15	P-915/P-916/P-1114/P-1115	Intersection	INT	9/12/15	3:35 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2932	9/11/15	P-914/P-915/P-1112/P-1114	Intersection	INT	9/12/15	3:40 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2933	9/11/15	P-913/P-914/P-1111/P-1112	Intersection	INT	9/12/15	3:45 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2934	9/11/15	P-912/P-913/P-1110/P-1111	Intersection	INT	9/12/15	3:50 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2935	9/11/15	P-911/P-912/P-1109/P-1110	Intersection	INT	9/12/15	3:55 PM	2x2	P	JC	121	09/12/15	EM	BM	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D2936	9/11/15	P-911/P-1108/P-1109	Intersection	INT	9/12/15	4:00 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2937	9/11/15	P-910/P-911/P-1108	Intersection	INT	9/12/15	4:02 PM	2x2	P	JC	121	09/12/15	EM	BM	P	
D2938	9/11/15	P-691/P-1095	DX-70	DX	9/12/15	7:25 PM	2x6	P	JC	121	09/12/15	EM	BM	P	Covers D2867
D2939	9/12/15	P-1124/P-1125	DF-381	DF	9/12/15	7:05 PM	2x5	P	JC	121	09/18/15	EM	RD	P	
D2940	9/12/15	P-1126/P-1127	DF-382	DF	9/16/15	4:30 PM	2x5	P	JC	121	09/18/15	EM	RD	P	
D2941	9/12/15	P-1128/P-1129	DF-383	DF	9/16/15	4:35 PM	2x5	P	RA	125	09/18/15	EM	RD	P	
D2942	9/12/15	P-1129/P-1131	DF-384	DF	9/16/15	4:45 PM	2x5	P	RA	125	09/18/15	EM	TB	P	
D2943	9/12/15	P-1123/P-1124/P-1125	Intersection	INT	9/12/15	6:45 PM	2x5	P	JC	121	09/18/15	EM	RD	P	
D2944	9/12/15	P-1125/P-1126/P-1127	Intersection	INT	9/12/15	7:20 PM	2x3	P	JC	121	09/19/15	EM	RD	P	
D2945	9/12/15	P-1126/P-1127/P-1128	Intersection	INT	9/16/15	4:35 PM	2x3	P	JC	121	09/19/15	EM	RD	F	
D2946	9/12/15	P-1128/P-1129/P-1130	Intersection	INT	9/16/15	4:25 PM	2x4	P	JC	121	09/19/15	EM	RD	P	
D2947	9/12/15	P-1129/P-1130/P-1131	Intersection	INT	9/16/15	4:50 PM	2x3	P	JC	121	09/26/15	RR	BM	P	
D2948	9/12/15	P-1131/P-1132/P-1133	Intersection	INT	9/16/15	5:20 PM	2x2	P	JC	121	09/26/15	RR	BM	P	
D2949	9/12/15	P-1132/P-1133/P-1134	Intersection	INT	9/17/15	3:25 PM	2x3	P	JC	121	09/19/15	EM	TB	P	
D2950	9/12/15	P-1122/P-1123/P-1125	Intersection	INT	9/16/15	3:50 PM	2x4	P	JC	121	09/19/15	EM	RD	F	
D2951	9/12/15	P-1133/P-1134	Anchor Trench	WR	9/16/15	5:40 PM	2x6	P	JC	121	09/19/15	EM	TB	P	
D2952	9/12/15	P-1133/P-1134	9' S of N EOS	BO	9/16/15	5:50 PM	2x4	P	JC	121	09/19/15	EM	TB	P	
D2953	9/12/15	P-911/P-1109	DX-71	DX	9/16/15	5:30 PM	2x5	P	RA	125	09/19/15	EM	BM	P	
D2954	9/12/15	P-1135/P-1136	DF-385	DF	9/15/15	10:40 AM	2x6	P	JC	121	09/17/15	DA	BM	P	
D2955	9/13/15	P-1137/P-1138	DF-386	DF	9/16/15	7:30 AM	2x7	P	AR	001	09/17/15	DA	BM	P	Covers D2977
D2956	9/13/15	P-1122/P-1123	6' N of S EOS	W	9/13/15	1:10 PM	3x8	P	JC	121	09/14/15	EM	BM	P	
D2957	9/13/15	P-921/P-1122/P-1123	Intersection	INT	9/13/15	11:50 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2958	9/13/15	P-921/P-922/P-1123	Intersection	INT	9/13/15	11:49 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2959	9/13/15	P-922/P-1123/P-1124	Intersection	INT	9/13/15	11:45 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2960	9/13/15	P-922/P-923/P-1124	Intersection	INT	9/13/15	11:44 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2961	9/13/15	P-923/P-1124/P-1125	Intersection	INT	9/13/15	11:40 AM	2x6	P	JC	121	09/14/15	EM	BM	P	
D2962	9/13/15	P-923/P-924/P-1125	Intersection	INT	9/13/15	11:35 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2963	9/13/15	P-924/P-1125/P-1126	Intersection	INT	9/13/15	11:30 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2964	9/13/15	P-924/P-925/P-1126	Intersection	INT	9/13/15	11:27 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2965	9/13/15	P-925/P-1126/P-1128	Intersection	INT	9/13/15	11:22 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2966	9/13/15	P-925/P-926/P-1128	Intersection	INT	9/13/15	11:20 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2967	9/13/15	P-926/P-1128/P-1129	Intersection	INT	9/13/15	11:15 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2968	9/13/15	P-926/P-927/P-1129	Intersection	INT	9/13/15	11:13 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2969	9/13/15	P-927/P-1129/P-1131	Intersection	INT	9/13/15	11:08 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2970	9/13/15	P-927/P-928/P-1131	Intersection	INT	9/13/15	11:05 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2971	9/13/15	P-928/P-1131/P-1132	Intersection	INT	9/13/15	11:00 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2972	9/13/15	P-928/P-929/P-1132	Intersection	INT	9/13/15	10:58 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2973	9/13/15	P-929/P-1132/P-1134	Intersection	INT	9/13/15	10:53 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2974	9/13/15	P-929/P-930/P-1134	Intersection	INT	9/13/15	10:50 AM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2975	9/13/15	P-1142/P-1143	DF-387	DF	9/16/15	8:00 AM	3x6	P	RA	001	09/17/15	RJ	BM	P	Covers D3000
D2976	9/13/15	P-662/P-1137/P-1139	Intersection	INT	9/15/15	9:40 AM	2x13	C	JC	121	09/17/15	DA	BM	P	Covers D3065, D3101
D2977	9/13/15	P-1137/P-1138/P-1139	Intersection	INT	9/16/15						Covered by D2955				
D2978	9/13/15	P-1135/P-1137/P-1138	Intersection	INT	9/16/15	7:20 AM	2x5	P	RA	001	09/17/15	DA	BM	P	
D2979	9/13/15	P-660/P-1135/P-1137	Intersection	INT	9/15/15						Covered by D3104				
D2980	9/13/15	P-655/P-1135/P-1136	Intersection	INT	9/15/15	10:30 AM	2x9	P	JC	121	09/17/15	DA	BM	P	Covers D2981
D2981	9/13/15	P-654/P-655/P-1136	Intersection	INT	9/15/15						Covered by D2980				

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D2982	9/13/15	P-654/P-1136/P-1147	Intersection	INT	9/15/15	10:55 AM	3x9	P	JC	121	09/17/15	DA	BM	P	
D2983	9/13/15	P-653/P-654/P-1147	Intersection	INT	9/15/15	11:00 AM	2x3	P	JC	121	09/17/15	DA	BM	P	
D2984	9/13/15	P-653/P-1141	S EOS - N EOS	FS	9/15/15	11:15 AM	2x9	C	JC	121	09/17/15	DA	BM	P	Covers D2984A, D2985
D2984A	9/13/15	P-653/P-1141/P-1147	Intersection	INT	9/15/15	Covered by D2984									
D2985	9/13/15	P-652/P-653/P-1141	Intersection	INT	9/15/15	Covered by D2984									
D2986	9/13/15	P-652/P-1141/P-1144	Intersection	INT	9/15/15	11:20 AM	2x2	P	JC	121	09/17/15	DA	BM	P	
D2987	9/13/15	P-652/P-661/P-1144	Intersection	INT	9/15/15	11:25 AM	2x4	P	JC	121	09/17/15	DA	BM	P	
D2988	9/13/15	P-1142/P-1147	DF-388	DF	9/16/15	7:46 AM	2X5	P	RA	001	09/17/15	RJ	BM	P	
D2989	9/13/15	P-403/P-661/P-1144	Intersection	INT	9/15/15	11:35 AM	3x5	P	JC	121	09/17/15	DA	BM	P	
D2990	9/13/15	P-402/P-403/P-1144	Intersection	INT	9/13/15	4:00 PM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2991	9/13/15	P-401/P-402/P-1144	Intersection	INT	9/13/15	3:50 PM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2992	9/13/15	P-400/P-401/P-1144	Intersection	INT	9/13/15	3:45 PM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2993	9/13/15	P-399/P-400/P-1144	Intersection	INT	9/13/15	3:33 PM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2994	9/13/15	P-1141/P-1142/P-1144	Intersection	INT	9/15/15	12:04 PM	2x2	P	JC	121	09/17/15	DA	BM	P	
D2995	9/13/15	P-1141/P-1142/P-1147	Intersection	INT	9/16/15	7:33 AM	2x3	P	RA	121	09/17/15	RJ	BM	P	
D2996	9/13/15	P-1142/P-1144/P-1146	Intersection	INT	9/16/15	7:40 AM	2x3	P	RA	001	09/17/15	RJ	BM	P	
D2997	9/13/15	P-399/P-1144/P-1146	Intersection	INT	9/13/15	3:30 PM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2998	9/13/15	P-398/P-399/P-1146	Intersection	INT	9/13/15	3:20 PM	2x2	P	JC	121	09/14/15	EM	BM	P	
D2999	9/13/15	P-397/P-398/P-1146	Intersection	INT	9/13/15	3:10 PM	2x2	P	JC	121	09/14/15	EM	BM	P	
D3000	9/13/15	P-1142/P-1143/P-1147	Intersection	INT	9/16/15	Covered by D2975									
D3001	9/13/15	P-1142/P-1143/P-1145/P-1146	Intersection	INT	9/16/15	8:05 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3002	9/13/15	P-396/P-397/P-1146	Intersection	INT	9/14/15	4:10 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3003	9/13/15	P-396/P-1145/P-1146	Intersection	INT	9/14/15	4:05 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3004	9/13/15	P-395/P-396/P-1145	Intersection	INT	9/14/15	4:00 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3005	9/13/15	P-395/P-1143/P-1145	Intersection	INT	9/16/15	8:49 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3006	9/13/15	P-394/P-395/P-1143	Intersection	INT	9/14/15	3:50 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3007	9/13/15	P-393/P-394/P-1143	Intersection	INT	9/14/15	3:40 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3008	9/13/15	P-1143/P-1147/P-1149	Intersection	INT	9/16/15	8:55 AM	2x3	P	RA	001	09/16/15	DA	BM	P	
D3009	9/13/15	P-395/P-1143/P-1149	Intersection	INT	9/14/15	3:35 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3010	9/13/15	P-392/P-393/P-1149	Intersection	INT	9/14/15	3:25 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3011	9/13/15	P-391/P-392/P-1149	Intersection	INT	9/14/15	3:15 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3012	9/13/15	P-391/P-1148/P-1149	Intersection	INT	9/14/15	3:10 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3013	9/13/15	P-1147/P-1148/P-1149	Intersection	INT	9/16/15	9:07 AM	2x2	P	RA	001	09/16/15	DA	BM	P	
D3014	9/13/15	P-390/P-391/P-1148	Intersection	INT	9/14/15	3:00 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3015	9/13/15	P-389/P-390/P-1148	Intersection	INT	9/14/15	2:44 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3016	9/13/15	P-388/P-389/P-1148	Intersection	INT	9/14/15	2:35 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3017	9/13/15	P-1135/P-1138/P-1140	Intersection	INT	9/14/15	6:30 PM	2x2	P	JC	121	09/17/15	DA	BM	P	
D3018	9/13/15	P-698/P-903/P-1139	Intersection	INT	9/15/15	9:10 AM	5x5	P	JC	121	09/17/15	DA	BM	P	
D3019	9/13/15	P-903/P-904/P-1139	Intersection	INT	9/15/15	8:50 AM	2x2	P	JC	121	09/17/15	DA	BM	P	
D3020	9/13/15	P-904/P-905/P-1139	Intersection	INT	9/15/15	8:45 AM	2x8	P	JC	121	09/17/15	DA	BM	P	Covers D3116
D3021	9/13/15	P-906/P-1139	E EOS - W EOS	FS	9/15/15	6:35 PM	2x7	C	JC	121	09/17/15	DA	BM	P	Covers D3021A, D3063
D3021A	9/13/15	P-905/P-906/P-1139	Intersection	INT	9/15/15	Covered by D3021									
D3022	9/13/15	P-906/P-1138/P-1140	Intersection	INT	9/14/15	Covered by D3114									
D3023	9/13/15	P-906/P-907/P-1140	Intersection	INT	9/14/15	Covered by D3114									
D3024	9/13/15	P-907/P-908/P-1140	Intersection	INT	9/14/15	6:45 PM	2x2	P	AR	125	09/17/15	DA	BM	P	
D3025	9/13/15	P-908/P-909/P-1140	Intersection	INT	9/14/15	6:40 PM	2x2	P	AR	125	09/17/15	DA	BM	P	

Notes:

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Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS	
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL		
D3026	9/13/15	P-909/P-910/P-1135/P-1140	Intersection	INT	9/14/15	Covered by D3100										
D3027	9/13/15	P-910/P-911/P-1135	Intersection	INT	9/14/15	6:10 PM	2x3	P	AR	125	09/16/15	RJ	BM	P		
D3028	9/13/15	P-911/P-912/P-1135	Intersection	INT	9/14/15	5:55 PM	2x6	P	AR	125	09/16/15	RJ	BM	P		
D3029	9/13/15	P-912/P-913/P-1135	Intersection	INT	9/14/15	5:35 PM	2x3	P	AR	125	09/16/15	RJ	BM	P		
D3030	9/13/15	P-913/P-914/P-1135	Intersection	INT	9/14/15	5:20 PM	2x2	P	AR	125	09/16/15	DA	BM	P		
D3031	9/13/15	P-914/P-915/P-1135	Intersection	INT	9/14/15	6:01 PM	2x7	P	JC	121	09/16/15	DA	BM	P		
D3032	9/13/15	P-915/P-916/P-1135	Intersection	INT	9/14/15	5:50 PM	2x3	P	JC	121	09/16/15	DA	BM	P		
D3033	9/13/15	P-916/P-917/P-1135	Intersection	INT	9/14/15	5:40 PM	2x2	P	JC	21	09/16/15	DA	BM	P		
D3034	9/13/15	P-917/P-918/P-1135	Intersection	INT	9/14/15	5:15 PM	2x5	P	JC	21	09/16/15	DA	BM	P		
D3035	9/13/15	P-922/P-1123	DX-72	DX	9/16/15	4:10 PM	2x5	P	RA	001	09/18/15	JC	BM	P		
D3036	9/13/15	P-1150/P-1151	DF-389	DF	9/14/15	4:15 PM	2x5	P	AR	125	09/15/15	EM	BM	P		
D3037	9/13/15	P-918/P-1135/P-1155	Intersection	INT	9/14/15	Covered by D3110										
D3038	9/13/15	P-1135/P-1136/P-1151/P-1155	Intersection	INT	9/14/15	5:30 PM	2x3	P	JC	121	09/16/15	RJ	BM	P		
D3039	9/13/15	P-1151/P-1155	DF-390	DF	9/14/15	3:15 PM	2x5	P	AR	125	09/15/15	EM	BM	P		
D3040	9/13/15	P-1136/P-1150/P-1151	Intersection	INT	9/14/15	Covered by D3107										
D3041	9/13/15	P-1136/P-1147/P-1150	Intersection	INT	9/14/15	Covered by D3107										
D3042	9/13/15	P-1150/P-1151/P-1152	Intersection	INT	9/14/15	3:00 PM	2x2	P	AR	125	09/15/15	EM	BM	P		
D3043	9/13/15	P-1151/P-1152/P-1155	Intersection	INT	9/14/15	2:55 PM	2x2	P	AR	125	09/15/15	EM	BM	P		
D3044	9/13/15	P-1152/P-1153/P-1155	Intersection	INT	9/14/15	1:55 PM	2x2	P	AR	125	09/14/15	EM	BM	P		
D3045	9/13/15	P-1153/P-1154/P-1155	Intersection	INT	9/14/15	1:50 PM	2x2	P	AR	125	09/14/15	EM	BM	P		
D3046	9/13/15	P-1155/P-1160	DF-391	DF	9/14/15	11:35 AM	2x5	P	AR	125	09/14/15	EM	BM	P		
D3047	9/13/15	P-1154/P-1155	42' E of W EOS	W	9/14/15	11:57 AM	2x2	P	AR	125	09/14/15	EM	BM	P		
D3048	9/13/15	P-1155/P-1160/P-1161	Intersection	INT	9/14/15	11:45 AM	2x2	P	AR	125	09/14/15	EM	BM	P		
D3049	9/13/15	P-1155/P-1160/P-1161	Intersection	INT	9/14/15	1:35 PM	2x3	P	AR	125	09/14/15	EM	BM	P		
D3050	9/13/15	P-1155/P-1158/P-1159	Intersection	INT	9/14/15	2:35 PM	2x2	P	AR	125	09/15/15	EM	BM	P		
D3051	9/13/15	P-1155/P-1157/P-1158	Intersection	INT	9/14/15	3:55 PM	2x2	P	AR	125	09/15/15	EM	BM	P		
D3052	9/13/15	P-926/P-927/P-1159	Intersection	INT	9/14/15	2:15 PM	2x4	P	AR	125	09/14/15	EM	BM	P		
D3053	9/13/15	P-927/P-1159/P-1162	Intersection	INT	9/14/15	1:10 PM	2x4	P	AR	125	09/14/15	EM	BM	P		
D3054	9/13/15	P-927/P-928/P-1162	Intersection	INT	9/14/15	1:00 PM	2x2	P	AR	125	09/14/15	EM	BM	P		
D3055	9/13/15	P-1159/P-1160/P-1162	Intersection	INT	9/14/15	12:55 PM	2x2	P	AR	125	09/14/15	EM	BM	P		
D3056	9/13/15	P-1160/P-1162/P-1163	Intersection	INT	9/14/15	12:00 PM	2x4	P	AR	125	09/14/15	EM	BM	P		
D3057	9/13/15	P-928/P-929/P-1162/P-1163	Intersection	INT	9/14/15	12:10 PM	2x2	P	AR	125	09/14/15	EM	BM	P		
D3058	9/13/15	P-928/P-930/P-1163	Intersection	INT	9/14/15	11:10 AM	2x3	P	AR	125	09/14/15	EM	BM	P		
D3059	9/13/15	P-930/P-1163/P-1164	Intersection	INT	9/14/15	11:05 AM	2x2	P	AR	125	09/14/15	EM	BM	P		
D3060	9/13/15	P-1160/P-1163/P-1164	Intersection	INT	9/14/15	11:25 AM	2x3	P	AR	125	09/14/15	EM	BM	P		
D3061	9/13/15	P-1160/P-1161/P-1164	Intersection	INT	9/14/15	11:00 AM	2x2	P	AR	125	09/14/15	EM	BM	P		
D3062	9/13/15	P-930/P-931/P-1164	Intersection	INT	9/14/15	10:55 AM	2x3	P	AR	125	09/14/15	EM	BM	P		
D3063	9/13/15	P-906/P-1138/P-1139	Intersection	INT	9/14/15	Covered by D3021										
D3064	9/13/15	P-662/P-698/P-1139	Intersection	INT	9/15/15	9:10 AM	2x4	P	JC	121	09/17/15	DA	BM	P		
D3065	9/13/15	P-662/P-1139	4' N of S EOS	PT	9/15/15	Covered by D2976										
D3066	9/13/15	P-913/P-1135	DF-392	DF	9/14/15	5:30 PM	2x7	P	AR	125	09/16/15	RJ	BM	P		
D3067	9/13/15	P-1147/P-1148/P-1156	Intersection	INT	9/16/15	9:15 AM	2x6	P	AR	001	09/16/15	RJ	BM	P		
D3068	9/13/15	P-388/P-1148/P-1156	Intersection	INT	9/14/15	2:20 PM	2x2	P	JC	121	09/17/15	RJ	BM	P		
D3069	9/13/15	P-387/P-388/P-1156	Intersection	INT	9/14/15	2:19 PM	2x2	P	JC	121	09/17/15	RJ	BM	P		
D3070	9/13/15	P-386/P-387/P-1147	Intersection	INT	9/14/15	2:05 PM	2x2	P	JC	121	09/17/15	RJ	BM	P		
D3071	9/13/15	P-386/P-1147/P-1150	Intersection	INT	9/14/15	4:45 PM	2x3	P	AR	125	09/16/15	RJ	BM	P		

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D3072	9/13/15	P-385/P-386/P-1150	Intersection	INT	9/14/15	1:53 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3073	9/13/15	P-384/P-385/P-1150	Intersection	INT	9/14/15	1:40 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3074	9/13/15	P-383/P-384/P-1150	Intersection	INT	9/14/15	1:30 PM	2x2	P	JC	121	09/17/15	RJ	BM	P	
D3075	9/13/15	P-381/P-383/P-1150	Intersection	INT	9/16/15	11:39 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3076	9/13/15	P-380/P-381/P-1150	Intersection	INT	9/16/15	11:32 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3077	9/13/15	P-345/P-380/P-1150	Intersection	INT	9/16/15	11:25 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3078	9/13/15	P-344/P-345/P-1150	Intersection	INT	9/16/15	11:10 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3079	9/13/15	P-343/P-344/P-1150	Intersection	INT	9/16/15	10:55 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3080	9/13/15	P-342/P-343/P-1150	Intersection	INT	9/16/15	10:50 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3081	9/13/15	P-340/P-342/P-1150	Intersection	INT	9/16/15	10:25 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3082	9/13/15	P-340/P-1150/P-1152/P-1153	Intersection	INT	9/16/15	10:30 AM	2x5	P	RA	001	09/17/15	RJ	BM	P	
D3083	9/13/15	P-329/P-340/P-1153	Intersection	INT	9/16/15	10:18 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3084	9/13/15	P-329/P-1153/P-1154	Intersection	INT	9/16/15	10:17 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3085	9/13/15	P-329/P-332/P-1154	Intersection	INT	9/16/15	10:05 AM	2x2	P	RA	001	09/17/15	RJ	BM	P	
D3086	9/13/15	P-332/P-333/P-1154	Intersection	INT	9/16/15	10:00 AM	2x2	P	RA	001	09/17/15	EM	BM	P	
D3087	9/13/15	P-333/P-335/P-1154	Intersection	INT	9/16/15	9:50 AM	2x2	P	RA	001	09/17/15	EM	BM	P	
D3088	9/13/15	P-335/P-337/P-1155	Intersection	INT	9/17/15	Covered by D3136									
D3089	9/13/15	P-918/P-919/P-1157	Intersection	INT	9/14/15	Covered by D3110									
D3090	9/13/15	P-919/P-920/P-1157	Intersection	INT	9/14/15	5:00 PM	2x2	P	JC	121	09/15/15	EM	BM	P	
D3091	9/13/15	P-920/P-921/P-1157	Intersection	INT	9/14/15	4:55 PM	2x2	P	JC	121	09/15/15	EM	BM	P	
D3092	9/13/15	P-921/P-922/P-1157	Intersection	INT	9/14/15	4:50 PM	2x2	P	JC	121	09/15/15	EM	BM	P	
D3093	9/13/15	P-922/P-1157/P-1158	Intersection	INT	9/14/15	4:45 PM	2x2	P	JC	121	09/15/15	EM	BM	P	
D3094	9/13/15	P-922/P-923/P-1158	Intersection	INT	9/14/15	3:50 PM	2x3	P	AR	125	09/15/15	EM	BM	P	
D3095	9/13/15	P-923/P-924/P-1158	Intersection	INT	9/14/15	3:45 PM	2x10	P	AR	125	09/15/15	EM	BM	P	
D3096	9/13/15	P-924/P-925/P-1158	Intersection	INT	9/14/15	3:25 PM	2x2	P	AR	125	09/15/15	EM	BM	P	
D3097	9/13/15	P-925/P-1158/P-1159	Intersection	INT	9/14/15	Covered by D3108									
D3098	9/13/15	P-925/P-926/P-1159	Intersection	INT	9/14/15	Covered by D3108									
D3099	9/13/15	P-385/P-1150/P-1156	Intersection	INT	9/14/15	4:25 PM	2x6	P	AR	125	09/17/15	RJ	BM	P	
D3100	9/14/15	P-910/P-1135	E EOS-12'W	FS	9/14/15	6:30 PM	4x20	C	AR	125	09/17/15	DA	BM	P	Covers D3026
D3101	9/14/15	P-662/P-1137	N EOS -5'S	FS	9/15/15	Covered by D2976									
D3102	9/14/15	P-660/P-662/P-1137	Intersection	INT	9/15/15	9:50 AM	2x6	P	JC	121	09/17/15	DA	BM	P	
D3103	9/14/15	P-660/P-1135	N EOS - S EOS	FS	9/15/15	Covered by D3104									
D3104	9/14/15	P-655/P-656/P-658/P-660	Intersection	INT	9/15/15	10:00 AM	2x7	P	JC	121	09/17/15	DA	BM	P	Covers D2979, D3103
D3105	9/14/15	P-661/P-1144	DF-393	DF	9/15/15	11:30 AM	2x5	P	JC	121	09/17/15	DA	BM	P	
D3106	9/14/15	P-395/P-1145	DX-73	DX	9/16/15	8:45 AM	2x6	P	RA	001	09/17/15	RJ	BM	P	
D3107	9/14/15	P-1136/P-1150	E EOS - W EOS	FS	9/14/15	5:00 PM	2x13	C	AR	125	09/16/15	RJ	BM	P	Covers D3040, D3041
D3108	9/14/15	P-925/P-1159	E EOS - W EOS	FS	9/14/15	2:25 PM	2x7	C	AR	125	09/15/15	EM	BM	P	Covers D3097, D3098
D3109	9/14/15	P-919/P-1155	14' W of E EOS	PT	9/14/15	5:05 PM	2x5	P	JC	121	09/15/15	EM	BM	P	
D3110	9/14/15	P-918/P-1155	E EOS - W EOS	FS	9/14/15	5:10 PM	2x11	C	JC	121	09/16/15	RJ	BM	P	Covers D3037, D3089
D3111	9/14/15	P-915/P-1135	11' W of E EOS	PT	9/14/15	5:56 PM	2x5	P	JC	121	09/16/15	DA	BM	P	
D3112	9/14/15	P-911/P-1135	7' W of E EOS	PT	9/14/15	6:00 PM	2x3	P	AR	125	09/16/15	RJ	BM	P	
D3113	9/14/15	P-1138/P-1140	N - 10'S	PT	9/14/15	6:20 PM	2x9	P	JC	121	09/17/15	DA	BM	P	
D3114	9/14/15	P-906/P-1140	E EOS - W EOS	FS	9/14/15	6:15 PM	2x6	C	JC	121	09/17/15	DA	BM	P	Covers D3022, D3023
D3115	9/15/15	P-1134/P-1165	Anchor Trench	WR	9/16/15	6:10 PM	3x4	P	JC	121	09/19/15	EM	TB	P	
D3116	9/15/15	P-904/P-1139	12' W of E EOS	PT	9/15/15	Covered by D3020									
D3117	9/15/15	P-1134/P-1165	DF-394	DF	9/16/15	5:20 PM	2x5	P	RA	125	09/19/15	RJ	BM	P	

Notes:

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D3118	9/15/15	P-1134/P-1165	23' N of S EOS	W	9/17/15	Covered by D3119									
D3119	9/15/15	P-1134/P-1165	12' N of S EOS	W	9/17/15	9:45 AM	2x21	P	JC	121	09/19/15	RJ	BM	P	Covers D3118
D3120	9/16/15	P-1165/P-1166	Anchor Trench	WR	9/16/15	6:25 PM	2x3	P	JC	121	09/19/15	RJ	BM	P	
D3121	9/16/15	P-1166/P-1167	DF-395	DF	9/17/15	11:55 AM	2x5	P	JC	121	09/17/15	EM	BM	P	Covers D3172
D3122	9/16/15	P-1167/P-1168	DF-396	DF	9/17/15	Covered by D3123									
D3123	9/16/15	P-1167/P-1168	241' S of N EOS	W	9/17/15	8:35 AM	2x10	P	JC	121	09/23/15	DA	JR	P	Covers D3122
D3124	9/16/15	P-1168/P-1169/P-1170	Intersection	INT	9/17/15	2:10 PM	2x6	P	JC	121	09/23/15	RJ	SW	P	
D3125	9/16/15	P-1170/P-1171	241' S of N EOS	W	9/17/15	9:00 AM	2x18	P	JC	121	09/23/15	DA	JR	P	
D3126	9/16/15	P-1170/P-1171	DF-397	DF	9/17/15	1:58 PM	2x5	P	JC	121	09/23/15	DA	JR	P	
D3127	9/16/15	P-1171/P-1172	DF-398	DF	9/17/15	4:05 PM	2x5	P	JC	121	09/23/15	RJ	SW	P	
D3128	9/16/15	P-1171/P-1172	183' S of N EOS	BO	9/18/15	2:10 PM	2x4	P	JC	121	09/23/15	RJ	SW	P	
D3129	9/16/15	P-1171/P-1172	224' S of N EOS	W	9/17/15	9:15 AM	2x2	P	JC	121	09/23/15	DA	JR	P	
D3130	9/16/15	P-1173/P-1174	DF-399	DF	9/18/15	2:20 PM	2x5	P	JC	121	09/23/15	RJ	SW	P	
D3131	9/16/15	P-1174/P-1175	DF-400	DF	9/18/15	11:48 AM	2x5	P	RA	001	09/23/15	RJ	SW	P	
D3132	9/16/15	P-1173/P-1174	225' S of N EOS	W	9/18/15	11:55 AM	2x5	P	JC	121	09/23/15	RJ	SW	P	
D3133	9/16/15	P-1169/P-1170/P-1176	Intersection	INT	9/17/15	1:50 PM	2x4	P	JC	121	09/18/15	RA	BM	P	
D3134	9/16/15	P-1173/P-1174	237' S of N EOS	W	9/18/15	1:45 PM	2x5	P	JC	121	09/23/15	DA	JR	P	
D3135	9/16/15	P-383/P-1150	DX-74	DX	9/18/15	9:15 AM	2x5	P	JC	121	09/18/15	JC	BM	P	
D3136	9/16/15	P-1155/P-1166	DF-401	DF	9/17/15	10:55 AM	2x7	P	JC	121	09/17/15	EM	BM	P	Covers D3088
D3137	9/16/15	P-1165/P-1166	13' W of S EOS	PT	9/17/15	7:05 AM	2x2	P	JC	121	09/19/15	RJ	BM	P	
D3138	9/16/15	P-1165/P-1166	175' S of N EOS	PT	9/17/15	3:00 PM	2x2	P	JC	125	09/19/15	RJ	BM	P	
D3139	9/16/15	P-1169/P-1170	32' S of N EOS	PT	9/17/15	2:35 PM	2x2	P	JC	121	09/19/15	RJ	BM	P	
D3140	9/16/15	P-930/P-1124/P-1165	Intersection	INT	9/16/15	5:40 PM	2x4	P	RA	125	09/19/15	RJ	BM	P	
D3141	9/16/15	P-930/P-931/P-1165	Intersection	INT	9/16/15	5:35 PM	2x2	P	RA	125	09/19/15	RJ	BM	P	
D3142	9/16/15	P-931/P-1165/P-1179	Intersection	INT	9/16/15	5:30 PM	2x2	P	RA	125	09/19/15	RJ	BM	P	
D3143	9/16/15	P-1165/P-1166/P-1179	Intersection	INT	9/17/15	7:15 AM	2x9	P	JC	121	09/19/15	RJ	BM	P	
D3144	9/16/15	P-1166/P-1178/P-1179	Intersection	INT	9/17/15	7:20 AM	2x2	P	JC	121	09/19/15	RJ	BM	P	
D3145	9/16/15	P-931/P-1178/P-1179	Intersection	INT	9/17/15	Covered by D3146									
D3146	9/16/15	P-931/P-1178	N EOS - S EOS	FS	9/17/15	7:25 AM	2x5	C	JC	121	09/19/15	RJ	BM	P	Covers D3145, D3147
D3147	9/16/15	P-931/P-1164/P-1178	Intersection	INT	9/17/15	Covered by D3146									
D3148	9/16/15	P-1161/P-1164/P-1178	Intersection	INT	9/17/15	Covered by D3182									
D3149	9/16/15	P-1161/P-1178	E EOS - W EOS	FS	9/17/15	Covered by D3182									
D3150	9/16/15	P-1161/P-1177/P-1178	Intersection	INT	9/17/15	Covered by D3182									
D3151	9/16/15	P-1166/P-1177/P-1178	Intersection	INT	9/17/15	Covered by D3182									
D3152	9/16/15	P-1155/P-1166/P-1177	Intersection	INT	9/17/15	Covered by D3153									
D3153	9/16/15	P-1155/P-1177	E EOS - W EOS	FS	9/17/15	10:45 AM	3x7	C	JC	121	09/19/15	RJ	BM	P	Covers D3152, D3154
D3154	9/16/15	P-1155/P-1161/P-1177	Intersection	INT	9/17/15	Covered by D3153									
D3155	9/17/15	P-1175/P-1180	Anchor Trench	WR	9/18/15	3:15 PM	2x4	P	RA	001	09/23/15	RJ	SW	P	
D3156	9/17/15	P-1180/P-1181	Anchor Trench	BO	9/18/15	3:40 PM	2x3	P	RA	001	09/23/15	RJ	SW	P	
D3157	9/17/15	P-1175/P-1180	DF-402	DF	9/18/15	2:45 PM	2x5	P	JC	121	09/23/15	RJ	SW	P	
D3158	9/17/15	P-1181/P-1182	DF-403	DF	9/18/15	3:00 PM	2x5	P	JC	121	09/23/15	DA	JR	P	
D3159	9/17/15	P-1182/P-1183	DF-404	DF	9/18/15	4:20 PM	2x5	P	RA	001	09/23/15	RJ	SW	P	
D3160	9/17/15	P-1184/P-1185	DF-405	DF	9/18/15	6:05 PM	2x5	P	JC	121	09/23/15	RJ	SW	P	
D3161	9/17/15	P-1185/P-1186	Anchor Trench	PT	9/18/15	5:10 PM	2x3	P	RA	001	09/23/15	RJ	SW	P	
D3162	9/17/15	P-1185/P-1186	DF-406	DF	9/18/15	5:20 PM	2x5	P	RA	001	09/23/15	RJ	SW	P	
D3163	9/17/15	P-1186/P-1187	DF-407	DF	9/18/15	3:25 PM	2x6	P	JC	121	09/23/15	DA	JR	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Defect / Repair Summary**



DEFECT NUMBER	DEFECT DATE	SEAM & PANEL NUMBER	DESCRIPTION OF DEFECT LOCATION	DEFECT TYPE	DEFECT REPAIR						DEFECT VACUUM TEST				REMARKS
					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	WELD TECH	Q/A MONITOR	PASS/ FAIL	
D3164	9/17/15	P-1186/P-1187	Anchor Trench	PT	9/18/15	5:35 PM	2x2	P	RA	001	09/23/15	RJ	SW	P	
D3165	9/17/15	P-337/P-1166	DX-75	DX	9/18/15	8:15 AM	2x5	P	JC	121	09/18/15	JC	BM	P	
D3166	9/17/15	P-1187/P-1188	DF-408	DF	9/19/15	8:30 AM	2x5	P	JC	121	09/25/15	RR	BM	P	
D3167	9/17/15	P-1189/P-1190	DF-409	DF	9/19/15	9:10 AM	2x5	P	JC	121	09/25/15	RR	BM	P	
D3168	9/17/15	P-1189/P-1190	45' S of N EOS	PT	9/18/15	6:30 PM	2x5	P	RA	001	09/25/15	RR	BM	P	
D3169	9/17/15	P-1190/P-1191	DF-410	DF	9/19/15	10:35 AM	2x5	P	JC	121	09/25/15	RR	BM	P	
D3170	9/17/15	P-1190/P-1191	254' S of N EOS	PT	9/19/15	9:40 AM	2x6	P	JC	121	09/25/15	RR	BM	P	
D3171	9/17/15	P-1191/P-1192	DF-411	DF	9/23/15	10:16 AM	2x5	P	RA	125	09/23/15	DA	JR	P	
D3172	9/17/15	P-344/P-1166/P-1167	Intersection	INT	9/17/15					Covered by D3121					
D3173	9/17/15	P-338/P-344/P-1167	Intersection	INT	9/17/15	11:50 AM	2x2	P	JC	121	09/17/15	EM	BM	P	
D3174	9/17/15	P-338/P-1167/P-1168	Intersection	INT	9/17/15	11:45 AM	2x2	P	JC	121	09/17/15	EM	BM	P	
D3175	9/17/15	P-331/P-338/P-1168	Intersection	INT	9/17/15	11:43 AM	2x2	P	JC	121	09/17/15	EM	BM	P	
D3176	9/17/15	P-331/P-1168/P-1169	Intersection	INT	9/17/15	11:40 AM	2x2	P	JC	121	09/17/15	EM	BM	P	
D3177	9/17/15	P-328/P-331/P-1169	Intersection	INT	9/17/15	11:39 AM	2x2	P	JC	121	09/17/15	EM	BM	P	
D3178	9/17/15	P-328/P-1168/P-1176	Intersection	INT	9/17/15	11:38 AM	2x2	P	JC	121	09/17/15	EM	BM	P	
D3179	9/17/15	P-327/P-328/P-1176	Intersection	INT	9/17/15	11:18 AM	2x2	P	JC	121	09/17/15	EM	BM	P	
D3180	9/17/15	P-327/P-1170/P-1176	Intersection	INT	9/17/15	11:15 AM	2x2	P	JC	121	09/17/15	EM	BM	P	
D3181	9/17/15	P-1192/P-1193	10' S of N EOS	PT	9/19/15	10:30 AM	2x2	P	JC	121	09/25/15	RR	BM	P	
D3182	9/17/15	P-1177/P-1178	E OS - W EOS	FS	9/17/15	7:30 AM	2x9	C	JC	121	09/19/15	RJ	BM	P	Covers D3148, D3149, D3150, D3151
D3183	9/17/15	P-1167/P-1168/P-1170	Intersection	INT	9/17/15	4:00 PM	2x5	P	JC	121	09/23/15	RJ	SW	P	

Notes:

*Liner deployed in PSSA

Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Appendix J.5

80-mil LLDPE DSMS Geomembrane Fusion & Extrusion Destructive Testing Summary

Fusion Welds

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-1	P-4/P-6	10/08/14	94	JD	10/21/14	187	185	182	170	172	188	177	179	184	172	231	222	230	226	229	PASS	AF	
DF-2	P-2/P-3	10/08/14	93	JR	10/21/14	189	172	174	187	188	191	198	201	196	186	220	211	219	216	215	PASS	AF	
DF-3	P-1/P-7	10/08/14	92	JT	10/09/14	162	150	176	176	173	180	183	181	181	194	220	215	217	215	204	PASS	DW	
DF-4	P-18/P-20	10/21/14	94	JD	10/22/14	154	145	145	131	156	159	151	157	133	157	188	188	186	185	186	PASS	NA	
DF-5	P-7/P-11	10/21/14	94	JD	10/22/14	167	162	173	159	124	172	174	156	163	156	186	185	188	187	188	PASS	NA	
DF-6	P-14/P-16	10/21/14	92	JT	10/22/14	142	137	145	126	139	152	154	166	157	164	197	189	198	196	193	PASS	NA	
DF-7	P-16/P-17	10/21/14	94	JD	10/22/14	175	173	165	166	157	143	156	140	149	163	181	177	191	190	197	PASS	NA	
DF-8	P-21/P-22	10/21/14	92	JT	10/22/14	164	171	159	153	159	148	156	159	156	136	176	183	185	185	186	PASS	NA	
DF-9	P-22/P-24	10/21/14	94	JD	10/22/14	159	161	133	154	158	145	163	167	165	168	197	197	192	194	188	PASS	NA	
DF-10	P-27/P-28	10/24/14	94	JD	10/24/14	151	144	158	150	133	165	149	153	148	141	182	168	186	168	188	PASS	AF	
DF-11	P-28/P-30	10/24/14	92	JT	10/24/14	156	145	148	148	144	145	148	134	146	162	182	178	181	178	180	PASS	AF	
DF-12	P-29/P-31	10/24/14	94	JD	10/24/14	145	146	146	140	160	151	134	161	149	146	164	164	177	166	170	PASS	AF	
DF-13	P-33/P-36	10/24/14	92	JT	10/24/14	138	136	156	153	151	153	134	129	152	165	185	180	183	177	183	PASS	AF	
DF-14	P-35/P-37	10/25/14	94	JD	10/25/14	147	162	172	151	178	175	168	166	165	168	196	193	200	194	199	PASS	AF	
DF-15	P-37/P-38	10/25/14	92	JT	10/25/14	144	152	155	153	161	157	149	153	154	161	182	182	186	182	184	PASS	AF	
DF-16	P-38/P-39	10/25/14	94	JD	10/27/14	191	201	189	192	193	199	194	199	178	185	224	224	224	227	229	PASS	NA	
DF-17	P-44/P-45	10/25/14	92	JT	10/27/14	191	193	196	199	195	177	184	189	186	184	212	216	212	214	225	PASS	NA	
DF-18	P-47/P-48	10/25/14	92	JR	10/25/14	163	157	137	144	165	149	137	163	165	168	189	186	189	1887	190	PASS	AF	
DF-19	P-50/P-51	10/25/14	94	JD	10/27/14	145	170	182	179	177	178	187	174	161	174	218	219	207	213	206	PASS	NA	
DF-20	P-52/P-53	10/25/14	94	JD	10/27/14	174	184	180	183	183	177	185	187	195	184	216	228	226	229	221	PASS	NA	
DF-21	P-55/P-57	10/25/14	94	JD	10/27/14	177	175	164	177	165	178	173	178	174	179	222	210	212	222	214	PASS	NA	
DF-22	P-57/P-59	10/27/14	94	JD	10/27/14	155	174	184	177	180	177	174	186	179	177	219	214	224	220	197	PASS	NA	
DF-23	P-58/P-60	10/27/14	94	JD	10/27/14	163	169	151	176	162	161	167	161	171	163	184	196	196	201	193	PASS	NA	
DF-24	P-60/P-62	10/27/14	92	JT	10/27/14	168	164	161	160	160	168	166	165	168	164	186	199	197	199	190	PASS	NA	
DF-25	P-65/P-66	10/29/14	92	JT	10/29/14	173	165	163	163	172	160	161	167	160	164	197	193	189	189	190	PASS	AF	
DF-26	P-66/P-68	10/29/14	94	JD	10/29/14	169	150	169	167	168	181	168	168	174	145	208	203	210	202	196	PASS	AF	
DF-27	P-69/P-70	10/29/14	92	JD	10/30/14	185	187	187	180	183	197	176	185	171	162	197	195	194	185	211	PASS	AF	
DF-28	P-70/P-71	10/29/14	94	JD	10/30/14	161	151	179	158	161	168	160	170	158	161	177	202	187	177	188	PASS	AF	
DF-29	P-74/P-75	10/29/14	92	JR	10/30/14	149	153	149	157	154	152	144	153	154	141	173	182	180	176	185	PASS	NA	
DF-30	P-75/P-78	10/30/14	94	JD	10/30/14	159	141	150	155	163	158	153	158	151	157	166	169	167	163	173	PASS	NA	
DF-31	P-76/P-79	10/30/14	94	JD	10/30/14	127	147	149	135	159	148	148	149	154	155	164	183	177	183	188	PASS	BM	
DF-32	P-79/P-80	10/30/14	92	JT	10/30/14	141	142	156	136	141	145	146	166	146	157	177	180	174	177	174	PASS	BM	
DF-33	P-84/P-86	10/30/14	94	JD	10/30/14	170	155	167	156	162	151	156	160	155	168	196	195	198	198	195	PASS	BM	
DF-34	P-87/P-89	10/31/14	92	JT	10/31/14	157	162	144	142	164	161	165	150	159	156	198	202	195	196	198	PASS	DW	
DF-35	P-92/P-93	10/31/14	94	JD	10/31/14	139	142	161	148	140	131	129	144	140	158	173	178	171	173	175	PASS	DW	
DF-36	P-92/P-94	10/31/14	94	JD	10/31/14	146	149	140	153	150	152	165	154	164	158	187	195	190	195	194	PASS	DW	
DF-37	P-98/P-99	11/01/14	94	JD	11/01/14	172	176	163	158	172	166	174	169	173	166	202	205	196	208	202	PASS	DW	
DF-38	P-96/P-98	11/01/14	92	JT	11/01/14	174	172	172	176	172	155	163	171	174	170	206	211	207	207	206	PASS	DW	
DF-39	P-99/P-101	11/01/14	94	JD	11/01/14	163	176	181	178	178	153	149	145	189	175	206	212	204	206	208	PASS	NA	

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-40	P-101/P-103	11/01/14	92	JT	11/03/14	169	161	160	172	155	174	180	177	174	178	208	209	209	198	207	PASS	NA	
DF-41	P-106/P-108	11/01/14	94	JD	11/03/14	194	178	169	165	156	162	164	171	161	168	205	204	205	210	201	PASS	NA	Covered by P-203/P-204
DF-42	P-108/P-109	11/01/14	92	JT	11/03/14	181	175	176	182	178	172	172	165	155	173	196	196	199	204	210	PASS	NA	
DF-43	P-109/P-110	11/01/14	Removed Due to Soil Liner Fill Repair																				
DF-44	P-9/P-115	11/06/14	92	JT	11/06/14	161	153	164	161	157	159	157	156	160	167	186	185	194	189	191	PASS	NA	
DF-45	P-115/P-117	11/06/14	92	JT	11/06/14	134	135	122	138	142	145	142	138	141	154	155	151	151	151	154	PASS	NA	
DF-46	P-124/P-125	06/02/15	92	JR	06/03/15	146	150	130	152	123	156	146	159	146	134	154	159	158	159	163	PASS	PO	
DF-47	P-125/P-126	06/02/15	94	RR	06/03/15	134	139	133	137	120	122	130	112	140	127	139	155	150	155	163	PASS	PO	
DF-48	P-127/P-130	06/02/15	92	JR	06/03/15	139	136	136	132	139	123	138	138	138	132	151	157	155	155	163	PASS	PO	
DF-49	P-132/P-133	06/02/15	94	RR	06/03/15	130	132	127	127	127	126	151	138	139	126	160	155	159	155	157	PASS	PO	
DF-50	P-128/P-136	06/03/15	92	JR	06/04/15	149	130	133	146	138	123	128	141	143	140	142	147	155	157	159	PASS	PO	
DF-51	P-136/P-137	06/03/15	92	JR	06/04/15	153	140	139	159	159	140	134	142	116	150	161	171	163	174	168	PASS	PO	
DF-52	P-141/P-143	06/03/15	94	RR	06/04/15	128	130	122	117	118	127	124	136	126	123	127	126	127	131	137	PASS	PO	
DF-53	P-144/P-145	06/04/15	92	JR	06/04/15	141	141	136	134	132	133	137	120	123	141	135	150	145	137	151	PASS	PO	
DF-54	P-145/P-148	06/04/15	94	RR	06/05/15	165	157	138	161	168	158	160	148	153	146	166	180	167	173	172	PASS	PO	
DF-55	P-146/P-149	06/04/15	92	JR	06/04/15	139	143	142	144	141	118	132	137	135	144	146	146	140	149	152	PASS	PO	
DF-56	P-149/P-150	06/04/15	94	RR	06/05/15	161	153	157	160	158	173	147	161	147	146	170	174	177	173	180	PASS	PO	
DF-57	P-155/P-156	06/04/15	92	JR	06/05/15	123	146	161	146	158	153	159	160	160	175	178	179	186	174	182	PASS	BM	
DF-58	P-153/P-156	06/04/15	94	RR	06/05/15	165	145	144	139	142	152	140	138	147	144	147	143	153	153	147	PASS	MT	
DF-59	P-157/P-158	06/06/15	94	RR	06/07/15	137	141	146	154	138	146	139	154	143	138	155	153	152	155	160	PASS	BM	
DF-60	P-159/P-160	06/06/15	92	JR	06/07/15	160	134	174	137	155	163	142	456	140	150	149	169	156	168	163	PASS	BM	
DF-61	P-160/P-163	06/06/15	94	RR	06/07/15	123	130	137	140	136	135	129	147	140	137	156	158	152	158	154	PASS	BM	
DF-62	P-166/P-167	06/06/15	94	RR	06/07/15	120	124	131	128	127	121	133	144	126	130	124	132	133	142	129	PASS	BM	
DF-63	P-167/P-168	06/06/15	92	JR	06/07/15	144	133	145	127	134	126	129	126	146	141	156	162	162	170	171	PASS	BM	
DF-64	P168/P-169	06/07/15	92	JR	06/08/15	145	138	137	138	136	132	139	128	136	134	147	151	156	150	148	PASS	KS	
DF-65	P-169/P-170	06/07/15	94	RR	06/08/15	140	142	141	124	139	149	127	129	129	129	139	150	154	148	151	PASS	KS	
DF-66	P-172/P-175	06/08/15	92	JR	06/08/15	125	125	123	124	132	126	123	116	121	118	136	133	138	132	134	PASS	GA	
DF-67	P-174/P-177	06/08/15	94	RR	06/08/15	138	135	137	131	137	131	131	138	136	135	131	138	131	131	138	PASS	GA	
DF-68	P-177/P-179	06/08/15	92	JR	06/08/15	134	141	137	132	148	134	136	134	131	145	148	153	152	156	152	PASS	GA	
DF-69	P-178/P-182	06/08/15	94	RR	06/08/15	146	139	139	141	139	140	139	137	139	135	130	130	141	137	151	PASS	GA	
DF-70	P-190/P-191	06/09/15	92	JR	06/10/15	143	120	144	164	143	145	130	137	130	145	155	151	153	133	150	PASS	GA	
DF-71	P-192/P-193	06/09/15	94	RR	06/10/15	137	171	167	160	161	156	159	159	162	156	157	163	158	157	159	PASS	GA	
DF-72	P-195/P-197	06/09/15	92	JR	06/10/15	149	149	148	148	153	158	145	154	145	151	161	162	166	164	168	PASS	GA	
DF-73	P-196/P-198	06/09/15	94	RR	06/10/15	152	150	151	145	152	143	171	154	154	152	193	187	193	187	185	PASS	GA	
DF-74	P-106/P-203	06/10/15	94	RR	06/10/15	148	151	154	160	158	150	146	152	153	147	158	167	161	164	156	PASS	GA	
DF-75	P-206/P-207	06/10/15	94	RR	06/10/15	155	156	163	150	156	167	157	155	156	165	180	185	184	190	185	PASS	GA	
DF-76	P-212/P-213	06/11/15	94	RR	06/11/15	134	147	127	130	134	129	136	135	136	139	150	148	154	151	149	PASS	GA	
DF-77	P-199/P-212	06/11/15	92	JR	06/11/15	151	151	144	147	140	147	145	149	155	143	157	154	150	139	138	PASS	GA	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-78	P-215/P-216	06/11/15	92	JR	06/11/15	133	143	147	143	132	132	145	134	146	156	156	152	159	157	160	PASS	GA	
DF-79	P-216/P-217	06/11/15	94	RR	06/11/15	141	133	134	138	142	139	142	129	134	143	167	158	161	165	171	PASS	GA	
DF-80	P-218/P-219	06/11/15	94	RR	06/11/15	138	141	127	132	126	123	130	132	135	135	161	153	163	159	162	PASS	GA	
DF-81	P-219/P-220	06/17/15	92	JR	06/18/15	112	119	122	117	121	113	126	122	121	127	128	125	125	128	126	PASS	GA	
DF-82	P-226/P-227	06/17/15	92	JR	06/18/15	131	124	136	127	129	133	136	127	128	121	131	133	131	133	134	PASS	GA	
DF-83	P-228/P-230	06/17/15	94	RR	06/18/15	122	123	124	130	132	132	123	130	126	142	130	137	137	137	132	PASS	GA	
DF-84	P-230/P-235	06/17/15	92	JR	06/18/15	118	136	116	120	130	125	125	132	119	127	136	138	138	135	128	PASS	BM	
DF-85	P-231/P-236	06/18/15	92	JR	06/20/15	168	159	157	159	155	148	149	153	149	145	164	159	159	163	165	PASS	BM	
DF-86	P-236/P-238	06/18/15	94	RR	06/19/15	121	116	117	116	120	135	114	119	116	124	131	130	129	131	129	PASS	PO	
DF-87	P-241/P-243	06/18/15	92	JR	06/19/15	113	108	122	117	120	120	116	121	119	113	123	123	125	123	124	PASS	PO	
DF-88	P-243/P-245	06/18/15	94	RR	06/19/15	128	125	121	123	119	119	127	124	122	126	122	122	125	123	127	PASS	PO	
DF-89	P-246/P-255	06/19/15	94	RR	06/19/15	121	136	117	122	120	122	117	120	119	127	134	140	142	129	137	PASS	PO	
DF-90	P-258/P-260	06/19/15	94	RR	06/19/15	143	137	127	134	136	135	131	139	128	132	144	141	144	141	146	PASS	BM	
DF-91	P-261/P-262	06/19/15	92	JR	06/20/15	142	140	143	141	151	151	140	151	140	150	142	139	141	148	141	PASS	BM	
DF-92	P-263/P-264	06/19/15	94	RR	06/20/15	118	128	128	128	130	135	132	136	133	125	128	127	128	128	133	PASS	BM	
DF-93	P-240/P-246	06/19/15	94	RR	06/20/15	132	126	128	141	124	146	129	140	138	144	139	139	140	126	127	PASS	BM	
DF-94	P-270/P-271	06/20/15	94	RR	06/21/15	148	149	150	145	144	135	140	138	130	146	154	151	147	154	155	PASS	BM	
DF-95	P-271/P-272	06/20/15	94	RR	06/21/15	121	124	120	128	128	126	129	117	125	124	128	132	134	130	134	PASS	BM	
DF-96	P-272/P-273	06/20/15	92	JR	06/21/15	126	124	127	138	132	120	129	123	131	134	131	143	140	138	141	PASS	BM	
DF-97	P-274/P-275	06/21/15	92	JR	06/21/15	130	128	132	129	132	133	116	115	116	124	149	146	148	138	144	PASS	GA	
DF-98	P-275/P-279	06/21/15	94	RR	06/21/15	130	135	142	140	131	130	135	140	131	136	144	141	151	147	149	PASS	GA	
DF-99	P-280/P-281	06/21/15	94	RR	06/21/15	149	147	137	132	129	131	141	135	128	132	154	145	152	159	142	PASS	GA	
DF-100	P-281/P-282	06/21/15	92	JR	06/21/15	137	134	132	134	125	140	132	135	135	138	151	142	146	144	144	PASS	GA	
DF-101	P-284/P-285	06/21/15	94	RR	06/21/15	145	140	141	139	145	147	143	142	135	136	146	150	136	149	146	PASS	GA	
DF-102	P-288/P-290	06/21/15	92	JR	06/21/15	135	132	136	138	144	140	133	138	130	138	144	146	146	145	147	PASS	GA	
DF-103	P-290/P-294	06/22/15	92	JR	06/22/15	135	138	140	147	150	143	137	144	140	139	163	163	161	163	170	PASS	KS	
DF-104	P-295/P-296	06/22/15	94	RR	06/22/15	149	148	149	142	144	146	143	148	138	147	154	161	163	163	161	PASS	PO	
DF-105	P-295/P-297	06/22/15	92	JR	06/22/15	140	137	148	143	133	134	125	143	140	143	164	160	160	161	167	PASS	PO	
DF-106	P-268/P-299	06/23/15	94	RR	06/23/15	136	131	137	131	130	124	131	1312	130	119	147	143	145	143	144	PASS	AF	
DF-107	P-268/P-305	06/23/15	92	JR	06/24/15	156	146	139	149	144	149	158	148	144	146	165	162	159	161	162	PASS	PO	
DF-108	P-306/P-307	06/24/15	94	RR	06/24/15	138	135	134	130	129	125	128	125	124	124	126	133	135	133	138	PASS	PO	
DF-109	P-307/P-308	06/24/15	92	JR	06/24/15	136	130	135	129	136	143	135	132	131	132	145	148	136	145	137	PASS	PO	
DF-110	P-310/P-311	06/24/15	94	RR	06/24/15	140	143	144	141	129	138	135	135	133	131	150	156	150	149	154	PASS	PO	
DF-111	P-311/P-312	06/24/15	92	JR	06/24/15	139	137	134	138	143	119	140	139	136	140	155	153	149	143	152	PASS	PO	
DF-112	P-312/P-313	06/24/15	94	RR	06/25/15	125	135	130	134	138	117	122	139	127	136	137	147	132	147	140	PASS	BM	
DF-113	P-313/P-314	06/24/15	92	JR	06/25/15	150	143	139	139	135	140	143	147	145	144	157	154	138	146	152	PASS	BM	
DF-114	P-315/P-317	06/24/15	92	JR	06/27/15	133	136	124	120	118	135	148	139	143	139	124	125	127	126	128	PASS	PO	
DF-115	P-317/P-318	06/24/15	94	RR	06/26/15	123	131	143	142	140	139	135	141	144	136	149	150	144	149	148	PASS	PO	
DF-116	P-319/P-321	06/24/15	92	JR	06/26/15	146	152	147	145	138	137	139	122	130	126	151	145	144	150	138	PASS	PO	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-117	P-321/P-323	06/25/15	94	RR	06/26/15	119	143	131	134	126	136	119	142	120	123	144	144	132	130	127	PASS	PO	
DF-118	P-323/P-325	06/25/15	92	JR	06/27/15	120	119	122	127	124	139	124	133	135	137	142	154	146	146	148	PASS	PO	
DF-119	P-327/P-329	06/26/15	94	RR	06/27/15	133	135	128	132	129	138	134	148	141	135	139	149	143	147	149	PASS	PO	
DF-120	P-329/P-332	06/26/15	92	JR	06/27/15	120	116	136	135	132	127	132	131	138	137	144	147	149	153	151	PASS	PO	
DF-121	P-337/P-338	06/26/15	92	JR	06/27/15	167	173	140	171	139	147	171	144	165	158	170	176	175	176	175	PASS	PO	
DF-122	P-329/P-340	06/26/15	94	RR	06/27/15	136	130	137	130	129	135	140	114	132	121	154	128	151	157	131	PASS	PO	
DF-123	P-268/P-347	06/27/15	92	JR	06/28/15	144	134	136	137	132	138	135	128	125	127	145	148	143	154	149	PASS	PO	
DF-124	P-347/P-348	06/27/15	94	RR	06/28/15	133	136	140	141	140	143	134	143	145	138	144	154	150	157	150	PASS	PO	
DF-125	P-348/P-349	06/27/15	92	JR	06/28/15	131	136	123	121	124	125	127	131	118	131	136	144	138	136	139	PASS	PO	
DF-126	P-353/P-354	06/28/15	94	RR	06/28/15	114	115	115	115	115	114	116	116	119	115	126	128	127	127	134	PASS	PO	
DF-127	P-351/P-352	06/28/15	92	JR	06/28/15	149	133	159	148	146	153	154	149	146	156	167	163	160	164	163	PASS	PO	
DF-128	P-355/P-357	06/28/15	94	RR	06/29/15	160	151	115	150	149	151	156	140	127	154	154	155	163	159	158	PASS	PO	
DF-129	P-359/P-360	06/28/15	92	JR	06/29/15	109	134	125	140	138	147	152	130	146	149	152	154	150	147	151	PASS	BM	
DF-130	P-360/P-361	06/28/15	94	RR	06/29/15	145	162	134	167	148	157	154	156	148	155	159	167	152	167	163	PASS	PO	
DF-131	P-364/P-365	06/29/15	92	JR	06/30/15	130	147	130	144	146	152	146	125	132	148	142	147	153	145	155	PASS	AF	
DF-132	P-365/P-367	06/29/15	94	RR	06/29/15	148	121	134	146	126	127	135	150	136	150	160	160	164	167	163	PASS	BM	
DF-133	P-371/P-373	06/29/15	94	RR	06/29/15	124	130	133	148	122	146	147	140	150	133	149	153	152	153	151	PASS	BM	
DF-134	P-373/P-374	06/29/15	92	JR	06/29/15	139	139	128	142	139	136	133	135	139	146	147	152	137	148	141	PASS	BM	
DF-135	P-377/P-379	06/29/15	92	JR	06/29/15	142	130	142	149	127	138	139	123	140	135	156	155	151	148	150	PASS	BM	
DF-136	P-385/P-386	06/30/15	94	RR	07/01/15	152	166	156	155	147	145	147	140	144	136	168	172	165	172	174	PASS	JR	
DF-137	P-381/P-383	06/30/15	92	JR	06/30/15	137	145	147	149	144	157	151	139	153	151	159	162	154	159	159	PASS	AF	
DF-138	P-388/P-389	06/30/15	92	JR	07/01/15	137	157	133	141	134	134	148	159	151	143	154	159	163	165	164	PASS	JR	
DF-139	P-391/P-392	06/30/15	94	RR	06/30/15	127	143	127	135	135	124	135	120	131	133	159	160	153	162	158	PASS	AF	
DF-140	P-370/P-371	06/29/15	92	JR	06/30/15	117	115	121	127	121	110	115	126	129	125	128	123	128	123	133	PASS	PO	
DF-141	P-394/P-395	06/30/15	92	JR	06/30/15	123	148	141	129	125	138	124	130	122	127	135	148	133	135	144	PASS	AF	
DF-142	P-399/P-400	06/30/15	94	RR	06/30/15	116	123	140	120	132	136	138	125	127	126	132	133	138	139	133	PASS	AF	
DF-143	P-405/P-406	06/30/15	92	JR	07/01/15	119	120	116	113	114	123	118	119	119	120	137	140	139	139	139	PASS	JR	
DF-144	P-344/P-345	06/30/15	94	RR	07/01/15	149	161	157	156	159	174	169	146	137	147	184	185	186	185	164	PASS	JR	
DF-145	P-379/P-412	07/01/15	94	RR	07/02/15	151	161	153	153	151	161	155	162	162	147	173	180	180	173	179	PASS	KS	
DF-146	P-415/P-416	07/01/15	92	JR	07/02/15	145	148	149	144	138	154	137	148	148	146	156	154	156	155	156	PASS	GA	
DF-147	P-416/P-418	07/01/15	94	RR	07/02/15	131	156	157	144	144	141	149	147	147	137	163	162	165	170	161	PASS	GA	
DF-148	P-420/P-422	07/10/15	92	JR	07/11/15	160	172	151	168	161	164	169	167	171	163	198	194	195	194	199	PASS	BM	
DF-149	P-423/P-424	07/10/15	94	RR	07/11/15	164	166	160	154	155	166	162	154	148	151	180	186	174	188	179	PASS	KS	
DF-150	P-430/P-432	07/10/15	94	RR	07/11/15	143	136	163	142	151	150	134	163	156	145	166	163	159	173	170	PASS	KS	
DF-151	P-431/P-434	07/10/15	92	JR	07/11/15	159	144	156	155	166	166	140	163	158	138	168	167	161	159	161	PASS	KS	
DF-152	P-425/P-438	07/10/15	94	RR	07/10/15	134	142	137	185	187	161	160	189	200	160	200	202	202	206	202	PASS	BM	
DF-153	P-432/P-443	07/11/15	94	RR	07/11/15	119	133	134	138	136	135	134	135	140	139	143	141	143	146	150	PASS	AF	
DF-154	P-443/P-444	07/11/15	92	JR	07/11/15	146	144	140	129	141	153	139	139	134	127	146	144	149	147	153	PASS	KS	
DF-155	P-446/P-447	07/11/15	94	RR	07/11/15	131	134	130	123	124	122	147	131	139	135	135	150	140	138	147	PASS	KS	

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SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-156	P-449/P-450	07/11/15	92	JR	07/11/15	132	122	141	119	141	137	146	140	131	130	139	148	150	144	153	PASS	KS	
DF-157	P-450/P-451	07/11/15	94	RR	07/11/15	143	134	147	134	135	142	144	146	145	126	144	141	143	143	130	PASS	KS	
DF-158	P-462/P-465	07/11/15	94	RR	07/11/15	133	139	127	132	147	163	163	130	157	135	170	173	174	181	173	PASS	KS	
DF-159	P-458/P-459	07/11/15	92	JR	07/11/15	126	139	122	126	145	133	134	126	137	148	160	158	152	151	154	PASS	AF	
DF-160	P-469/P-470	07/11/15	92	JR	07/12/15	151	143	141	143	146	144	148	147	144	145	158	161	163	162	160	PASS	JR	
DF-161	P-467/P-469	07/11/15	94	RR	07/12/15	152	164	164	166	160	159	148	168	168	159	176	177	171	171	176	PASS	JR	
DF-162	P-474/P-476	07/11/15	94	RR	07/12/15	146	158	160	165	158	140	157	156	138	149	170	166	181	181	180	PASS	JR	
DF-163	P-481/P-482	07/12/15	94	RR	07/12/15	123	139	139	119	114	121	138	130	139	121	142	140	138	146	147	PASS	JR	
DF-164	P-482/P-483	07/12/15	92	JR	07/12/15	125	141	122	137	133	142	136	129	145	142	150	141	150	154	152	PASS	JR	
DF-165	P-490/P-491	07/12/15	94	RR	07/12/15	148	158	153	151	135	146	143	130	136	138	149	148	153	154	163	PASS	AF	
DF-166	P-492/P-494	07/13/15	92	JC	07/13/15	118	113	129	120	117	109	101	108	114	119	132	124	127	128	131	PASS	AF	
DF-167	P-496/P-497	07/13/15	74	RR	07/13/15	127	124	125	137	132	144	141	127	136	134	151	147	153	155	153	PASS	AF	
DF-168	P-499/P-500	07/13/15	94	RR	07/14/15	129	134	123	127	120	134	132	122	119	131	140	137	155	154	134	PASS	AF	
DF-169	P-502/P-503	07/14/15	94	RR	07/14/15	126	140	134	132	130	137	135	136	125	123	165	167	163	166	176	PASS	RB	
DF-170	P-503/P-504	07/14/15	92	JR	07/15/15	144	156	157	147	151	162	147	135	130	157	178	170	172	175	170	PASS	AF	
DF-171	P-505/P-506	07/14/15	92	JR	07/15/15	135	137	124	157	126	162	148	142	165	140	164	160	158	161	169	PASS	AF	
DF-172	P-506/P-507	07/14/15	94	RR	07/15/15	139	139	146	117	137	141	130	128	131	138	163	151	166	165	164	PASS	AF	
DF-173	P-508/P-509	07/14/15	94	RR	07/15/15	119	129	131	138	132	133	132	127	123	124	158	152	161	162	160	PASS	AF	
DF-174	P-514/P-518	07/15/15	94	RR	07/15/15	130	130	122	141	126	126	134	137	137	134	152	153	143	147	154	PASS	TB	
DF-175	P-515/P-519	07/15/15	92	JR	07/15/15	129	140	125	127	120	126	119	125	129	120	143	144	134	147	143	PASS	RB	
DF-176	P-521/P-524	07/15/15	92	JR	07/15/15	138	146	135	138	141	127	143	142	151	139	154	153	151	150	152	PASS	RB	
DF-177	P-519/P-520	07/15/15	92	JR	07/17/15	139	141	135	151	123	124	142	125	143	128	144	150	137	138	143	PASS	RB	
DF-178	P-524/P-525	07/15/15	94	RR	07/17/15	156	181	160	165	152	155	169	149	156	143	178	162	178	162	169	PASS	AF	
DF-179	P-525/P-530	07/15/15	94	RR	07/17/15	126	140	140	133	125	126	149	136	142	133	147	152	145	153	152	PASS	AF	
DF-180	P-532/P-534	07/16/15	94	RR	07/17/15	130	127	112	111	112	141	145	127	138	123	122	126	144	139	137	PASS	RB	
DF-181	P-535/P-536	07/16/15	92	JR	07/17/15	136	134	136	144	118	139	149	144	145	135	144	145	162	163	164	PASS	AF	
DF-182	P-537/P-538	07/16/15	94	RR	07/17/15	126	122	115	114	127	118	115	115	112	120	130	130	127	123	133	PASS	RB	
DF-183	P-538/P-543	07/16/15	94	JC	07/16/15	153	140	122	145	153	132	151	141	144	131	159	159	158	159	156	PASS	RB	
DF-184	P-546/P-550	07/17/15	92	JR	07/18/15	127	122	115	127	129	128	116	143	134	119	129	125	138	141	126	PASS	AF	
DF-185	P-537/P-540	07/16/15	94	RR	07/17/15	123	118	130	145	142	139	141	144	143	124	152	153	135	140	153	PASS	RB	
DF-186	P-543/P-546	07/17/15	94	RR	07/17/15	146	150	153	143	126	111	126	148	146	134	168	167	159	157	161	PASS	RB	
DF-187	P-551/P-552	07/17/15	92	JR	07/18/15	127	122	134	125	144	138	137	138	140	127	135	130	137	130	129	PASS	AF	
DF-188	P-554/P-555	07/17/15	96	RR	07/18/15	120	116	118	122	120	112	112	124	131	125	150	150	145	151	145	PASS	AF	
DF-189	P-556/P-558	07/18/15	94	RR	07/20/15	149	140	130	122	139	132	133	128	118	128	146	156	152	150	155	PASS	MT	
DF-190	P-558/P-560	07/18/15	92	JR	07/18/15	134	155	141	151	142	156	153	142	136	131	156	157	166	166	161	PASS	BM	
DF-191	P-562/P-566	07/18/15	92	JR	07/18/15	139	128	139	139	137	125	140	132	123	149	160	158	150	157	151	PASS	BM	
DF-192	P-567/P-568	07/18/15	94	RR	07/20/15	152	166	146	153	150	163	149	150	140	152	167	172	184	186	173	PASS	MT	
DF-193	P-555/P-556	07/18/15	92	JR	07/18/15	129	137	135	139	129	138	134	136	142	145	153	156	158	157	153	PASS	AF	
DF-194	P-568/P-569	07/18/15	92	JR	07/18/15	146	142	123	141	143	132	124	126	122	139	153	152	161	161	155	PASS	BM	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-195	P-569/P-572	07/18/15	94	RR	07/20/15	138	139	122	142	131	138	145	133	144	147	143	149	151	150	157	PASS	MT	
DF-196	P-573/P-574	07/18/15	94	RR	07/20/15	126	144	138	130	124	143	131	143	140	136	158	154	154	156	159	PASS	MT	
DF-197	P-574/P-575	07/18/15	92	JR	07/20/15	151	149	129	151	161	149	149	139	147	123	164	161	155	154	157	PASS	MT	
DF-198	P-575/P-576	07/18/15	94	RR	07/20/15	141	134	120	141	135	119	130	129	140	124	153	152	147	143	153	PASS	MT	
DF-199	P-577/P-578	07/18/15	92	JR	07/20/15	138	156	119	119	137	144	150	154	142	136	152	151	156	156	164	PASS	MT	
DF-200	P-578/P-579	07/19/15	94	RR	07/20/15	140	125	125	119	128	136	127	127	143	141	152	154	153	154	152	PASS	MT	
DF-201	P-579/P-580	07/19/15	92	JR	07/20/15	135	137	137	139	132	131	143	140	135	134	130	131	138	141	143	PASS	MT	
DF-202	P-583/P-585	07/19/15	94	RR	07/20/15	137	135	129	129	122	138	142	141	136	132	146	144	145	150	153	PASS	MT	
DF-203	P-582/P-587	07/19/15	92	JR	07/20/15	133	124	154	130	138	147	130	134	146	160	154	158	145	143	147	PASS	MT	
DF-204	P-580/P-582	07/19/15	94	RR	07/20/15	125	136	128	136	130	133	129	133	139	137	144	148	148	141	134	PASS	MT	
DF-205	P-480/P-588	07/21/15	92	JR	07/21/15	128	122	138	136	130	134	128	139	127	125	148	144	143	148	148	PASS	BM	
DF-206	P-588/P-589	07/21/15	94	RR	07/21/15	127	123	135	134	120	124	141	141	118	119	140	138	148	148	151	PASS	BM	
DF-207	P-597/P-598	07/21/15	94	RR	07/21/15	125	116	129	137	141	138	131	133	124	126	138	141	150	142	164	PASS	BM	
DF-208	P-601/P-602	07/21/15	92	JR	07/21/15	129	123	128	120	120	134	148	142	145	115	141	146	140	143	144	PASS	CS	
DF-209	P-604/P-605	07/22/15	94	RR	07/22/15	131	117	131	126	110	130	118	111	125	121	146	148	156	157	152	PASS	RR	
DF-210	P-604/P-607	07/22/15	92	JR	07/22/15	124	141	139	154	139	142	134	120	141	124	143	153	128	144	142	PASS	JR	
DF-211	P-605/P-606	07/22/15	94	RR	07/22/15	120	125	132	122	118	126	124	126	120	136	154	157	158	159	161	PASS	RR	
DF-212	P-610/P-612	07/22/15	94	RR	07/22/15	137	135	124	140	121	121	122	137	126	124	157	161	143	161	160	PASS	RR	
DF-213	P-613/P-614	07/22/15	92	JR	07/23/15	161	154	155	136	132	144	154	162	143	154	166	178	169	172	176	PASS	MT	
DF-214	P-624/P-623	07/22/15	92	JR	07/23/15	128	123	129	129	121	122	124	124	121	115	144	157	138	148	141	PASS	MT	
DF-215	P-606/P-624	07/22/15	94	RR	07/23/15	124	134	134	144	121	131	134	134	133	113	145	146	143	142	142	PASS	MT	
DF-216	P-627/P-629	07/23/15	94	RR	07/23/15	131	142	125	135	123	123	134	142	136	132	148	149	134	136	148	PASS	MT	
DF-217	P-629/P-632	07/23/15	92	JR	07/23/15	128	140	142	126	130	122	123	130	136	130	154	152	131	143	149	PASS	MT	
DF-218	P-633/P-635	07/23/15	94	RR	07/23/15	124	134	130	130	126	119	119	129	122	112	153	151	146	150	138	PASS	MT	
DF-219	P-114/P-636	07/24/15	92	JR	07/25/15	158	140	158	152	152	163	129	160	146	137	158	163	157	162	164	PASS	JB	
DF-220	P-636/P-637	07/24/15	94	RR	07/24/15	113	128	117	115	121	128	130	110	1199	128	128	135	128	137	126	PASS	AF	
DF-221	P-638/P-639	07/24/15	94	RR	07/25/15	144	148	147	139	153	148	135	160	147	138	153	158	164	164	161	PASS	JB	
DF-222	P-639/P-640	07/24/15	92	JR	07/25/15	151	146	145	138	140	152	137	136	163	139	137	143	159	154	157	PASS	JB	
DF-223	P-640/P-641	07/24/15	94	RR	07/25/15	127	143	144	139	145	129	1476	146	141	141	147	165	160	158	165	PASS	JB	
DF-224	P-641/P-644	07/24/15	92	JR	07/24/15	136	135	152	147	148	133	127	148	138	149	171	157	165	170	167	PASS	JB	
DF-225	P-644/P-645	07/24/15	94	RR	07/25/15	147	138	126	113	140	131	134	130	129	134	152	162	154	161	156	PASS	JB	
DF-226	P-646/P-647	07/27/15	94	RR	07/27/15	124	140	136	153	135	137	135	144	146	143	149	153	157	157	158	PASS	AF	
DF-227	P-647/P-648	07/27/15	92	JR	07/27/15	113	120	115	128	111	119	129	121	124	113	151	149	150	152	150	PASS	AF	
DF-228	P-650/P-651	07/27/15	92	JR	07/27/15	116	121	114	115	115	111	125	120	121	116	143	147	143	145	135	PASS	AF	
DF-229	P-651/P-652	07/27/15	94	RR	07/27/15	128	137	129	136	124	129	134	118	124	120	123	132	131	137	132	PASS	AF	
DF-230	P-653/P-654	07/27/15	94	RR	07/27/15	142	130	134	130	132	134	133	147	142	140	152	155	148	152	149	PASS	JB	
DF-231	P-652/P-653	07/27/15	92	JR	07/28/15	128	136	144	145	135	135	136	128	138	138	167	162	156	160	157	PASS	AF	
DF-232	P-655/P-656	07/27/15	94	RR	07/27/15	122	127	131	137	128	115	121	139	122	132	143	149	139	145	144	PASS	AF	
DF-233	P-656/P-657	07/27/15	92	JR	07/27/15	135	140	137	144	136	131	144	124	134	142	142	150	139	148	142	PASS	AF	

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Squaw Gulch Valley Leach Facility-Phase 1
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Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-234	P-659/P-660	07/27/15	94	RR	07/27/15	145	155	165	162	150	143	150	135	147	137	166	168	164	170	161	PASS	AF	
DF-235	P-660/P-662	07/28/15	94	RR	07/28/15	113	121	118	129	118	131	122	124	124	119	157	157	152	153	153	PASS	JB	
DF-236	P-662/P-663	07/28/15	92	JR	07/28/15	114	116	121	120	120	117	114	113	118	117	147	148	137	138	129	PASS	JB	
DF-237	P-667/P-669	07/28/15	94	RR	07/28/15	129	116	133	122	127	138	126	139	138	126	136	127	129	135	138	PASS	JB	
DF-238	P-675/P-676	07/29/15	92	JR	07/29/15	116	128	115	130	126	119	130	125	125	127	132	134	125	137	122	PASS	AF	
DF-239	P-676/P-678	07/29/15	94	RR	07/29/15	130	125	120	131	135	122	122	119	120	121	133	147	143	151	130	PASS	AF	
DF-240	P-673/P-677	07/29/15	92	JR	07/29/15	115	131	121	131	127	120	126	136	138	138	143	145	139	139	141	PASS	TB	
DF-241	P-686/P-688	07/29/15	94	RR	07/29/15	124	124	128	133	126	119	127	120	122	127	137	138	139	139	143	PASS	BM	
DF-242	P-693/P-694	07/29/15	94	RR	07/30/15	126	127	128	134	128	129	134	131	129	135	154	157	143	146	151	PASS	KS	
DF-243	P-695/P-696	07/29/15	92	JR	07/30/15	121	137	136	129	128	133	124	142	138	147	147	150	140	145	148	PASS	BM	
DF-244	P-703/P-704	07/30/15	92	JR	07/31/15	137	139	134	138	125	126	131	137	130	131	147	146	149	147	149	PASS	BM	
DF-245	P-708/P-709	07/30/15	94	RR	07/30/15	148	152	151	152	152	153	148	155	151	140	160	160	163	168	148	PASS	BM	
DF-246	P-720/P-722	07/30/15	92	JR	07/31/15	134	132	134	135	127	139	136	144	136	141	143	148	147	144	148	PASS	KS	
DF-247	P-722/P-723	07/30/15	96	RR	07/31/15	114	113	112	121	111	121	118	111	118	104	122	137	144	143	146	PASS	AF	
DF-248	P-724/P-725	07/31/15	96	RR	08/01/15	145	128	129	133	142	138	137	136	129	136	138	133	140	141	142	PASS	AF	
DF-249	P-725/P-726	07/31/15	92	JR	07/31/15	126	117	118	120	125	123	117	114	114	126	143	135	145	140	135	PASS	KS	
DF-250	P-727/P-728	07/31/15	92	JR	07/31/15	136	127	141	139	126	137	134	139	126	131	149	145	147	149	150	PASS	KS	
DF-251	P-730/P-732	07/31/15	96	RR	07/31/15	120	135	126	128	136	118	126	129	128	131	145	142	146	141	147	PASS	KS	
DF-252	P-732/P-734	07/31/15	96	RR	08/01/15	126	124	127	139	126	136	134	149	127	124	138	138	137	135	141	PASS	AF	
DF-253	P-737/P-738	07/31/15	92	JR	08/01/15	118	112	126	111	110	123	120	118	114	115	140	139	138	143	138	PASS	AF	
DF-254	P-740/P-741	07/31/15	92	JR	08/01/15	119	128	133	130	117	124	118	118	124	117	130	140	149	141	139	PASS	AF	
DF-255	P-741/P-742	08/03/15	96	RA	08/03/15	129	151	134	140	147	130	140	146	142	144	149	144	152	146	137	PASS	AF	
DF-256	P-743/P-744	08/01/15	96	RR	08/04/15	129	133	122	131	129	128	129	121	129	126	125	126	132	134	140	PASS	AF	
DF-257	P-749/P-750	08/03/15	96	JR	08/04/15	135	142	126	139	128	128	136	135	136	131	140	150	134	139	144	PASS	AF	
DF-258	P-750/P-751	08/03/15	92	RR	08/04/15	134	139	138	121	130	132	138	125	137	133	139	149	137	147	145	PASS	AF	
DF-259	P-758/P-759	08/03/15	96	RR	08/04/15	137	139	132	142	132	121	135	129	135	115	131	144	136	139	133	PASS	AF	
DF-260	P-760/P-761	08/03/15	92	JR	08/03/15	157	159	155	156	135	134	134	140	144	125	149	144	152	146	137	PASS	TB	
DF-261	P-763/P-765	08/03/15	96	RR	08/04/15	119	120	122	121	120	118	116	118	122	117	124	125	124	128	129	PASS	AF	
DF-262	P-765/P-766	08/03/15	92	JR	08/04/15	123	145	138	145	135	132	134	138	147	146	156	158	154	151	151	PASS	AF	
DF-263	P-772/P-774	08/04/15	96	RR	08/05/15	109	106	119	125	122	114	104	116	126	128	123	132	130	125	132	PASS	TB	
DF-264	P-777/P-778	08/04/15	92	JR	08/05/15	104	106	113	122	114	107	109	114	116	104	131	127	129	126	128	PASS	KS	
DF-265	P-786/P-788	08/05/15	96	RR	08/05/15	113	127	129	126	126	120	126	123	126	113	131	137	130	136	140	PASS	AF	
DF-266	P-788/P-789	08/05/15	92	JR	08/05/15	127	139	132	135	131	116	123	129	139	114	137	138	134	136	132	PASS	AF	
DF-267	P-796/P-797	08/05/15	92	JR	08/05/15	128	146	147	151	138	120	140	118	123	118	137	146	130	128	131	PASS	BM	
DF-268	P-795/P-797	08/05/15	96	RR	08/05/15	124	135	130	135	134	131	123	134	136	127	135	140	137	141	131	PASS	BM	
DF-269	P-801/P-803	08/06/15	92	JR	08/06/15	123	127	117	132	119	130	136	139	144	137	130	135	140	141	133	PASS	AF	
DF-270	P-805/P-806	08/06/15	96	RR	08/06/15	123	139	133	143	130	127	126	128	125	120	131	138	136	141	146	PASS	AF	
DF-271	P-756/P-807	08/06/15	96	RR	08/07/15	122	133	120	137	125	132	136	124	129	131	140	142	131	133	153	PASS	AF	
DF-272	P-809/P-810	08/06/15	92	JR	08/10/15	134	150	137	147	142	140	149	130	130	148	139	162	152	158	150	PASS	AF	

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SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-273	P-814/P-815	08/06/15	96	RR	08/10/15	134	155	153	149	141	156	160	131	145	158	163	170	166	167	167	PASS	AF	
DF-274	P-808/P-821	08/06/15	92	JR	08/08/15	124	132	152	143	139	137	135	139	159	153	156	160	147	144	142	PASS	AF	
DF-275	P-821/P-822	08/06/15	96	RR	08/07/15	125	126	121	120	114	125	126	124	129	119	134	134	133	133	129	PASS	AF	
DF-276	P-822/P-823	08/06/15	92	JR	08/07/15	141	138	117	138	140	120	119	131	129	125	132	138	131	138	140	PASS	AF	
DF-277	P-826/P-827	08/07/15	96	RR	08/08/15	127	131	128	121	116	145	138	141	131	119	143	143	142	148	130	PASS	AF	
DF-278	P-828/P-829	08/07/15	92	JR	08/07/15	119	128	116	124	131	111	126	121	128	122	126	123	123	123	137	PASS	AF	
DF-279	P-829/P-830	08/07/15	96	RR	08/10/15	123	129	118	130	114	126	127	122	128	118	135	134	124	125	136	PASS	AF	
DF-280	P-830/P-832	08/07/15	92	JR	08/10/15	116	124	120	124	129	119	128	126	135	137	153	155	150	154	149	PASS	AF	
DF-281	P-833/P-835	08/07/15	96	RR	08/10/15	134	143	129	125	121	125	143	135	127	121	150	155	150	160	153	PASS	AF	
DF-282	P-834/P-837	08/07/15	92	JR	08/12/15	134	147	117	132	124	134	131	152	148	132	150	144	143	154	154	PASS	AF	
DF-283	P-837/P-840	08/07/15	96	RR	08/07/15	116	125	114	131	131	123	131	126	124	131	142	138	141	145	147	PASS	BM	
DF-284	P-843/P-844	08/07/15	96	RR	08/10/15	146	152	154	146	147	138	135	156	159	154	144	146	154	157	144	PASS	AF	
DF-285	P-843/P-845	08/07/15	92	JR	08/10/15	141	146	146	143	131	143	149	124	135	125	142	151	141	147	140	PASS	AF	
DF-286	P-845/P-846	08/07/15	96	RR	08/10/15	124	134	137	132	121	131	135	123	131	130	146	149	146	154	149	PASS	AF	
DF-287	P-846/P-847	08/07/15	92	JR	08/10/15	132	134	136	146	130	130	131	135	138	131	153	159	152	153	147	PASS	AF	
DF-288	P-850/P-853	08/08/15	92	JR	08/08/15	164	143	146	149	158	163	142	149	142	150	171	174	176	174	172	PASS	AF	
DF-289	P-852/P-854	08/08/15	96	RR	08/08/15	140	150	121	140	136	121	131	151	151	148	143	146	152	155	147	PASS	AF	
DF-290	P-854/P-856	08/08/15	92	JR	08/08/15	128	126	136	133	140	129	126	133	132	131	145	145	141	149	147	PASS	AF	
DF-291	P-856/P-860	08/08/15	96	RR	08/08/15	132	137	126	129	132	124	136	134	133	137	140	144	148	151	146	PASS	AF	
DF-292	P-861/P-866	08/08/15	92	JR	08/08/15	139	141	137	139	132	134	139	141	141	136	151	155	151	153	150	PASS	AF	
DF-293	P-862/P-868	08/11/15	92	JR	08/13/15	134	143	131	155	127	143	147	139	135	131	142	142	146	159	150	PASS	AF	
DF-294	P-869/P-870	08/11/15	96	JC	08/12/15	160	160	145	164	152	162	158	156	146	151	169	169	175	172	175	PASS	AF	
DF-295	P-870/P-871	08/12/15	92	JR	08/13/15	121	144	155	153	130	129	135	133	142	129	132	140	142	152	151	PASS	AF	
DF-296	P-876/P-877	08/12/15	96	RR	08/13/15	142	136	113	144	124	122	122	119	121	141	131	136	131	136	123	PASS	AF	
DF-297	P-874/P-876	08/12/15	92	JR	08/13/15	135	127	131	148	133	141	146	122	124	131	141	135	149	157	151	PASS	AF	
DF-298	P-878/P-879	08/13/15	96	RR	08/13/15	116	153	123	154	120	117	133	113	132	140	143	162	142	149	127	PASS	AF	
DF-299	P-879/P-882	08/12/15	92	JR	08/13/15	119	131	130	133	124	134	134	127	129	124	131	131	130	136	133	PASS	AF	
DF-300	P-885/P-886	08/12/15	96	RR	08/13/15	149	154	145	141	136	133	137	134	146	149	137	160	148	157	150	PASS	AF	
DF-301	P-887/P-890	08/13/15	96	RR	08/13/15	124	123	141	126	147	129	128	152	134	130	149	140	153	152	146	PASS	AF	
DF-302	P-890/P-891	08/12/15	96	RR	08/13/15	155	152	143	149	121	137	122	149	137	159	153	127	150	150	153	PASS	AF	
DF-303	P-847/P-893	08/13/15	96	RR	08/14/15	111	127	111	129	112	129	128	132	121	104	141	143	122	135	126	PASS	AF	
DF-304	P-893/P-894	08/13/15	92	JR	08/14/15	113	132	125	122	115	132	119	120	133	118	119	136	130	126	125	PASS	AF	
DF-305	P-894/P-895	08/13/15	96	RR	08/14/15	134	133	144	130	132	146	141	157	151	131	163	163	166	172	161	PASS	AF	
DF-306	P-895/P-896	08/13/15	92	JR	08/14/15	118	134	133	133	139	149	142	141	132	134	143	141	145	140	139	PASS	AF	
DF-307	P-896/P-900	08/14/15	96	RR	08/14/15	135	142	135	139	157	157	145	156	141	145	169	157	180	159	163	PASS	TB	
DF-308	P-905/P-906	08/21/15	96	RR	08/21/15	145	127	123	135	118	127	134	124	134	134	138	133	134	140	144	PASS	AF	
DF-309	P-906/P-907	08/21/15	92	JR	08/21/15	137	135	137	127	137	114	129	124	132	122	127	129	126	141	133	PASS	AF	
DF-310	P-911/P-912	08/21/15	96	RR	08/21/15	127	126	124	122	116	122	138	123	121	119	136	132	130	144	131	PASS	AF	
DF-311	P-914/P-915	08/21/15	92	JR	08/21/15	124	120	112	127	125	124	122	125	125	119	135	135	135	138	132	PASS	AF	

Note:
 Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-312	P-921/P-922	08/21/15	96	RR	08/21/15	120	129	127	122	133	130	123	130	123	124	135	136	142	145	152	PASS	AF	
DF-313	P-925/P-926	08/21/15	92	JR	08/21/15	129	133	120	123	118	123	123	123	135	128	145	147	145	147	143	PASS	AF	
DF-314	P-635/P-932	08/22/15	96	RR	08/22/15	125	86	96	93	-	145	134	-	-	-	-	-	-	-	-	FAIL	AF	
DF-314A	P-635/P-932	08/22/15	96	RR	08/22/15	133	113	117	148	123	110	145	131	149	135	146	159	148	155	155	PASS	AF	
DF-314B	P-635/P-932	08/22/15	96	RR	08/22/15	108	147	131	135	109	125	142	117	129	118	142	145	157	145	149	PASS	AF	
DF-315	P-933/P-934	08/22/15	96	RR	08/22/15	137	140	121	137	129	135	141	140	125	140	151	155	138	154	141	PASS	AF	
DF-316	P-935/P-936	08/22/15	92	JR	08/22/15	129	140	120	123	119	127	142	122	132	122	134	134	136	140	133	PASS	AF	
DF-317	P-936/P-937	08/22/15	92	JR	08/22/15	123	136	135	139	134	121	130	131	128	125	126	129	128	138	133	PASS	AF	
DF-318	P-937/P-938	08/22/15	96	RR	08/22/15	115	139	126	125	119	139	139	132	141	126	129	137	139	140	131	PASS	AF	
DF-319	P-938/P-939	08/22/15	96	RR	08/22/15	137	144	138	139	138	120	133	117	137	137	149	145	141	149	141	PASS	AF	
DF-320	P-941/P-942	08/23/15	92	JR	08/23/15	129	142	118	141	137	136	146	135	149	135	147	153	153	159	148	PASS	AF	
DF-321	P-942/P-944	08/23/15	96	RR	08/23/15	122	141	134	142	135	127	137	120	119	128	141	142	137	145	144	PASS	AF	
DF-322	P-947/P-948	08/23/15	92	JR	08/23/15	127	137	159	158	124	134	148	135	143	154	149	159	173	174	164	PASS	AF	
DF-323	P-948/P-949	08/23/15	96	RR	08/23/15	134	169	158	137	131	135	158	139	146	152	155	160	152	158	155	PASS	BM	
DF-324	P-952/P-953	08/24/15	96	RR	08/24/15	129	124	138	140	147	134	138	119	126	128	144	151	152	152	149	PASS	AF	
DF-325	P-953/P-955	08/24/15	92	JR	08/24/15	143	131	130	132	133	128	153	137	141	140	158	149	152	154	153	PASS	AF	
DF-326	P-957/P-959	08/24/15	96	RR	08/24/15	123	128	120	138	128	138	118	130	141	132	136	143	133	134	144	PASS	AF	
DF-327	P-959/P-960	08/24/15	92	JR	08/24/15	142	151	113	145	130	144	146	148	143	143	123	126	132	130	130	PASS	AF	
DF-328	P-961/P-962	08/24/15	96	RR	08/24/15	132	124	137	147	128	151	149	123	125	138	122	146	120	120	127	PASS	AF	
DF-329	P-964/P-966	08/25/15	96	RR	08/26/15	121	127	145	121	116	129	132	137	139	124	146	151	150	148	154	PASS	JR	
DF-330	P-966/P-968	08/25/15	92	JR	08/26/15	146	141	111	122	130	136	123	135	123	135	132	139	143	157	157	PASS	JR	
DF-331	P-971/P-972	08/25/15	92	JR	08/26/15	123	127	133	127	138	126	120	127	130	132	131	129	125	127	134	PASS	JR	
DF-332	P-970/P-972	08/25/15	96	RR	08/26/15	140	143	121	136	127	127	139	123	150	137	150	154	136	134	150	PASS	JR	
DF-333	P-976/P-977	08/25/15	92	JR	08/26/15	146	148	123	138	132	139	112	119	124	130	135	137	161	160	142	PASS	JR	
DF-334	P-977/P-980	08/25/15	96	RR	08/26/15	123	130	130	138	126	135	123	121	124	139	141	147	145	140	144	PASS	JR	
DF-335	P-984/P-985	08/26/15	96	RR	08/28/15	148	148	131	125	146	153	148	145	142	127	160	157	151	162	155	PASS	AF	
DF-336	P-985/P-987	08/26/15	92	JR	08/28/15	141	148	142	135	113	130	127	140	135	124	135	133	133	145	143	PASS	AF	
DF-337	P-993/P-994	08/26/15	92	JR	08/28/15	128	145	145	157	139	149	149	158	157	178	162	158	167	173	162	PASS	AF	
DF-338	P-992/P-993	08/26/15	96	RR	08/29/15	163	170	170	172	154	166	160	158	158	171	182	173	184	169	183	PASS	AF	
DF-339	P-999/P-1000	08/26/15	96	RR	08/29/15	117	139	126	120	115	136	138	143	142	138	123	137	143	153	133	PASS	AF	
DF-340	P-1003/P-1004	08/26/15	92	JR	08/29/15	129	129	125	125	123	124	135	114	117	129	139	138	142	141	134	PASS	AF	
DF-341	P-1002/P-1007	08/27/15	92	JR	08/27/15	127	122	125	127	119	117	144	131	129	143	132	131	139	137	136	PASS	AF	
DF-342	P-1009/P-1010	08/27/15	94	RR	08/29/15	134	145	123	134	127	128	142	119	125	126	146	142	146	152	152	PASS	AF	
DF-343	P-1012/P-1015	08/27/15	96	JR	08/29/15	154	160	121	146	132	106	113	146	137	114	123	121	146	145	129	PASS	AF	
DF-344	P-1015/P-1016	08/27/15	94	RR	08/29/15	112	109	122	118	119	122	132	117	121	118	150	156	144	139	149	PASS	AF	
DF-345	P-1019/P-1020	08/27/15	96	JR	08/29/15	126	134	119	120	115	119	120	114	120	126	143	144	144	151	151	PASS	AF	
DF-346	P-1020/P-1022	08/28/15	94	RR	08/29/15	132	133	135	129	122	119	130	131	119	124	130	145	146	141	133	PASS	AF	
DF-347	P-1023/P-1024	08/28/15	94	RR	08/29/15	124	127	121	126	115	120	119	115	128	125	146	142	143	159	155	PASS	AF	
DF-348	P-1026/P-1028	08/28/15	92	JR	08/29/15	148	160	141	139	126	136	146	138	135	130	134	134	144	133	153	PASS	AF	

Note:
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Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-349	P-1028/P-1031	08/28/15	94	RR	08/29/15	125	123	129	130	120	122	126	132	138	126	136	138	144	139	132	PASS	AF	
DF-350	P-1031/P-1033	08/28/15	94	RR	08/29/15	141	149	129	125	115	129	122	130	118	120	129	128	139	135	129	PASS	AF	
DF-351	P-1033/P-1034	08/31/15	96	RR	08/31/15	144	174	152	157	145	171	156	178	168	157	175	182	176	175	179	PASS	JB	
DF-352	P-1039/P-1041	09/01/15	94	RR	09/02/15	174	167	175	132	164	147	163	171	164	126	179	176	197	200	201	PASS	MJ	
DF-353	P-1041/P-1042	09/01/15	92	JR	09/02/15	174	129	137	145	140	122	136	165	156	179	205	209	193	194	196	PASS	MJ	
DF-354	P-1042/P-1052	09/01/15	92	JR	09/02/15	165	178	134	171	136	162	185	167	118	134	194	196	190	190	192	PASS	MJ	
DF-355	P-1052/P-1053	09/01/15	92	JR	09/02/15	163	178	155	177	135	162	155	143	137	127	194	199	201	204	195	PASS	MJ	
DF-356	P-1053/P-1056	09/02/15	94	RR	09/03/15	164	143	145	128	142	163	136	161	133	150	167	162	155	152	153	PASS	SW	
DF-357	P-1058/P-1060	09/02/15	92	JR	09/03/15	160	160	133	146	164	159	158	160	166	102	163	161	161	169	168	PASS	SW	
DF-358	P-1063/P-1065	09/02/15	92	JR	09/02/15	133	155	154	131	146	155	132	126	158	133	161	159	168	168	171	PASS	TB	
DF-359	P-1062/P-1063	09/02/15	94	RR	09/02/15	162	171	167	163	165	137	132	159	164	139	175	173	180	181	171	PASS	TB	
DF-360	P-1067/P-1069	09/02/15	94	RR	09/03/15	132	138	143	140	145	139	137	132	120	141	148	148	152	152	151	PASS	MJ	
DF-361	P-1071/P-1072	09/03/15	94	RR	09/03/15	131	149	136	144	153	149	149	154	152	151	161	158	169	157	157	PASS	AL	
DF-362	P-1072/P-1073	09/03/15	92	JR	09/09/15	126	138	129	138	129	152	146	135	114	129	151	159	148	154	143	PASS	JB	
DF-363	P-1077/P-1079	09/03/15	94	RR	09/03/15	133	155	140	156	133	129	154	151	156	155	173	179	169	159	176	PASS	AL	
DF-364	P-1079/P-1081	09/03/15	92	JR	09/09/15	146	152	140	146	150	156	138	151	141	124	151	160	161	164	158	PASS	JB	
DF-365	P-1083/P-1084	09/09/15	94	RR	09/09/15	124	151	154	153	132	153	145	146	152	144	167	166	158	163	165	PASS	JB	
DF-366	P-1087/P-1088	09/09/15	92	JR	09/09/15	147	134	142	164	126	160	158	147	129	153	167	170	167	168	165	PASS	JB	
DF-367	P-1088/P-1090	09/09/15	94	RR	09/09/15	158	155	166	136	161	173	167	150	165	164	176	162	173	172	179	PASS	JB	
DF-368	P-1092/P-1094	09/09/15	94	RR	09/09/15	140	141	144	153	132	153	145	146	152	144	167	166	158	163	165	PASS	JB	
DF-369	P-1093/P-1095	09/09/15	94	RR	09/10/15	135	136	156	151	162	162	135	159	156	145	160	161	158	162	154	PASS	JB	
DF-370	P-1095/P-1096	09/10/15	92	JR	09/10/15	148	144	138	143	154	157	142	162	151	124	161	159	166	171	173	PASS	JB	
DF-371	P-1098/P-1100	09/10/15	92	JR	09/10/15	137	158	154	149	140	160	143	160	157	133	168	171	169	170	166	PASS	CS	
DF-372	P-1099/P-1101	09/10/15	94	RR	09/11/15	132	159	133	167	152	170	160	149	158	138	175	178	177	177	175	PASS	CS	
DF-373	P-1104/P-1105	09/10/15	92	JR	09/11/15	166	155	172	158	172	173	166	173	164	159	180	185	183	189	182	PASS	CS	
DF-374	P-1105/P-1106	09/11/15	92	RR	09/11/15	157	164	148	163	174	164	158	170	156	156	178	177	179	182	183	PASS	CS	
DF-375	P-1108/P-1109	09/11/15	92	JR	09/11/15	135	162	153	157	144	166	156	162	155	152	180	185	182	183	182	PASS	CS	
DF-376	P-1113/P-1114	09/11/15	94	RR	09/12/15	148	158	152	157	138	146	145	134	153	142	165	164	165	169	164	PASS	CS	
DF-377	P-1114/P-1116	09/11/15	92	JR	09/12/15	147	142	151	159	161	145	151	139	170	165	171	176	164	182	172	PASS	CS	
DF-378	P-1115/P-1117	09/11/15	94	RR	09/11/15	158	154	155	164	157	163	150	132	141	148	196	192	195	193	186	PASS	CS	
DF-379	P-1120/P-1121	09/11/15	92	JR	09/12/15	140	157	143	155	135	139	150	140	155	146	163	162	156	163	160	PASS	CS	
DF-380	P-1121/P-1122	09/11/15	94	RR	09/12/15	136	163	144	164	145	128	139	132	118	132	155	160	160	153	162	PASS	CS	
DF-381	P-1124/P-1125	09/12/15	92	JR	09/12/15	164	163	153	157	165	156	166	160	159	151	175	177	169	176	170	PASS	CS	
DF-382	P-1126/P-1127	09/12/15	94	RR	09/12/15	163	156	143	129	125	133	130	159	160	149	164	166	155	164	159	PASS	CS	
DF-383	P-1128/P-1129	09/12/15	94	RR	09/13/15	175	168	169	155	172	183	175	183	141	166	197	202	193	194	193	PASS	CS	
DF-384	P-1129/P-1131	09/12/15	92	JR	09/13/15	148	147	144	163	148	165	137	158	157	156	178	185	176	186	175	PASS	CS	
DF-385	P-1135/P-1136	09/13/15	94	RR	09/15/15	172	182	177	180	170	178	180	174	177	175	204	202	199	198	211	PASS	TB	
DF-386	P-1137/P-1138	09/13/15	92	JR	09/15/15	135	124	172	143	169	150	152	137	165	164	184	191	179	186	158	PASS	TB	
DF-387	P-1142/P-1143	09/13/15	94	RR	09/15/15	145	145	142	149	150	157	148	155	142	156	154	156	150	144	146	PASS	JB	

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Fusion Welding Destructive Testing Summary**



SAMPLE NUMBER	SEAM NUMBER	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
DF-388	P-1142/P-1147	09/13/15	92	JR	09/15/15	142	152	151	147	157	156	166	165	167	155	160	172	147	157	166	PASS	JB	
DF-389	P-1150/P-1151	09/13/15	94	RR	09/14/15	149	136	156	155	156	152	159	158	158	147	177	177	167	176	170	PASS	CS	
DF-390	P-1151/P-1155	09/13/15	92	JR	09/14/15	152	132	159	147	166	162	147	166	159	144	170	177	172	179	168	PASS	CS	
DF-391	P-1155/P-1160	09/13/15	94	RR	09/14/15	163	136	147	146	150	154	149	153	159	148	157	176	172	176	163	PASS	CS	
DF-392	P-913/P-1135	09/13/15	92	JR	09/14/15	155	154	125	156	153	151	139	162	144	165	166	173	164	169	167	PASS	CS	
DF-393	P-661/P-1144	09/14/15	92	JR	09/15/15	151	131	149	125	142	149	127	151	141	131	144	140	130	139	135	PASS	JB	
DF-394	P-1134/P-1165	09/15/15	94	RR	09/16/15	173	130	165	143	181	193	176	192	165	169	179	190	186	193	109	PASS	JR	
DF-395	P-1166/P-1167	09/16/15	92	JC	09/17/15	158	162	144	165	151	157	162	165	165	168	180	184	174	184	182	PASS	JR	
DF-396	P-1167/P-1168	09/16/15	94	RR	09/17/15	141	148	157	145	158	140	161	157	154	143	160	172	161	171	165	PASS	JR	
DF-397	P-1170/P-1171	09/16/15	92	JC	09/17/15	135	144	138	139	140	135	150	152	148	133	148	156	146	155	154	PASS	BM	
DF-398	P-1171/P-1172	09/16/15	94	RR	09/17/15	128	142	131	150	152	119	147	141	137	140	159	155	158	159	149	PASS	AF	
DF-399	P-1173/P-1174	09/16/15	94	RR	09/17/15	153	164	144	167	150	158	165	147	169	161	161	166	161	168	172	PASS	AF	
DF-400	P-1174/P-1175	09/16/15	92	JC	09/17/15	140	122	147	143	143	136	142	157	145	152	162	167	160	165	165	PASS	AF	
DF-401	P-1155/P-1166	09/16/15	92	JR	09/17/15	164	187	167	191	172	199	198	172	181	185	189	187	186	188	199	PASS	BM	

Note:
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Extrusion Welds

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBERS	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS										PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NO.	WELD TECH.		PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
						MODE ¹					MODE ¹							
DX-1	C-6/P-140*	10/31/14	116	LD	10/31/14	170 SE3	161 SE3	148 SE3	172 SE3	149 SE3	182 BRK	172 BRK	179 BRK	179 BRK	184 BRK	PASS	NA	80 mil to 100* mil
DX-2	P-22/P-158*	10/21/14	116	LD	10/22/14	169 SE3	155 SE3	132 SE3	153 SE3	145 SE3	194 BRK	186 BRK	182 BRK	169 BRK	185 BRK	PASS	NA	80 mil to 100* mil
DX-3	P-29/P-164*	10/24/14	001	LD	10/27/14	160 SE3	1510 SE3	147 SE3	193 SE3	160 SE3	218 BRK	221 BRK	211 BRK	218 BRK	222 BRK	PASS	NA	80 mil to 100* mil
DX-4	P-37/P-166*	10/27/14	001	LD	10/27/14	163 SE3	174 SE3	168 SE3	177 SE3	147 SE3	197 BRK	189 BRK	192 BRK	191 BRK	197 BRK	PASS	NA	80 mil to 100* mil
DX-5	P-75/P-189*	10/29/14	116	LD	10/30/14	138 SE3	177 SE3	143 SE3	165 SE3	127 SE3	177 BRK	178 BRK	176 BRK	182 BRK	173 BRK	PASS	NA	80 mil to 100* mil
DX-6	P-79/P-191*	10/29/14	116	LD	10/30/14	134 SE3	151 SE3	146 SE3	141 SE3	163 SE3	168 BRK	169 BRK	177 BRK	165 BRK	167 BRK	PASS	NA	80 mil to 100* mil
DX-7	P-87/P-196*	10/31/14	001	RA	10/31/14	149 SE3	173 SE3	174 SE3	143 SE3	163 SE3	175 BRK	174 BRK	175 BRK	174 BRK	177 BRK	PASS	DW	80 mil to 100* mil
DX-8	P-97/P-202*	11/01/14	116	LD	11/01/14	145 SE3	145 SE3	152 SE3	135 SE3	116 SE3	177 BRK	186 BRK	178 BRK	187 BRK	174 BRK	PASS	TB	80 mil to 100* mil
DX-9	P-114/P-212*	Removed Due to Soil Liner Fill Repair																
DX-10	P-119/P-136*	11/06/14	116	LD	11/06/14	153 SE3	175 SE3	150 SE3	142 SE3	142 SE3	180 BRK	177 BRK	186 BRK	181 BRK	181 BRK	PASS	NA	80 mil to 100* mil
DX-11	P-3*/P-143	06/03/15	121	JC	06/04/15	152 SE3	147 SE3	117 SE3	142 SE3	149 SE3	163 BRK	153 BRK	160 BRK	154 BRK	165 BRK	PASS	PO	80 mil to 100* mil
DX-12	P-72*/P-156	06/04/15	121	JC	06/05/15	144 SE3	142 SE3	137 SE3	134 SE3	146 SE3	160 BRK	154 BRK	139 BRK	141 BRK	140 BRK	PASS	KS	80 mil to 100* mil
DX-13	P-168/P-251*	06/06/15	121	JC	06/07/15	173 SE3	171 SE3	169 SE3	161 SE3	153 SE3	165 BRK	165 BRK	172 BRK	172 BRK	165 BRK	PASS	BM	80 mil to 100* mil
DX-14	P-172/P-255*	06/07/15	121	JC	06/08/15	116 SE3	120 SE3	125 SE3	126 SE3	120 SE3	131 BRK	127 BRK	127 BRK	123 BRK	128 BRK	PASS	KS	80 mil to 100* mil
DX-15	P-182/P-259*	06/08/15	121	JC	06/11/15	157 SE3	160 SE3	151 SE3	150 SE3	148 SE3	165 SE3	159 SE3	158 SE3	165 SE3	158 SE3	PASS	PO	80 mil to 100* mil
DX-16	P-148/P-199	06/09/15	121	JC	06/10/15	143 SE3	146 SE3	138 SE3	141 SE3	138 SE3	169 BRK	162 BRK	164 BRK	169 BRK	170 BRK	PASS	GA	80 mil to 80 mil
DX-17	P-159/P-219	06/12/15	121	JC	06/13/15	149 SE3	161 SE3	145 SE3	153 SE3	134 SE3	156 BRK	157 BRK	156 BRK	158 BRK	158 BRK	PASS	AF	80 mil to 80 mil
DX-18	P-169/P-231	06/18/15	121	JC	06/18/15	124 SE3	131 SE3	129 SE3	137 SE3	131 SE3	134 BRK	130 BRK	127 BRK	121 BRK	128 BRK	PASS	GA	80 mil to 80 mil
DX-19	P-87/CAP 1	06/20/15	121	JC	06/20/15	135 SE3	141 SE3	140 SE3	136 SE3	138 SE3	139 BRK	136 BRK	145 BRK	146 BRK	140 BRK	PASS	GA	80 mil to 80 mil
DX-20	P-272/P-261*	06/21/15	121	JC	06/22/15	135 SE3	129 SE3	155 SE3	132 SE3	156 SE3	166 BRK	172 BRK	174 BRK	171 BRK	172 BRK	PASS	AF	80 mil to 100* mil

Note:
 Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBERS	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS										PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NO.	WELD TECH.		PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
						MODE ¹					MODE ¹							
DX-21	P-290/P-293*	06/22/15	121	JC	06/22/15	145 SE3	162 SE3	170 SE3	153 SE3	138 SE3	182 BRK	190 BRK	192 BRK	191 BRK	189 BRK	PASS	KS	80 mil to 80 mil
DX-22	P-182/P-303	06/23/15	121	JC	06/23/15	122 SE3	112 SE3	125 SE3	120 SE3	118 SE3	141 BRK	138 BRK	140 BRK	140 BRK	133 BRK	PASS	KS	80 mil to 80 mil
DX-23	P-308/P-387*	06/25/15	121	JC	06/25/15	155 SE3	160 SE3	159 SE3	155 SE3	143 SE3	151 BRK	165 BRK	163 BRK	168 BRK	161 BRK	PASS	PO	80 mil to 100* mil
DX-24	P-314/P-397*	06/25/15	121	JC	06/27/15	148 SE3	148 SE3	145 SE3	142 SE3	136 SE3	141 BRK	140 BRK	141 BRK	141 BRK	142 BRK	PASS	PO	80 mil to 100* mil
DX-25	P-344/P-426*	06/27/15	121	JC	06/27/15	150 SE3	157 SE3	139 SE3	157 SE3	139 SE3	155 BRK	143 BRK	150 BRK	158 BRK	159 BRK	PASS	AF	80 mil to 100* mil
DX-26	P-274/P-350	06/28/15	121	JC	06/29/15	146 SE3	150 SE3	142 SE3	142 SE3	131 SE3	148 BRK	146 BRK	152 BRK	151 BRK	148 BRK	PASS	PO	80 mil to 80 mil
DX-27	P-290/P-360	06/29/15	121	JC	06/30/15	150 SE3	150 SE3	136 SE3	158 SE3	150 SE3	156 BRK	161 BRK	161 BRK	144 BRK	157 BRK	PASS	AF	80 mil to 80 mil
DX-28	P-315/P-378	06/30/15	121	JC	07/01/15	123 SE3	126 SE3	123 SE3	132 SE3	122 SE3	137 BRK	137 BRK	135 BRK	141 BRK	137 BRK	PASS	JR	80 mil to 80 mil
DX-29	P-352*/P-411	06/30/15	001	RA	07/01/15	120 SE3	125 SE3	139 SE3	122 SE3	137 SE3	144 BRK	140 BRK	141 BRK	138 BRK	146 BRK	PASS	JR	80 mil to 100* mil
DX-30	P-320/P-418	07/02/15	121	JC	07/02/15	126 SE3	149 SE3	131 SE3	142 SE3	124 SE3	152 BRK	154 BRK	160 BRK	157 BRK	158 BRK	PASS	KS	80 mil to 80 mil
DX-31	P-325/P-426	07/10/15	121	JC	07/11/15	161 SE3	161 SE3	171 SE3	163 SE3	136 SE3	147 BRK	195 BRK	185 BRK	188 BRK	178 BRK	PASS	KS	80 mil to 80 mil
DX-32	P-327/P-440	07/11/15	121	JC	07/11/15	137 SE3	130 SE3	123 SE3	131 SE3	118 SE3	129 BRK	133 BRK	132 BRK	138 BRK	138 BRK	PASS	AF	80 mil to 80 mil
DX-33	P-13/P-486	07/12/15	001	RA	07/13/15	160 SE3	163 SE3	169 SE3	135 SE3	136 SE3	170 BRK	176 BRK	173 BRK	178 BRK	171 BRK	PASS	RB	80 mil to 80 mil
DX-34	P-19/P-494	07/13/15	001	RA	07/15/15	146 SE3	137 SE3	138 SE3	132 SE3	123 SE3	142 BRK	139 BRK	142 BRK	147 BRK	147 BRK	PASS	AF	80 mil to 80 mil
DX-35	P-511/P-512	07/14/15	001	RA	07/16/15	115 SE3	122 SE3	130 SE3	129 SE3	117 SE3	132 BRK	139 BRK	146 BRK	153 BRK	138 BRK	PASS	KS	80 mil to 80 mil
DX-36	P-31/P-503	07/16/15	121	JC	07/16/15	134 SE3	141 SE3	121 SE3	136 SE3	131 SE3	153 BRK	147 BRK	147 BRK	144 BRK	152 BRK	PASS	AF	80 mil to 80 mil
DX-37	P-498/P-510	07/15/15	001	RA	07/16/15	117 SE3	135 SE3	145 SE3	128 SE3	132 SE3	150 BRK	158 BRK	141 BRK	155 BRK	161 BRK	PASS	AF	80 mil to 80 mil
DX-38	P-33/P-505	07/16/15	001	RA	07/16/15	100 SE3	116 SE3	110 SE3	116 SE3	132 SE3	158 BRK	154 BRK	142 BRK	138 BRK	149 BRK	PASS	AF	80 mil to 80 mil
DX-39	P-53/P-535	07/17/15	121	JC	07/18/15	131 SE3	117 SE3	136 SE3	123 SE3	136 SE3	143 BRK	145 BRK	155 BRK	157 BRK	143 BRK	PASS	BM	80 mil to 80 mil
DX-40	P-57/P-540	07/18/15	121	JC	07/18/15	131 SE3	117 SE3	136 SE3	123 SE3	136 SE3	143 BRK	145 BRK	155 BRK	157 BRK	143 BRK	PASS	BM	80 mil to 80 mil

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBERS	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS										PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NO.	WELD TECH.		PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
						MODE ¹					MODE ¹							
DX-41	P-66/P-557	07/19/15	121	JC	07/20/15	133 SE3	156 SE3	156 SE3	115 SE3	127 SE3	155 BRK	160 BRK	143 BRK	142 BRK	132 BRK	PASS	KS	80 mil to 80 mil
DX-42	P-89/P-579	07/20/15	121	JC	07/20/15	117 SE3	131 SE3	133 SE3	137 SE3	106 SE3	143 BRK	145 BRK	136 BRK	137 BRK	142 BRK	PASS	MT	80 mil to 80 mil
DX-43	P-112/P-633	07/23/15	121	JC	07/23/15	120 SE3	122 SE3	138 SE3	117 SE3	125 SE3	144 BRK	133 BRK	143 BRK	144 BRK	145 BRK	PASS	MT	80 mil to 80 mil
DX-44	P-642/P-644	07/24/15	121	JC	07/25/15	121 SE3	147 SE3	135 SE3	144 SE3	138 SE3	158 BRK	159 BRK	147 BRK	160 BRK	155 BRK	PASS	JR	80 mil to 80 mil
DX-45	P-411/P-645	07/25/15	121	JC	07/25/15	109 SE3	132 SE3	119 SE3	123 SE3	114 SE3	143 BRK	132 BRK	138 BRK	139 BRK	134 BRK	PASS	BM	80 mil to 80 mil
DX-46	P-404/P-651	07/27/15	121	JC	07/27/15	132 SE3	145 SE3	122 SE3	131 SE3	118 SE3	139 BRK	138 BRK	137 BRK	136 BRK	137 BRK	PASS	AF	80 mil to 80 mil
DX-47	P-245/P-712	07/30/15	001	RA	07/30/15	126 SE3	158 SE3	147 SE3	136 SE3	153 SE3	162 BRK	165 BRK	162 BRK	161 BRK	165 BRK	PASS	BM	80 mil to 80 mil
DX-48	P-255/P-734	08/01/15	001	RA	08/03/15	128 SE3	117 SE3	117 SE3	127 SE3	117 SE3	128 BRK	129 BRK	134 BRK	128 BRK	129 BRK	PASS	AF	80 mil to 80 mil
DX-49	P-259/P-744	08/03/15	001	RA	08/04/15	113 SE3	120 SE3	129 SE3	132 SE3	128 SE3	131 BRK	133 BRK	127 BRK	138 BRK	132 BRK	PASS	AF	80 mil to 80 mil
DX-50	P-367/P-766	08/04/15	121	JC	08/04/15	116 SE3	129 SE3	139 SE3	121 SE3	122 SE3	155 BRK	150 BRK	147 BRK	147 BRK	150 BRK	PASS	AF	80 mil to 80 mil
DX-51	P-503/P-767	08/04/15	121	JC	08/05/15	126 SE3	111 SE3	113 SE3	121 SE3	114 SE3	120 BRK	124 BRK	134 BRK	124 BRK	123 BRK	PASS	BM	80 mil to 80 mil
DX-52	P-534/P-739	08/06/15	121	JC	08/06/15	110 SE3	127 SE3	125 SE3	111 SE3	104 SE3	130 BRK	129 BRK	126 BRK	129 BRK	125 BRK	PASS	AF	80 mil to 80 mil
DX-53	P-448/P-824	08/07/15	121	JC	08/07/15	110 SE3	120 SE3	110 SE3	120 SE3	116 SE3	134 BRK	138 BRK	140 BRK	141 BRK	135 BRK	PASS	AF	80 mil to 80 mil
DX-54	P-572/P-837	08/08/15	121	JC	08/08/15	125 SE3	145 SE3	119 SE3	131 SE3	120 SE3	128 BRK	127 BRK	136 BRK	135 BRK	139 BRK	PASS	AF	80 mil to 80 mil
DX-55	P-472/P-862	08/10/15	001	RA	08/10/15	133 SE3	112 SE3	112 SE3	122 SE3	113 SE3	148 BRK	146 BRK	135 BRK	145 BRK	138 BRK	PASS	AF	80 mil to 80 mil
DX-56	P-595/P-893	08/12/15	121	JC	08/12/15	122 SE3	132 SE3	117 SE3	137 SE3	123 SE3	139 BRK	145 BRK	140 BRK	145 BRK	145 BRK	PASS	TB	80 mil to 80 mil
DX-57	P-601/P-892	08/13/15	001	RA	08/13/15	118 SE3	116 SE3	141 SE3	115 SE3	111 SE3	155 BRK	156 BRK	142 BRK	141 BRK	146 BRK	PASS	AF	80 mil to 80 mil
DX-58	P-579/P-897	08/14/15	121	JC	08/14/15	126 SE3	143 SE3	134 SE3	125 SE3	139 SE3	145 BRK	146 BRK	140 BRK	148 BRK	150 BRK	PASS	AF	80 mil to 80 mil
DX-59	P-639/P-936	08/22/15	121	JC	08/23/15	139 SE3	121 SE3	136 SE3	126 SE3	117 SE3	144 BRK	142 BRK	143 BRK	144 BRK	154 BRK	PASS	AF	80 mil to 80 mil
DX-60	P-651/P-946	08/23/15	121	JC	08/24/15	118 SE3	128 SE3	160 SE3	161 SE3	155 SE3	168 BRK	173 BRK	152 BRK	165 BRK	168 BRK	PASS	AF	80 mil to 80 mil
DX-61	P-660/P-958	08/24/15	121	JC	08/24/15	121 SE3	154 SE3	144 SE3	147 SE3	119 SE3	154 BRK	150 BRK	147 BRK	161 BRK	152 BRK	PASS	AF	80 mil to 80 mil

Note:
 Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550' Bench)
Geomembrane Extrusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM NUMBERS	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS										PASS OR FAIL	QA. MONITOR	REMARKS
			MACHINE NO.	WELD TECH.		PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
						MODE ¹					MODE ¹							
DX-62	P-672/P-967	08/25/15	121	JC	08/25/15	127 SE3	121 SE3	128 SE3	134 SE3	141 SE3	157 BRK	157 BRK	144 BRK	139 BRK	141 BRK	PASS	AF	80 mil to 80 mil
DX-63	P-731/P-992	08/26/15	121	JC	08/27/15	147 SE3	149 SE3	135 SE3	130 SE3	135 SE3	145 BRK	163 BRK	171 BRK	167 BRK	160 BRK	PASS	AF	80 mil to 80 mil
DX-64	P-869/P-1020	08/28/15	121	JC	08/29/15	123 SE3	121 SE3	107 SE3	126 SE3	136 SE3	167 BRK	161 BRK	157 BRK	152 BRK	134 BRK	PASS	AF	80 mil to 80 mil
DX-65	P-891/P-1033	08/29/15	121	JC	08/29/15	147 SE3	114 SE3	116 SE3	120 SE3	121 SE3	154 BRK	155 BRK	138 BRK	133 BRK	152 BRK	PASS	AF	80 mil to 80 mil
DX-66	P-892/P-1034	08/31/15	121	JC	08/31/15	157 SE3	153 SE3	140 SE3	146 SE3	140 SE3	163 BRK	169 BRK	165 BRK	172 BRK	152 BRK	PASS	TB	80 mil to 80 mil
DX-67	P-683/P-1054	09/02/15	121	JC	09/02/15	130 SE3	131 SE3	116 SE3	119 SE3	134 SE3	168 BRK	167 BRK	163 BRK	171 BRK	148 BRK	PASS	MJ	80 mil to 80 mil
DX-68	P-682/P-1080	09/09/15	121	JC	09/10/15	121 SE3	126 SE3	132 SE3	148 SE3	125 SE3	143 BRK	152 BRK	149 BRK	154 BRK	152 BRK	PASS	TB	80 mil to 80 mil
DX-69	P-679/P-1084	09/10/15	121	JC	09/11/15	110 SE3	134 SE3	147 SE3	134 SE3	136 SE3	172 BRK	173 BRK	161 BRK	171 BRK	161 BRK	PASS	CS	80 mil to 80 mil
DX-70	P-691/P-1095	09/11/15	121	JC	09/12/15	117 SE3	145 SE3	121 SE3	117 SE3	123 SE3	171 BRK	180 BRK	176 BRK	178 BRK	178 BRK	PASS	CS	80 mil to 80 mil
DX-71	P-911/P-1109	09/12/15	121	JC	09/16/15	145 SE3	131 SE3	167 SE3	161 SE3	166 SE3	171 BRK	181 BRK	162 BRK	167 BRK	179 BRK	PASS	CS	80 mil to 80 mil
DX-72	P-922/P-1123	09/13/15	121	JC	09/16/15	150 SE3	168 SE3	142 SE3	139 SE3	140 SE3	168 BRK	178 BRK	170 BRK	177 BRK	161 BRK	PASS	CS	80 mil to 80 mil
DX-73	P-395/P-1145	09/14/15	125	JC	09/15/15	137 SE3	145 SE3	145 SE3	141 SE3	123 SE3	153 BRK	151 BRK	163 BRK	166 BRK	142 BRK	PASS	JB	80 mil to 80 mil
DX-74	P-383/P-1150	09/16/15	001	RA	09/17/15	114 SE3	140 SE3	139 SE3	146 SE3	145 SE3	155 BRK	165 BRK	165 BRK	169 BRK	159 BRK	PASS	JR	80 mil to 80 mil
DX-75	P-337/P-1166	09/17/15	121	JC	09/18/15	156 SE3	182 SE3	162 SE3	164 SE3	154 SE3	173 BRK	179 BRK	181 BRK	176 BRK	185 BRK	PASS	AF	80 mil to 80 mil

Note:
 Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint

Appendix J.6

80-mil LLDPE DSMS Geomembrane Non-Destructive Testing Summary

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-4/P-6	E EOS / W EOS	10/08/14	4:42 PM	4:47 PM	30	30	PASS	BM		X	
P-3/P-4	E EOS / W EOS	10/08/14	4:43 PM	4:48 PM	30	30	PASS	BM		X	
P-1/P-3	E EOS / W EOS	10/08/14	4:44 PM	4:49 PM	30	30	PASS	BM		X	
P-1/P-2	E EOS / W EOS	10/08/14	4:57 PM	5:02 PM	30	30	PASS	BM		X	
P-2/P-3	N EOS / S EOS	10/08/14	4:57 PM	5:02 PM	30	30	PASS	BM		X	
P-2/P-4	E EOS / W EOS	10/08/14	4:58 PM	5:03 PM	30	30	PASS	BM		X	
P-2/P-5	E EOS / W EOS	10/08/14	5:05 PM	5:10 PM	30	30	PASS	BM		X	
P-4/P-5	N EOS / S EOS	10/08/14	5:05 PM	5:10 PM	30	30	PASS	BM		X	
P-5/P-6	E EOS / W EOS	10/08/14	5:03 PM	5:08 PM	30	30	PASS	BM		X	
P-1/P-7	E EOS / D20	10/08/14	5:27 PM	5:32 PM	30	30	PASS	BM	X		
P-1/P-7	D20 / W EOS	10/08/14	5:27 PM	5:32 PM	0	0	FAIL	BM		X	Seam Capped
P-1/P-8	W EOS / E EOS	10/08/14	5:27 PM	5:32 PM	30	30	PASS	BM		X	
P-7/P-8	S EOS / N EOS	10/08/14	5:27 PM	5:32 PM	30	30	PASS	BM		X	
P-6/P-9	E EOS / W EOS	10/08/14	5:53 PM	5:58 PM	30	29	PASS	CS		X	
P-6/P-10	E EOS / W EOS	10/08/14	6:09 PM	6:14 PM	30	28	PASS	CS		X	
P-9/P-10	N EOS / S EOS	10/08/14	6:09 PM	6:14 PM	30	28	PASS	CS		X	
P-8/P-11	E EOS / W EOS	10/21/14	5:04 PM	5:09 PM	30	30	PASS	BM		X	
P-11/P-13	E EOS / W EOS	10/21/14	5:06 PM	5:11 PM	30	30	PASS	BM		X	
P-13/P-15	E EOS / W EOS	10/21/14	5:16 PM	5:21 PM	30	30	PASS	BM		X	
P-15/P-16	E EOS / W EOS	10/21/14	5:18 PM	5:23 PM	30	30	PASS	BM		X	
P-16/P-17	E EOS / D33	10/21/14	5:30 PM	5:35 PM	30	29	PASS	BM	X		
P-16/P-17	D33 / W EOS	10/22/14	9:08 AM	9:13 AM	30	30	PASS	AF		X	
P-17/P-19	E EOS / W EOS	10/21/14	5:34 PM	5:39 PM	30	30	PASS	BM		X	
P-19/P-21	E EOS / W EOS	10/21/14	5:39 PM	5:44 PM	30	30	PASS	BM		X	
P-21/P-22	E EOS / W EOS	10/21/14	5:54 PM	5:59 PM	30	30	PASS	BM		X	
P-22/P-24	E EOS / W EOS	10/21/14	5:56 PM	6:01 PM	30	30	PASS	BM		X	
P-7/P-11	E EOS / W EOS	10/22/14	8:50 AM	8:55 AM	30	30	PASS	AF		X	
P-11/P-12	E EOS / D31	10/22/14	10:09 AM	10:14 AM	30	30	PASS	AF		X	
P-11/P-12	D31 / W EOS	10/22/14	8:54 AM	8:59 AM	30	27	PASS	AF	X		
P-12/P-14	E EOS / W EOS	10/22/14	8:56 AM	9:01 AM	30	30	PASS	AF		X	
P-14/P-16	E EOS / D32	10/22/14	10:33 AM	10:38 AM	30	30	PASS	AF		X	
P-14/P-16	D32 / W EOS	10/22/14	9:06 AM	9:11 AM	30	30	PASS	AF	X		

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-17/P-18	E EOS / W EOS	10/22/14	9:10 AM	9:15 AM	31	31	PASS	AF		X	
P-18/P-20	E EOS / W EOS	10/22/14	9:16 AM	9:21 AM	30	30	PASS	AF		X	
P-20/P-22	E EOS / W EOS	10/22/14	9:19 AM	9:24 AM	30	29	PASS	AF		X	
P-22/P-23	E EOS / W EOS	10/22/14	9:22 AM	9:27 AM	30	30	PASS	AF		X	
P-20/P-21	S EOS / N EOS	10/22/14	9:29 AM	9:34 AM	30	30	PASS	AF		X	
P-18/P-21	E EOS / W EOS	10/22/14	9:29 AM	9:34 AM	30	0	FAIL	AF		X	Seam Capped
P-14/P-15	S EOS / N EOS	10/22/14	9:46 AM	9:51 AM	31	31	PASS	AF		X	
P-12/P-13	S EOS / N EOS	10/22/14	10:07 AM	10:12 AM	30	29	PASS	AF		X	
P-13/P-14	E EOS / W EOS	10/22/14	10:15 AM	10:20 AM	30	30	PASS	AF		X	
P-23/P-24	S EOS / N EOS	10/22/14	10:26 AM	10:31 AM	31	30	PASS	AF		X	
P-18/P-19	S EOS / D50	10/22/14	10:26 AM	10:31 AM	0	0	FAIL	AF	X		Seam Capped
P-18/P-19	D50 / N EOS	10/22/14	10:55 AM	10:55 AM	30	30	PASS	AF		X	
P-24/P-26	E EOS / W EOS	10/24/14	1:07 PM	1:12 PM	30	30	PASS	BM		X	
P-26/P-27	E EOS / W EOS	10/24/14	1:40 PM	1:45 PM	30	29	PASS	BM			
P-27/P-28	E EOS / W EOS	10/24/14	1:21 PM	1:26 PM	30	30	PASS	BM		X	
P-28/P-30	E EOS / W EOS	10/24/14	1:22 PM	1:27 PM	30	30	PASS	BM		X	
P-30/P-31	E EOS / W EOS	10/24/14	1:24 PM	1:29 PM	30	30	PASS	BM		X	
P-31/P-32	E EOS / W EOS	10/24/14	1:50 PM	1:55 PM	30	30	PASS	BM		X	
P-32/P-33	E EOS / W EOS	10/24/14	1:49 PM	1:54 PM	30	30	PASS	BM		X	
P-23/P-25	E EOS / W EOS	10/24/14	2:22 PM	2:27 PM	30	30	PASS	BM		X	
P-29/P-31	E EOS / W EOS	10/24/14	2:55 PM	3:00 PM	30	30	PASS	BM		X	
P-31/P-33	E EOS / W EOS	10/24/14	2:59 PM	3:04 PM	30	30	PASS	BM		X	
P-35/P-36	S EOS / N EOS	10/24/14	3:25 PM	3:30 PM	30	30	PASS	BM		X	
P-25/P-26	N EOS / S EOS	10/24/14	1:58 PM	2:03 PM	30	30	PASS	BM		X	
P-24/P-25	E EOS / W EOS	10/24/14	2:08 PM	2:13 PM	30	30	PASS	BM		X	
P-25/P-27	E EOS / W EOS	10/24/14	2:17 PM	2:22 PM	30	30	PASS	BM		X	
P-28/P-29	E EOS / W EOS	10/24/14	2:43 PM	2:48 PM	30	30	PASS	BM		X	
P-29/P-30	S EOS / N EOS	10/24/14	2:45 PM	2:50 PM	30	30	PASS	BM		X	
P-33/P-35	E EOS / W EOS	10/24/14	3:30 PM	3:35 PM	30	30	PASS	BM		X	
P-33/P-36	W EOS / E EOS	10/24/14	3:14 PM	3:19 PM	30	30	PASS	BM		X	
P-34/P-35	S EOS / N EOS	10/24/14	3:37 PM	3:42 PM	30	30	PASS	BM		X	
P-33/P-34	E EOS / W EOS	10/24/14	3:40 PM	3:45 PM	30	30	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-36/P-37	E EOS / W EOS	10/25/14	2:22 PM	2:27 PM	30	30	PASS	BM		X	
P-37/P-38	E EOS / W EOS	10/25/14	2:43 PM	2:48 PM	30	30	PASS	BM		X	
P-38/P-41	E EOS / W EOS	10/25/14	2:36 PM	2:41 PM	30	28	PASS	BM		X	
P-41/P-43	E EOS / W EOS	10/25/14	2:37 PM	2:42 PM	30	30	PASS	BM		X	
P-43/P-44	E EOS / W EOS	10/25/14	2:39 PM	2:44 PM	30	30	PASS	BM		X	
P-44/P-45	E EOS / W EOS	10/25/14	3:03 PM	3:08 PM	30	30	PASS	BM		X	
P-47/P-48	E EOS / W EOS	10/25/14	3:05 PM	3:10 PM	30	29	PASS	BM		X	
P-48/P-51	E EOS / W EOS	10/25/14	3:30 PM	3:35 PM	30	30	PASS	BM		X	
P-45/P-47	E EOS / W EOS	10/25/14	3:04 PM	3:09 PM	30	28	PASS	BM		X	
P-35/P-37	E EOS / W EOS	10/25/14	3:47 PM	3:52 PM	30	30	PASS	BM		X	
P-38/P-40	E EOS / W EOS	10/25/14	3:50 PM	3:55 PM	30	30	PASS	BM		X	
P-40/P-41	S EOS / N EOS	10/25/14	3:52 PM	3:57 PM	30	30	PASS	BM		X	
P-40/P-42	E EOS / W EOS	10/25/14	3:54 PM	3:59 PM	30	30	PASS	BM		X	
P-41/P-42	E EOS / W EOS	10/25/14	3:59 PM	4:04 PM	30	30	PASS	BM		X	
P-42/P-43	S EOS / N EOS	10/25/14	4:00 PM	4:05 PM	30	30	PASS	BM		X	
P-42/P-44	E EOS / W EOS	10/25/14	4:16 PM	4:21 PM	30	29	PASS	BM		X	
P-38/P-39	E EOS / W EOS	10/25/14	4:21 PM	4:26 PM	30	30	PASS	BM		X	
P-39/P-40	S EOS / N EOS	10/25/14	4:23 PM	4:28 PM	30	30	PASS	BM		X	
P-39/P-42	E EOS / W EOS	10/25/14	4:25 PM	4:30 PM	30	30	PASS	BM		X	
P-34/P-37	E EOS / W EOS	10/25/14	4:31 PM	4:36 PM	30	30	PASS	BM		X	
P-42/P-45	E EOS / W EOS	10/25/14	4:42 PM	4:47 PM	30	30	PASS	BM		X	
P-48/P-50	E EOS / W EOS	10/25/14	4:47 PM	4:52 PM	30	30	PASS	BM		X	
P-50/P-51	S EOS / N EOS	10/25/14	4:53 PM	2:58 PM	30	30	PASS	BM		X	
P-51/P-52	W EOS / E EOS	10/25/14	5:17 PM	5:22 PM	30	30	PASS	BM		X	
P-49/P-52	E EOS / W EOS	10/25/14	5:25 PM	5:30 PM	30	30	PASS	BM		X	
P-48/P-49	E EOS / W EOS	10/25/14	5:28 PM	5:33 PM	30	30	PASS	BM		X	
P-49/P-50	N EOS / S EOS	10/25/14	5:31 PM	5:36 PM	30	30	PASS	BM		X	
P-52/P-54	E EOS / W EOS	10/25/14	5:38 PM	5:43 PM	30	30	PASS	BM		X	
P-53/P-54	S EOS / N EOS	10/25/14	5:39 PM	5:44 PM	30	30	PASS	BM		X	
P-46/P-47	E EOS / W EOS	10/25/14	5:47 PM	5:52 PM	30	28	PASS	BM		X	
P-45/P-46	N EOS / S EOS	10/25/14	5:56 PM	6:01 PM	30	30	PASS	BM		X	
P-42/P-46	E EOS / W EOS	10/25/14	5:58 PM	6:03 PM	30	30	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-52/P-53	W EOS / E EOS	10/25/14	5:41 PM	5:46 PM	30	30	PASS	BM		X	
P-50/P-52	W EOS / E EOS	10/25/14	6:07 PM	6:12 PM	30	30	PASS	BM		X	
P-53/P-55	E EOS / W EOS	10/27/14	1:28 PM	1:33 PM	30	30	PASS	AF		X	
P-54/P-55	E EOS / W EOS	10/27/14	1:27 PM	1:32 PM	30	30	PASS	AF		X	
P-55/P-57	E EOS / W EOS	10/27/14	1:39 PM	1:44 PM	30	29	PASS	DW		X	
P-55/P-56	E EOS / W EOS	10/27/14	1:38 PM	1:43 PM	30	30	PASS	DW		X	
P-56/P-57	S EOS / N EOS	10/27/14	1:44 PM	1:49 PM	30	29	PASS	DW		X	
P-56/P-58	E EOS / W EOS	10/27/14	2:04 PM	2:09 PM	30	30	PASS	DW		X	
P-57/P-58	E EOS / W EOS	10/27/14	2:15 PM	2:20 PM	30	29	PASS	DW		X	
P-58/P-59	S EOS / N EOS	10/27/14	2:23 PM	2:28 PM	30	30	PASS	DW		X	
P-57/P-59	E EOS / W EOS	10/27/14	2:40 PM	2:45 PM	30	30	PASS	SW		X	
P-59/P-60	E EOS / W EOS	10/27/14	2:48 PM	2:53 PM	30	30	PASS	SW		X	
P-58/P-60	E EOS / W EOS	10/27/14	2:42 PM	2:47 PM	30	30	PASS	SW		X	
P-60/P-62	E EOS / W EOS	10/27/14	3:04 PM	3:09 PM	30	30	PASS	SW		X	
P-60/P-61	E EOS / W EOS	10/27/14	3:06 PM	3:11 PM	30	30	PASS	SW		X	
P-61/P-62	S EOS / N EOS	10/27/14	3:03 PM	3:08 PM	30	30	PASS	SW		X	
P-61/P-63	E EOS / W EOS	10/29/14	2:24 PM	2:29 PM	30	30	PASS	BM		X	
P-62/P-63	W EOS / E EOS	10/29/14	2:25 PM	2:30 PM	30	29	PASS	BM		X	
P-63/P-65	W EOS / E EOS	10/29/14	2:31 PM	2:36 PM	30	30	PASS	BM		X	
P-64/P-65	S EOS / N EOS	10/29/14	2:31 PM	2:36 PM	30	30	PASS	BM		X	
P-63/P-64	E EOS / W EOS	10/29/14	2:30 PM	2:35 PM	30	30	PASS	BM		X	
P-65/P-66	W EOS / E EOS	10/29/14	2:40 PM	2:45 PM	30	30	PASS	BM		X	
P-64/P-66	E EOS / W EOS	10/29/14	2:40 PM	2:45 PM	30	30	PASS	BM		X	
P-66/P-67	E EOS / W EOS	10/29/14	2:55 PM	3:00 PM	30	30	PASS	BM		X	
P-66/P-68	W EOS / E EOS	10/29/14	2:56 PM	3:01 PM	30	30	PASS	BM		X	
P-67/P-68	S EOS / N EOS	10/29/14	2:56 PM	3:01 PM	30	30	PASS	BM		X	
P-68/P-70	E EOS / W EOS	10/29/14	2:59 PM	3:04 PM	30	30	PASS	BM		X	
P-67/P-70	E EOS / W EOS	10/29/14	3:05 PM	3:10 PM	30	30	PASS	BM		X	
P-66/P-69	E EOS / W EOS	10/29/14	3:10 PM	3:15 PM	30	30	PASS	BM		X	
P-67/P-69	S EOS / N EOS	10/29/14	3:10 PM	3:15 PM	30	30	PASS	BM		X	
P-69/P-70	E EOS / W EOS	10/29/14	3:14 PM	3:19 PM	30	30	PASS	BM		X	
P-72/P-73	S EOS / N EOS	10/29/14	3:35 PM	3:41 PM	30	30	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-71/P-73	W EOS / E EOS	10/29/14	4:26 PM	4:31 PM	30	30	PASS	BM		X	
P-70/P-71	W EOS / E EOS	10/29/14	3:19 PM	3:24 PM	30	30	PASS	BM		X	
P-73/P-74	W EOS / E EOS	10/29/14	4:36 PM	4:41 PM	30	30	PASS	BM		X	
P-71/P-72	E EOS / D176	10/29/14	5:00 PM	5:05 PM	30	30	PASS	BM	X		
P-71/P-72	D176 / W EOS	10/30/14	2:22 PM	2:27 PM	0	0	FAIL	AF		X	Seam Capped
P-72/P-74	E EOS / D177	10/29/14	5:05 PM	5:10 PM	30	30	PASS	BM	X		
P-72/P-74	D177 / W EOS	10/29/14	5:33 PM	5:38 PM	30	30	PASS	BM		X	
P-74/P-75	E EOS / D173	10/29/14	5:45 PM	5:50 PM	30	30	PASS	BM	X		
P-74/P-75	D173 / D207	10/30/14	1:58 PM	2:03 PM	30	30	PASS	AF	X		
P-74/P-75	D207 / W EOS	10/30/14	2:00 PM	2:05 PM	0	0	FAIL	AF		X	Seam Capped
P-75/P-78	W EOS / E EOS	10/29/14	5:56 PM	6:01 PM	30	30	PASS	BM		X	
P-77/P-78	S EOS / N EOS	10/29/14	5:57 PM	6:02 PM	30	30	PASS	BM		X	
P-75/P-77	E EOS / W EOS	10/29/14	5:55 PM	6:00 PM	30	30	PASS	BM		X	
P-76/P-77	S EOS / N EOS	10/29/14	6:06 PM	6:11 PM	30	30	PASS	BM		X	
P-75/P-76	E EOS / W EOS	10/29/14	6:06 PM	6:11 PM	30	30	PASS	BM		X	
P-78/P-79	E EOS / W EOS	10/30/14	12:54 PM	12:59 PM	30	30	PASS	AF		X	
P-77/P-79	E EOS / W EOS	10/30/14	12:54 PM	12:59 PM	30	30	PASS	AF		X	
P-79/P-81	E EOS / W EOS	10/30/14	12:59 PM	1:04 PM	30	30	PASS	AF		X	
P-79/P-80	E EOS / W EOS	10/30/14	12:59 PM	1:04 PM	30	29	PASS	AF		X	
P-80/P-81	E EOS / W EOS	10/30/14	1:07 PM	1:12 PM	30	28	PASS	AF		X	
P-76/P-79	E EOS / D206	10/30/14	1:06 PM	1:11 PM	30	30	PASS	AF	X		
P-76/P-79	D206 / W EOS	10/30/14	1:18 PM	1:23 PM	30	28	PASS	AF		X	
P-81/P-82	E EOS / W EOS	10/30/14	1:16 PM	1:21 PM	30	30	PASS	AF		X	
P-80/P-82	E EOS / W EOS	10/30/14	1:16 PM	1:21 PM	30	30	PASS	AF		X	
P-82/P-83	E EOS / W EOS	10/30/14	1:26 PM	1:31 PM	30	30	PASS	AF		X	
P-82/P-85	E EOS / W EOS	10/30/14	1:26 PM	1:31 PM	30	30	PASS	AF		X	
P-83/P-85	S EOS / N EOS	10/30/14	1:29 PM	1:34 PM	30	29	PASS	AF		X	
P-83/P-86	E EOS / W EOS	10/30/14	1:37 PM	1:42 PM	30	30	PASS	AF		X	
P-85/P-86	E EOS / W EOS	10/30/14	1:40 PM	1:45 PM	30	29	PASS	AF		X	
P-84/P-86	E EOS / W EOS	10/30/14	1:51 PM	1:56 PM	30	30	PASS	AF		X	
P-83/P-84	S EOS / N EOS	10/30/14	1:51 PM	1:56 PM	30	30	PASS	AF		X	
P-82/P-84	E EOS / W EOS	10/30/14	1:56 PM	2:01 PM	30	30	PASS	AF		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-87/P-89	E EOS / W EOS	10/31/14	12:46 PM	12:51 PM	30	30	PASS	NA		X	
P-89/P-90	E EOS / W EOS	10/31/14	12:48 PM	12:53 PM	30	30	PASS	NA		X	
P-90/P-93	E EOS / W EOS	10/31/14	12:51 PM	12:56 PM	30	29	PASS	NA		X	
P-93/P-94	E EOS / W EOS	10/31/14	12:57 PM	1:02 PM	30	30	PASS	NA		X	
P-90/P-92	E EOS / W EOS	10/31/14	1:07 PM	1:12 PM	30	30	PASS	NA		X	
P-92/P-93	S EOS / N EOS	10/31/14	1:09 PM	1:14 PM	30	29	PASS	NA		X	
P-92/P-94	E EOS / W EOS	10/31/14	1:11 PM	1:16 PM	30	30	PASS	NA		X	
P-91/P-92	N EOS / S EOS	10/31/14	1:22 PM	1:27 PM	30	30	PASS	NA		X	
P-91/P-94	E EOS / W EOS	10/31/14	1:22 PM	1:27 PM	30	30	PASS	NA		X	
P-90/P-91	E EOS / W EOS	10/31/14	1:25 PM	1:30 PM	30	30	PASS	NA		X	
P-94/P-95	S EOS / N EOS	10/31/14	1:31 PM	1:36 PM	30	29	PASS	NA		X	
P-86/P-87	E EOS / W EOS	10/31/14	11:47 AM	11:52 AM	30	30	PASS	NA		X	
P-91/P-95	E EOS / W EOS	10/31/14	1:31 PM	1:36 PM	30	30	PASS	NA		X	
P-88/P-89	N EOS / S EOS	10/31/14	1:39 PM	1:44 PM	30	30	PASS	NA		X	
P-88/P-90	E EOS / W EOS	10/31/14	1:40 PM	1:45 PM	30	30	PASS	NA		X	
P-87/P-88	E EOS / D244	10/31/14	1:42 PM	1:47 PM	30	29	PASS	NA	X		
P-87/P-88	D244 / W EOS	10/31/14	1:48 PM	1:53 PM	30	30	PASS	NA		X	
P-94/P-96	E EOS / W EOS	11/01/14	10:10 AM	10:15 AM	30	30	PASS	DW		X	
P-96/P-98	E EOS / W EOS	11/01/14	10:13 AM	10:18 AM	30	30	PASS	DW		X	
P-97/P-98	S EOS / N EOS	11/01/14	10:26 AM	10:31 AM	30	30	PASS	DW		X	
P-96/P-97	E EOS / W EOS	11/01/14	10:26 AM	10:31 AM	30	27	PASS	DW		X	
P-95/P-96	E EOS / W EOS	11/01/14	10:28 AM	10:33 AM	30	30	PASS	DW		X	
P-98/P-99	W EOS / E EOS	11/01/14	10:45 AM	10:50 AM	30	30	PASS	DW		X	
P-97/P-99	E EOS / W EOS	11/01/14	10:52 AM	10:57 AM	30	30	PASS	DW		X	
P-99/P-100	E EOS / W EOS	11/01/14	3:21 PM	3:26 PM	30	30	PASS	DW		X	
P-100/P-101	S EOS / N EOS	11/01/14	3:21 PM	3:26 PM	30	29	PASS	DW		X	
P-99/P-101	W EOS / E EOS	11/01/14	3:21 PM	3:26 PM	30	30	PASS	DW		X	
P-101/P-103	W EOS / E EOS	11/01/14	3:26 PM	3:31 PM	30	30	PASS	DW		X	
P-100/P-103	E EOS / W EOS	11/01/14	3:26 PM	3:31 PM	30	30	PASS	DW		X	
P-100/P-104	E EOS / W EOS	11/01/14	3:34 PM	3:39 PM	30	29	PASS	DW		X	Covered by P-201
P-103/P-104	S EOS / N EOS	11/01/14	3:34 PM	3:39 PM	30	30	PASS	DW		X	Covered by P-201
P-104/P-105	E EOS / W EOS	11/01/14	3:40 PM	3:45 PM	30	30	PASS	DW		X	Covered by P-201 & P-202

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-105/P-106	W EOS / E EOS	11/01/14	3:47 PM	3:52 PM	30	30	PASS	TB		X	
P-106/P-107	E EOS / W EOS	11/01/14	4:02 PM	4:07 PM	30	29	PASS	TB		X	Covered by P-203
P-107/P-108	S EOS / N EOS	11/01/14	4:02 PM	4:07 PM	30	30	PASS	TB		X	Covered by P-203 & P-204
P-106/P-108	W EOS / E EOS	11/01/14	4:02 PM	4:07 PM	30	30	PASS	TB		X	
P-102/P-103	W EOS / E EOS	11/01/14	4:20 PM	4:25 PM	30	30	PASS	TB		X	
P-101/P-102	N EOS / S EOS	11/01/14	4:20 PM	4:25 PM	30	30	PASS	TB		X	
P-99/P-102	E EOS / W EOS	11/01/14	4:20 PM	4:25 PM	30	30	PASS	TB		X	
P-103/P-105	E EOS / W EOS	11/01/14	4:39 PM	4:44 PM	30	30	PASS	TB		X	
P-108/P-109	E EOS / W EOS	11/01/14	4:44 PM	4:49 PM	30	29	PASS	TB		X	
P-109/P-112	W EOS / E EOS	11/01/14	5:12 PM	5:17 PM	30	30	PASS	RB		X	
P-111/P-112	S EOS / N EOS	11/01/14	5:12 PM	5:17 PM	30	30	PASS	RB		X	
P-107/P-109	W EOS / E EOS	11/01/14	5:35 PM	5:40 PM	30	28	PASS	RB		X	Covered by P-204, P-205, & P-206
P-109/P-110	E EOS / W EOS	11/01/14	5:44 PM	5:49 PM	30	28	PASS	RB		X	Covered by P-205 & P-206
P-109/P-111	W EOS / E EOS	11/01/14	5:39 PM	5:44 PM	30	30	PASS	RB		X	
P-110/P-111	S EOS / N EOS	11/01/14	5:39 PM	5:44 PM	30	30	PASS	RB		X	Covered by P-205, P-206, & P-207
P-110/P-113	E EOS / W EOS	11/01/14	6:08 PM	6:13 PM	30	30	PASS	RB		X	Covered by P-207 & P-208
P-111/P-113	W EOS / E EOS	11/01/14	6:13 PM	6:18 PM	30	30	PASS	RB		X	
P-112/P-113	W EOS / E EOS	11/01/14	6:19 PM	6:24 PM	30	30	PASS	RB		X	
P-113/P-114	W EOS / E EOS	11/01/14	6:38 PM	6:43 PM	30	30	PASS	RB		X	
P-115/P-116	W EOS / E EOS	11/06/14	11:50 AM	11:55 AM	30	30	PASS	BM		X	
P-115/P-117	E EOS / W EOS	11/06/14	11:50 AM	11:55 AM	30	30	PASS	BM		X	
P-116/P-117	N EOS / S EOS	11/06/14	11:50 AM	11:55 AM	30	30	PASS	BM		X	
P-117/P-119	E EOS / W EOS	11/06/14	12:15 PM	12:20 PM	30	29	PASS	BM		X	
P-116/P-119	W EOS / E EOS	11/06/14	12:11 PM	12:16 PM	30	30	PASS	BM		X	
P-116/P-118	W EOS / E EOS	11/06/14	1:00 PM	1:05 PM	30	30	PASS	BM		X	
P-118/P-119	N EOS / S EOS	11/06/14	1:00 PM	1:05 PM	30	30	PASS	BM		X	
P-120/P-121	N EOS / S EOS	11/06/14	1:14 PM	1:19 PM	30	30	PASS	BM		X	
P-119/P-121	W EOS / E EOS	11/06/14	1:14 PM	1:19 PM	30	30	PASS	BM		X	
P-119/P-120	E EOS / W EOS	11/06/14	1:23 PM	1:28 PM	30	28	PASS	BM		X	
P-9/P-115	W EOS / E EOS	11/06/14	1:03 PM	1:08 PM	30	30	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-10/P-115	E EOS / W EOS	11/06/14	1:27 PM	1:32 PM	30	30	PASS	BM		X	
P-120/P-123	N EOS / S EOS	11/06/14	1:40 PM	1:45 PM	30	30	PASS	BM		X	
P-117/P-122	S EOS / N EOS	11/06/14	1:49 PM	1:54 PM	30	29	PASS	BM		X	
P-124/P-125	E EOS / W EOS	06/02/15	4:01 PM	4:06 PM	30	29	PASS	BM		X	
P-125/P-126	E EOS / W EOS	06/02/15	4:02 PM	4:07 PM	30	30	PASS	BM		X	
P-126/P-127	E EOS / W EOS	06/02/15	5:57 PM	6:02 PM	30	30	PASS	BM		X	
P-127/P-128	E EOS / W EOS	06/02/15	6:16 PM	6:21 PM	30	30	PASS	BM		X	
P-128/P-129	N EOS / S EOS	06/02/15	6:32 PM	6:37 PM	30	30	PASS	BM		X	
P-127/P-129	E EOS / D335	06/02/15	6:33 PM	6:38 PM	30	30	PASS	BM	X		
P-127/P-129	D335 / W EOS	06/02/15	6:49 PM	6:54 PM	30	29	PASS	BM		X	
P-129/P-130	S EOS / N EOS	06/02/15	6:54 PM	6:59 PM	30	30	PASS	BM		X	
P-127/P-130	W EOS / E EOS	06/02/15	7:15 PM	7:20 PM	30	28	PASS	BM		X	
P-130/P-131	S EOS / N EOS	06/02/15	7:24 PM	7:29 PM	30	29	PASS	BM		X	
P-127/P-131	E EOS / W EOS	06/02/15	7:27 PM	7:32 PM	30	30	PASS	BM		X	
P-124/P-132	W EOS / D339	06/02/15	7:49 PM	7:54 PM	30	30	PASS	BM	X		
P-124/P-132	D339 / E EOS	06/03/15	8:04 AM	8:09 AM	30	28	PASS	BM		X	
P-132/P-133	E EOS / D341	06/03/15	8:09 AM	8:14 AM	30	30	PASS	BM	X		
P-132/P-133	D341 / W EOS	06/03/15	-	-	0	0	FAIL	BM		X	Seam Capped
P-133/P-134	E EOS / W EOS	06/03/15	8:09 AM	8:14 AM	30	30	PASS	BM		X	
P-134/P-135	E EOS / W EOS	06/03/15	9:33 AM	9:38 AM	30	30	PASS	BM		X	
P-129/P-136	W EOS / D366	06/03/15	5:25 PM	5:30 PM	30	30	PASS	AF	X		
P-129/P-136	D366 / D368	06/03/15	5:14 PM	5:19 PM	30	28	PASS	AF	X		
P-129/P-136	D368 / D370	06/03/15	-	-	0	0	FAIL	AF	X		Seam Capped
P-129/P-136	D370 / D369	06/03/15	6:15 PM	6:20 PM	31	0	FAIL	AF	X		Seam Capped
P-129/P-136	D369 / E EOS	06/03/15	-	-	0	0	FAIL	AF		X	Seam Capped
P-130/P-136	W EOS / D367	06/03/15	5:36 PM	5:41 PM	30	30	PASS	AF	X		
P-130/P-136	D367 / E EOS	06/03/15	-	-	0	0	FAIL	AF		X	Seam Capped
P-131/P-136	W EOS / E EOS	06/03/15	5:48 PM	5:53 PM	30	30	PASS	AF		X	
P-128/P-136	W EOS / D356	06/03/15	6:23 PM	6:28 PM	31	31	PASS	AF	X		
P-128/P-136	D356 / D371	06/03/15	6:45 PM	6:50 PM	31	29	PASS	AF	X		
P-128/P-136	D371 / E EOS	06/03/15	7:00 PM	7:05 PM	30	28	PASS	AF		X	
P-137/P-138	E EOS / D417	06/04/15	8:14 AM	8:19 AM	30	29	PASS	MT	X		

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-137/P-138	D417 / D383	06/04/15	11:19 AM	11:24 AM	33	32	PASS	MT	X		
P-137/P-138	D383 / W EOS	06/04/15	11:20 AM	11:25 AM	35	33	PASS	MT		X	
P-138/P-142	W EOS / E EOS	06/04/15	8:19 AM	8:24 AM	30	30	PASS	MT		X	
P-141/P-142	N EOS / S EOS	06/04/15	8:32 AM	8:37 AM	30	30	PASS	MT		X	
P-138/P-141	W EOS / E EOS	06/04/15	8:33 AM	8:38 AM	30	30	PASS	MT		X	
P-141/P-143	W EOS / E EOS	06/04/15	8:45 AM	8:50 AM	30	30	PASS	MT		X	
P-142/P-143	W EOS / E EOS	06/04/15	9:05 AM	9:10 AM	30	30	PASS	MT		X	
P-138/P-140	W EOS / E EOS	06/04/15	9:25 AM	9:30 AM	32	30	PASS	MT		X	
P-140/P-141	N EOS / S EOS	06/04/15	9:37 AM	9:42 AM	32	32	PASS	MT		X	
P-140/P-143	W EOS / E EOS	06/04/15	9:41 AM	9:46 AM	31	30	PASS	MT		X	
P-139/P-140	N EOS / S EOS	06/04/15	9:47 AM	9:52 AM	33	32	PASS	MT		X	
P-138/P-139	W EOS / E EOS	06/04/15	9:54 AM	9:59 AM	31	31	PASS	MT		X	
P-139/P-143	W EOS / D396	06/04/15	-	-	0	0	FAIL	MT	X		Seam Capped
P-139/P-143	D396 / D397	06/04/15	1:43 PM	1:48 PM	32	32	PASS	MT	X		
P-139/P-143	D397 / D398	06/04/15	1:56 PM	2:01 PM	30	30	PASS	MT	X		
P-139/P-143	D398 / E EOS	06/04/15	2:05 PM	2:10 PM	35	34	PASS	MT		X	
P-136/P-137	W EOS / E EOS	06/04/15	11:00 AM	11:05 AM	35	33	PASS	MT		X	
P-144/P-145	W EOS / E EOS	06/04/15	2:35 PM	2:40 PM	35	35	PASS	MT		X	
P-145/P-146	W EOS / D420	06/04/15	2:37 PM	2:42 PM	30	28	PASS	MT	X		
P-145/P-146	D420 / E EOS	06/05/15	7:15 AM	7:20 AM	30	29	PASS	PO		X	
P-146/P-149	E EOS / D421	06/04/15	2:40 PM	2:45 PM	32	31	PASS	MT	X		
P-146/P-149	D421 / W EOS	06/05/15	7:15 AM	7:20 AM	51	51	PASS	PO		X	
P-143/P-144	W EOS / E EOS	06/04/15	2:43 PM	2:48 PM	30	30	PASS	MT		X	
P-150/P-151	W EOS / D424	06/04/15	3:28 PM	3:33 PM	30	30	PASS	MT	X		
P-150/P-151	D424 / E EOS	06/05/15	8:00 AM	8:05 AM	40	40	PASS	PO		X	
P-151/P-152	W EOS / E EOS	06/04/15	3:32 PM	3:37 PM	32	31	PASS	MT		X	
P-152/P-156	W EOS / D425	06/04/15	3:58 PM	4:03 PM	30	30	PASS	MT	X		
P-152/P-156	D425 / E EOS	06/05/15	9:28 AM	9:33 AM	30	30	PASS	PO		X	
P-145/P-147	W EOS / D419	06/04/15	4:24 PM	4:29 PM	33	33	PASS	MT	X		
P-145/P-147	D419 / E EOS	06/05/15	6:55 AM	7:00 AM	30	30	PASS	PO		X	
P-147/P-148	N EOS / S EOS	06/04/15	4:34 PM	4:39 PM	30	30	PASS	MT		X	
P-148/P-149	W EOS / E EOS	06/04/15	5:03 PM	5:08 PM	34	34	PASS	MT		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-147/P-149	W EOS / E EOS	06/04/15	5:07 PM	5:12 PM	34	33	PASS	MT		X	
P-145/P-148	W EOS / E EOS	06/04/15	5:30 PM	5:35 PM	31	29	PASS	MT		X	
P-151/P-154	W EOS / E EOS	06/05/15	8:37 AM	8:42 AM	32	30	PASS	PO		X	
P-154/P-156	W EOS / D372	06/05/15	8:49 AM	8:54 AM	34	32	PASS	PO	X		
P-154/P-156	D372 / E EOS	06/05/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-151/P-153	W EOS / E EOS	06/05/15	9:05 AM	9:10 AM	40	40	PASS	PO		X	
P-153/P-154	N EOS / S EOS	06/05/15	9:02 AM	9:07 AM	30	28	PASS	PO		X	
P-153/P-156	W EOS / E EOS	06/05/15	9:12 AM	9:17 AM	48	48	PASS	PO		X	
P-152/P-153	N EOS / S EOS	06/05/15	9:19 AM	9:24 AM	30	28	PASS	PO		X	
P-146/P-147	N EOS / S EOS	06/05/15	7:18 AM	7:23 AM	31	31	PASS	PO		X	
P-149/P-150	W EOS / D400	06/04/15	3:30 PM	3:35 PM	32	30	PASS	MT	X		
P-149/P-150	D400 / D401	06/05/15	7:27 AM	7:32 AM	35	34	PASS	PO	X		
P-149/P-150	D401 / D402	06/05/15	7:30 AM	7:35 AM	30	29	PASS	PO	X		
P-149/P-150	D402 / E EOS	06/05/15	7:52 AM	7:57 AM	49	49	PASS	PO		X	
P-151/P-155	W EOS / E EOS	06/05/15	8:13 AM	8:18 AM	31	31	PASS	PO		X	
P-154/P-155	N EOS / S EOS	06/05/15	8:20 AM	8:25 AM	46	46	PASS	PO		X	
P-155/P-156	E EOS / W EOS	06/05/15	8:30 AM	8:35 AM	32	32	PASS	PO		X	
P-157/P-158	W EOS / D428	06/06/15	8:44 AM	8:49 AM	30	29	PASS	BM	X		
P-157/P-158	D428 / E EOS	06/06/15	9:29 AM	9:34 AM	40	40	PASS	BM		X	
P-158/P-159	W EOS / D433	06/06/15	9:49 AM	9:54 AM	30	30	PASS	AF	X		
P-158/P-159	D433 / D436	06/06/15	9:34 AM	9:39 AM	30	30	PASS	AF	X		
P-158/P-159	D436 / E EOS	06/06/15	10:46 AM	10:51 AM	44	44	PASS	AF		X	
P-159/P-160	W EOS / D435	06/06/15	10:22 AM	10:27 AM	45	43	PASS	AF	X		
P-159/P-160	D435 / E EOS	06/06/15	10:30 AM	10:35 AM	31	31	PASS	AF		X	
P-160/P-161	W EOS / D446	06/06/15	11:25 AM	11:30 AM	31	31	PASS	AF	X		
P-160/P-161	D446 / D434	06/06/15	11:27 AM	11:32 AM	32	30	PASS	AF	X		
P-160/P-161	D434 / E EOS	06/06/15	1:10 PM	1:15 PM	30	29	PASS	AF		X	
P-161/P-165	W EOS / D462	06/06/15	1:34 PM	1:39 PM	30	30	PASS	AF	X		
P-161/P-165	D462 / E EOS	06/07/15	9:27 AM	9:32 AM	30	30	PASS	PO		X	
P-160/P-162	W EOS / E EOS	06/06/15	1:42 PM	1:47 PM	31	31	PASS	AF		X	
P-162/P-165	W EOS / E EOS	06/06/15	1:47 PM	1:52 PM	31	29	PASS	AF		X	
P-161/P-162	N EOS / D461	06/06/15	1:56 PM	2:01 PM	40	40	PASS	AF	X		

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-161/P-162	D461 / S EOS	06/07/15	9:12 AM	9:17 AM	32	30	PASS	PO		X	
P-160/P-164	W EOS / E EOS	06/06/15	2:28 PM	2:33 PM	40	40	PASS	AF		X	
P-164/P-165	W EOS / E EOS	06/06/15	2:32 PM	2:37 PM	35	34	PASS	AF		X	
P-163/P-164	N EOS / S EOS	06/06/15	3:12 PM	3:17 PM	35	35	PASS	PO		X	
P-163/P-165	W EOS / E EOS	06/06/15	3:14 PM	3:19 PM	34	34	PASS	PO		X	
P-160/P-163	W EOS / E EOS	06/06/15	3:16 PM	3:21 PM	31	30	PASS	PO		X	
P-165/P-166	W EOS / E EOS	06/06/15	3:24 PM	3:29 PM	33	33	PASS	PO		X	
P-166/P-167	W EOS / E EOS	06/06/15	3:26 PM	3:31 PM	38	38	PASS	PO		X	
P-162/P-163	S EOS / N EOS	06/06/15	3:31 PM	3:36 PM	32	32	PASS	PO		X	
P-167/P-168	W EOS / E EOS	06/06/15	3:41 PM	3:46 PM	32	32	PASS	PO		X	
P-156/P-157	E EOS / W EOS	06/06/15	8:40 AM	8:45 AM	30	30	PASS	BM		X	
P-165/P-167	E EOS / W EOS	06/07/15	8:58 AM	9:03 AM	40	40	PASS	PO		X	
P-168/P-169	E EOS / D472	06/07/15	1:34 PM	1:39 PM	33	33	PASS	AF	X		
P-168/P-169	D472 / W EOS	06/07/15	2:09 PM	2:14 PM	39	38	PASS	PO		X	
P-169/P-170	E EOS / D469	06/08/15	1:07 PM	1:12 PM	30	29	PASS	AF	X		
P-169/P-170	D469 / D468	06/08/15	8:02 AM	8:07 AM	30	28	PASS	PO	X		
P-169/P-170	D468 / D466	06/08/15	1:15 PM	1:20 PM	34	34	PASS	BM	X		
P-169/P-170	D466 / D467	06/08/15	1:18 PM	1:23 PM	30	30	PASS	BM	X		
P-169/P-170	D467 / D471	06/08/15	1:21 PM	1:26 PM	32	32	PASS	BM	X		
P-169/P-170	D471 / W EOS	06/08/15	1:54 PM	1:59 PM	36	36	PASS	BM		X	
P-170/P-171	E EOS / D483	06/08/15	8:37 AM	8:42 AM	34	34	PASS	BM	X		
P-170/P-171	D483 / W EOS	06/08/15	8:58 AM	9:03 AM	30	28	PASS	BM		X	
P-171/P-172	E EOS / W EOS	06/08/15	8:46 AM	8:51 AM	36	36	PASS	BM		X	
P-173/P-174	S EOS / N EOS	06/08/15	9:09 AM	9:14 AM	30	28	PASS	BM		X	
P-174/P-175	S EOS / N EOS	06/08/15	9:46 AM	9:51 AM	38	38	PASS	BM		X	
P-172/P-176	E EOS / W EOS	06/08/15	10:03 AM	10:08 AM	33	33	PASS	BM		X	
P-172/P-175	W EOS / E EOS	06/08/15	10:09 AM	10:14 AM	32	30	PASS	BM		X	
P-175/P-176	N EOS / S EOS	06/08/15	10:23 AM	10:28 AM	30	30	PASS	BM		X	
P-176/P-177	E EOS / W EOS	06/08/15	10:27 AM	10:32 AM	32	32	PASS	BM		X	
P-175/P-177	W EOS / E EOS	06/08/15	10:26 AM	10:31 AM	32	32	PASS	BM		X	
P-174/P-177	W EOS / E EOS	06/08/15	10:41 AM	10:46 AM	32	32	PASS	BM		X	
P-172/P-173	W EOS / E EOS	06/08/15	11:01 AM	11:06 AM	32	31	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-172/P-174	E EOS / W EOS	06/08/15	11:09 AM	11:14 AM	35	35	PASS	BM		X	
P-173/P-177	W EOS / E EOS	06/08/15	11:13 AM	11:18 AM	30	29	PASS	BM		X	
P-177/P-181	E EOS / W EOS	06/08/15	11:44 AM	11:49 AM	30	28	PASS	BM		X	
P-181/P-182	E EOS / W EOS	06/08/15	11:47 AM	11:52 AM	34	34	PASS	BM		X	
P-180/P-181	N EOS / S EOS	06/08/15	11:54 AM	11:59 AM	32	31	PASS	BM		X	
P-180/P-182	W EOS / E EOS	06/08/15	1:04 PM	1:09 PM	32	32	PASS	BM		X	
P-177/P-180	W EOS / E EOS	06/08/15	1:06 PM	1:11 PM	31	29	PASS	BM		X	
P-179/P-180	S EOS / N EOS	06/08/15	2:24 PM	2:29 PM	36	36	PASS	BM		X	
P-177/P-179	W EOS / E EOS	06/08/15	1:31 PM	1:36 PM	30	30	PASS	BM		X	
P-179/P-182	W EOS / E EOS	06/08/15	1:34 PM	1:39 PM	30	28	PASS	BM		X	
P-178/P-182	W EOS / E EOS	06/08/15	2:10 PM	2:15 PM	34	33	PASS	BM		X	
P-178/P-179	N EOS / D502	06/08/15	2:24 PM	2:29 PM	0	0	FAIL	AF	X		Seam Capped
P-178/P-179	D502 / S EOS	06/08/15	2:35 PM	2:40 PM	32	32	PASS	AF		X	
P-177/P-178	W EOS / E EOS	06/08/15	2:37 PM	2:42 PM	30	28	PASS	AF		X	
P-186/P-187	W EOS / E EOS	06/09/15	11:50 AM	11:55 AM	38	36	PASS	PO		X	
P-186/P-188	W EOS / E EOS	06/09/15	11:53 AM	11:58 AM	33	33	PASS	PO		X	
P-185/P-186	W EOS / E EOS	06/09/15	11:54 AM	11:59 AM	35	35	PASS	PO		X	
P-185/P-188	N EOS / D516	06/09/15	12:51 PM	12:56 PM	31	31	PASS	PO	X		
P-185/P-188	D516 / S EOS	06/09/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-184/P-185	E EOS / W EOS	06/09/15	12:55 PM	1:00 PM	33	33	PASS	PO		X	
P-184/P-188	W EOS / E EOS	06/09/15	12:59 PM	1:04 PM	33	33	PASS	PO		X	
P-183/P-184	E EOS / W EOS	06/09/15	1:11 PM	1:16 PM	36	36	PASS	PO		X	
P-183/P-189	E EOS / W EOS	06/09/15	1:09 PM	1:14 PM	30	30	PASS	PO		X	
P-189/P-190	E EOS / W EOS	06/09/15	1:23 PM	1:28 PM	33	32	PASS	PO		X	
P-190/P-191	E EOS / W EOS	06/09/15	2:34 PM	2:39 PM	34	32	PASS	PO		X	
P-191/P-193	E EOS / W EOS	06/09/15	2:36 PM	2:41 PM	36	36	PASS	PO		X	
P-191/P-192	E EOS / W EOS	06/09/15	2:35 PM	2:40 PM	34	34	PASS	PO		X	
P-192/P-193	S EOS / N EOS	06/09/15	2:37 PM	2:42 PM	30	29	PASS	PO		X	
P-192/P-194	E EOS / W EOS	06/09/15	2:49 PM	2:54 PM	32	32	PASS	PO		X	
P-193/P-194	W EOS / E EOS	06/09/15	2:50 PM	2:55 PM	33	31	PASS	PO		X	
P-194/P-195	E EOS / W EOS	06/09/15	3:17 PM	3:22 PM	34	33	PASS	PO		X	
P-195/P-197	W EOS / E EOS	06/09/15	3:45 PM	3:50 PM	35	33	PASS	PO		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-195/P-196	E EOS / W EOS	06/09/15	3:45 PM	3:50 PM	30	30	PASS	PO		X	
P-196/P-197	S EOS / N EOS	06/09/15	3:54 PM	3:59 PM	30	30	PASS	PO		X	
P-196/P-198	W EOS / E EOS	06/09/15	4:08 PM	4:13 PM	34	34	PASS	PO		X	
P-197/P-198	W EOS / E EOS	06/09/15	4:15 PM	4:20 PM	36	35	PASS	PO		X	
P-198/P-200	E EOS / W EOS	06/09/15	5:01 PM	5:06 PM	36	36	PASS	PO		X	
P-198/P-199	E EOS / W EOS	06/09/15	5:12 PM	5:17 PM	34	33	PASS	PO		X	
P-199/P-200	S EOS / N EOS	06/09/15	5:02 PM	5:07 PM	33	32	PASS	PO		X	
P-101/P-201	E EOS / W EOS	06/10/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-100/P-201	E EOS / W EOS	06/10/15	1:59 PM	2:04 PM	34	34	PASS	PO		X	
P-103/P-201	N EOS / S EOS	06/10/15	2:17 PM	2:22 PM	30	30	PASS	PO		X	
P-103/P-202	W EOS / E EOS	06/10/15	2:20 PM	2:25 PM	30	29	PASS	PO		X	
P-201/P-202	E EOS / W EOS	06/10/15	2:09 PM	2:14 PM	30	30	PASS	PO		X	
P-105/P-202	S EOS / D575	06/10/15	2:37 PM	2:42 PM	30	29	PASS	PO	X		
P-105/P-202	D575 / N EOS	06/10/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-105/P-203	E EOS / W EOS	06/10/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-202/P-203	E EOS / W EOS	06/10/15	2:39 PM	2:44 PM	30	30	PASS	PO		X	
P-106/P-203	S EOS / N EOS	06/10/15	2:58 PM	3:03 PM	30	30	PASS	PO		X	
P-106/P-204	W EOS / E EOS	06/10/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-201/P-211	W EOS / E EOS	06/10/15	4:50 PM	4:55 PM	30	30	PASS	PO		X	
P-108/P-204	S EOS / D658	06/10/15	5:20 PM	5:25 PM	30	30	PASS	PO	X		
P-108/P-204	D568 / N EOS	06/10/15	5:36 PM	5:41 PM	30	30	PASS	PO		X	
P-204/P-205	E EOS / W EOS	06/10/15	5:32 PM	5:37 PM	30	30	PASS	PO		X	
P-109/P-204	W EOS / E EOS	06/10/15	5:39 PM	5:44 PM	30	30	PASS	PO		X	
P-109/P-205	S EOS / N EOS	06/10/15	5:40 PM	5:45 PM	30	30	PASS	PO		X	
P-109/P-207	E EOS / W EOS	06/10/15	6:00 PM	6:05 PM	30	30	PASS	PO		X	
P-205/P-207	E EOS / W EOS	06/10/15	5:59 PM	6:04 PM	30	30	PASS	PO		X	
P-111/P-207	N EOS / S EOS	06/10/15	6:12 PM	6:17 PM	32	32	PASS	PO		X	
P-207/P-208	E EOS / W EOS	06/10/15	6:11 PM	6:16 PM	33	31	PASS	PO		X	
P-114/P-208	E EOS / W EOS	06/10/15	6:38 PM	6:43 PM	40	39	PASS	PO		X	
P-113/P-208	N EOS / D590	06/10/15	6:50 PM	6:55 PM	30	28	PASS	PO	X		
P-113/P-208	D590 / S EOS	06/10/15	6:55 PM	7:00 PM	30	30	PASS	PO		X	
P-114/P-209	S EOS / N EOS	06/10/15	7:00 PM	7:05 PM	30	30	PASS	PO		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-208/P-209	E EOS / W EOS	06/10/15	7:00 PM	7:05 PM	31	30	PASS	PO		X	
P-204/P-206	W EOS / E EOS	06/10/15	7:20 PM	7:25 PM	30	30	PASS	PO		X	
P-205/P-206	S EOS / N EOS	06/10/15	7:15 PM	7:20 PM	30	30	PASS	PO		X	
P-206/P-207	E EOS / W EOS	06/10/15	7:25 PM	7:30 PM	30	30	PASS	PO		X	
P-208/P-210	E EOS / W EOS	06/10/15	7:30 PM	7:35 PM	32	32	PASS	PO		X	
P-209/P-210	S EOS / N EOS	06/10/15	7:30 PM	7:35 PM	32	32	PASS	PO		X	
P-199/P-212	E EOS / D612	06/11/15	2:01 PM	2:06 PM	35	34	PASS	PO	X		
P-199/P-212	D612 / D620	06/11/15	2:00 PM	2:05 PM	30	30	PASS	PO	X		
P-199/P-212	D620 / D610	06/11/15	2:06 PM	2:11 PM	30	30	PASS	PO	X		
P-199/P-212	D610 / W EOS	06/11/15	2:06 PM	2:11 PM	30	30	PASS	PO		X	
P-200/P-212	E EOS / W EOS	06/11/15	2:12 PM	2:17 PM	33	33	PASS	PO		X	
P-212/P-213	E EOS / W EOS	06/11/15	2:20 PM	2:25 PM	33	33	PASS	PO		X	
P-213/P-214	E EOS / W EOS	06/11/15	2:22 PM	2:27 PM	33	32	PASS	PO		X	
P-215/P-216	E EOS / W EOS	06/11/15	2:38 PM	2:43 PM	35	35	PASS	PO		X	
P-216/P-217	E EOS / D619	06/11/15	2:41 PM	2:46 PM	30	30	PASS	PO	X		
P-216/P-217	D619 / D621	06/11/15	2:47 PM	2:52 PM	40	40	PASS	PO	X		
P-216/P-217	D621 / W EOS	06/11/15	3:05 PM	3:10 PM	33	33	PASS	PO		X	
P-217/P-218	W EOS / E EOS	06/11/15	3:14 PM	3:19 PM	36	35	PASS	PO		X	
P-218/P-219	W EOS / D622	06/11/15	3:28 PM	3:33 PM	31	31	PASS	PO	X		
P-218/P-219	D622 / E EOS	06/11/15	3:40 PM	3:45 PM	40	40	PASS	PO		X	
P-214/P-215	E EOS / D625	06/11/15	3:51 PM	3:56 PM	40	39	PASS	PO	X		
P-214/P-215	D625 / W EOS	06/11/15	3:53 PM	3:58 PM	38	38	PASS	PO		X	
P-203/P-204	E EOS / W EOS	06/11/15	3:09 PM	3:14 PM	30	28	PASS	PO		X	
P-220/P-222	E EOS / W EOS	06/17/15	4:54 PM	4:59 PM	33	33	PASS	BM		X	
P-220/P-221	W EOS / E EOS	06/17/15	5:05 PM	5:10 PM	33	30	PASS	BM		X	
P-221/P-225	W EOS / D664	06/17/15	-	-	0	0	FAIL	BM	X		Seam Capped
P-221/P-225	D664 / E EOS	06/17/15	5:08 PM	5:13 PM	32	32	PASS	BM		X	
P-225/P-229	E EOS / W EOS	06/17/15	5:25 PM	5:30 PM	33	33	PASS	BM		X	
P-228/P-229	N EOS / S EOS	06/17/15	5:37 PM	5:42 PM	32	32	PASS	BM		X	
P-229/P-230	E EOS / W EOS	06/17/15	5:40 PM	5:45 PM	34	34	PASS	BM		X	
P-228/P-230	E EOS / W EOS	06/17/15	5:53 PM	5:58 PM	34	34	PASS	BM		X	
P-225/P-228	E EOS / W EOS	06/17/15	5:59 PM	6:04 PM	34	34	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-227/P-228	S EOS / N EOS	06/17/15	6:06 PM	6:11 PM	34	34	PASS	BM		X	
P-227/P-230	E EOS / W EOS	06/17/15	6:18 PM	6:23 PM	32	32	PASS	BM		X	
P-219/P-220	W EOS / D646	06/17/15	2:56 PM	3:01 PM	34	32	PASS	BM	X		
P-219/P-220	D646 / E EOS	06/17/15	3:06 PM	3:11 PM	32	32	PASS	BM		X	
P-221/P-222	S EOS / N EOS	06/17/15	3:13 PM	3:18 PM	33	33	PASS	BM		X	
P-222/P-223	N EOS / S EOS	06/17/15	3:34 PM	3:39 PM	34	32	PASS	BM		X	
P-223/P-224	S EOS / N EOS	06/17/15	3:50 PM	3:55 PM	32	32	PASS	BM		X	
P-220/P-223	W EOS / E EOS	06/17/15	3:50 PM	3:55 PM	32	32	PASS	BM		X	
P-220/P-224	E EOS / W EOS	06/17/15	3:59 PM	4:04 PM	34	34	PASS	BM		X	
P-224/P-225	W EOS / D656	06/17/15	4:20 PM	4:25 PM	32	31	PASS	BM	X		
P-224/P-225	D656 / E EOS	06/17/15	4:26 PM	4:31 PM	32	31	PASS	BM		X	
P-223/P-225	W EOS / E EOS	06/17/15	4:31 PM	4:36 PM	32	31	PASS	BM		X	
P-222/P-225	E EOS / W EOS	06/17/15	4:50 PM	4:55 PM	34	34	PASS	BM		X	
P-225/P-227	E EOS / W EOS	06/18/15	9:37 AM	9:42 AM	31	29	PASS	KS		X	
P-226/P-227	S EOS / N EOS	06/18/15	9:47 AM	9:52 AM	32	31	PASS	KS		X	
P-225/P-226	W EOS / E EOS	06/18/15	9:54 AM	9:59 AM	36	35	PASS	KS		X	
P-226/P-230	W EOS / E EOS	06/18/15	10:05 AM	10:10 AM	31	31	PASS	KS		X	
P-230/P-231	W EOS / E EOS	06/18/15	10:14 AM	10:19 AM	34	32	PASS	KS		X	
P-231/P-232	S EOS / N EOS	06/18/15	10:23 AM	10:28 AM	35	35	PASS	KS		X	
P-230/P-232	E EOS / W EOS	06/18/15	10:31 AM	10:36 AM	36	34	PASS	KS		X	
P-232/P-233	S EOS / N EOS	06/18/15	10:40 AM	10:45 AM	34	32	PASS	KS		X	
P-230/P-233	E EOS / W EOS	06/18/15	10:50 AM	10:55 AM	33	32	PASS	KS		X	
P-233/P-234	S EOS / N EOS	06/18/15	11:01 AM	11:06 AM	32	30	PASS	KS		X	
P-230/P-234	E EOS / D670	06/18/15	11:25 AM	11:30 AM	35	33	PASS	KS	X		
P-230/P-234	D670 / W EOS	06/18/15	11:27 AM	11:32 AM	33	32	PASS	KS		X	
P-234/P-235	S EOS / N EOS	06/18/15	11:37 AM	11:42 AM	32	31	PASS	KS		X	
P-230/P-235	E EOS / W EOS	06/18/15	11:46 AM	11:51 AM	33	31	PASS	KS		X	
P-258/P-261	E EOS / W EOS	06/19/15	2:58 PM	3:03 PM	32	32	PASS	PO		X	
P-261/P-262	S EOS / N EOS	06/19/15	3:00 PM	3:05 PM	35	35	PASS	PO		X	
P-261/P-263	E EOS / D735	06/19/15	3:18 PM	3:23 PM	35	35	PASS	PO	X		
P-261/P-263	D735 / W EOS	06/19/15	3:28 PM	3:33 PM	33	34	PASS	PO		X	
P-262/P-263	W EOS / E EOS	06/19/15	3:21 PM	3:26 PM	35	34	PASS	PO		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-260/P-263	E EOS / W EOS	06/19/15	3:30 PM	3:35 PM	32	32	PASS	PO		X	
P-264/P-265	S EOS / N EOS	06/19/15	4:04 PM	4:09 PM	35	33	PASS	PO		X	
P-263/P-264	W EOS / E EOS	06/19/15	4:06 PM	4:11 PM	33	31	PASS	PO		X	
P-263/P-265	W EOS / E EOS	06/19/15	4:14 PM	4:19 PM	30	30	PASS	PO		X	
P-265/P-266	S EOS / N EOS	06/19/15	4:22 PM	4:27 PM	35	34	PASS	PO		X	
P-263/P-266	W EOS / E EOS	06/19/15	4:28 PM	4:33 PM	35	35	PASS	PO		X	
P-246/P-254	W EOS / E EOS	06/19/15	11:10 AM	11:15 AM	35	35	PASS	PO		X	
P-255/P-257	E EOS / W EOS	06/19/15	11:18 AM	11:23 AM	35	35	PASS	PO		X	
P-254/P-257	W EOS / E EOS	06/19/15	11:22 AM	11:27 AM	31	30	PASS	PO		X	
P-256/P-257	S EOS / N EOS	06/19/15	11:31 AM	11:36 AM	30	30	PASS	PO		X	
P-256/P-258	W EOS / E EOS	06/19/15	2:03 PM	2:08 PM	35	34	PASS	PO		X	
P-257/P-258	E EOS / W EOS	06/19/15	2:04 PM	2:09 PM	34	34	PASS	PO		X	
P-260/P-261	S EOS / N EOS	06/19/15	2:17 PM	2:22 PM	35	34	PASS	PO		X	
P-258/P-260	E EOS / W EOS	06/19/15	2:17 PM	2:22 PM	35	35	PASS	PO		X	
P-258/P-259	E EOS / W EOS	06/19/15	2:28 PM	2:33 PM	31	29	PASS	PO		X	
P-259/P-260	S EOS / N EOS	06/19/15	2:32 PM	2:37 PM	30	30	PASS	PO		X	
P-259/P-263	E EOS / W EOS	06/19/15	2:47 PM	2:53 PM	32	31	PASS	PO		X	
P-239/P-242	W EOS / E EOS	06/19/15	8:27 AM	8:32 AM	35	34	PASS	PO		X	
P-242/P-243	W EOS / E EOS	06/19/15	8:39 AM	8:44 AM	35	34	PASS	PO		X	
P-243/P-245	W EOS / D703	06/19/15	8:43 AM	8:48 AM	34	34	PASS	PO	X		
P-243/P-245	D703 / E EOS	06/19/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-244/P-245	S EOS / N EOS	06/19/15	8:54 AM	8:59 AM	35	35	PASS	PO		X	
P-243/P-244	W EOS / E EOS	06/19/15	8:57 AM	9:02 AM	35	34	PASS	PO		X	
P-241/P-243	W EOS / E EOS	06/19/15	9:10 AM	9:15 AM	33	32	PASS	PO		X	
P-241/P-242	S EOS / N EOS	06/19/15	9:14 AM	9:19 AM	35	34	PASS	PO		X	
P-239/P-240	W EOS / E EOS	06/19/15	9:19 AM	9:24 AM	35	35	PASS	PO		X	
P-239/P-241	E EOS / W EOS	06/19/15	9:24 AM	9:29 AM	33	33	PASS	PO		X	
P-240/P-241	S EOS / N EOS	06/19/15	9:27 AM	9:32 AM	35	35	PASS	PO		X	
P-246/P-247	W EOS / E EOS	06/19/15	10:15 AM	10:20 AM	30	28	PASS	PO		X	
P-247/P-248	S EOS / N EOS	06/19/15	10:17 AM	10:22 AM	35	35	PASS	PO		X	
P-246/P-248	W EOS / E EOS	06/19/15	10:17 AM	10:22 AM	35	34	PASS	PO		X	
P-248/P-249	W EOS / E EOS	06/19/15	10:22 AM	10:27 AM	32	32	PASS	PO		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-249/P-250	W EOS / E EOS	06/19/15	10:30 AM	10:35 AM	35	32	PASS	PO		X	
P-249/P-251	W EOS / E EOS	06/19/15	10:30 AM	10:35 AM	31	29	PASS	PO		X	
P-250/P-251	S EOS / N EOS	06/19/15	10:29 AM	10:34 AM	34	34	PASS	PO		X	
P-251/P-252	E EOS / W EOS	06/19/15	10:37 AM	10:42 AM	31	30	PASS	PO		X	
P-245/P-253	E EOS / W EOS	06/19/15	10:40 AM	10:45 AM	35	35	PASS	PO		X	
P-246/P-255	E EOS / W EOS	06/19/15	11:01 AM	11:06 AM	31	31	PASS	PO		X	
P-254/P-255	S EOS / N EOS	06/19/15	11:00 AM	11:05 AM	32	31	PASS	PO		X	
P-231/P-236	W EOS / E EOS	06/19/15	7:32 AM	7:37 AM	34	32	PASS	PO		X	
P-232/P-236	E EOS / W EOS	06/19/15	7:35 AM	7:40 AM	33	32	PASS	PO		X	
P-233/P-236	E EOS / W EOS	06/19/15	7:43 AM	7:48 AM	32	31	PASS	PO		X	
P-236/P-237	W EOS / E EOS	06/19/15	7:46 AM	7:51 AM	30	28	PASS	PO		X	
P-237/P-238	S EOS / N EOS	06/19/15	7:47 AM	7:52 AM	35	35	PASS	PO		X	
P-236/P-238	E EOS / D690	06/19/15	7:49 AM	7:54 AM	34	32	PASS	PO	X		
P-236/P-238	D690 / D691	06/19/15	7:58 AM	8:03 AM	32	32	PASS	PO	X		
P-236/P-238	D691 / W EOS	06/19/15	8:05 AM	8:10 AM	35	35	PASS	PO		X	
P-234/P-236	E EOS / W EOS	06/19/15	8:08 AM	8:13 AM	30	30	PASS	PO		X	
P-235/P-236	E EOS / W EOS	06/19/15	8:15 AM	8:20 AM	31	30	PASS	PO		X	
P-238/P-239	W EOS / E EOS	06/19/15	8:25 AM	8:30 AM	35	33	PASS	PO		X	
P-236/P-262	E EOS / W EOS	06/19/15	5:57 PM	6:02 PM	35	34	PASS	PO		X	
P-237/P-262	W EOS / E EOS	06/19/15	6:10 PM	6:15 PM	35	34	PASS	PO		X	
P-237/P-258	W EOS / E EOS	06/19/15	6:12 PM	6:17 PM	35	35	PASS	PO		X	
P-239/P-258	E EOS / W EOS	06/19/15	6:20 PM	6:25 PM	30	28	PASS	PO		X	
P-239/P-256	W EOS / E EOS	06/19/15	6:27 PM	6:32 PM	35	34	PASS	PO		X	
P-239/P-254	W EOS / E EOS	06/19/15	6:34 PM	6:39 PM	32	30	PASS	PO		X	
P-240/P-254	E EOS / W EOS	06/19/15	6:40 PM	6:45 PM	35	35	PASS	PO		X	
P-266/P-267	S EOS / N EOS	06/19/15	4:36 PM	4:41 PM	35	34	PASS	PO		X	
P-263/P-267	W EOS / E EOS	06/19/15	4:44 PM	4:49 PM	35	34	PASS	PO		X	
P-267/P-268	W EOS / E EOS	06/19/15	4:55 PM	5:00 PM	35	35	PASS	PO		X	
P-266/P-268	E EOS / W EOS	06/19/15	5:02 PM	5:05 PM	35	34	PASS	PO		X	
P-265/P-268	W EOS / E EOS	06/19/15	5:07 PM	5:12 PM	34	32	PASS	PO		X	
P-264/P-268	E EOS / W EOS	06/19/15	5:14 PM	5:19 PM	35	35	PASS	PO		X	
P-267/P-269	S EOS / N EOS	06/19/15	5:31 PM	5:36 PM	32	32	PASS	PO		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-236/P-269	W EOS / E EOS	06/19/15	5:31 PM	5:36 PM	30	28	PASS	PO		X	
P-236/P-263	E EOS / D748	06/19/15	5:43 PM	5:48 PM	33	33	PASS	PO	X		
P-236/P-263	D748 / D745	06/19/15	-	-	0	0	PASS	PO	X		
P-236/P-263	D745 / W EOS	06/19/15	5:49 PM	5:54 PM	32	31	PASS	PO		X	
P-240/P-246	W EOS / E EOS	06/20/15	7:14 AM	7:19 AM	34	34	PASS	PO		X	
P-243/P-247	W EOS / E EOS	06/20/15	7:16 AM	7:21 AM	33	33	PASS	PO		X	
P-243/P-249	W EOS / E EOS	06/20/15	7:20 AM	7:25 AM	33	33	PASS	PO		X	
P-244/P-249	E EOS / D756	06/20/15	7:24 AM	7:29 AM	34	32	PASS	PO	X		
P-244/P-249	D756 / W EOS	06/20/15	7:26 AM	7:31 AM	35	34	PASS	PO		X	
P-244/P-250	E EOS / W EOS	06/20/15	7:32 AM	7:37 AM	35	35	PASS	PO		X	
P-250/P-253	E EOS / W EOS	06/20/15	7:34 AM	7:39 AM	30	30	PASS	PO		X	
P-252/P-253	E EOS / W EOS	06/20/15	7:35 AM	7:40 AM	35	35	PASS	PO		X	
P-182/P-270	W EOS / E EOS	06/20/15	4:05 AM	4:10 AM	36	35	PASS	KS		X	
P-270/P-271	W EOS / E EOS	06/20/15	4:08 AM	4:13 AM	36	36	PASS	KS		X	
P-271/P-272	W EOS / E EOS	06/20/15	4:10 AM	4:15 AM	36	34	PASS	KS		X	
P-272/P-273	W EOS / E EOS	06/21/15	11:11 AM	11:16 AM	35	35	PASS	PO		X	
P-273/P-274	W EOS / D788	06/21/15	11:20 AM	11:25 AM	34	34	PASS	PO	X		
P-273/P-274	D788 / D801	06/21/15	11:37 AM	11:42 AM	35	35	PASS	PO	X		
P-273/P-274	D801 / D802	06/21/15	11:44 AM	11:49 AM	30	29	PASS	PO	X		
P-273/P-274	D802 / E EOS	06/21/15	11:48 AM	11:53 AM	32	31	PASS	PO		X	
P-274/P-275	W EOS / E EOS	06/21/15	11:28 AM	11:33 AM	35	34	PASS	PO		X	
P-275/P-279	E EOS / W EOS	06/21/15	11:59 AM	12:04 PM	34	33	PASS	PO		X	
P-278/P-279	S EOS / N EOS	06/21/15	12:01 PM	12:06 PM	31	30	PASS	PO		X	
P-275/P-278	E EOS / W EOS	06/21/15	1:45 PM	1:50 PM	31	30	PASS	PO		X	
P-277/P-278	S EOS / N EOS	06/21/15	1:45 PM	1:50 PM	35	35	PASS	PO		X	
P-275/P-277	W EOS / D804	06/21/15	1:45 PM	1:50 PM	35	35	PASS	PO	X		
P-275/P-277	D804 / D805	06/21/15	1:52 PM	1:57 PM	35	34	PASS	PO	X		
P-275/P-277	D805 / D806	06/21/15	-	-	0	0	FAIL	PO	X		Seam Capped
P-275/P-277	D806 / D796	06/21/15	1:54 PM	1:59 PM	35	35	PASS	PO	X		
P-275/P-277	D796 / E EOS	06/21/15	2:04 PM	2:09 PM	35	33	PASS	PO		X	
P-288/P-290	E EOS / W EOS	06/21/15	4:09 PM	4:14 PM	34	34	PASS	PO		X	
P-285/P-287	E EOS / W EOS	06/21/15	4:17 PM	4:22 PM	34	33	PASS	PO		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-286/P-287	S EOS / N EOS	06/21/15	4:21 PM	4:26 PM	35	35	PASS	PO		X	
P-287/P-290	E EOS / W EOS	06/21/15	4:23 PM	4:28 PM	35	35	PASS	PO		X	
P-283/P-284	E EOS / W EOS	06/21/15	4:34 PM	4:39 PM	33	32	PASS	PO		X	
P-284/P-285	E EOS / W EOS	06/21/15	4:37 PM	4:42 PM	32	31	PASS	PO		X	
P-285/P-286	W EOS / D825	06/21/15	4:53 PM	4:58 PM	31	30	PASS	PO	X		
P-285/P-286	D825 / D826	06/21/15	-	-	0	0	FAIL	PO	X		Seam Capped
P-285/P-286	D826 / E EOS	06/21/15	4:58 PM	5:03 PM	30	28	PASS	PO		X	
P-286/P-290	E EOS / W EOS	06/21/15	5:03 PM	5:08 PM	32	32	PASS	PO		X	
P-276/P-277	S EOS / D794	06/21/15	2:07 PM	2:12 PM	32	32	PASS	PO	X		
P-276/P-277	D794 / N EOS	06/21/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-275/P-276	W EOS / D809	06/21/15	2:13 PM	2:18 PM	32	31	PASS	PO	X		
P-275/P-276	D809 / D810	06/21/15	2:23 PM	2:28 PM	30	29	PASS	PO	X		
P-275/P-276	D810 / E EOS	06/21/15	2:24 PM	2:29 PM	33	32	PASS	PO		X	
P-276/P-280	E EOS / D793	06/21/15	2:31 PM	2:36 PM	34	33	PASS	PO	X		
P-276/P-280	D793 / W EOS	06/21/15	2:35 PM	2:40 PM	34	33	PASS	PO		X	
P-277/P-280	W EOS / E EOS	06/21/15	2:44 PM	2:49 PM	35	35	PASS	PO		X	
P-278/P-280	E EOS / W EOS	06/21/15	2:43 PM	2:48 PM	32	32	PASS	PO		X	
P-279/P-280	W EOS / E EOS	06/21/15	2:57 AM	3:02 PM	35	33	PASS	PO		X	
P-280/P-281	W EOS / E EOS	06/21/15	2:59 PM	3:04 PM	34	34	PASS	PO		X	
P-281/P-282	W EOS / E EOS	06/21/15	3:06 PM	3:11 PM	32	32	PASS	PO		X	
P-282/P-283	W EOS / D811	06/21/15	3:25 PM	3:30 PM	30	30	PASS	PO	X		
P-282/P-283	D811 / D813	06/21/15	3:32 PM	3:37 PM	31	31	PASS	PO	X		
P-282/P-283	D 813 / D814	06/21/15	-	-	0	0	FAIL	PO	X		Seam Capped
P-282/P-283	D 814 / E EOS	06/21/15	4:42 PM	4:47 PM	35	35	PASS	PO		X	
P-283/P-285	W EOS / D817	06/21/15	3:28 PM	3:33 PM	31	31	PASS	PO	X		
P-283/P-285	D817 / E EOS	06/21/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-285/P-289	W EOS / E EOS	06/21/15	3:52 PM	3:57 PM	35	32	PASS	PO		X	
P-288/P-289	S EOS / N EOS	06/21/15	3:52 PM	3:57 PM	35	34	PASS	PO		X	
P-289/P-290	W EOS / E EOS	06/21/15	3:54 PM	3:59 PM	31	30	PASS	PO		X	
P-285/P-288	E EOS / W EOS	06/21/15	4:04 PM	4:09 PM	30	30	PASS	PO		X	
P-287/P-288	S EOS / N EOS	06/21/15	4:08 PM	4:13 PM	34	34	PASS	PO		X	
P-290/P-294	E EOS / D853	06/22/15	2:11 PM	2:16 PM	31	30	PASS	PO	X		

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-290/P-294	D853 / W EOS	06/22/15	2:16 PM	2:21 PM	34	34	PASS	PO		X	
P-293/P-294	S EOS / N EOS	06/22/15	2:20 PM	2:25 PM	30	29	PASS	PO		X	
P-290/P-293	E EOS / D855	06/22/15	2:23 PM	2:28 PM	30	29	PASS	PO	X		
P-290/P-293	D855 / W EOS	06/22/15	2:27 PM	2:32 PM	35	35	PASS	PO		X	
P-292/P-293	S EOS / N EOS	06/22/15	2:28 PM	2:33 PM	35	35	PASS	PO		X	
P-290/P-292	E EOS / D858	06/22/15	2:29 PM	2:34 PM	32	32	PASS	PO	X		
P-290/P-292	D858 / W EOS	06/22/15	2:35 PM	2:40 PM	35	35	PASS	PO		X	
P-291/P-292	S EOS / N EOS	06/22/15	2:36 PM	2:41 PM	35	34	PASS	PO		X	
P-290/P-291	E EOS / W EOS	06/22/15	2:36 PM	2:41 PM	35	35	PASS	PO		X	
P-291/P-295	W EOS / E EOS	06/22/15	4:48 PM	4:53 PM	30	30	PASS	PO		X	
P-292/P-295	W EOS / E EOS	06/22/15	4:48 PM	4:53 PM	35	35	PASS	PO		X	
P-295/P-297	W EOS / E EOS	06/22/15	4:53 PM	4:58 PM	35	33	PASS	PO		X	
P-295/P-296	W EOS / E EOS	06/22/15	5:01 PM	5:06 PM	30	29	PASS	PO		X	
P-296/P-297	W EOS / E EOS	06/22/15	5:01 PM	5:06 PM	30	30	PASS	PO		X	
P-293/P-295	W EOS / E EOS	06/22/15	5:02 PM	5:07 PM	34	33	PASS	PO		X	
P-294/P-295	W EOS / E EOS	06/22/15	5:11 PM	5:16 PM	35	34	PASS	PO		X	
P-297/P-298	E EOS / W EOS	06/22/15	5:18 PM	5:23 PM	35	35	PASS	PO		X	
P-268/P-304	E EOS / D891	06/23/15	12:51 PM	12:56 PM	35	34	PASS	KS	X		
P-268/P-304	D891 / D892	06/23/15	-	-	0	0	FAIL	KS	X		Seam Capped
P-268/P-304	D892 / W EOS	06/23/15	1:56 PM	2:01 PM	35	34	PASS	KS		X	
P-301/P-302	E EOS / D903	06/23/15	-	-	0	0	FAIL	KS	X		Seam Capped
P-301/P-302	D903 / D896	06/23/15	11:24 AM	11:29 AM	35	33	PASS	KS	X		
P-301/P-302	D896 / D895	06/23/15	12:08 PM	12:13 PM	32	32	PASS	KS	X		
P-301/P-302	D895 / W EOS	06/23/15	11:54 AM	11:59 AM	32	32	PASS	KS		X	
P-303/P-304	S EOS / N EOS	06/23/15	2:04 PM	2:09 PM	32	32	PASS	KS		X	
P-299/P-305	E EOS / W EOS	06/23/15	2:16 PM	2:21 PM	32	32	PASS	KS		X	
P-268/P-305	E EOS / W EOS	06/23/15	2:25 PM	2:30 PM	34	34	PASS	KS		X	
P-299/P-300	E EOS / W EOS	06/23/15	11:22 AM	11:27 AM	30	28	PASS	KS		X	
P-300/P-301	E EOS / W EOS	06/23/15	11:17 AM	11:22 AM	33	32	PASS	KS		X	
P-302/P-303	E EOS / W EOS	06/23/15	11:30 AM	11:35 AM	34	32	PASS	KS		X	
P-268/P-300	E EOS / W EOS	06/23/15	11:33 AM	11:38 AM	32	32	PASS	KS		X	
P-268/P-299	W EOS / E EOS	06/23/15	11:50 AM	11:55 AM	30	28	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-268/P-301	E EOS / W EOS	06/23/15	12:18 PM	12:23 PM	33	30	PASS	KS		X	
P-268/P-302	E EOS / W EOS	06/23/15	12:36 PM	12:41 PM	30	30	PASS	KS		X	
P-302/P-304	W EOS / E EOS	06/23/15	12:44 PM	12:49 PM	34	32	PASS	KS		X	
P-298/P-306	E EOS / W EOS	06/24/15	9:42 AM	9:47 AM	30	30	PASS	PO		X	
P-306/P-307	E EOS / W EOS	06/24/15	9:43 AM	9:48 AM	30	28	PASS	PO		X	
P-307/P-308	E EOS / W EOS	06/24/15	9:44 AM	9:49 AM	30	30	PASS	PO		X	
P-308/P-309	E EOS / D913	06/24/15	9:45 AM	9:50 AM	30	30	PASS	PO	X		
P-308/P-309	D913 / D912	06/24/15	10:03 AM	10:08 AM	30	30	PASS	PO	X		
P-308/P-309	D912 / W EOS	06/24/15	10:03 AM	10:08 AM	30	28	PASS	PO		X	
P-309/P-310	E EOS / W EOS	06/24/15	9:46 AM	9:51 AM	30	30	PASS	PO		X	
P-310/P-311	E EOS / W EOS	06/24/15	10:09 AM	10:14 AM	30	30	PASS	PO		X	
P-311/P-312	E EOS / D916	06/24/15	1:23 PM	1:28 PM	30	30	PASS	PO	X		
P-311/P-312	D916 / W EOS	06/24/15	1:45 PM	1:50 PM	30	28	PASS	PO		X	
P-312/P-313	E EOS / W EOS	06/24/15	1:24 PM	1:29 PM	30	30	PASS	PO		X	
P-313/P-314	E EOS / D919	06/24/15	1:25 PM	1:30 PM	30	30	PASS	PO	X		
P-313/P-314	D919 / D921	06/24/15	1:25 PM	1:30 PM	30	30	PASS	PO	X		
P-313/P-314	D921 / W EOS	06/24/15	1:48 PM	1:53 PM	30	28	PASS	PO		X	
P-314/P-315	E EOS / D922	06/24/15	1:29 PM	1:34 PM	30	28	PASS	PO	X		
P-314/P-315	D922 / D920	06/24/15	1:29 PM	1:34 PM	30	30	PASS	PO	X		
P-314/P-315	D920 / W EOS	06/24/15	1:49 PM	1:54 PM	30	30	PASS	PO		X	
P-315/P-316	W EOS / E EOS	06/24/15	2:00 PM	2:05 PM	30	28	PASS	PO		X	
P-316/P-317	W EOS / E EOS	06/24/15	2:14 PM	2:19 PM	30	30	PASS	PO		X	
P-317/P-318	E EOS / W EOS	06/24/15	3:42 PM	3:47 PM	30	30	PASS	PO		X	
P-318/P-319	E EOS / D926	06/24/15	3:42 PM	3:47 PM	30	30	PASS	PO	X		
P-318/P-319	D926 / W EOS	06/24/15	3:43 PM	3:48 PM	30	30	PASS	PO		X	
P-317/P-319	W EOS / E EOS	06/24/15	3:41 PM	3:46 PM	30	30	PASS	PO		X	
P-315/P-317	W EOS / E EOS	06/24/15	3:46 PM	3:45 PM	30	30	PASS	PO		X	
P-319/P-320	E EOS / W EOS	06/25/15	1:47 PM	1:52 PM	30	30	PASS	PO		X	
P-320/P-321	E EOS / W EOS	06/25/15	1:47 PM	1:52 PM	30	30	PASS	PO		X	
P-319/P-321	W EOS / E EOS	06/25/15	1:47 PM	1:52 PM	30	30	PASS	PO		X	
P-321/P-322	E EOS / W EOS	06/25/15	1:49 PM	1:54 PM	30	30	PASS	PO		X	
P-322/P-323	E EOS / W EOS	06/25/15	1:54 PM	1:59 PM	30	30	PASS	PO		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-321/P-323	W EOS / D950	06/25/15	1:49 PM	1:54 PM	30	30	PASS	PO	X		
P-321/P-323	D950 / E EOS	06/25/15	10:26 AM	10:31 AM	35	34	PASS	PO		X	
P-323/P-324	E EOS / W EOS	06/25/15	10:10 AM	10:15 AM	35	35	PASS	PO		X	
P-324/P-325	E EOS / W EOS	06/25/15	10:10 AM	10:15 AM	35	35	PASS	PO		X	
P-323/P-325	W EOS / D886	06/25/15	10:15 AM	10:20 AM	31	29	PASS	PO	X		
P-323/P-325	D886 / D887	06/25/15	-	-	0	0	FAIL	PO	X		Seam Capped
P-323/P-325	D887 / E EOS	06/25/15	10:33 AM	10:38 AM	30	28	PASS	PO		X	
P-325/P-327	E EOS / D995	06/25/15	10:37 AM	10:42 AM	35	33	PASS	PO	X		
P-325/P-327	D955 / W EOS	06/25/15	10:44 AM	10:49 AM	35	35	PASS	PO		X	
P-325/P-326	E EOS / W EOS	06/25/15	10:47 AM	10:52 AM	35	33	PASS	PO		X	
P-326/P-327	E EOS / D957	06/25/15	10:50 AM	10:55 AM	35	35	PASS	PO	X		
P-326/P-327	D957 / W EOS	06/25/15	10:56 AM	11:01 AM	35	35	PASS	PO		X	
P-329/P-330	S EOS / N EOS	06/25/15	11:22 AM	11:27 AM	35	34	PASS	PO		X	
P-327/P-330	E EOS / W EOS	06/25/15	11:22 AM	11:27 AM	35	35	PASS	PO		X	
P-327/P-329	W EOS / E EOS	06/25/15	11:24 AM	11:29 AM	35	35	PASS	PO		X	
P-328/P-339	W EOS / E EOS	06/25/15	12:49 PM	12:54 PM	35	34	PASS	PO		X	
P-338/P-339	W EOS / E EOS	06/25/15	12:51 PM	12:56 PM	35	34	PASS	PO		X	
P-328/P-338	W EOS / E EOS	06/26/15	12:51 PM	12:56 PM	35	35	PASS	PO		X	
P-337/P-338	S EOS / N EOS	06/26/15	12:53 PM	12:58 PM	35	35	PASS	PO		X	
P-336/P-337	W EOS / E EOS	06/26/15	12:57 PM	1:02 PM	35	34	PASS	PO		X	
P-335/P-337	S EOS / N EOS	06/26/15	1:08 PM	1:13 PM	35	34	PASS	PO		X	
P-335/P-336	N EOS / S EOS	06/26/15	1:08 PM	1:13 PM	35	35	PASS	PO		X	
P-334/P-335	W EOS / E EOS	06/26/15	1:09 PM	1:14 PM	32	32	PASS	PO		X	
P-328/P-336	W EOS / D975	06/26/15	1:18 PM	1:23 PM	35	35	PASS	PO	X		
P-328/P-336	D975 / E EOS	06/26/15	1:21 PM	1:26 PM	35	33	PASS	PO		X	
P-328/P-334	W EOS / E EOS	06/26/15	1:26 PM	1:31 PM	32	32	PASS	PO		X	
P-333/P-334	N EOS / S EOS	06/26/15	1:33 PM	1:38 PM	35	35	PASS	PO		X	
P-333/P-335	S EOS / N EOS	06/26/15	1:33 PM	1:38 PM	34	33	PASS	PO		X	
P-327/P-328	W EOS / E EOS	06/26/15	1:40 PM	1:45 PM	30	29	PASS	PO		X	
P-327/P-334	W EOS / E EOS	06/26/15	1:44 PM	1:49 PM	35	33	PASS	PO		X	
P-327/P-333	W EOS / E EOS	06/26/15	1:46 PM	1:51 PM	35	34	PASS	PO		X	
P-331/P-333	S EOS / N EOS	06/26/15	1:57 PM	2:02 PM	30	29	PASS	PO		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-330/P-331	W EOS / E EOS	06/26/15	2:00 PM	2:05 PM	30	29	PASS	PO		X	
P-329/P-331	N EOS / S EOS	06/26/15	1:53 PM	1:58 PM	35	35	PASS	PO		X	
P-331/P-332	W EOS / E EOS	06/26/15	1:52 PM	1:57 PM	35	35	PASS	PO		X	
P-329/P-332	N EOS / S EOS	06/26/15	1:52 PM	1:57 PM	35	35	PASS	PO		X	
P-332/P-333	N EOS / S EOS	06/26/15	2:13 PM	2:18 PM	35	35	PASS	PO		X	
P-329/P-340	S EOS / D980	06/26/15	2:46 PM	2:51 PM	33	33	PASS	PO	X		
P-329/P-340	D980 / D989	06/26/15	-	-	0	0	FAIL		X		Seam Capped
P-329/P-340	D989 / N EOS	06/27/15	9:35 AM	9:40 AM	32	32	PASS	BM		X	
P-327/P-340	W EOS / E EOS	06/25/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-340/P-342	S EOS / N EOS	06/27/15	8:19 AM	8:24 AM	35	34	PASS	BM		X	
P-341/P-342	N EOS / S EOS	06/27/15	8:28 AM	8:33 AM	32	32	PASS	BM		X	
P-340/P-341	E EOS / W EOS	06/27/15	8:29 AM	8:34 AM	36	36	PASS	BM		X	
P-343/P-344	S EOS / D979	06/27/15	8:53 AM	8:58 AM	33	33	PASS	BM	X		
P-343/P-344	D979 / N EOS	06/27/15	8:55 AM	9:00 AM	36	36	PASS	BM		X	
P-342/P-343	S EOS / N EOS	06/27/15	9:04 AM	9:09 AM	36	36	PASS	BM		X	
P-327/P-341	S EOS / N EOS	06/27/15	9:52 AM	9:57 AM	30	28	PASS	BM		X	
P-303/P-346	E EOS / W EOS	06/28/15	8:08 AM	8:13 AM	35	35	PASS	PO		X	
P-268/P-346	E EOS / D1004	06/27/15	4:19 PM	4:24 PM	35	35	PASS	PO	X		
P-268/P-346	D1004 / W EOS	06/27/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-346/P-347	W EOS / E EOS	06/27/15	4:23 PM	4:28 PM	35	35	PASS	PO		X	
P-268/P-347	W EOS / E EOS	06/27/15	4:29 PM	4:34 PM	30	30	PASS	PO		X	
P-347/P-348	W EOS / E EOS	06/27/15	4:31 PM	4:36 PM	30	30	PASS	PO		X	
P-348/P-349	W EOS / E EOS	06/27/15	4:36 PM	4:41 PM	30	30	PASS	PO		X	
P-304/P-346	W EOS / E EOS	06/27/15	4:46 PM	4:51 PM	30	30	PASS	PO		X	
P-349/P-350	E EOS / W EOS	06/28/15	8:08 AM	8:13 AM	35	35	PASS	PO		X	
P-350/P-351	E EOS / W EOS	06/28/15	9:50 AM	9:55 AM	32	32	PASS	PO		X	
P-351/P-352	E EOS / W EOS	06/28/15	9:52 AM	9:57 AM	32	30	PASS	PO		X	
P-352/P-354	E EOS / W EOS	06/28/15	9:54 AM	9:59 AM	35	35	PASS	PO		X	
P-352/P-353	S EOS / N EOS	06/28/15	10:01 AM	10:06 AM	35	34	PASS	PO		X	
P-351/P-353	E EOS / W EOS	06/28/15	10:11 AM	10:16 AM	35	35	PASS	PO		X	
P-353/P-354	E EOS / W EOS	06/28/15	10:14 AM	10:19 AM	34	34	PASS	PO		X	
P-354/P-356	E EOS / W EOS	06/28/15	10:25 AM	10:30 AM	35	35	PASS	PO		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-355/P-356	S EOS / N EOS	06/28/15	10:35 AM	10:40 AM	32	32	PASS	PO		X	
P-356/P-357	E EOS / W EOS	06/28/15	10:59 AM	11:04 AM	30	29	PASS	PO		X	
P-355/P-357	W EOS / E EOS	06/28/15	10:59 AM	11:04 AM	30	28	PASS	PO		X	
P-354/P-355	E EOS / W EOS	06/28/15	11:03 AM	11:08 AM	35	35	PASS	PO		X	
P-357/P-358	E EOS / W EOS	06/28/15	11:06 AM	11:11 AM	35	34	PASS	PO		X	
P-359/P-361	E EOS / W EOS	06/29/15	8:33 AM	8:38 AM	34	33	PASS	PO		X	
P-362/P-363	S EOS / N EOS	06/29/15	11:25 AM	11:30 AM	35	35	PASS	PO		X	
P-361/P-363	E EOS / W EOS	06/29/15	11:25 AM	11:30 AM	35	35	PASS	PO		X	
P-361/P-362	W EOS / E EOS	06/29/15	11:28 AM	11:33 AM	35	35	PASS	PO		X	
P-363/P-364	E EOS / W EOS	06/29/15	11:33 AM	11:38 AM	35	35	PASS	PO		X	
P-362/P-364	W EOS / D1047	06/29/15	11:34 AM	11:39 AM	31	30	PASS	PO	X		
P-362/P-364	D1047 / E EOS	06/29/15	12:12 PM	12:17 PM	32	32	PASS	PO		X	
P-364/P-366	E EOS / W EOS	06/29/15	11:35 AM	11:40 AM	35	34	PASS	PO		X	
P-365/P-366	S EOS / N EOS	06/29/15	11:34 AM	11:39 AM	31	31	PASS	PO		X	
P-364/P-365	W EOS / E EOS	06/29/15	11:36 AM	11:41 AM	34	33	PASS	PO		X	
P-365/P-367	W EOS / E EOS	06/29/15	11:52 AM	11:57 AM	35	34	PASS	PO		X	
P-366/P-367	E EOS / D1044	06/29/15	12:04 PM	12:09 PM	35	35	PASS	PO	X		
P-366/P-367	D1044 / W EOS	06/29/15	12:07 PM	12:12 PM	33	33	PASS	PO		X	
P-367/P-369	E EOS / W EOS	06/29/15	11:54 AM	11:59 AM	35	35	PASS	PO		X	
P-367/P-368	W EOS / E EOS	06/29/15	11:55 AM	12:00 PM	32	32	PASS	PO		X	
P-369/P-370	E EOS / W EOS	06/29/15	1:38 PM	1:43 PM	31	29	PASS	PO		X	
P-368/P-369	S EOS / N EOS	06/29/15	1:41 PM	1:46 PM	32	32	PASS	PO		X	
P-368/P-370	W EOS / E EOS	06/29/15	1:42 PM	1:47 PM	32	32	PASS	PO		X	
P-370/P-372	E EOS / D1049	06/29/15	1:44 PM	1:49 PM	35	33	PASS	PO	X		
P-370/P-372	D1049 / W EOS	06/29/15	1:55 PM	2:00 PM	35	35	PASS	PO		X	
P-371/P-372	S EOS / N EOS	06/29/15	1:53 PM	1:58 PM	35	35	PASS	PO		X	
P-370/P-371	W EOS / D1055	06/29/15	1:47 PM	1:52 PM	32	31	PASS	PO	X		
P-370/P-371	D1055 / E EOS	06/29/15	2:11 PM	2:16 PM	35	35	PASS	PO		X	
P-372/P-373	E EOS / W EOS	06/29/15	1:59 PM	2:04 PM	32	32	PASS	PO		X	
P-371/P-373	W EOS / D1054	06/29/15	2:06 PM	2:11 PM	32	31	PASS	PO	X		
P-371/P-373	D1054 / E EOS	06/29/15	2:14 PM	2:19 PM	34	34	PASS	PO		X	
P-358/P-359	E EOS / W EOS	06/29/15	8:04 AM	8:09 AM	34	34	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-359/P-360	E EOS / W EOS	06/29/15	8:33 AM	8:38 AM	34	34	PASS	GA		X	
P-360/P-361	E EOS / W EOS	06/29/15	8:20 AM	8:25 AM	30	29	PASS	GA		X	
P-357/P-359	E EOS / W EOS	06/29/15	8:36 AM	8:41 AM	30	29	PASS	GA		X	
P-374/P-375	E EOS / W EOS	06/29/15	2:52 PM	2:57 PM	32	32	PASS	PO		X	
P-373/P-374	E EOS / W EOS	06/29/15	3:00 PM	3:05 PM	30	28	PASS	PO		X	
P-374/P-376	E EOS / W EOS	06/29/15	3:33 PM	3:38 PM	35	35	PASS	PO		X	
P-375/P-376	S EOS / N EOS	06/29/15	3:34 PM	3:39 PM	35	32	PASS	PO		X	
P-376/P-377	E EOS / W EOS	06/29/15	3:44 PM	3:49 PM	35	35	PASS	PO		X	
P-375/P-377	W EOS / D1061	06/29/15	3:48 PM	3:53 PM	35	35	PASS	PO	X		
P-375/P-377	D1061 / E EOS	06/29/15	4:08 PM	4:13 PM	35	35	PASS	PO		X	
P-377/P-379	E EOS / W EOS	06/29/15	3:54 PM	3:59 PM	34	34	PASS	PO		X	
P-378/P-379	S EOS / N EOS	06/29/15	3:57 PM	4:02 PM	35	35	PASS	PO		X	
P-377/P-378	W EOS / E EOS	06/29/15	4:03 PM	4:08 PM	35	35	PASS	PO		X	
P-344/P-345	S EOS / D1118	06/30/15	2:10 PM	2:15 PM	30	30	PASS	PO	X		
P-344/P-345	D1118 / N EOS	06/30/15	2:15 PM	2:20 PM	30	30	PASS	PO		X	
P-345/P-380	S EOS / D1094	06/30/15	2:13 PM	2:18 PM	35	35	PASS	PO	X		
P-345/P-380	D1094 / N EOS	06/30/15	2:13 PM	2:18 PM	30	29	PASS	PO	X		
P-380/P-382	S EOS / N EOS	06/30/15	2:21 PM	2:26 PM	40	40	PASS	PO		X	
P-380/P-381	S EOS / N EOS	06/30/15	2:21 PM	2:26 PM	30	28	PASS	PO		X	
P-381/P-382	W EOS / E EOS	06/30/15	2:22 PM	2:27 PM	35	34	PASS	PO		X	
P-381/P-383	S EOS / N EOS	06/30/15	2:23 PM	2:28 PM	34	32	PASS	PO		X	
P-382/P-383	S EOS / N EOS	06/30/15	-	-	0	0	FAIL	PO		X	Seam Capped
P-383/P-384	S EOS / N EOS	06/30/15	2:34 PM	2:39 PM	34	34	PASS	BM		X	
P-384/P-385	S EOS / N EOS	06/30/15	2:35 PM	2:40 PM	36	36	PASS	BM		X	
P-385/P-386	S EOS / N EOS	06/30/15	2:36 PM	2:41 PM	35	34	PASS	BM		X	
P-386/P-387	S EOS / N EOS	06/30/15	2:37 PM	2:42 PM	35	35	PASS	BM		X	
P-387/P-388	S EOS / N EOS	06/30/15	2:38 PM	2:43 PM	35	34	PASS	BM		X	
P-388/P-389	S EOS / N EOS	06/30/15	2:49 PM	2:54 PM	36	35	PASS	BM		X	
P-389/P-390	S EOS / N EOS	06/30/15	2:50 PM	2:55 PM	32	32	PASS	BM		X	
P-390/P-391	S EOS / N EOS	06/30/15	2:51 PM	2:56 PM	32	32	PASS	BM		X	
P-391/P-392	S EOS / N EOS	06/30/15	2:59 PM	3:04 PM	35	35	PASS	BM		X	
P-392/P-393	S EOS / N EOS	06/30/15	3:00 PM	3:05 PM	34	34	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-393/P-394	S EOS / N EOS	06/30/15	4:34 PM	4:39 PM	56	55	PASS	BM		X	
P-394/P-395	S EOS / N EOS	06/30/15	3:27 PM	3:32 PM	32	32	PASS	BM		X	
P-395/P-396	S EOS / N EOS	06/30/15	3:27 PM	3:34 PM	34	34	PASS	BM		X	
P-396/P-397	S EOS / N EOS	06/30/15	3:30 PM	3:35 PM	34	34	PASS	BM		X	
P-397/P-398	S EOS / N EOS	06/30/15	3:31 PM	3:36 PM	40	40	PASS	BM		X	
P-398/P-399	S EOS / N EOS	06/30/15	3:39 PM	3:44 PM	32	32	PASS	BM		X	
P-399/P-400	S EOS / N EOS	06/30/15	3:40 PM	3:45 PM	32	30	PASS	BM		X	
P-400/P-401	S EOS / N EOS	06/30/15	3:41 PM	1:46 PM	32	32	PASS	BM		X	
P-401/P-402	S EOS / D1136	06/30/15	3:45 PM	3:50 PM	32	32	PASS	BM	X		
P-401/P-402	D1136 / N EOS	06/30/15	3:54 PM	3:59 PM	30	30	PASS	BM		X	
P-402/P-403	S EOS / N EOS	06/30/15	3:56 PM	4:01 PM	36	34	PASS	BM		X	
P-403/P-404	S EOS / N EOS	06/30/15	3:56 PM	4:01 PM	32	30	PASS	BM		X	
P-404/P-405	S EOS / N EOS	06/30/15	4:57 PM	5:02 PM	40	38	PASS	BM		X	
P-405/P-406	S EOS / N EOS	06/30/15	4:58 PM	5:03 PM	40	40	PASS	BM		X	
P-406/P-407	S EOS / N EOS	06/30/15	4:58 PM	5:03 PM	40	40	PASS	BM		X	
P-407/P-408	W EOS / E EOS	06/30/15	4:59 PM	5:04 PM	30	28	PASS	BM		X	
P-408/P-409	W EOS / E EOS	06/30/15	5:08 PM	5:12 PM	34	32	PASS	BM		X	
P-409/P-410	W EOS / E EOS	06/30/15	5:08 PM	5:13 PM	34	33	PASS	BM		X	
P-410/P-411	W EOS / E EOS	06/30/15	5:08 PM	5:13 PM	34	32	PASS	BM		X	
P-378/P-412	E EOS / D1176	07/02/15	8:00 AM	8:05 AM	35	35	PASS	PO	X		
P-378/P-412	D1176 / D1180	07/02/15	8:03 AM	8:08 AM	35	35	PASS	PO	X		
P-378/P-412	D1180 / W EOS	07/02/15	8:07 AM	8:12 AM	35	35	PASS	PO		X	
P-379/P-412	E EOS / W EOS	07/02/15	8:12 AM	8:17 AM	35	35	PASS	PO		X	
P-412/P-414	E EOS / W EOS	07/02/15	8:21 AM	8:26 AM	35	35	PASS	PO		X	
P-412/P-413	W EOS / E EOS	07/02/15	8:15 AM	8:20 AM	35	34	PASS	PO		X	
P-413/P-414	S EOS / N EOS	07/02/15	8:20 AM	8:25 AM	35	35	PASS	PO		X	
P-414/P-415	E EOS / W EOS	07/02/15	8:23 AM	8:28 AM	35	35	PASS	PO		X	
P-413/P-415	W EOS / E EOS	07/02/15	8:30 AM	8:35 AM	30	29	PASS	PO		X	
P-415/P-417	E EOS / W EOS	07/02/15	8:35 AM	8:40 AM	35	35	PASS	PO		X	
P-415/P-416	W EOS / E EOS	07/02/15	8:36 AM	8:41 AM	35	35	PASS	PO		X	
P-416/P-417	S EOS / N EOS	07/02/15	8:37 AM	8:42 AM	35	35	PASS	PO		X	
P-416/P-418	W EOS / E EOS	07/02/15	8:42 AM	8:47 AM	35	35	PASS	PO		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-417/P-418	E EOS / W EOS	07/02/15	8:47 AM	8:52 AM	35	35	PASS	PO		X	Covered by P-427
P-418/P-419	E EOS / W EOS	07/02/15	9:02 AM	9:07 AM	35	35	PASS	PO		X	
P-419/P-420	W EOS / E EOS	07/02/15	9:14 AM	9:19 AM	35	34	PASS	PO		X	
P-420/P-422	E EOS / W EOS	07/10/15	1:25 PM	1:30 PM	30	29	PASS	BM		X	
P-422/P-423	E EOS / W EOS	07/10/15	1:25 PM	1:30 PM	30	30	PASS	BM		X	
P-423/P-424	E EOS / W EOS	07/10/15	1:26 PM	1:31 PM	35	34	PASS	BM		X	
P-424/P-425	E EOS / W EOS	07/10/15	1:26 PM	1:31 PM	30	28	PASS	BM		X	
P-425/P-426	E EOS / W EOS	07/10/15	2:57 PM	3:02 PM	30	30	PASS	BM		X	
P-419/P-427	S EOS / N EOS	07/10/15	3:40 PM	3:45 PM	38	36	PASS	BM		X	
P-421/P-427	N EOS / S EOS	07/10/15	3:40 PM	3:45 PM	30	30	PASS	BM		X	
P-418/P-427	S EOS / N EOS	07/10/15	3:41 PM	3:46 PM	38	38	PASS	BM		X	
P-416/P-427	E EOS / W EOS	07/10/15	3:41 PM	3:46 PM	30	28	PASS	BM		X	
P-417/P-427	W EOS / E EOS	07/10/15	3:46 PM	3:51 PM	32	32	PASS	BM	X		Split Seam
P-417/P-427	S EOS / N EOS	07/10/15	3:46 PM	3:51 PM	34	34	PASS	BM		X	Split Seam
P-427/P-428	W EOS / E EOS	07/10/15	3:53 PM	3:58 PM	32	32	PASS	BM		X	
P-417/P-428	E EOS / W EOS	07/10/15	3:53 PM	3:58 PM	30	30	PASS	BM		X	
P-430/P-431	E EOS / W EOS	07/10/15	4:02 PM	4:07 PM	30	30	PASS	BM		X	
P-429/P-431	S EOS / N EOS	07/10/15	4:02 PM	4:07 PM	30	30	PASS	BM		X	
P-429/P-430	N EOS / S EOS	07/10/15	4:02 PM	4:07 PM	32	32	PASS	BM		X	
P-428/P-429	S EOS / N EOS	07/10/15	3:56 PM	4:01 PM	40	38	PASS	BM		X	
P-415/P-429	E EOS / W EOS	07/10/15	3:56 PM	4:01 PM	32	32	PASS	BM		X	
P-430/P-432	S EOS / N EOS	07/10/15	4:58 PM	5:03 PM	40	40	PASS	BM		X	
P-414/P-430	W EOS / E EOS	07/10/15	4:58 PM	5:03 PM	32	32	PASS	BM		X	
P-412/P-432	E EOS / W EOS	07/10/15	4:58 PM	5:03 PM	40	40	PASS	BM		X	
P-431/P-432	N EOS / S EOS	07/10/15	5:11 PM	5:16 PM	30	30	PASS	BM		X	
P-432/P-433	E EOS / W EOS	07/10/15	5:11 PM	5:16 PM	30	30	PASS	BM		X	
P-431/P-433	S EOS / N EOS	07/10/15	5:11 PM	5:16 PM	30	30	PASS	BM		X	
P-431/P-434	E EOS / W EOS	07/10/15	5:13 PM	5:18 PM	30	30	PASS	BM		X	
P-429/P-434	W EOS / E EOS	07/10/15	5:13 PM	5:18 PM	30	28	PASS	BM		X	
P-428/P-434	E EOS / W EOS	07/10/15	5:21 PM	5:26 PM	35	35	PASS	BM		X	
P-427/P-434	W EOS / E EOS	07/10/15	5:21 PM	5:26 PM	30	30	PASS	BM		X	
P-420/P-434	N EOS / S EOS	07/10/15	5:23 PM	5:28 PM	32	32	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-434/P-435	E EOS / W EOS	07/10/15	5:23 PM	5:28 PM	32	32	PASS	BM		X	
P-422/P-435	S EOS / N EOS	07/10/15	5:23 PM	5:28 PM	30	30	PASS	BM		X	
P-435/P-436	E EOS / W EOS	07/10/15	5:28 PM	5:33 PM	30	30	PASS	BM		X	
P-423/P-436	S EOS / N EOS	07/10/15	5:28 PM	5:33 PM	30	28	PASS	BM		X	
P-436/P-437	E EOS / W EOS	07/10/15	5:37 PM	5:42 PM	30	28	PASS	BM		X	
P-424/P-437	S EOS / N EOS	07/10/15	5:37 PM	5:42 PM	40	38	PASS	BM		X	
P-437/P-439	E EOS / W EOS	07/10/15	5:54 PM	5:59 PM	30	30	PASS	BM		X	
P-438/P-439	S EOS / N EOS	07/10/15	5:54 PM	5:59 PM	32	31	PASS	BM		X	
P-437/P-438	W EOS / E EOS	07/10/15	5:54 PM	5:59 PM	32	30	PASS	BM		X	
P-439/P-441	E EOS / W EOS	07/10/15	5:57 PM	6:02 PM	32	31	PASS	BM		X	
P-438/P-441	W EOS / E EOS	07/10/15	5:57 PM	6:02 PM	30	30	PASS	BM		X	
P-441/P-442	N EOS / S EOS	07/10/15	6:16 PM	6:21 PM	30	28	PASS	KS		X	
P-425/P-438	S EOS / N EOS	07/10/15	6:16 PM	6:21 PM	32	31	PASS	KS		X	
P-425/P-442	E EOS / W EOS	07/10/15	6:17 PM	6:22 PM	30	30	PASS	KS		X	
P-426/P-442	S EOS / N EOS	07/10/15	6:17 PM	6:22 PM	30	28	PASS	KS		X	
P-440/P-442	W EOS / E EOS	07/10/15	6:24 PM	6:29 PM	40	38	PASS	KS		X	
P-426/P-440	E EOS / W EOS	07/10/15	6:24 PM	6:29 PM	40	38	PASS	KS		X	
P-432/P-443	N EOS / S EOS	07/11/15	9:06 AM	9:11 AM	35	35	PASS	BM		X	
P-433/P-443	S EOS / N EOS	07/11/15	9:06 AM	9:11 AM	34	34	PASS	BM		X	
P-443/P-444	N EOS / S EOS	07/11/15	9:07 AM	9:12 AM	32	30	PASS	BM		X	
P-444/P-445	N EOS / S EOS	07/11/15	9:07 AM	9:12 AM	40	40	PASS	BM		X	
P-445/P-446	N EOS / S EOS	07/11/15	9:08 AM	9:13 AM	40	38	PASS	BM		X	
P-446/P-447	N EOS / D1244	07/11/15	10:18 AM	10:23 AM	30	28	PASS	KS	X		
P-446/P-447	D1244 / S EOS	07/11/15	10:17 AM	10:22 AM	34	34	PASS	KS		X	
P-447/P-448	N EOS / S EOS	07/11/15	10:18 AM	10:23 AM	30	28	PASS	KS		X	
P-448/P-449	N EOS / S EOS	07/11/15	10:19 AM	10:24 AM	35	33	PASS	KS		X	
P-449/P-450	N EOS / S EOS	07/11/15	10:19 AM	10:24 AM	32	30	PASS	KS		X	
P-450/P-451	N EOS / S EOS	07/11/15	10:28 AM	10:33 AM	30	30	PASS	KS		X	
P-433/P-452	E EOS / W EOS	07/11/15	11:56 AM	12:01 PM	35	33	PASS	KS		X	
P-443/P-452	E EOS / W EOS	07/11/15	11:56 AM	12:01 PM	30	28	PASS	KS		X	
P-444/P-452	E EOS / W EOS	07/11/15	11:56 AM	12:01 PM	30	28	PASS	KS		X	
P-452/P-453	E EOS / W EOS	07/11/15	11:57 AM	12:02 PM	32	30	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-453/P-455	N EOS / S EOS	07/11/15	11:57 AM	12:02 PM	30	28	PASS	KS		X	
P-455/P-457	W EOS / E EOS	07/11/15	12:06 PM	12:11 PM	30	30	PASS	KS		X	
P-453/P-457	E EOS / W EOS	07/11/15	12:06 PM	12:11 PM	40	38	PASS	KS		X	
P-454/P-457	N EOS / S EOS	07/11/15	12:08 PM	12:13 PM	30	30	PASS	KS		X	
P-453/P-454	E EOS / W EOS	07/11/15	12:08 PM	12:13 PM	30	30	PASS	KS		X	
P-454/P-458	E EOS / W EOS	07/11/15	1:13 PM	1:18 PM	30	30	PASS	KS		X	
P-457/P-458	E EOS / W EOS	07/11/15	1:13 PM	1:18 PM	30	30	PASS	KS		X	
P-458/P-460	N EOS / S EOS	07/11/15	1:15 PM	1:20 PM	30	30	PASS	KS		X	
P-457/P-460	E EOS / W EOS	07/11/15	1:15 PM	1:20 PM	30	30	PASS	KS		X	
P-458/P-459	E EOS / W EOS	07/11/15	1:16 PM	1:21 PM	30	28	PASS	KS		X	
P-459/P-463	E EOS / W EOS	07/11/15	1:28 PM	1:33 PM	30	30	PASS	AF		X	
P-457/P-461	E EOS / W EOS	07/11/15	1:44 PM	1:49 PM	30	30	PASS	AF		X	
P-460/P-461	S EOS / N EOS	07/11/15	1:44 PM	1:49 PM	30	28	PASS	AF		X	
P-456/P-462	E EOS / W EOS	07/11/15	1:45 PM	1:50 PM	35	35	PASS	AF		X	
P-456/P-457	E EOS / W EOS	07/11/15	1:40 PM	1:45 PM	40	40	PASS	AF		X	
P-455/P-456	N EOS / S EOS	07/11/15	1:40 PM	1:45 PM	30	30	PASS	AF		X	
P-461/P-462	E EOS / W EOS	07/11/15	2:08 PM	2:13 PM	30	28	PASS	KS		X	
P-457/P-462	N EOS / S EOS	07/11/15	2:08 PM	2:13 PM	30	30	PASS	KS		X	
P-462/P-465	E EOS / W EOS	07/11/15	2:13 PM	2:18 PM	30	30	PASS	KS		X	
P-460/P-466	E EOS / W EOS	07/11/15	2:20 PM	2:25 PM	30	30	PASS	KS		X	
P-459/P-466	N EOS / S EOS	07/11/15	2:20 PM	2:25 PM	30	28	PASS	KS		X	
P-441/P-463	S EOS / N EOS	07/11/15	-	-	0	0	FAIL	KS		X	Seam Capped
P-439/P-459	N EOS / S EOS	07/11/15	2:40 PM	2:45 PM	30	30	PASS	KS		X	
P-437/P-458	S EOS / N EOS	07/11/15	2:43 PM	2:48 PM	30	28	PASS	KS		X	
P-436/P-454	N EOS / S EOS	07/11/15	2:43 PM	2:48 PM	30	30	PASS	KS		X	
P-435/P-453	S EOS / N EOS	07/11/15	2:45 PM	2:50 PM	35	33	PASS	KS		X	
P-434/P-452	N EOS / S EOS	07/11/15	2:45 PM	2:50 PM	30	30	PASS	KS		X	
P-431/P-452	E EOS / W EOS	07/11/15	3:00 PM	3:05 PM	30	28	PASS	BM		X	
P-445/P-464	E EOS / W EOS	07/11/15	3:58 PM	4:03 PM	30	28	PASS	BM		X	
P-452/P-464	S EOS / N EOS	07/11/15	3:58 PM	4:03 PM	30	28	PASS	BM		X	
P-455/P-464	E EOS / W EOS	07/11/15	3:58 PM	4:03 PM	32	30	PASS	BM		X	
P-446/P-464	W EOS / E EOS	07/11/15	4:00 PM	4:05 PM	34	34	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-447/P-464	E EOS / D1275	07/11/15	4:00 PM	4:05 PM	30	30	PASS	BM	X		
P-447/P-464	D1275 / W EOS	07/11/15	4:10 PM	4:15 PM	34	32	PASS	BM		X	
P-456/P-468	W EOS / E EOS	07/11/15	4:38 PM	4:43 PM	34	32	PASS	KS		X	
P-464/P-468	N EOS / S EOS	07/11/15	4:42 PM	4:47 PM	30	30	PASS	KS		X	
P-456/P-464	E EOS / W EOS	07/11/15	4:38 PM	4:43 PM	35	34	PASS	KS		X	
P-448/P-464	E EOS / W EOS	07/11/15	4:49 PM	4:54 PM	40	40	PASS	KS		X	
P-448/P-468	E EOS / W EOS	07/11/15	4:38 PM	4:43 PM	30	28	PASS	KS		X	
P-449/P-468	E EOS / D1286	07/11/15	4:38 PM	4:43 PM	38	36	PASS	KS	X		
P-449/P-468	D1286 / W EOS	07/11/15	4:44 PM	4:49 PM	34	32	PASS	KS		X	
P-452/P-455	E EOS / W EOS	07/11/15	4:50 PM	4:55 PM	38	38	PASS	KS		X	
P-450/P-456	W EOS / E EOS	07/11/15	4:59 PM	5:04 PM	38	36	PASS	KS		X	
P-450/P-467	E EOS / W EOS	07/11/15	4:59 PM	5:04 PM	38	36	PASS	KS		X	
P-456/P-467	S EOS / N EOS	07/11/15	4:59 PM	5:04 PM	32	30	PASS	KS		X	
P-462/P-467	E EOS / W EOS	07/11/15	5:02 PM	5:07 PM	32	32	PASS	KS		X	
P-451/P-469	N EOS / S EOS	07/11/15	5:11 PM	5:16 PM	30	30	PASS	KS		X	
P-451/P-467	W EOS / D1298	07/11/15	-	-	0	0	FAIL	KS	X		Seam Capped
P-451/P-467	D1298 / E EOS	07/11/15	5:18 PM	5:23 PM	35	35	PASS	KS		X	
P-469/P-470	E EOS / W EOS	07/11/15	5:58 PM	6:03 PM	32	32	PASS	KS		X	
P-467/P-469	N EOS / S EOS	07/11/15	6:31 PM	6:36 PM	35	34	PASS	KS		X	
P-470/P-471	N EOS / D1297	07/11/15	6:10 PM	6:15 PM	30	30	PASS	KS	X		
P-470/P-471	D1297 / S EOS	07/12/15	9:17 AM	9:22 AM	30	30	PASS	RB		X	
P-470/P-475	E EOS / W EOS	07/11/15	6:08 PM	6:13 PM	34	32	PASS	KS		X	
P-471/P-475	N EOS / S EOS	07/11/15	6:10 PM	6:15 PM	30	30	PASS	KS		X	
P-462/P-475	N EOS / S EOS	07/11/15	6:08 PM	6:13 PM	36	36	PASS	KS		X	
P-462/P-470	W EOS / E EOS	07/11/15	6:08 PM	6:13 PM	30	28	PASS	KS		X	
P-467/P-470	N EOS / S EOS	07/11/15	6:07 PM	6:12 PM	36	36	PASS	KS		X	
P-472/P-473	E EOS / W EOS	07/11/15	6:26 PM	6:31 PM	32	32	PASS	KS		X	
P-471/P-473	N EOS / S EOS	07/11/15	6:26 PM	6:31 PM	34	33	PASS	KS		X	
P-471/P-472	N EOS / D1319	07/11/15	6:27 PM	6:32 PM	32	30	PASS	KS	X		
P-471/P-472	D1319 / S EOS	07/11/15	6:27 PM	6:32 PM	32	31	PASS	KS		X	
P-472/P-474	N EOS / S EOS	07/11/15	6:29 PM	6:34 PM	30	30	PASS	KS		X	
P-473/P-474	N EOS / S EOS	07/11/15	6:29 PM	6:34 PM	30	30	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-474/P-476	N EOS / D1301	07/12/15	9:05 AM	9:10 AM	30	28	PASS	RB	X		
P-474/P-476	D1301 / D1303	07/12/15	9:05 AM	9:10 AM	30	30	PASS	RB	X		
P-474/P-476	D1303 / S EOS	07/12/15	9:05 AM	9:10 AM	30	30	PASS	RB		X	
P-476/P-477	W EOS / E EOS	07/12/15	10:09 AM	10:14 AM	30	30	PASS	JR		X	
P-474/P-477	S EOS / N EOS	07/12/15	10:09 AM	10:14 AM	30	30	PASS	JR		X	
P-476/P-478	N EOS / S EOS	07/12/15	10:10 AM	10:15 AM	30	29	PASS	JR		X	
P-477/P-478	N EOS / S EOS	07/12/15	10:10 AM	10:15 AM	30	30	PASS	JR		X	
P-478/P-479	N EOS / S EOS	07/12/15	10:11 AM	10:16 AM	30	29	PASS	JR		X	
P-479/P-480	N EOS / S EOS	07/12/15	10:24 AM	10:29 AM	30	30	PASS	JR		X	
P-483/P-484	W EOS / E EOS	07/12/15	2:34 PM	2:39 PM	34	32	PASS	RB		X	
P-482/P-483	W EOS / E EOS	07/12/15	2:57 PM	3:02 PM	40	38	PASS	RB		X	
P-481/P-482	W EOS / E EOS	07/12/15	2:57 PM	3:02 PM	34	32	PASS	RB		X	
P-481/P-485	W EOS / E EOS	07/12/15	2:58 PM	3:03 PM	35	35	PASS	RB		X	
P-484/P-487	W EOS / E EOS	07/12/15	3:18 PM	3:23 PM	31	30	PASS	RB		X	
P-485/P-486	W EOS / E EOS	07/12/15	3:21 PM	3:26 PM	30	30	PASS	RB		X	
P-486/P-488	W EOS / E EOS	07/12/15	3:40 PM	3:45 PM	30	28	PASS	RB		X	
P-488/P-489	E EOS / W EOS	07/12/15	4:45 PM	4:50 PM	30	30	PASS	RB		X	
P-488/P-490	W EOS / E EOS	07/12/15	4:45 PM	4:50 PM	30	29	PASS	RB		X	
P-489/P-490	S EOS / N EOS	07/12/15	4:45 PM	4:50 PM	30	30	PASS	RB		X	
P-489/P-491	E EOS / W EOS	07/12/15	4:46 PM	4:51 PM	30	30	PASS	RB		X	
P-490/P-491	W EOS / E EOS	07/12/15	4:46 PM	4:51 PM	30	30	PASS	RB		X	
P-491/P-492	E EOS / W EOS	07/12/15	4:55 PM	5:00 PM	30	30	PASS	RB		X	
P-491/P-493	W EOS / E EOS	07/12/15	4:55 PM	5:00 PM	30	29	PASS	RB		X	
P-492/P-493	S EOS / N EOS	07/12/15	4:55 PM	5:00 PM	30	30	PASS	RB		X	
P-492/P-494	E EOS / W EOS	07/13/15	11:55 AM	12:00 PM	30	28	PASS	JB		X	
P-493/P-494	W EOS / E EOS	07/13/15	11:55 AM	12:00 PM	30	28	PASS	JB		X	
P-494/P-496	W EOS / E EOS	07/13/15	11:57 AM	12:02 PM	30	28	PASS	JB		X	
P-494/P-495	E EOS / W EOS	07/13/15	11:57 AM	12:02 PM	30	28	PASS	JB		X	
P-495/P-496	S EOS / N EOS	07/13/15	12:02 PM	12:07 PM	30	28	PASS	JB		X	
P-495/P-497	E EOS / W EOS	07/13/15	12:28 PM	12:33 PM	30	28	PASS	KS		X	
P-496/P-497	E EOS / W EOS	07/13/15	2:02 PM	2:07 PM	30	29	PASS	KS		X	
P-496/P-498	E EOS / W EOS	07/13/15	2:02 PM	2:07 PM	30	30	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-497/P-498	S EOS / N EOS	07/13/15	2:02 PM	2:07 PM	30	29	PASS	KS		X	
P-499/P-500	E EOS / W EOS	07/13/15	4:13 PM	4:18 PM	30	30	PASS	KS		X	
P-497/P-499	E EOS / W EOS	07/13/15	4:14 PM	4:19 PM	30	30	PASS	KS		X	
P-498/P-499	E EOS / W EOS	07/13/15	4:26 PM	4:31 PM	30	30	PASS	KS		X	
P-501/P-502	W EOS / E EOS	07/14/15	10:00 AM	10:05 AM	30	30	PASS	AF		X	
P-502/P-503	W EOS / E EOS	07/14/15	10:01 AM	10:06 AM	30	30	PASS	AF		X	
P-500/P-501	W EOS / D1367	07/14/15	10:40 AM	10:45 AM	30	30	PASS	AF	X		
P-500/P-501	D1367 / E EOS	07/14/15	10:47 AM	10:52 AM	30	30	PASS	AF		X	
P-503/P-504	W EOS / E EOS	07/14/15	11:03 AM	11:08 AM	30	30	PASS	AF		X	
P-504/P-505	W EOS / D1366	07/14/15	11:04 AM	11:09 AM	30	30	PASS	AF	X		
P-504/P-505	D1366 / D1365	07/14/15	11:04 AM	11:09 AM	30	30	PASS	AF	X		
P-504/P-505	D1365 / E EOS	07/14/15	11:13 AM	11:18 AM	30	30	PASS	AF		X	
P-505/P-506	W EOS / E EOS	07/14/15	11:42 AM	11:47 AM	30	30	PASS	AF		X	
P-506/P-507	W EOS / E EOS	07/14/15	11:42 AM	11:47 AM	30	30	PASS	AF		X	
P-508/P-509	W EOS / E EOS	07/14/15	12:26 PM	12:31 PM	30	30	PASS	KS		X	
P-507/P-508	W EOS / E EOS	07/14/15	12:26 PM	12:31 PM	30	30	PASS	KS		X	
P-510/P-511	N EOS / S EOS	07/14/15	1:27 PM	1:32 PM	30	28	PASS	RB		X	
P-511/P-513	N EOS / S EOS	07/14/15	1:31 PM	1:36 PM	30	29	PASS	RB		X	
P-509/P-514	W EOS / E EOS	07/15/15	11:20 AM	11:25 AM	30	30	PASS	BM		X	
P-514/P-515	E EOS / W EOS	07/15/15	11:29 AM	11:34 AM	30	30	PASS	BM		X	
P-515/P-516	S EOS / N EOS	07/15/15	11:29 AM	11:34 AM	30	30	PASS	BM		X	
P-514/P-516	W EOS / D1396	07/15/15	11:29 AM	11:34 AM	30	28	PASS	BM	X		
P-514/P-516	D1396 / E EOS	07/15/15	-	-	0	0	FAIL	BM		X	Seam Capped
P-515/P-519	E EOS / W EOS	07/15/15	11:30 AM	11:35 AM	30	28	PASS	BM		X	
P-516/P-519	W EOS / E EOS	07/15/15	11:30 AM	11:35 AM	30	30	PASS	BM		X	
P-514/P-517	W EOS / E EOS	07/15/15	11:40 AM	11:45 AM	30	28	PASS	BM		X	
P-516/P-517	S EOS / N EOS	07/15/15	11:40 AM	11:45 AM	30	30	PASS	BM		X	
P-517/P-519	W EOS / E EOS	07/15/15	11:40 AM	11:45 AM	30	30	PASS	BM		X	
P-514/P-518	W EOS / E EOS	07/15/15	11:42 AM	11:47 AM	30	28	PASS	BM		X	
P-517/P-518	S EOS / N EOS	07/15/15	11:42 AM	11:47 AM	30	30	PASS	BM		X	
P-518/P-519	W EOS / E EOS	07/15/15	11:43 AM	11:48 AM	30	29	PASS	BM		X	
P-519/P-522	E EOS / W EOS	07/15/15	12:00 PM	12:05 PM	32	31	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-522/P-523	S EOS / N EOS	07/15/15	12:00 PM	12:05 PM	30	28	PASS	BM		X	
P-522/P-524	E EOS / W EOS	07/15/15	12:01 PM	12:06 PM	31	30	PASS	BM		X	
P-523/P-524	W EOS / E EOS	07/15/15	12:01 PM	12:06 PM	30	30	PASS	BM		X	
P-519/P-523	W EOS / E EOS	07/15/15	12:03 PM	12:08 PM	30	30	PASS	BM		X	
P-521/P-524	W EOS / E EOS	07/15/15	1:06 PM	1:11 PM	30	29	PASS	KS		X	
P-521/P-522	N EOS / S EOS	07/15/15	1:06 PM	1:11 PM	30	29	PASS	KS		X	
P-519/P-521	W EOS / E EOS	07/15/15	1:06 PM	1:11 PM	30	29	PASS	KS		X	
P-519/P-520	E EOS / W EOS	07/15/15	1:15 PM	1:20 PM	30	28	PASS	AF		X	
P-520/P-521	S EOS / N EOS	07/15/15	1:15 PM	1:20 PM	30	28	PASS	AF		X	
P-520/P-524	E EOS / W EOS	07/15/15	1:15 PM	1:20 PM	30	29	PASS	AF		X	
P-525/P-526	S EOS / N EOS	07/15/15	1:20 PM	1:25 PM	30	28	PASS	AF		X	
P-524/P-525	W EOS / D1419	07/15/15	2:45 PM	2:50 PM	30	30	PASS	RB	X		
P-524/P-525	D1419 / E EOS	07/15/15	2:45 PM	2:50 PM	30	28	PASS	RB		X	
P-525/P-530	E EOS / W EOS	07/15/15	2:46 PM	2:51 PM	30	28	PASS	RB		X	
P-526/P-527	N EOS / S EOS	07/16/15	7:55 AM	8:00 AM	30	30	PASS	JB		X	
P-526/P-530	E EOS / W EOS	07/16/15	7:55 AM	8:00 AM	30	30	PASS	JB		X	
P-527/P-530	W EOS / E EOS	07/16/15	7:55 AM	8:00 AM	30	30	PASS	JB		X	
P-524/P-526	E EOS / W EOS	07/16/15	7:54 AM	7:59 AM	30	30	PASS	JB		X	
P-524/P-527	W EOS / E EOS	07/16/15	7:54 AM	7:59 AM	30	29	PASS	JB		X	
P-527/P-528	N EOS / S EOS	07/16/15	8:16 AM	8:21 AM	30	28	PASS	JB		X	
P-528/P-530	W EOS / E EOS	07/16/15	8:16 AM	8:21 AM	30	30	PASS	JB		X	
P-524/P-528	W EOS / E EOS	07/16/15	8:16 AM	8:21 AM	30	30	PASS	JB		X	
P-528/P-529	N EOS / S EOS	07/16/15	8:22 AM	8:27 AM	35	35	PASS	JB		X	
P-529/P-530	W EOS / E EOS	07/16/15	8:22 AM	8:27 AM	30	28	PASS	JB		X	
P-524/P-529	W EOS / D1426	07/16/15	8:22 AM	8:27 AM	36	36	PASS	JB	X		
P-524/P-529	D1426 / E EOS	07/16/15	8:31 AM	8:36 AM	30	30	PASS	JB		X	
P-530/P-533	W EOS / E EOS	07/16/15	8:47 AM	8:52 AM	30	30	PASS	KS		X	
P-532/P-533	S EOS / N EOS	07/16/15	8:47 AM	8:52 AM	30	28	PASS	KS		X	
P-539/P-540	E EOS / W EOS	07/17/15	9:13 AM	9:18 AM	40	40	PASS	KS		X	
P-536/P-539	N EOS / S EOS	07/17/15	9:13 AM	9:18 AM	32	31	PASS	KS		X	
P-536/P-540	W EOS / E EOS	07/17/15	9:13 AM	9:18 AM	35	35	PASS	KS		X	
P-540/P-545	E EOS / W EOS	07/17/15	9:16 AM	9:21 AM	30	28	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-537/P-540	N EOS / S EOS	07/17/15	9:16 AM	9:21 AM	30	30	PASS	KS		X	
P-537/P-545	W EOS / D1450	07/17/15	9:16 AM	9:21 AM	30	29	PASS	KS	X		
P-537/P-545	D1450 / E EOS	07/17/15	9:17 AM	9:22 AM	32	30	PASS	KS		X	
P-538/P-545	S EOS / N EOS	07/17/15	9:26 AM	9:31 AM	30	30	PASS	KS		X	
P-537/P-538	E EOS / W EOS	07/17/15	9:26 AM	9:31 AM	40	38	PASS	KS		X	
P-538/P-543	W EOS / E EOS	07/17/15	9:27 AM	9:32 AM	40	38	PASS	KS		X	
P-543/P-544	N EOS / S EOS	07/17/15	9:27 AM	9:32 AM	30	30	PASS	KS		X	
P-541/P-545	E EOS / W EOS	07/17/15	9:29 AM	9:34 AM	30	30	PASS	KS		X	
P-541/P-542	S EOS / N EOS	07/17/15	9:45 AM	9:50 AM	30	30	PASS	KS		X	
P-530/P-531	W EOS / D1447	07/16/15	5:59 PM	6:04 PM	30	29	PASS	KS	X		
P-530/P-531	D1447 / E EOS	07/16/15	5:59 PM	6:04 PM	32	31	PASS	KS		X	
P-531/P-532	S EOS / N EOS	07/16/15	6:00 PM	6:05 PM	35	33	PASS	KS		X	
P-530/P-532	W EOS / E EOS	07/16/15	6:00 PM	6:05 PM	30	30	PASS	KS		X	
P-532/P-534	E EOS / D1429	07/16/15	6:02 PM	6:07 PM	30	30	PASS	KS	X		
P-532/P-534	D1429 / W EOS	07/16/15	6:10 PM	6:15 PM	30	30	PASS	KS		X	
P-533/P-534	W EOS / E EOS	07/16/15	6:02 PM	6:07 PM	30	29	PASS	KS		X	
P-531/P-534	E EOS / W EOS	07/16/15	6:10 PM	6:15 PM	30	29	PASS	KS		X	
P-531/P-535	E EOS / W EOS	07/16/15	6:13 PM	6:18 PM	30	30	PASS	KS		X	
P-534/P-535	W EOS / D1446	07/16/15	6:13 PM	6:18 PM	30	30	PASS	KS	X		
P-534/P-535	D1446 / D1448	07/16/15	6:25 PM	6:30 PM	30	30	PASS	KS	X		
P-534/P-535	D1448 / E EOS	07/16/15	6:34 PM	6:39 PM	30	30	PASS	KS		X	
P-535/P-536	W EOS / E EOS	07/16/15	6:43 PM	6:48 PM	30	30	PASS	BM		X	
P-536/P-537	W EOS / E EOS	07/16/15	6:44 PM	6:49 PM	30	30	PASS	BM		X	
P-544/P-545	S EOS / N EOS	07/17/15	-	-	0	0	FAIL	KS		X	Seam Capped
P-541/P-548	E EOS / W EOS	07/17/15	3:53 PM	3:58 PM	30	30	PASS	KS		X	
P-541/P-547	E EOS / W EOS	07/17/15	3:53 PM	3:58 PM	33	33	PASS	KS		X	
P-547/P-548	S EOS / N EOS	07/17/15	3:53 PM	3:58 PM	30	30	PASS	KS		X	
P-542/P-548	E EOS / W EOS	07/17/15	3:53 PM	3:58 PM	35	35	PASS	KS		X	
P-544/P-547	W EOS / E EOS	07/17/15	3:55 PM	4:00 PM	40	38	PASS	KS		X	
P-541/P-544	N EOS / S EOS	07/17/15	3:55 PM	4:00 PM	34	34	PASS	KS		X	
P-548/P-550	E EOS / W EOS	07/17/15	3:58 PM	4:03 PM	30	30	PASS	KS		X	
P-547/P-550	E EOS / W EOS	07/17/15	4:06 PM	4:11 PM	34	32	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-546/P-547	N EOS / S EOS	07/17/15	4:06 PM	4:11 PM	30	30	PASS	KS		X	
P-543/P-547	E EOS / W EOS	07/17/15	4:07 PM	4:12 PM	32	30	PASS	KS		X	
P-543/P-546	W EOS / E EOS	07/17/15	4:08 PM	4:13 PM	34	33	PASS	KS		X	
P-546/P-549	W EOS / E EOS	07/17/15	4:29 PM	4:34 PM	30	30	PASS	KS		X	
P-549/P-550	S EOS / N EOS	07/17/15	4:29 PM	4:34 PM	30	28	PASS	KS		X	
P-546/P-550	E EOS / W EOS	07/17/15	4:29 PM	4:34 PM	30	30	PASS	KS		X	
P-550/P-551	E EOS / W EOS	07/17/15	4:31 PM	4:36 PM	32	31	PASS	KS		X	
P-549/P-551	W EOS / E EOS	07/17/15	4:31 PM	4:36 PM	32	32	PASS	KS		X	
P-551/P-552	W EOS / E EOS	07/17/15	4:33 PM	4:38 PM	30	30	PASS	KS		X	
P-551/P-553	E EOS / W EOS	07/17/15	4:33 PM	4:38 PM	30	30	PASS	KS		X	
P-552/P-554	W EOS / E EOS	07/17/15	4:47 PM	4:52 PM	30	30	PASS	KS		X	
P-553/P-554	E EOS / W EOS	07/17/15	4:47 PM	4:52 PM	32	32	PASS	KS		X	
P-552/P-553	N EOS / S EOS	07/17/15	4:47 PM	4:52 PM	30	30	PASS	KS		X	
P-554/P-555	S EOS / N EOS	07/17/15	4:51 PM	4:56 PM	30	28	PASS	KS		X	
P-553/P-555	E EOS / D1491	07/17/15	4:57 PM	5:02 PM	30	30	PASS	KS	X		
P-553/P-555	D1491 / W EOS	07/17/15	5:00 PM	5:05 PM	30	28	PASS	KS		X	
P-550/P-553	E EOS / W EOS	07/17/15	5:04 PM	5:09 PM	30	30	PASS	KS		X	
P-555/P-557	E EOS / W EOS	07/18/15	11:18 AM	11:23 AM	34	32	PASS	BM		X	
P-556/P-557	S EOS / N EOS	07/18/15	11:18 AM	11:23 AM	32	30	PASS	BM		X	
P-557/P-559	E EOS / W EOS	07/18/15	11:20 AM	11:25 AM	30	30	PASS	BM		X	
P-557/P-558	E EOS / W EOS	07/18/15	-	-	0	0	FAIL	BM		X	Seam Capped
P-558/P-559	S EOS / N EOS	07/18/15	11:20 AM	11:25 AM	30	28	PASS	BM		X	
P-559/P-560	E EOS / W EOS	07/18/15	11:21 AM	11:26 AM	34	34	PASS	BM		X	
P-559/P-561	E EOS / W EOS	07/18/15	11:21 AM	11:26 AM	38	38	PASS	BM		X	
P-560/P-561	S EOS / N EOS	07/18/15	11:21 AM	11:26 AM	30	30	PASS	BM		X	
P-558/P-560	E EOS / W EOS	07/18/15	12:04 PM	12:09 PM	34	32	PASS	TJB		X	
P-560/P-562	E EOS / W EOS	07/18/15	12:06 PM	12:11 PM	40	38	PASS	TJB		X	
P-561/P-562	E EOS / W EOS	07/18/15	12:06 PM	12:11 PM	37	36	PASS	TJB		X	
P-562/P-571	N EOS / S EOS	07/18/15	12:06 PM	12:11 PM	32	32	PASS	TJB		X	
P-562/P-564	E EOS / W EOS	07/18/15	12:07 PM	12:12 PM	36	35	PASS	TJB		X	
P-556/P-558	E EOS / W EOS	07/18/15	12:12 PM	12:17 PM	32	32	PASS	TJB		X	
P-563/P-571	S EOS / N EOS	07/18/15	1:24 PM	1:29 PM	30	30	PASS	TJB		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-563/P-564	W EOS / E EOS	07/18/15	1:24 PM	1:29 PM	30	28	PASS	TJB		X	
P-562/P-565	W EOS / E EOS	07/18/15	1:25 PM	1:30 PM	30	28	PASS	TJB		X	
P-563/P-568	E EOS / W EOS	07/18/15	1:26 PM	1:31 PM	30	28	PASS	TJB		X	
P-566/P-568	W EOS / E EOS	07/18/15	1:45 PM	1:50 PM	30	30	PASS	RB		X	
P-569/P-570	E EOS / W EOS	07/18/15	1:41 PM	1:46 PM	42	40	PASS	RB		X	
P-568/P-569	W EOS / D1534	07/18/15	1:47 PM	1:52 PM	30	30	PASS	RB	X		
P-568/P-569	D1534 / E EOS	07/18/15	1:59 PM	2:04 PM	30	30	PASS	RB		X	
P-564/P-568	E EOS / W EOS	07/18/15	1:39 PM	1:44 PM	31	30	PASS	RB		X	
P-565/P-568	W EOS / E EOS	07/18/15	1:39 PM	1:44 PM	35	33	PASS	RB		X	
P-565/P-566	S EOS / N EOS	07/18/15	1:45 PM	1:50 PM	30	30	PASS	RB		X	
P-562/P-566	W EOS / E EOS	07/18/15	1:45 PM	1:50 PM	30	30	PASS	RB		X	
P-568/P-570	N EOS / S EOS	07/18/15	1:26 PM	1:31 PM	30	30	PASS	TJB		X	
P-564/P-565	N EOS / S EOS	07/18/15	1:25 PM	1:30 PM	32	32	PASS	TJB		X	
P-563/P-570	E EOS / W EOS	07/18/15	1:26 PM	1:31 PM	32	32	PASS	TJB		X	
P-567/P-568	W EOS / E EOS	07/18/15	2:04 PM	2:09 PM	30	28	PASS	RB		X	
P-566/P-567	N EOS / S EOS	07/18/15	2:04 PM	2:09 PM	30	30	PASS	RB		X	
P-562/P-567	E EOS / W EOS	07/18/15	2:04 PM	2:09 PM	30	29	PASS	RB		X	
P-555/P-556	W EOS / E EOS	07/18/15	2:15 PM	2:20 PM	30	27	PASS	AF		X	
P-554/P-556	E EOS / W EOS	07/19/15	8:12 AM	8:17 AM	31	31	PASS	KS		X	
P-569/P-572	W EOS / E EOS	07/19/15	8:26 AM	8:31 AM	30	30	PASS	KS		X	
P-572/P-573	W EOS / E EOS	07/19/15	8:27 AM	8:32 AM	30	30	PASS	KS		X	
P-573/P-574	W EOS / E EOS	07/19/15	8:28 AM	8:33 AM	30	29	PASS	KS		X	
P-574/P-575	W EOS / E EOS	07/19/15	8:29 AM	8:34 AM	30	30	PASS	KS		X	
P-575/P-576	W EOS / E EOS	07/19/15	8:42 AM	8:47 AM	30	29	PASS	KS		X	
P-576/P-577	W EOS / E EOS	07/19/15	8:43 AM	8:48 AM	30	28	PASS	KS		X	
P-577/P-578	W EOS / E EOS	07/19/15	8:43 AM	8:48 AM	30	30	PASS	KS		X	
P-578/P-579	W EOS / E EOS	07/19/15	11:20 AM	11:25 AM	30	30	PASS	AF		X	
P-579/P-580	W EOS / E EOS	07/19/15	11:21 AM	11:26 AM	30	29	PASS	AF		X	
P-580/P-581	N EOS / S EOS	07/19/15	11:23 AM	11:28 AM	30	28	PASS	AF		X	
P-580/P-582	E EOS / D1588	07/19/15	12:39 PM	12:44 PM	30	30	PASS	AF	X		
P-580/P-582	D1588 / W EOS	07/19/15	12:44 PM	12:49 PM	30	30	PASS	AF		X	
P-581/P-582	W EOS / E EOS	07/19/15	-	-	0	0	FAIL	AF		X	Seam Capped

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-582/P-583	W EOS / E EOS	07/19/15	11:43 AM	11:48 AM	30	30	PASS	AF		X	
P-582/P-584	E EOS / W EOS	07/19/15	11:44 AM	11:49 AM	30	30	PASS	AF		X	
P-584/P-587	W EOS / E EOS	07/19/15	-	-	0	0	FAIL	AF		X	Seam Capped
P-583/P-584	S EOS / N EOS	07/19/15	11:45 AM	11:50 AM	30	30	PASS	AF		X	
P-583/P-585	W EOS / E EOS	07/19/15	11:57 AM	12:02 PM	30	30	PASS	AF		X	
P-582/P-587	S EOS / N EOS	07/19/15	12:05 PM	12:10 PM	30	30	PASS	AF		X	
P-583/P-586	E EOS / W EOS	07/19/15	12:26 PM	12:31 PM	30	30	PASS	AF		X	
P-584/P-586	E EOS / W EOS	07/19/15	12:27 PM	12:32 PM	30	28	PASS	AF		X	
P-585/P-586	S EOS / N EOS	07/19/15	12:33 PM	12:38 PM	30	30	PASS	AF		X	
P-480/P-588	N EOS / D1624	07/21/15	1:16 PM	1:21 PM	30	30	PASS	BM	X		
P-480/P-588	D1624 / D1625	07/21/15	1:26 PM	1:31 PM	30	28	PASS	BM	X		
P-480/P-588	D1625 / S EOS	07/21/15	1:26 PM	1:31 PM	30	28	PASS	BM		X	
P-588/P-589	N EOS / S EOS	07/21/15	1:28 PM	1:33 PM	30	29	PASS	BM		X	
P-589/P-590	N EOS / S EOS	07/21/15	1:29 PM	1:34 PM	30	30	PASS	BM		X	
P-590/P-591	N EOS / S EOS	07/21/15	1:41 PM	1:46 PM	30	30	PASS	BM		X	
P-591/P-592	N EOS / S EOS	07/21/15	1:42 PM	1:47 PM	30	30	PASS	BM		X	
P-592/P-593	N EOS / S EOS	07/21/15	1:43 PM	1:48 PM	31	30	PASS	BM		X	
P-593/P-594	S EOS / N EOS	07/21/15	2:17 PM	2:22 PM	31	30	PASS	BM		X	
P-593/P-595	N EOS / S EOS	07/21/15	2:17 PM	2:22 PM	32	31	PASS	BM		X	
P-594/P-595	N EOS / D1626	07/21/15	2:18 PM	2:23 PM	30	30	PASS	BM	X		
P-594/P-595	D1626 / S EOS	07/21/15	2:18 PM	2:23 PM	30	30	PASS	BM		X	
P-595/P-596	N EOS / S EOS	07/21/15	2:19 PM	2:24 PM	30	30	PASS	BM		X	
P-596/P-597	N EOS / S EOS	07/21/15	2:20 PM	2:25 PM	30	28	PASS	BM		X	
P-597/P-598	N EOS / S EOS	07/21/15	2:39 PM	2:44 PM	31	30	PASS	BM		X	
P-598/P-599	N EOS / S EOS	07/21/15	2:41 PM	2:46 PM	32	31	PASS	BM		X	
P-599/P-600	N EOS / S EOS	07/21/15	2:42 PM	2:47 PM	30	28	PASS	BM		X	
P-600/P-601	N EOS / S EOS	07/21/15	2:43 PM	2:48 PM	30	30	PASS	BM		X	
P-601/P-602	N EOS / S EOS	07/21/15	2:43 PM	2:48 PM	30	28	PASS	BM		X	
P-585/P-603	W EOS / E EOS	07/22/15	1:43 PM	1:48 PM	30	29	PASS	BM		X	
P-603/P-607	S EOS / N EOS	07/22/15	1:43 PM	1:48 PM	30	30	PASS	BM		X	
P-585/P-607	E EOS / W EOS	07/22/15	1:43 PM	1:48 PM	30	28	PASS	BM		X	
P-586/P-607	E EOS / W EOS	07/22/15	1:44 PM	1:49 PM	32	31	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-603/P-604	W EOS / E EOS	07/22/15	1:45 PM	1:50 PM	30	29	PASS	BM		X	
P-604/P-607	E EOS / W EOS	07/22/15	1:45 PM	1:50 PM	30	28	PASS	BM		X	
P-607/P-608	E EOS / W EOS	07/22/15	1:46 PM	1:51 PM	30	28	PASS	BM		X	
P-608/P-609	E EOS / W EOS	07/22/15	1:58 PM	2:03 PM	31	31	PASS	BM		X	
P-604/P-609	W EOS / E EOS	07/22/15	1:58 PM	2:03 PM	30	30	PASS	BM		X	
P-604/P-608	N EOS / S EOS	07/22/15	1:58 PM	2:03 PM	31	31	PASS	BM		X	
P-605/P-609	S EOS / N EOS	07/22/15	1:59 PM	2:04 PM	31	30	PASS	BM		X	
P-605/P-606	W EOS / E EOS	07/22/15	2:06 PM	2:11 PM	31	30	PASS	BM		X	
P-606/P-609	E EOS / W EOS	07/22/15	2:06 PM	2:11 PM	32	32	PASS	BM		X	
P-604/P-605	W EOS / D1641	07/22/15	1:59 PM	2:04 PM	30	28	PASS	BM	X		
P-604/P-605	D1641 / D1642	07/22/15	3:07 PM	3:12 PM	30	30	PASS	BM	X		
P-604/P-605	D1642 / E EOS	07/22/15	3:09 PM	3:14 PM	30	29	PASS	BM		X	
P-606/P-611	S EOS / N EOS	07/22/15	3:38 PM	3:43 PM	37	35	PASS	BM		X	
P-609/P-611	E EOS / W EOS	07/22/15	3:38 PM	3:43 PM	31	31	PASS	BM		X	
P-606/P-610	W EOS / E EOS	07/22/15	3:39 PM	3:44 PM	32	31	PASS	BM		X	
P-610/P-611	E EOS / W EOS	07/22/15	3:39 PM	3:44 PM	34	33	PASS	BM		X	
P-610/P-613	E EOS / W EOS	07/22/15	3:42 PM	3:47 PM	31	30	PASS	BM		X	
P-612/P-613	S EOS / N EOS	07/22/15	3:42 PM	3:47 PM	30	30	PASS	BM		X	
P-613/P-615	E EOS / W EOS	07/22/15	4:02 PM	4:07 PM	30	30	PASS	BM		X	
P-614/P-615	S EOS / N EOS	07/22/15	4:02 PM	4:07 PM	30	29	PASS	BM		X	
P-613/P-614	E EOS / W EOS	07/22/15	4:04 PM	4:09 PM	30	29	PASS	BM		X	
P-612/P-614	W EOS / E EOS	07/22/15	4:04 PM	4:09 PM	30	29	PASS	BM		X	
P-610/P-612	W EOS / E EOS	07/22/15	4:13 PM	4:18 PM	41	41	PASS	BM		X	
P-616/P-617	W EOS / D1657	07/22/15	5:25 PM	5:30 PM	30	29	PASS	BM		X	
P-616/P-617	D1657 / E EOS	07/22/15	5:25 PM	5:30 PM	31	31	PASS	BM	X		
P-617/P-618	E EOS / W EOS	07/22/15	5:26 PM	5:31 PM	32	32	PASS	BM		X	
P-617/P-619	W EOS / E EOS	07/22/15	5:26 PM	5:31 PM	30	28	PASS	BM		X	
P-618/P-619	N EOS / S EOS	07/22/15	5:26 PM	5:31 PM	32	31	PASS	BM		X	
P-619/P-620	W EOS / E EOS	07/22/15	5:27 PM	5:32 PM	30	30	PASS	BM		X	
P-618/P-620	E EOS / W EOS	07/22/15	5:27 PM	5:32 PM	30	30	PASS	BM		X	
P-620/P-621	E EOS / W EOS	07/22/15	5:37 PM	5:42 PM	30	30	PASS	BM		X	
P-621/P-622	N EOS / S EOS	07/22/15	5:37 PM	5:42 PM	30	29	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-620/P-622	W EOS / E EOS	07/22/15	5:37 PM	5:42 PM	30	30	PASS	BM		X	
P-622/P-623	W EOS / E EOS	07/22/15	5:45 PM	5:50 PM	30	28	PASS	BM		X	
P-623/P-625	W EOS / E EOS	07/22/15	6:06 PM	6:11 PM	31	29	PASS	BM		X	
P-624/P-625	N EOS / S EOS	07/22/15	6:06 PM	6:11 PM	31	31	PASS	BM		X	
P-623/P-624	E EOS / W EOS	07/22/15	6:06 PM	6:11 PM	31	31	PASS	BM		X	
P-625/P-626	W EOS / E EOS	07/22/15	6:07 PM	6:12 PM	30	29	PASS	BM		X	
P-606/P-626	E EOS / W EOS	07/22/15	6:07 PM	6:12 PM	35	35	PASS	BM		X	
P-606/P-624	E EOS / W EOS	07/22/15	6:07 PM	6:12 PM	32	30	PASS	BM		X	
P-610/P-621	S EOS / N EOS	07/22/15	6:16 PM	6:21 PM	30	30	PASS	BM		X	
P-610/P-620	S EOS / D1666	07/22/15	6:16 PM	6:21 PM	30	30	PASS	BM	X		
P-610/P-620	D1666 / N EOS	07/22/15	-	-	0	0	FAIL	BM		X	Seam Capped
P-606/P-623	W EOS / E EOS	07/22/15	6:31 PM	6:36 PM	30	30	PASS	BM		X	
P-612/P-620	N EOS / S EOS	07/22/15	6:34 PM	6:39 PM	38	38	PASS	BM		X	
P-612/P-618	S EOS / N EOS	07/22/15	6:34 PM	6:39 PM	30	30	PASS	BM		X	
P-612/P-617	N EOS / S EOS	07/22/15	6:37 PM	6:42 PM	30	28	PASS	BM		X	
P-614/P-617	S EOS / N EOS	07/22/15	6:37 PM	6:42 PM	30	29	PASS	BM		X	
P-614/P-616	S EOS / D1667	07/22/15	6:43 PM	6:48 PM	38	38	PASS	BM	X		
P-614/P-616	D1667 / N EOS	07/22/15	6:43 PM	6:48 PM	32	32	PASS	BM		X	
P-615/P-630	W EOS / D1677	07/23/15	10:42 AM	10:47 AM	40	40	PASS	BM	X		
P-615/P-630	D1677 / E EOS	07/23/15	-	-	0	0	FAIL	BM		X	Seam Capped
P-614/P-630	W EOS / E EOS	07/23/15	10:42 AM	10:47 AM	31	30	PASS	BM		X	
P-614/P-628	W EOS / E EOS	07/23/15	10:46 AM	10:51 AM	30	29	PASS	BM		X	
P-628/P-630	W EOS / E EOS	07/23/15	10:46 AM	10:51 AM	30	30	PASS	BM		X	
P-614/P-627	W EOS / E EOS	07/23/15	10:51 AM	10:56 AM	30	29	PASS	BM		X	
P-627/P-629	W EOS / E EOS	07/23/15	10:51 AM	10:56 AM	30	30	PASS	BM		X	
P-628/P-629	N EOS / S EOS	07/23/15	10:51 AM	10:56 AM	30	28	PASS	BM		X	
P-629/P-630	W EOS / E EOS	07/23/15	10:51 AM	10:56 AM	30	28	PASS	BM		X	
P-616/P-627	W EOS / E EOS	07/23/15	10:56 AM	11:01 AM	30	28	PASS	BM		X	
P-630/P-631	S EOS / N EOS	07/23/15	10:56 AM	11:01 AM	30	30	PASS	BM		X	
P-629/P-631	W EOS / E EOS	07/23/15	11:35 AM	11:40 AM	35	32	PASS	BM		X	
P-631/P-633	W EOS / E EOS	07/23/15	11:35 AM	11:40 AM	35	34	PASS	BM		X	
P-632/P-633	W EOS / E EOS	07/23/15	11:35 AM	11:40 AM	35	35	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-629/P-632	W EOS / E EOS	07/23/15	11:45 AM	11:50 AM	30	30	PASS	BM		X	
P-631/P-632	N EOS / S EOS	07/23/15	12:01 PM	12:06 PM	35	34	PASS	BM		X	
P-634/P-635	S EOS / N EOS	07/23/15	12:53 PM	12:58 PM	32	32	PASS	JR		X	
P-633/P-635	W EOS / E EOS	07/23/15	12:57 PM	1:02 PM	30	30	PASS	JR		X	
P-633/P-634	E EOS / W EOS	07/23/15	1:24 PM	1:29 PM	31	31	PASS	JR		X	
P-630/P-633	W EOS / E EOS	07/23/15	1:15 PM	1:20 PM	30	30	PASS	JR		X	
P-209/P-636	W EOS / D1715	07/24/15	11:44 AM	11:49 AM	34	32	PASS	AF	X		
P-209/P-636	D1715 / E EOS	07/24/15	11:50 AM	11:55 AM	33	32	PASS	AF		X	
P-637/P-638	W EOS / D1716	07/24/15	11:54 AM	11:59 AM	35	35	PASS	AF	X		
P-637/P-638	D1716 / E EOS	07/24/15	11:55 AM	12:00 PM	34	33	PASS	AF		X	
P-636/P-637	W EOS / E EOS	07/24/15	11:58 AM	12:03 PM	36	36	PASS	AF		X	
P-210/P-636	E EOS / W EOS	07/24/15	12:57 PM	1:02 PM	34	34	PASS	AF		X	
P-114/P-636	E EOS / D1708	07/24/15	1:00 PM	1:05 PM	36	35	PASS	AF	X		
P-114/P-636	D1708 / W EOS	07/24/15	1:01 PM	1:06 PM	36	35	PASS	AF		X	
P-638/P-639	W EOS / D1718	07/24/15	2:25 PM	2:30 PM	30	30	PASS	AF	X		
P-638/P-639	D1718 / E EOS	07/24/15	2:27 PM	2:32 PM	30	30	PASS	AF		X	
P-639/P-640	W EOS / E EOS	07/24/15	2:26 PM	2:31 PM	30	30	PASS	AF		X	
P-640/P-641	E EOS / D1731	07/24/15	3:00 PM	3:05 PM	30	30	PASS	AF	X		
P-640/P-641	D1731 / W EOS	07/24/15	3:34 PM	3:39 PM	30	30	PASS	JR		X	
P-641/P-644	W EOS / E EOS	07/24/15	4:14 PM	4:19 PM	30	30	PASS	AF		X	
P-641/P-643	E EOS / W EOS	07/24/15	3:43 PM	3:48 PM	30	30	PASS	JR		X	
P-641/P-642	W EOS / E EOS	07/24/15	3:44 PM	3:49 PM	30	30	PASS	JR		X	
P-642/P-643	S EOS / N EOS	07/24/15	3:50 PM	3:55 PM	30	29	PASS	JR		X	
P-411/P-642	W EOS / E EOS	07/24/15	4:02 PM	4:07 PM	30	28	PASS	JR		X	
P-644/P-645	W EOS / E EOS	07/24/15	5:55 PM	6:00 PM	30	30	PASS	JR		X	
P-645/P-646	W EOS / E EOS	07/27/15	10:26 AM	10:31 AM	35	35	PASS	AF		X	
P-646/P-647	W EOS / E EOS	07/27/15	10:29 AM	10:34 AM	34	34	PASS	AF		X	
P-647/P-648	W EOS / E EOS	07/27/15	10:32 AM	10:37 AM	32	32	PASS	AF		X	
P-648/P-649	E EOS / W EOS	07/27/15	11:12 AM	11:17 AM	30	29	PASS	AF		X	
P-649/P-650	S EOS / N EOS	07/27/15	11:13 AM	11:18 AM	35	34	PASS	AF		X	
P-648/P-650	W EOS / E EOS	07/27/15	11:16 AM	11:21 AM	30	30	PASS	AF		X	
P-650/P-651	W EOS / E EOS	07/27/15	1:15 PM	1:20 PM	30	30	PASS	JR		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-649/P-651	E EOS / W EOS	07/27/15	1:15 PM	1:20 PM	32	31	PASS	JR		X	
P-651/P-652	W EOS / E EOS	07/27/15	1:23 PM	1:28 PM	30	30	PASS	AF		X	
P-652/P-653	W EOS / E EOS	07/27/15	1:52 PM	1:57 PM	30	30	PASS	AF		X	
P-653/P-654	W EOS / E EOS	07/27/15	2:25 PM	2:30 PM	30	30	PASS	AF		X	
P-654/P-655	W EOS / E EOS	07/27/15	2:55 PM	3:00 PM	30	30	PASS	JB		X	
P-655/P-656	W EOS / E EOS	07/27/15	3:43 PM	3:48 PM	30	29	PASS	AF		X	
P-656/P-657	W EOS / E EOS	07/27/15	4:27 PM	4:32 PM	30	30	PASS	AF		X	
P-657/P-658	W EOS / D1785	07/27/15	5:13 PM	5:18 PM	35	34	PASS	AF	X		
P-657/P-658	D1785 / E EOS	07/27/15	6:00 PM	6:05 PM	32	32	PASS	AF		X	
P-656/P-658	E EOS / W EOS	07/27/15	5:20 PM	5:25 PM	38	36	PASS	AF		X	
P-658/P-660	E EOS / W EOS	07/27/15	5:38 PM	5:43 PM	31	30	PASS	AF		X	
P-658/P-659	W EOS / E EOS	07/27/15	5:40 PM	5:45 PM	32	30	PASS	AF		X	
P-659/P-660	W EOS / D1786	07/27/15	5:45 PM	5:50 PM	35	34	PASS	AF	X		
P-659/P-660	D1786 / E EOS	07/27/15	5:54 PM	5:59 PM	32	32	PASS	AF		X	
P-651/P-661	S EOS / N EOS	07/27/15	5:21 PM	5:26 PM	30	28	PASS	AF		X	
P-660/P-662	E EOS / D1790	07/28/15	10:18 AM	10:23 AM	33	32	PASS	KS	X		
P-660/P-662	D1790 / W EOS	07/28/15	10:18 AM	10:23 AM	35	34	PASS	KS		X	
P-662/P-663	W EOS / E EOS	07/28/15	10:20 AM	10:25 AM	34	34	PASS	KS		X	
P-663/P-664	W EOS / E EOS	07/28/15	10:22 AM	10:27 AM	35	33	PASS	KS		X	
P-663/P-665	W EOS / E EOS	07/28/15	10:24 AM	10:29 AM	34	34	PASS	KS		X	
P-663/P-666	W EOS / E EOS	07/28/15	10:33 AM	10:38 AM	36	36	PASS	KS		X	
P-664/P-665	S EOS / N EOS	07/28/15	10:48 AM	10:53 AM	32	32	PASS	KS		X	
P-665/P-666	S EOS / N EOS	07/28/15	10:52 AM	10:57 AM	30	30	PASS	KS		X	
P-666/P-667	W EOS / E EOS	07/28/15	11:01 AM	11:06 AM	35	34	PASS	KS		X	
P-665/P-667	E EOS / W EOS	07/28/15	11:04 AM	11:09 AM	34	32	PASS	KS		X	
P-667/P-668	E EOS / W EOS	07/28/15	11:16 AM	11:21 AM	36	36	PASS	KS		X	
P-668/P-669	S EOS / N EOS	07/28/15	11:21 AM	11:26 AM	36	36	PASS	KS		X	
P-667/P-669	W EOS / E EOS	07/28/15	11:25 AM	11:30 AM	34	34	PASS	KS		X	
P-669/P-670	W EOS / E EOS	07/28/15	11:28 AM	11:33 AM	35	35	PASS	KS		X	
P-671/P-672	S EOS / N EOS	07/28/15	11:42 AM	11:47 AM	35	35	PASS	KS		X	
P-670/P-671	E EOS / W EOS	07/28/15	11:42 AM	11:47 AM	34	34	PASS	KS		X	
P-670/P-672	W EOS / E EOS	07/28/15	11:43 AM	11:48 AM	35	34	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-672/P-674	W EOS / E EOS	07/29/15	10:52 AM	10:57 AM	30	30	PASS	BM		X	
P-673/P-674	W EOS / E EOS	07/29/15	10:52 AM	10:57 AM	30	30	PASS	BM		X	
P-671/P-673	E EOS / W EOS	07/29/15	10:52 AM	10:57 AM	35	35	PASS	BM		X	
P-673/P-683	W EOS / E EOS	07/29/15	10:53 AM	10:58 AM	30	29	PASS	BM		X	
P-682/P-683	S EOS / N EOS	07/29/15	10:53 AM	10:58 AM	30	30	PASS	BM		X	
P-673/P-682	E EOS / W EOS	07/29/15	10:53 AM	10:58 AM	40	38	PASS	BM		X	
P-681/P-682	S EOS / N EOS	07/29/15	11:03 AM	11:08 AM	34	34	PASS	BM		X	
P-680/P-681	E EOS / W EOS	07/29/15	11:03 AM	11:08 AM	30	29	PASS	BM		X	
P-673/P-680	E EOS / W EOS	07/29/15	11:03 AM	11:08 AM	32	31	PASS	BM		X	
P-679/P-681	S EOS / N EOS	07/29/15	11:05 AM	11:10 AM	30	29	PASS	BM		X	
P-679/P-680	N EOS / S EOS	07/29/15	11:05 AM	11:10 AM	33	31	PASS	BM		X	
P670/P-673	E EOS / W EOS	07/29/15	11:06 AM	11:11 AM	30	28	PASS	BM		X	
P-678/P-679	S EOS / N EOS	07/29/15	11:20 AM	11:25 AM	30	30	PASS	BM		X	
P-673/P-679	W EOS / E EOS	07/29/15	11:20 AM	11:25 AM	40	37	PASS	BM		X	
P-673/P-678	E EOS / W EOS	07/29/15	11:20 AM	11:25 AM	32	30	PASS	BM		X	
P-676/P-678	S EOS / N EOS	07/29/15	11:22 AM	11:27 AM	30	30	PASS	BM		X	
P-676/P-677	E EOS / W EOS	07/29/15	11:22 AM	11:27 AM	30	28	PASS	BM		X	
P-673/P-677	E EOS / W EOS	07/29/15	11:22 AM	11:27 AM	33	32	PASS	BM		X	
P-668/P-673	E EOS / W EOS	07/29/15	11:23 AM	11:28 AM	35	34	PASS	BM		X	
P-675/P-676	S EOS / D1808	07/29/15	11:38 AM	11:43 AM	30	28	PASS	BM	X		
P-675/P-676	D1808 / N EOS	07/29/15	1:00 PM	1:05 PM	42	41	PASS	BM		X	
P-675/P-677	S EOS / N EOS	07/29/15	11:39 AM	11:44 AM	38	35	PASS	BM		X	
P-673/P-675	E EOS / W EOS	07/29/15	11:39 AM	11:44 AM	34	32	PASS	BM		X	
P-667/P673	E EOS / W EOS	07/29/15	11:40 AM	11:45 AM	32	30	PASS	BM		X	
P-675/P-684	S EOS / N EOS	07/29/15	11:42 AM	11:47 AM	34	32	PASS	BM		X	
P-675/P-685	S EOS / N EOS	07/29/15	11:43 AM	11:48 AM	34	32	PASS	BM		X	
P-673/P-684	E EOS / W EOS	07/29/15	11:42 AM	11:47 AM	32	30	PASS	BM		X	
P-684/P-685	E EOS / W EOS	07/29/15	11:49 AM	11:54 AM	33	32	PASS	BM		X	
P-664/P673	W EOS / E EOS	07/29/15	11:53 AM	11:58 AM	33	30	PASS	BM		X	
P-663/P-673	E EOS / D1797	07/29/15	11:53 AM	11:58 AM	38	37	PASS	BM	X		
P-663/P-673	D1797 / W EOS	07/29/15	11:55 AM	12:00 PM	30	30	PASS	BM		X	
P-685/P-686	S EOS / N EOS	07/29/15	1:11 PM	1:16 PM	31	31	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-684/P-686	N EOS / S EOS	07/29/15	1:11 PM	1:16 PM	30	30	PASS	BM		X	
P-686/P-688	S EOS / N EOS	07/29/15	3:29 PM	3:34 PM	30	28	PASS	BM		X	
P-687/P-688	E EOS / W EOS	07/29/15	3:29 PM	3:34 PM	35	33	PASS	BM		X	
P-688/P-689	E EOS / W EOS	07/29/15	3:35 PM	3:40 PM	38	36	PASS	BM		X	
P-688/P-690	N EOS / S EOS	07/29/15	4:35 PM	4:40 PM	39	39	PASS	KS		X	
P-689/P-690	S EOS / N EOS	07/29/15	4:35 PM	4:40 PM	30	30	PASS	KS		X	
P-673/P-686	E EOS / W EOS	07/29/15	4:52 PM	4:57 PM	32	29	PASS	KS		X	
P-673/P-687	E EOS / W EOS	07/29/15	4:52 PM	4:57 PM	36	34	PASS	KS		X	
P-687/P-690	S EOS / N EOS	07/29/15	4:54 PM	4:59 PM	38	37	PASS	KS		X	
P-673/P-690	E EOS / W EOS	07/29/15	4:54 PM	4:59 PM	34	33	PASS	KS		X	
P-690/P-692	S EOS / N EOS	07/29/15	4:56 PM	5:01 PM	30	30	PASS	KS		X	
P-673/P-692	E EOS / W EOS	07/29/15	4:56 PM	5:01 PM	34	32	PASS	KS		X	
P-662/P-673	W EOS / E EOS	07/29/15	5:08 PM	5:13 PM	30	28	PASS	KS		X	
P-662/P-692	E EOS / W EOS	07/29/15	5:08 PM	5:13 PM	38	38	PASS	KS		X	
P-692/P-693	S EOS / N EOS	07/29/15	5:10 PM	5:15 PM	30	30	PASS	KS		X	
P-662/P-693	E EOS / W EOS	07/29/15	5:10 PM	5:15 PM	30	28	PASS	KS		X	
P-693/P-694	S EOS / D1845	07/29/15	5:11 PM	5:16 PM	40	40	PASS	KS	X		
P-693/P-694	D1845 / N EOS	07/29/15	5:37 PM	5:42 PM	30	30	PASS	KS		X	
P-662/P-694	W EOS / E EOS	07/29/15	5:39 PM	5:44 PM	35	32	PASS	KS		X	
P-694/P-696	S EOS / N EOS	07/29/15	5:39 PM	5:44 PM	31	31	PASS	KS		X	
P-662/P-696	E EOS / W EOS	07/29/15	5:39 PM	5:44 PM	30	29	PASS	KS		X	
P-696/P-698	S EOS / N EOS	07/29/15	5:41 PM	5:46 PM	40	40	PASS	KS		X	
P-662/P-698	E EOS / W EOS	07/29/15	5:41 PM	5:46 PM	40	38	PASS	KS		X	
P-696/P-697	S EOS / N EOS	07/29/15	5:43 PM	5:48 PM	33	33	PASS	KS		X	
P-690/P-691	S EOS / N EOS	07/29/15	5:51 PM	5:56 PM	30	29	PASS	KS		X	
P-691/P-693	S EOS / N EOS	07/29/15	5:50 PM	5:55 PM	30	29	PASS	KS		X	
P-691/P-692	W EOS / E EOS	07/29/15	5:50 PM	5:55 PM	31	30	PASS	KS		X	
P-693/P-695	S EOS / N EOS	07/29/15	5:52 PM	5:57 PM	33	32	PASS	KS		X	
P-694/P-695	E EOS / W EOS	07/29/15	5:52 PM	5:57 PM	33	32	PASS	KS		X	
P-695/P-696	S EOS / N EOS	07/29/15	5:53 PM	5:58 PM	30	29	PASS	KS		X	
P-686/P-689	S EOS / D1849	07/29/15	6:06 PM	6:11 PM	31	31	PASS	KS	X		
P-686/P-689	D1849 / N EOS	07/29/15	6:06 PM	6:11 PM	31	31	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-697/P-698	E EOS / W EOS	07/29/15	6:13 PM	6:18 PM	34	34	PASS	KS		X	
P-217/P-699	E EOS / W EOS	07/30/15	11:08 AM	11:13 AM	30	29	PASS	BM		X	
P-699/P-700	E EOS / W EOS	07/30/15	11:08 AM	11:13 AM	30	28	PASS	BM		X	
P-700/P-701	E EOS / W EOS	07/30/15	11:09 AM	11:14 AM	30	29	PASS	BM		X	
P-701/P-702	E EOS / W EOS	07/30/15	11:09 AM	11:14 AM	30	30	PASS	BM		X	
P-702/P-703	E EOS / W EOS	07/30/15	11:10 AM	11:15 AM	30	30	PASS	BM		X	
P-703/P-704	E EOS / W EOS	07/30/15	11:10 AM	11:15 AM	30	28	PASS	BM		X	
P-704/P-705	E EOS / W EOS	07/30/15	11:11 AM	11:16 AM	30	29	PASS	BM		X	
P-705/P-706	E EOS / W EOS	07/30/15	11:21 AM	11:26 AM	30	30	PASS	BM		X	
P-706/P-707	E EOS / W EOS	07/30/15	11:21 AM	11:26 AM	30	28	PASS	BM		X	
P-707/P-708	E EOS / W EOS	07/30/15	11:22 AM	11:27 AM	31	30	PASS	BM		X	
P-708/P-709	E EOS / W EOS	07/30/15	11:25 AM	11:30 AM	30	29	109	BM		X	
P-709/P-710	E EOS / W EOS	07/30/15	11:23 AM	11:28 AM	30	30	PASS	BM		X	
P-709/P-711	E EOS / W EOS	07/30/15	11:37 AM	11:42 AM	30	28	PASS	BM		X	
P-710/P-711	E EOS / W EOS	07/30/15	11:23 AM	11:28 AM	30	29	PASS	BM		X	
P-711/P-712	E EOS / W EOS	07/30/15	11:38 AM	11:43 AM	31	31	PASS	BM		X	
P-711/P-713	E EOS / W EOS	07/30/15	11:38 AM	11:43 AM	31	30	PASS	BM		X	
P-712/P-713	S EOS / N EOS	07/30/15	11:38 AM	11:43 AM	32	30	PASS	BM		X	
P-717/P-718	S EOS / N EOS	07/31/15	8:20 AM	8:25 AM	40	39	PASS	BM		X	
P-718/P-722	N EOS / S EOS	07/31/15	8:21 AM	8:26 AM	34	32	PASS	BM		X	
P-717/P-722	S EOS / N EOS	07/31/15	8:21 AM	8:26 AM	49	48	PASS	BM		X	
P-717/P-719	E EOS / W EOS	07/31/15	8:22 AM	8:27 AM	32	31	PASS	BM		X	
P-719/P-722	S EOS / N EOS	07/31/15	8:22 AM	8:27 AM	30	30	PASS	BM		X	
P-719/P-720	E EOS / W EOS	07/31/15	8:33 AM	8:38 AM	36	35	PASS	BM		X	
P-720/P-722	S EOS / N EOS	07/31/15	8:33 AM	8:38 AM	32	32	PASS	BM		X	
P-720/P-721	E EOS / W EOS	07/31/15	8:34 AM	8:39 AM	40	38	PASS	BM		X	
P-721/P-722	S EOS / N EOS	07/31/15	8:34 AM	8:39 AM	37	36	PASS	BM		X	
P-712/P-722	W EOS / E EOS	07/31/15	7:53 AM	7:58 AM	32	31	PASS	BM		X	
P-713/P-714	E EOS / W EOS	07/31/15	7:55 AM	8:00 AM	30	30	PASS	BM		X	
P-714/P-722	S EOS / N EOS	07/31/15	-	-	0	0	FAIL	BM		X	Seam Capped
P-714/P-715	E EOS / W EOS	07/31/15	7:55 AM	8:00 AM	32	31	PASS	BM		X	
P-715/P-722	S EOS / N EOS	07/31/15	-	-	0	0	FAIL	BM		X	Seam Capped

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-715/P-716	E EOS / D1869	07/31/15	7:55 AM	8:00 AM	34	32	PASS	BM	X		
P-715/P-716	D1869 / W EOS	07/31/15	7:56 AM	8:01 AM	31	31	PASS	BM		X	
P-716/P-722	S EOS / N EOS	07/31/15	7:55 AM	8:00 AM	40	38	PASS	BM		X	
P-713/P-722	W EOS / E EOS	07/31/15	8:07 AM	8:12 AM	49	47	PASS	BM		X	
P-716/P-717	E EOS / W EOS	07/31/15	8:20 AM	8:25 AM	43	42	PASS	BM		X	
P-716/P-718	W EOS / E EOS	07/31/15	8:20 AM	8:25 AM	36	35	PASS	BM		X	
P-722/P-723	S EOS / D1892	07/31/15	1:17 PM	1:22 PM	34	33	PASS	KS	X		
P-722/P-723	D1892 / N EOS	07/31/15	1:20 PM	1:25 PM	30	30	PASS	KS		X	
P-712/P-723	W EOS / E EOS	07/31/15	12:57 PM	1:02 PM	30	30	PASS	KS		X	
P-723/P-724	S EOS / N EOS	07/31/15	1:00 PM	1:05 PM	30	30	PASS	KS		X	
P-724/P-725	S EOS / N EOS	07/31/15	1:01 PM	1:06 PM	30	30	PASS	KS		X	
P-725/P-726	S EOS / N EOS	07/31/15	1:02 PM	1:07 PM	30	30	PASS	KS		X	
P-726/P-727	S EOS / N EOS	07/31/15	1:03 PM	1:08 PM	30	29	PASS	KS		X	
P-727/P-728	S EOS / N EOS	07/31/15	1:05 PM	1:10 PM	30	29	PASS	KS		X	
P-728/P-730	S EOS / N EOS	07/31/15	1:31 PM	1:36 PM	30	30	PASS	KS		X	
P-729/P-730	W EOS / E EOS	07/31/15	1:36 PM	1:41 PM	30	28	PASS	KS		X	
P-728/P-729	W EOS / E EOS	07/31/15	1:31 PM	1:36 PM	30	28	PASS	KS		X	
P-730/P-732	S EOS / N EOS	07/31/15	1:44 PM	1:49 PM	30	29	PASS	KS		X	
P-728/P-731	S EOS / N EOS	07/31/15	1:51 PM	1:56 PM	30	28	PASS	KS		X	
P-730/P-731	W EOS / E EOS	07/31/15	1:51 PM	1:56 PM	30	29	PASS	KS		X	
P-731/P-732	S EOS / N EOS	07/31/15	2:00 PM	2:05 PM	31	30	PASS	KS		X	
P-732/P-733	S EOS / D1905	07/31/15	2:04 PM	2:09 PM	30	30	PASS	KS		X	
P-732/P-733	D1905 / N EOS	07/31/15	2:04 PM	2:09 PM	30	30	PASS	KS		X	
P-729/P-732	N EOS / D1923	08/01/15	7:43 AM	7:48 AM	32	30	PASS	BM	X		
P-729/P-732	D1923 / D1924	08/01/15	7:40 AM	7:45 AM	32	29	PASS	BM	X		
P-729/P-732	D1924 / D1925	08/01/15	7:51 AM	7:56 AM	39	37	PASS	BM	X		
P-729/P-732	D1925 / S EOS	08/01/15	-	-	0	0	FAIL	BM		X	Seam Capped
P-732/P-735	S EOS / N EOS	08/01/15	8:00 AM	8:05 AM	32	32	PASS	BM		X	
P-732/P-734	N EOS / S EOS	08/01/15	8:00 AM	8:05 AM	32	32	PASS	BM		X	
P-734/P-735	W EOS / E EOS	08/01/15	8:00 AM	8:05 AM	32	32	PASS	BM		X	
P-734/P-738	N EOS / S EOS	08/01/15	8:11 AM	8:16 AM	30	29	PASS	BM		X	
P-735/P-738	S EOS / N EOS	08/01/15	8:01 AM	8:06 AM	32	31	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-733/P-736	S EOS / N EOS	08/01/15	8:15 AM	8:20 AM	34	34	PASS	BM		X	
P-735/P-736	W EOS / E EOS	08/01/15	8:15 AM	8:20 AM	30	29	PASS	BM		X	
P-736/P-738	S EOS / N EOS	08/01/15	8:26 AM	8:31 AM	36	36	PASS	BM		X	
P-738/P-740	N EOS / D1920	08/01/15	8:31 AM	8:36 AM	31	30	PASS	BM	X		
P-738/P-740	D1920 / D1921	08/01/15	9:08 AM	9:13 AM	35	34	PASS	BM	X		
P-738/P-740	D1921 / N EOS	08/01/15	9:08 AM	9:13 AM	43	43	PASS	BM		X	
P-738/P-739	S EOS / N EOS	08/01/15	8:31 AM	8:36 AM	31	31	PASS	BM		X	
P-739/P-740	S EOS / N EOS	08/01/15	8:31 AM	8:36 AM	30	30	PASS	BM		X	
P-733/P-737	S EOS / N EOS	08/01/15	8:44 AM	8:49 AM	30	30	PASS	BM		X	
P-736/P-737	W EOS / E EOS	08/01/15	8:44 AM	8:49 AM	30	29	PASS	BM		X	
P-737/P-738	S EOS / N EOS	08/01/15	8:45 AM	8:50 AM	30	30	PASS	BM		X	
P-740/P-741	S EOS / D1926	08/01/15	-	-	0	0	FAIL	BM	X		Seam Capped
P-740/P-741	D1926 / N EOS	08/01/15	8:59 AM	9:04 AM	30	30	PASS	BM		X	
P-741/P-742	S EOS / N EOS	08/03/15	8:53 AM	8:58 AM	33	33	PASS	BM		X	
P-742/P-743	S EOS / D1960	08/03/15	8:43 AM	8:48 AM	38	37	PASS	BM	X		
P-740/P-742	D1958 / D1959	08/03/15	9:57 AM	10:02 AM	30	28	PASS	BM	X		
P-740/P-742	S EOS / D1958	08/03/15	10:08 AM	10:13 AM	30	30	PASS	BM	X		
P-743/P-744	N EOS / D1946	08/03/15	10:18 AM	10:23 AM	32	31	PASS	BM	X		
P-742/P-743	D1961 / N EOS	08/03/15	9:45 AM	9:50 AM	30	30	PASS	BM		X	
P-743/P-744	D1946 / S EOS	08/03/15	10:19 AM	10:24 AM	31	30	PASS	BM		X	
P-744/P-745	S EOS / N EOS	08/03/15	10:30 AM	10:35 AM	40	39	PASS	BM		X	
P-740/P-742	D1959 / N EOS	08/03/15	8:53 AM	8:58 AM	38	35	PASS	KS		X	
P-742/P-743	D1960 / D1944	08/03/15	8:48 AM	8:53 AM	38	36	PASS	KS	X		
P-742/P-743	D1944 / D1961	08/03/15	9:30 AM	9:35 AM	40	38	PASS	KS	X		
P-746/P-747	E EOS / W EOS	08/03/15	11:43 AM	11:48 AM	30	30	PASS	KS		X	
P-747/P-748	E EOS / W EOS	08/03/15	11:43 AM	11:48 AM	31	29	PASS	KS		X	
P-748/P-749	E EOS / W EOS	08/03/15	11:44 AM	11:49 AM	32	31	PASS	KS		X	
P-749/P-750	E EOS / W EOS	08/03/15	11:44 AM	11:49 AM	31	30	PASS	KS		X	
P-750/P-753	E EOS / W EOS	08/03/15	11:57 AM	12:02 PM	31	30	PASS	KS		X	
P-751/P-753	N EOS / S EOS	08/03/15	11:57 AM	12:02 PM	30	29	PASS	KS		X	
P-750/P-751	E EOS / D1957	08/03/15	11:57 AM	12:02 PM	35	33	PASS	KS	X		
P-750/P-751	D1957 / W EOS	08/03/15	11:57 AM	12:02 PM	30	28	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-753/P-754	E EOS / W EOS	08/03/15	11:58 AM	12:03 PM	30	29	PASS	KS		X	
P-751/P-754	E EOS / W EOS	08/03/15	12:00 AM	12:05 AM	31	31	PASS	KS		X	
P-751/P-752	S EOS / N EOS	08/03/15	-	-	0	0	FAIL	KS		X	Seam Capped
P-752/P-754	E EOS / W EOS	08/03/15	1:00 PM	1:05 PM	31	29	PASS	KS		X	
P-754/P-755	W EOS / E EOS	08/03/15	1:09 PM	1:14 PM	31	30	PASS	KS		X	
P-755/P-756	N EOS / S EOS	08/03/15	1:37 PM	1:42 PM	32	32	PASS	KS		X	
P-754/P-757	E EOS / W EOS	08/03/15	1:49 PM	1:54 PM	30	29	PASS	KS		X	
P-755/P-757	N EOS / S EOS	08/03/15	1:49 PM	1:54 PM	32	30	PASS	KS		X	
P-745/P-761	N EOS / S EOS	08/03/15	3:38 PM	3:43 PM	40	39	PASS	KS		X	
P-761/P-762	W EOS / E EOS	08/03/15	3:38 PM	3:43 PM	32	32	PASS	KS		X	
P-745/P-762	S EOS / N EOS	08/03/15	3:38 PM	3:43 PM	31	30	PASS	KS		X	
P-754/P-762	S EOS / N EOS	08/03/15	3:38 PM	3:43 PM	32	31	PASS	KS		X	
P-752/P-761	N EOS / S EOS	08/03/15	3:38 PM	3:43 PM	31	29	PASS	KS		X	
P-756/P-762	S EOS / N EOS	08/03/15	3:42 PM	3:47 PM	34	34	PASS	KS		X	
P-755/P-762	N EOS / S EOS	08/03/15	3:42 PM	3:47 PM	35	32	PASS	KS		X	
P-750/P-761	S EOS / N EOS	08/03/15	3:59 PM	4:04 PM	31	30	PASS	KS		X	
P-749/P-761	N EOS / S EOS	08/03/15	3:59 PM	4:04 PM	30	28	PASS	KS		X	
P-760/P-761	E EOS / D1991	08/03/15	4:12 PM	4:17 PM	32	32	PASS	KS	X		
P-760/P-761	D1991 / W EOS	08/03/15	-	-	0	0	FAIL	KS		X	Seam Capped
P-746/P-760	N EOS / S EOS	08/03/15	4:12 PM	4:17 PM	34	31	PASS	KS		X	
P-745/P-760	N EOS / S EOS	08/03/15	4:13 PM	4:18 PM	40	40	PASS	KS		X	
P-757/P-758	W EOS / E EOS	08/03/15	4:43 PM	4:48 PM	30	30	PASS	KS		X	
P-755/P-758	E EOS / W EOS	08/03/15	4:43 PM	4:48 PM	30	30	PASS	KS		X	
P-758/P-759	E EOS / W EOS	08/03/15	4:44 PM	4:49 PM	30	30	PASS	KS		X	
P-759/P-763	W EOS / D1993	08/03/15	6:15 PM	6:20 PM	30	30	PASS	KS	X		
P-759/P-763	D1993 / E EOS	08/03/15	6:50 PM	6:55 PM	40	40	PASS	KS		X	
P-758/P-763	W EOS / E EOS	08/03/15	6:15 PM	6:20 PM	30	30	PASS	KS		X	
P-763/P-765	W EOS / E EOS	08/03/15	6:16 PM	6:21 PM	30	28	PASS	KS		X	
P-763/P-764	W EOS / E EOS	08/03/15	6:16 PM	6:21 PM	30	30	PASS	KS		X	
P-764/P-765	W EOS / E EOS	08/03/15	6:16 PM	6:21 PM	30	29	PASS	KS		X	
P-756/P-758	W EOS / E EOS	08/03/15	6:33 PM	6:38 PM	38	36	PASS	KS		X	
P-745/P-765	S EOS / N EOS	08/03/15	6:35 PM	6:40 PM	34	32	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-745/P-766	D1996 / N EOS	08/03/15	6:35 PM	6:40 PM	30	30	PASS	KS	X		
P-745/P-766	S EOS / D1996	08/03/15	-	-	0	0	FAIL	KS		X	Seam Capped
P-765/P-766	W EOS / E EOS	08/03/15	6:43 PM	6:48 PM	40	40	PASS	KS		X	
P-513/P-767	W EOS / E EOS	08/04/15	5:07 PM	5:12 PM	39	36	PASS	KS		X	
P-511/P-767	W EOS / E EOS	08/04/15	5:07 PM	5:12 PM	31	31	PASS	KS		X	
P-767/P-768	W EOS / E EOS	08/04/15	5:06 PM	5:11 PM	32	31	PASS	KS		X	
P-510/P-768	W EOS / E EOS	08/04/15	5:06 PM	5:11 PM	34	34	PASS	KS		X	
P-767/P-769	W EOS / E EOS	08/04/15	5:12 PM	5:17 PM	30	30	PASS	KS		X	
P-769/P-770	W EOS / E EOS	08/04/15	5:13 PM	5:18 PM	30	30	PASS	KS		X	
P-770/P-771	W EOS / E EOS	08/04/15	5:14 PM	5:19 PM	30	30	PASS	KS		X	
P-771/P-772	W EOS / E EOS	08/04/15	5:22 PM	5:27 PM	39	38	PASS	KS		X	
P-771/P-773	E EOS / W EOS	08/04/15	5:22 PM	5:27 PM	30	27	PASS	KS		X	
P-772/P-773	S EOS / N EOS	08/04/15	5:22 PM	5:27 PM	31	30	PASS	KS		X	
P-772/P-774	W EOS / E EOS	08/04/15	5:23 PM	5:28 PM	30	30	PASS	KS		X	
P-773/P-774	E EOS / W EOS	08/04/15	5:23 PM	5:28 PM	30	29	PASS	KS		X	
P-774/P-775	W EOS / E EOS	08/04/15	5:24 PM	5:29 PM	35	34	PASS	KS		X	
P-775/P-777	W EOS / E EOS	08/04/15	5:24 PM	5:29 PM	30	30	PASS	KS		X	
P-775/P-776	W EOS / E EOS	08/04/15	5:32 PM	5:37 PM	35	34	PASS	KS		X	
P-776/P-777	W EOS / E EOS	08/04/15	5:32 PM	5:37 PM	30	30	PASS	KS		X	
P-778/P-779	W EOS / D2069	08/05/15	-	-	0	0	FAIL	KS	X		Seam Capped
P-778/P-779	D2069 / E EOS	08/05/15	11:48 AM	11:53 AM	40	38	PASS	KS		X	
P-778/P-780	W EOS / E EOS	08/05/15	11:48 AM	11:53 AM	30	29	PASS	KS		X	
P-779/P-780	S EOS / N EOS	08/05/15	11:48 AM	11:53 AM	30	28	PASS	KS		X	
P-780/P-781	W EOS / E EOS	08/05/15	11:49 AM	11:54 AM	32	32	PASS	KS		X	
P-779/P-781	E EOS / W EOS	08/05/15	11:49 AM	11:54 AM	32	31	PASS	KS		X	
P-781/P-782	W EOS / E EOS	08/05/15	11:50 AM	11:55 AM	40	38	PASS	KS		X	
P-782/P-783	W EOS / E EOS	08/05/15	11:50 AM	11:55 AM	31	30	PASS	KS		X	
P-782/P-784	W EOS / E EOS	08/05/15	12:07 PM	12:12 PM	30	30	PASS	KS		X	
P-783/P-784	S EOS / N EOS	08/05/15	12:07 PM	12:12 PM	35	35	PASS	KS		X	
P-784/P-785	W EOS / E EOS	08/05/15	12:08 PM	12:13 PM	30	28	PASS	KS		X	
P-783/P-785	E EOS / W EOS	08/05/15	12:08 PM	12:13 PM	30	29	PASS	KS		X	
P-785/P-786	W EOS / E EOS	08/05/15	2:02 PM	2:07 PM	30	28	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-786/P-788	W EOS / E EOS	08/05/15	2:23 PM	2:28 PM	30	29	PASS	BM		X	
P-788/P-789	W EOS / E EOS	08/05/15	2:03 PM	2:08 PM	30	28	PASS	BM		X	
P-789/P-790	W EOS / D2080	08/05/15	2:04 PM	2:09 PM	30	27	PASS	BM	X		
P-789/P-790	D2080 / E EOS	08/05/15	2:26 PM	2:31 PM	30	29	PASS	BM		X	
P-786/P-787	W EOS / E EOS	08/05/15	2:05 PM	2:10 PM	32	30	PASS	BM		X	
P-787/P-788	S EOS / N EOS	08/05/15	2:05 PM	2:10 PM	30	28	PASS	BM		X	
P-787/P-789	W EOS / E EOS	08/05/15	2:06 PM	2:11 PM	31	31	PASS	BM		X	
P-789/P-791	W EOS / E EOS	08/05/15	2:26 PM	2:31 PM	30	29	PASS	BM		X	
P-790/P-791	S EOS / N EOS	08/05/15	2:26 PM	2:31 PM	30	28	PASS	BM		X	
P-791/P-792	W EOS / E EOS	08/05/15	2:27 PM	2:32 PM	31	30	PASS	BM		X	
P-790/P-792	E EOS / W EOS	08/05/15	2:27 PM	2:32 PM	31	30	PASS	BM		X	
P-792/P-794	W EOS / E EOS	08/05/15	2:42 PM	2:47 PM	30	29	PASS	KS		X	
P-792/P-793	E EOS / W EOS	08/05/15	2:42 PM	2:47 PM	30	30	PASS	KS		X	
P-793/P-794	S EOS / N EOS	08/05/15	2:42 PM	2:47 PM	30	30	PASS	KS		X	
P-794/P-795	W EOS / E EOS	08/05/15	2:44 PM	2:49 PM	30	30	PASS	KS		X	
P-793/P-795	E EOS / W EOS	08/05/15	2:44 PM	2:49 PM	30	27	PASS	KS		X	
P-795/P-797	W EOS / D2065	08/05/15	-	-	0	0	FAIL	KS	X		Seam Capped
P-795/P-797	D2065 / E EOS	08/05/15	2:45 PM	2:50 PM	30	30	PASS	KS		X	
P-795/P-796	E EOS / D2091	08/05/15	2:45 PM	2:50 PM	30	30	PASS	KS	X		
P-795/P-796	D2091 / W EOS	08/05/15	2:55 PM	3:00 PM	30	30	PASS	KS		X	
P-796/P-797	N EOS / S EOS	08/05/15	2:53 PM	2:58 PM	30	29	PASS	KS		X	
P-797/P-798	W EOS / E EOS	08/05/15	2:53 PM	2:58 PM	30	28	PASS	KS		X	
P-796/P-798	E EOS / W EOS	08/05/15	2:53 PM	2:58 PM	30	28	PASS	KS		X	
P-798/P-800	W EOS / E EOS	08/05/15	3:24 PM	3:29 PM	30	30	PASS	KS		X	
P-798/P-799	E EOS / W EOS	08/05/15	3:24 PM	3:29 PM	30	29	PASS	KS		X	
P-799/P-800	S EOS / N EOS	08/05/15	3:24 PM	3:29 PM	30	29	PASS	KS		X	
P-800/P-801	W EOS / E EOS	08/05/15	3:25 PM	3:30 PM	31	31	PASS	KS		X	
P-799/P-801	E EOS / W EOS	08/05/15	3:25 PM	3:30 PM	40	39	PASS	KS		X	
P-801/P-802	S EOS / N EOS	08/05/15	3:26 PM	3:31 PM	30	29	PASS	KS		X	
P-799/P-802	E EOS / D2072	08/05/15	-	-	30	0	FAIL	KS	X		Seam Capped
P-799/P-802	D2072 / W EOS	08/05/15	3:27 PM	3:32 PM	32	31	PASS	KS		X	
P-801/P-803	W EOS / E EOS	08/05/15	3:34 PM	3:39 PM	32	31	PASS	KS		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-802/P-803	E EOS / W EOS	08/05/15	3:34 PM	3:39 PM	30	28	PASS	KS		X	
P-803/P-805	W EOS / D2085	08/05/15	3:35 PM	3:40 PM	30	28	PASS	KS	X		
P-803/P-805	D2085 / D2099	08/05/15	3:38 PM	3:43 PM	30	28	PASS	KS	X		
P-803/P-805	D2099 / D2100	08/05/15	3:43 PM	3:48 PM	31	30	PASS	KS	X		
P-803/P-805	D2100 / D2105	08/05/15	4:29 PM	4:34 PM	30	30	PASS	KS	X		
P-803/P-805	D2105 / E EOS	08/05/15	4:15 PM	4:20 PM	30	29	PASS	KS		X	
P-805/P-806	S EOS / N EOS	08/05/15	3:52 PM	3:57 PM	30	30	PASS	KS		X	
P-803/P-806	W EOS / D2094	08/05/15	3:52 PM	3:57 PM	30	30	PASS	KS	X		
P-803/P-806	D2094 / E EOS	08/05/15	-	-	0	0	FAIL	KS		X	Seam Capped
P-803/P-804	W EOS / E EOS	08/05/15	3:53 PM	3:58 PM	30	28	PASS	KS		X	
P-804/P-806	W EOS / D2101	08/05/15	3:57 PM	4:02 PM	30	28	PASS	KS	X		
P-804/P-806	D2101 / E EOS	08/05/15	3:58 PM	4:03 PM	30	30	PASS	KS		X	
P-820/P-821	S EOS / N EOS	08/06/15	4:56 AM	5:01 AM	30	30	PASS	AF		X	
P-819/P-821	N EOS / S EOS	08/06/15	4:56 AM	5:01 AM	30	29	PASS	AF		X	
P-819/P-820	W EOS / E EOS	08/06/15	4:56 AM	5:01 AM	32	30	PASS	AF		X	
P-818/P-819	N EOS / S EOS	08/06/15	4:56 AM	5:01 AM	36	34	PASS	AF		X	
P-817/P-818	W EOS / E EOS	08/06/15	4:57 AM	5:02 AM	30	29	PASS	AF		X	
P-817/P-819	E EOS / W EOS	08/06/15	4:57 AM	5:02 AM	31	30	PASS	AF		X	
P-818/P-820	W EOS / E EOS	08/06/15	5:02 AM	5:07 AM	32	32	PASS	AF		X	
P-817/P-821	S EOS / N EOS	08/06/15	5:10 AM	5:15 AM	35	35	PASS	AF		X	
P-816/P-821	N EOS / D2157	08/06/15	5:10 AM	5:15 AM	40	39	PASS	AF	X		
P-816/P-821	D2157 / S EOS	08/06/15	5:12 AM	5:17 AM	30	29	PASS	AF		X	
P-816/P-817	W EOS / E EOS	08/06/15	5:10 AM	5:15 AM	31	31	PASS	AF		X	
P-815/P-816	W EOS / E EOS	08/06/15	5:12 AM	5:17 AM	30	30	PASS	AF		X	
P-815/P-821	N EOS / S EOS	08/06/15	5:12 AM	5:17 AM	40	39	PASS	AF		X	
P-814/P-815	W EOS / E EOS	08/06/15	5:21 AM	5:26 AM	30	29	PASS	AF		X	
P-814/P-821	N EOS / S EOS	08/06/15	5:21 AM	5:26 AM	32	32	PASS	AF		X	
P-813/P-814	W EOS / E EOS	08/06/15	5:22 AM	5:27 AM	30	28	PASS	AF		X	
P-813/P-821	N EOS / S EOS	08/06/15	5:22 AM	5:27 AM	32	31	PASS	AF		X	
P-810/P-813	W EOS / E EOS	08/06/15	5:25 AM	5:30 AM	30	30	PASS	AF		X	
P-810/P-821	N EOS / S EOS	08/06/15	5:25 AM	5:30 AM	32	32	PASS	AF		X	
P-809/P-810	W EOS / E EOS	08/06/15	5:26 AM	5:31 AM	35	35	PASS	AF		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-812/P-814	W EOS / E EOS	08/06/15	5:39 AM	5:44 AM	30	30	PASS	AF		X	
P-812/P-813	N EOS / S EOS	08/06/15	5:39 AM	5:44 AM	31	29	PASS	AF		X	
P-810/P-812	E EOS / D2156	08/06/15	5:41 AM	5:46 AM	36	35	PASS	AF	X		
P-810/P-812	D2156 / W EOS	08/06/15	5:41 AM	5:46 AM	31	31	PASS	AF		X	
P-810/P-811	N EOS / S EOS	08/06/15	5:41 AM	5:46 AM	32	30	PASS	AF		X	
P-811/P-812	W EOS / E EOS	08/06/15	5:41 AM	5:46 AM	30	30	PASS	AF		X	
P-809/P-811	W EOS / E EOS	08/06/15	5:41 AM	5:46 AM	35	35	PASS	AF		X	
P-808/P-809	W EOS / E EOS	08/06/15	5:55 AM	6:00 AM	35	34	PASS	AF		X	
P-808/P-821	N EOS / S EOS	08/06/15	5:55 AM	6:00 AM	34	33	PASS	AF		X	
P-807/P-808	W EOS / E EOS	08/06/15	5:57 AM	6:02 AM	34	34	PASS	AF		X	
P-745/P-807	N EOS / D2139	08/06/15	5:57 AM	6:02 AM	40	40	PASS	AF	X		
P-745/P-807	D2139 / S EOS	08/06/15	-	-	0	0	FAIL	AF		X	Seam Capped
P-745/P-808	E EOS / W EOS	08/06/15	5:56 AM	6:01 AM	34	34	PASS	AF		X	
P-745/P-821	N EOS / S EOS	08/06/15	5:56 AM	6:01 AM	40	40	PASS	AF		X	
P-766/P-807	W EOS / E EOS	08/06/15	5:57 AM	6:02 AM	30	30	PASS	AF	X		
P-809/P-821	S EOS / N EOS	08/08/15	8:46 AM	8:51 AM	30	30	PASS	SW		X	
P-824/P-850	N EOS / D2277	08/08/15	12:12 PM	12:17 PM	30	30	PASS	AF	X		
P-824/P-850	D2277 / S EOS	08/08/15	12:12 PM	12:17 PM	30	30	PASS	AF		X	
P-850/P-851	S EOS / N EOS	08/08/15	12:13 PM	12:18 PM	30	30	PASS	AF		X	
P-850/P-852	N EOS / S EOS	08/08/15	12:13 PM	12:18 PM	30	30	PASS	AF		X	
P-851/P-852	E EOS / W EOS	08/08/15	12:13 PM	12:18 PM	30	30	PASS	AF		X	
P-851/P-854	N EOS / S EOS	08/08/15	12:14 PM	12:19 PM	30	30	PASS	AF		X	
P-852/P-854	S EOS / N EOS	08/08/15	12:14 PM	12:19 PM	30	30	PASS	AF		X	
P-851/P-855	S EOS / N EOS	08/08/15	12:26 PM	12:31 PM	30	29	PASS	AF		X	
P-854/P-855	E EOS / W EOS	08/08/15	12:26 PM	12:31 PM	30	29	PASS	AF		X	
P-855/P-856	S EOS / N EOS	08/08/15	12:27 PM	12:32 PM	40	39	PASS	AF		X	
P-854/P-856	N EOS / D2275	08/08/15	12:27 PM	12:32 PM	30	30	PASS	AF	X		
P-854/P-856	D2275 / S EOS	08/08/15	1:50 AM	1:55 AM	30	30	PASS	SW		X	
P-850/P-853	S EOS / N EOS	08/08/15	1:48 AM	1:53 AM	30	29	PASS	SW		X	
P-852/P-853	E EOS / W EOS	08/08/15	1:48 AM	1:53 AM	30	30	PASS	SW		X	
P-853/P-854	S EOS / N EOS	08/08/15	1:49 AM	1:54 AM	30	30	PASS	SW		X	
P-856/P-859	N EOS / S EOS	08/08/15	1:51 AM	1:56 AM	30	28	PASS	SW		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-858/P-859	W EOS / E EOS	08/08/15	1:51 AM	1:56 AM	31	28	PASS	SW		X	
P-856/P-858	S EOS / N EOS	08/08/15	1:51 AM	1:56 AM	30	28	PASS	SW		X	
P-859/P-861	N EOS / S EOS	08/08/15	2:10 AM	2:15 AM	30	30	PASS	SW		X	
P-858/P-861	S EOS / N EOS	08/08/15	2:10 AM	2:15 AM	30	30	PASS	SW		X	
P-861/P-867	N EOS / S EOS	08/08/15	2:15 AM	2:20 AM	30	30	PASS	SW		X	
P-866/P-867	W EOS / E EOS	08/08/15	2:15 AM	2:20 AM	30	28	PASS	SW		X	
P-861/P-866	S EOS / N EOS	08/08/15	2:15 AM	2:20 AM	30	28	PASS	SW		X	
P-865/P-866	E EOS / W EOS	08/08/15	2:18 AM	2:23 AM	30	27	PASS	SW		X	
P-861/P-865	S EOS / N EOS	08/08/15	2:18 AM	2:23 AM	30	30	PASS	SW		X	
P-864/P-865	E EOS / W EOS	08/08/15	2:29 AM	2:34 AM	30	30	PASS	SW		X	
P-861/P-864	S EOS / N EOS	08/08/15	2:29 AM	2:34 AM	30	30	PASS	SW		X	
P-861/P-863	S EOS / N EOS	08/08/15	2:32 AM	2:37 AM	30	30	PASS	SW		X	
P-863/P-864	E EOS / W EOS	08/08/15	2:32 AM	2:37 AM	30	30	PASS	SW		X	
P-862/P-863	E EOS / W EOS	08/08/15	2:35 AM	2:40 AM	30	28	PASS	SW		X	
P-861/P-862	S EOS / N EOS	08/08/15	2:35 AM	2:40 AM	30	30	PASS	SW		X	
P-857/P-861	S EOS / N EOS	08/08/15	2:43 AM	2:48 AM	30	30	PASS	SW		X	
P-857/P-858	E EOS / W EOS	08/08/15	2:43 AM	2:48 AM	30	30	PASS	SW		X	
P-856/P-857	S EOS / N EOS	08/08/15	2:44 AM	2:49 AM	30	30	PASS	SW		X	
P-857/P-860	E EOS / W EOS	08/08/15	2:47 AM	2:52 AM	30	30	PASS	SW		X	
P-856/P-860	S EOS / N EOS	08/08/15	2:47 AM	2:52 AM	38	36	PASS	SW		X	
P-860/P-861	S EOS / N EOS	08/08/15	2:48 AM	2:53 AM	30	30	PASS	SW		X	
P-867/P-868	N EOS / S EOS	08/12/15	10:13 AM	10:18 AM	31	30	PASS	AF		X	
P-866/P-868	S EOS / N EOS	08/12/15	10:13 AM	10:18 AM	30	29	PASS	AF		X	
P-865/P-868	N EOS / S EOS	08/12/15	10:14 AM	10:19 AM	30	29	PASS	AF		X	
P-864/P-868	S EOS / N EOS	08/12/15	10:14 AM	10:19 AM	35	34	PASS	AF		X	
P-863/P-868	N EOS / S EOS	08/12/15	10:15 AM	10:20 AM	31	30	PASS	AF		X	
P-862/P-868	S EOS / D2324	08/12/15	10:15 AM	10:20 AM	30	29	PASS	AF	X		
P-862/P-868	D2324 / D2325	08/12/15	10:16 AM	10:21 AM	30	28	PASS	AF	X		
P-862/P-868	D2325 / N EOS	08/12/15	10:31 AM	10:36 AM	30	28	PASS	AF		X	
P-868/P-869	N EOS / S EOS	08/12/15	10:32 AM	10:37 AM	30	30	PASS	AF		X	
P-869/P-870	N EOS / S EOS	08/12/15	10:33 AM	10:38 AM	31	30	PASS	AF		X	
P-870/P-871	N EOS / S EOS	08/12/15	10:34 AM	10:39 AM	30	30	PASS	AF		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-871/P-872	N EOS / S EOS	08/12/15	10:35 AM	10:40 AM	34	33	PASS	AF		X	
P-872/P-873	N EOS / S EOS	08/12/15	10:36 AM	10:41 AM	31	30	PASS	AF		X	
P-871/P-873	N EOS / S EOS	08/12/15	10:38 AM	10:43 AM	30	28	PASS	AF		X	
P-873/P-874	N EOS / S EOS	08/12/15	10:50 AM	10:55 AM	30	29	PASS	AF		X	
P-874/P-876	S EOS / N EOS	08/12/15	2:43 PM	2:48 PM	30	29	PASS	AF		X	
P-874/P-877	N EOS / S EOS	08/12/15	2:43 PM	2:48 PM	30	30	PASS	AF		X	
P-876/P-877	E EOS / W EOS	08/12/15	2:43 PM	2:48 PM	30	30	PASS	AF		X	
P-876/P-878	S EOS / N EOS	08/12/15	2:44 PM	2:49 PM	30	30	PASS	AF		X	
P-877/P-878	N EOS / S EOS	08/12/15	2:44 PM	2:49 PM	30	30	PASS	AF		X	
P-874/P-875	S EOS / N EOS	08/12/15	2:45 PM	2:50 PM	30	30	PASS	AF		X	
P-875/P-878	S EOS / N EOS	08/12/15	2:45 PM	2:50 PM	30	30	PASS	AF		X	
P-875/P-876	E EOS / W EOS	08/12/15	2:58 PM	3:03 PM	30	28	PASS	AF		X	
P-878/P-880	S EOS / N EOS	08/12/15	3:02 PM	3:07 PM	30	30	PASS	AF		X	
P-878/P-881	N EOS / S EOS	08/12/15	3:02 PM	3:07 PM	30	30	PASS	AF		X	
P-880/P-881	E EOS / W EOS	08/12/15	3:02 PM	3:07 PM	38	37	PASS	AF		X	
P-880/P-882	S EOS / N EOS	08/12/15	3:03 PM	3:08 PM	30	30	PASS	AF		X	
P-881/P-882	N EOS / S EOS	08/12/15	3:03 PM	3:08 PM	30	29	PASS	AF		X	
P-879/P-880	E EOS / D2363	08/12/15	3:21 PM	3:26 PM	31	30	PASS	AF	X		
P-879/P-880	D2363 / W EOS	08/12/15	3:22 PM	3:27 PM	30	28	PASS	AF		X	
P-878/P-879	S EOS / N EOS	08/12/15	3:21 PM	3:26 PM	31	30	PASS	AF		X	
P-879/P-882	S EOS / N EOS	08/12/15	3:22 PM	3:27 PM	30	29	PASS	AF		X	
P-882/P-884	N EOS / S EOS	08/12/15	3:30 PM	3:35 PM	30	28	PASS	AF		X	
P-883/P-884	S EOS / N EOS	08/12/15	3:30 AM	3:35 AM	30	28	PASS	AF		X	
P-890/P-892	N EOS / S EOS	08/13/15	9:34 AM	9:39 AM	30	30	PASS	TB		X	
P-890/P-891	E EOS / W EOS	08/13/15	9:37 AM	9:42 AM	30	29	PASS	TB		X	
P-891/P-892	N EOS / S EOS	08/13/15	9:58 AM	10:03 AM	30	30	PASS	TB		X	
P-887/P-891	N EOS / S EOS	08/13/15	9:37 AM	9:42 AM	30	30	PASS	TB		X	
P-887/P-888	N EOS / S EOS	08/13/15	9:06 AM	9:11 AM	30	28	PASS	AF		X	
P-888/P-892	N EOS / S EOS	08/13/15	9:07 AM	9:12 AM	32	29	PASS	AF		X	
P-882/P-883	S EOS / D2384	08/13/15	8:55 AM	9:00 AM	30	28	PASS	TB	X		
P-882/P-883	D2384 / N EOS	08/13/15	8:57 AM	9:02 AM	32	30	PASS	TB		X	
P-884/P-885	N EOS / S EOS	08/13/15	9:03 AM	9:08 AM	30	29	PASS	TB		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-885/P-886	N EOS / S EOS	08/13/15	9:04 AM	9:09 AM	30	30	PASS	TB		X	
P-886/P-887	N EOS / S EOS	08/13/15	9:05 AM	9:10 AM	31	30	PASS	TB		X	
P-888/P-889	W EOS / E EOS	08/13/15	9:24 AM	9:29 AM	30	30	PASS	TB		X	
P-889/P-892	N EOS / S EOS	08/13/15	9:25 AM	9:30 AM	30	29	PASS	TB		X	
P-887/P-889	N EOS / S EOS	08/13/15	9:24 AM	9:29 AM	30	30	PASS	TB		X	
P-885/P-887	N EOS / S EOS	08/13/15	9:27 AM	9:32 AM	30	30	PASS	TB		X	
P-887/P-890	N EOS / S EOS	08/13/15	9:29 AM	9:34 AM	30	30	PASS	TB		X	
P-889/P-890	E EOS / W EOS	08/13/15	9:34 AM	9:39 AM	32	30	PASS	TB		X	
P-848/P-897	E EOS / W EOS	08/14/15	9:11 AM	9:16 AM	30	30	PASS	JB		X	
P-847/P-897	W EOS / E EOS	08/14/15	9:11 AM	9:16 AM	30	29	PASS	JB		X	
P-847/P-893	W EOS / E EOS	08/14/15	9:11 AM	9:16 AM	30	30	PASS	JB		X	
P-893/P-897	S EOS / N EOS	08/14/15	9:11 AM	9:16 AM	30	28	PASS	JB		X	
P-893/P-894	W EOS / E EOS	08/14/15	9:12 AM	9:17 AM	30	30	PASS	JB		X	
P-894/P-895	W EOS / E EOS	08/14/15	9:13 AM	9:18 AM	30	30	PASS	JB		X	
P-895/P-896	W EOS / E EOS	08/14/15	9:14 AM	9:19 AM	30	29	PASS	JB		X	
P-897/P-898	E EOS / W EOS	08/14/15	9:27 AM	9:32 AM	32	32	PASS	JB		X	
P-898/P-893	W EOS / E EOS	08/14/15	9:27 AM	9:32 AM	30	30	PASS	JB		X	
P-898/P-899	E EOS / W EOS	08/14/15	9:28 AM	9:33 AM	30	30	PASS	JB		X	
P-894/P-899	W EOS / E EOS	08/14/15	9:28 AM	9:33 AM	32	32	PASS	JB		X	
P-894/P-898	N EOS / S EOS	08/14/15	9:28 AM	9:33 AM	31	0	FAIL	JB		X	Seam Capped
P-895/P-899	S EOS / N EOS	08/14/15	9:28 AM	9:33 AM	32	30	PASS	JB		X	
P-899/P-901	E EOS / W EOS	08/14/15	1:35 PM	1:40 PM	30	30	PASS	JB		X	
P-895/P-901	E EOS / W EOS	08/14/15	3:10 PM	3:15 PM	30	30	PASS	TB		X	
P-896/P-901	S EOS / N EOS	08/14/15	3:11 PM	3:16 PM	30	29	PASS	TB		X	
P-896/P-902	W EOS / E EOS	08/14/15	3:02 PM	3:07 PM	30	30	PASS	TB		X	
P-901/P-902	E EOS / W EOS	08/14/15	3:00 PM	3:05 PM	30	30	PASS	TB		X	
P-900/P-902	S EOS / N EOS	08/14/15	3:55 PM	4:00 PM	30	30	PASS	TB		X	
P-896/P-900	W EOS / E EOS	08/14/15	3:50 PM	3:55 PM	30	30	PASS	TB		X	
P-698/P-903	N EOS / D2433	08/21/15	10:05 AM	10:10 AM	32	32	PASS	SW	X		
P-698/P-903	D2433 / S EOS	08/21/15	10:10 AM	10:15 AM	35	32	PASS	SW		X	
P-697/P-903	S EOS / N EOS	08/21/15	10:09 AM	10:14 AM	32	31	PASS	SW		X	
P-903/P-904	S EOS / N EOS	08/21/15	10:12 AM	10:17 AM	31	31	PASS	SW		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-904/P-905	S EOS / N EOS	08/21/15	10:15 AM	10:20 AM	34	34	PASS	SW		X	
P-905/P-906	S EOS / N EOS	08/21/15	10:20 AM	10:25 AM	35	34	PASS	SW		X	
P-906/P-907	S EOS / N EOS	08/21/15	10:50 AM	10:55 AM	34	34	PASS	SW		X	
P-903/P-905	S EOS / N EOS	08/21/15	10:33 AM	10:38 AM	32	32	PASS	SW		X	
P-907/P-908	S EOS / N EOS	08/21/15	10:52 AM	10:57 AM	34	32	PASS	SW		X	
P-908/P-909	S EOS / N EOS	08/21/15	10:53 AM	10:58 AM	32	32	PASS	SW		X	
P-909/P-910	N EOS / D2434	08/21/15	1:22 PM	1:27 PM	34	33	PASS	SW	X		
P-909/P-910	D2434 / S EOS	08/21/15	1:22 PM	1:27 PM	35	34	PASS	SW		X	
P-910/P-911	S EOS / N EOS	08/21/15	1:25 PM	1:30 PM	32	32	PASS	SW		X	
P-911/P-912	S EOS / N EOS	08/21/15	1:27 PM	1:32 PM	34	33	PASS	SW		X	
P-912/P-913	S EOS / N EOS	08/21/15	1:30 PM	1:35 PM	33	33	PASS	SW		X	
P-913/P-914	S EOS / N EOS	08/21/15	1:34 PM	1:39 PM	31	30	PASS	SW		X	
P-914/P-915	S EOS / N EOS	08/21/15	1:36 PM	1:41 PM	35	34	PASS	SW		X	
P-915/P-916	S EOS / N EOS	08/21/15	1:46 PM	1:51 PM	36	36	PASS	SW		X	
P-916/P-917	S EOS / N EOS	08/21/15	1:55 PM	2:00 PM	33	32	PASS	SW		X	
P-917/P-918	S EOS / N EOS	08/21/15	1:58 PM	2:03 PM	35	34	PASS	SW		X	
P-918/P-919	S EOS / N EOS	08/21/15	2:24 PM	2:29 PM	36	36	PASS	SW		X	
P-919/P-920	S EOS / N EOS	08/21/15	2:46 PM	2:51 PM	30	30	PASS	SW		X	
P-920/P-921	S EOS / N EOS	08/21/15	2:51 PM	2:56 PM	32	32	PASS	SW		X	
P-921/P-922	S EOS / N EOS	08/21/15	3:50 PM	3:55 PM	31	30	PASS	SW		X	
P-922/P-923	S EOS / N EOS	08/21/15	3:52 PM	3:57 PM	32	32	PASS	SW		X	
P-923/P-924	S EOS / N EOS	08/21/15	3:55 PM	4:00 PM	34	34	PASS	SW		X	
P-924/P-925	S EOS / N EOS	08/21/15	4:23 PM	4:28 PM	33	33	PASS	SW		X	
P-925/P-926	S EOS / N EOS	08/21/15	4:24 PM	4:29 PM	30	30	PASS	SW		X	
P-926/P-927	S EOS / N EOS	08/21/15	4:26 PM	4:31 PM	33	32	PASS	SW		X	
P-927/P-928	S EOS / N EOS	08/21/15	5:08 PM	5:13 PM	33	32	PASS	SW		X	
P-928/P-929	S EOS / N EOS	08/21/15	5:09 PM	5:14 PM	35	34	PASS	SW		X	
P-929/P-930	S EOS / N EOS	08/21/15	5:19 PM	5:24 PM	35	34	PASS	SW		X	
P-930/P-931	S EOS / N EOS	08/21/15	5:27 PM	5:32 PM	34	34	PASS	SW		X	
P-634/P-932	E EOS / W EOS	08/22/15	1:52 PM	1:57 PM	34	34	PASS	BM		X	
P-635/P-932	W EOS / E EOS	08/22/15	1:53 PM	1:58 PM	32	31	PASS	BM		X	
P-932/P-933	E EOS / W EOS	08/22/15	1:59 PM	2:04 PM	33	33	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-933/P-934	W EOS / D2452	08/22/15	1:56 PM	2:01 PM	34	34	PASS	BM	X		
P-933/P-934	D2452 / D2453	08/22/15	1:57 PM	2:02 PM	34	33	PASS	BM	X		
P-933/P-934	D2453 / E EOS	08/22/15	2:33 PM	2:38 PM	35	35	PASS	BM		X	
P-934/P-935	W EOS / D2454	08/22/15	2:02 PM	2:07 PM	33	33	PASS	BM	X		
P-934/P-935	D2454 / E EOS	08/22/15	2:35 PM	2:40 PM	34	34	PASS	BM		X	
P-935/P-936	W EOS / E EOS	08/22/15	2:12 PM	2:17 PM	34	34	PASS	BM		X	
P-936/P-937	E EOS / D2449	08/22/15	2:40 PM	2:45 PM	35	33	PASS	BM	X		
P-936/P-937	D2449 / W EOS	08/22/15	2:58 PM	3:03 PM	36	36	PASS	BM		X	
P-937/P-938	E EOS / W EOS	08/22/15	2:41 PM	2:46 PM	32	30	PASS	BM		X	
P-938/P-939	E EOS / W EOS	08/22/15	2:51 PM	2:56 PM	35	35	PASS	BM		X	
P-939/P-940	W EOS / D2475	08/23/15	2:47 PM	2:52 PM	32	32	PASS	BM	X		
P-939/P-940	D2475 / E EOS	08/23/15	2:50 PM	2:55 PM	34	34	PASS	BM		X	
P-942/P-943	S EOS / N EOS	08/23/15	2:59 PM	3:04 PM	34	34	PASS	BM		X	
P-941/P-943	W EOS / E EOS	08/23/15	2:52 PM	2:57 PM	35	34	PASS	BM		X	
P-943/P-944	W EOS / E EOS	08/23/15	2:53 PM	2:58 PM	34	32	PASS	BM		X	
P-942/P-944	E EOS / W EOS	08/23/15	2:55 PM	3:00 PM	32	32	PASS	BM		X	
P-941/P-942	E EOS / W EOS	08/23/15	3:17 PM	3:22 PM	31	30	PASS	BM		X	
P-940/P-941	E EOS / W EOS	08/23/15	3:21 PM	3:26 PM	34	34	PASS	BM		X	
P-945/P-947	W EOS / E EOS	08/23/15	3:42 PM	3:47 PM	32	31	PASS	BM		X	
P-946/P-947	S EOS / N EOS	08/23/15	3:43 PM	3:48 PM	35	35	PASS	BM		X	
P-947/P-948	W EOS / E EOS	08/23/15	3:46 PM	3:51 PM	31	31	PASS	BM		X	
P-946/P-948	E EOS / W EOS	08/23/15	3:57 PM	4:02 PM	31	30	PASS	BM		X	
P-945/P-946	E EOS / W EOS	08/23/15	4:00 PM	4:05 PM	34	34	PASS	BM		X	
P-944/P-945	W EOS / E EOS	08/23/15	4:03 PM	4:08 PM	35	34	PASS	BM		X	
P-948/P-949	E EOS / D2486	08/23/15	4:04 PM	4:09 PM	30	29	PASS	BM	X		
P-948/P-949	D2486 / W EOS	08/23/15	4:34 PM	4:39 PM	35	35	PASS	BM		X	
P-949/P-950	W EOS / E EOS	08/24/15	11:13 AM	11:18 AM	32	32	PASS	BM		X	
P-950/P-952	W EOS / E EOS	08/24/15	11:15 AM	11:20 AM	32	32	PASS	BM		X	
P-952/P-953	W EOS / E EOS	08/24/15	11:29 AM	11:34 AM	32	32	PASS	BM		X	
P-953/P-954	W EOS / E EOS	08/24/15	11:28 AM	11:33 AM	30	30	PASS	BM		X	
P-954/P-956	W EOS / E EOS	08/24/15	11:31 AM	11:36 AM	34	33	PASS	BM		X	
P-956/P-957	W EOS / E EOS	08/24/15	11:33 AM	11:38 AM	35	35	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-950/P-951	S EOS / N EOS	08/24/15	11:48 AM	11:53 AM	30	28	PASS	BM		X	
P-949/P-951	W EOS / D2506	08/24/15	11:46 AM	11:51 AM	30	30	PASS	BM	X		
P-949/P-951	D2506 / E EOS	08/24/15	11:48 AM	11:53 AM	31	31	PASS	BM		X	
P-951/P-952	W EOS / E EOS	08/24/15	11:51 AM	11:56 AM	32	32	PASS	BM		X	
P-954/P-955	S EOS / N EOS	08/24/15	1:39 PM	1:44 PM	33	31	PASS	AF		X	
P-953/P-955	W EOS / E EOS	08/24/15	1:39 PM	1:44 PM	31	31	PASS	AF		X	
P-955/P-956	W EOS / E EOS	08/24/15	1:43 PM	1:48 PM	30	30	PASS	AF		X	
P-957/P-959	W EOS / E EOS	08/24/15	1:47 PM	1:52 PM	33	31	PASS	AF		X	
P-957/P-958	E EOS / W EOS	08/24/15	1:48 PM	1:53 PM	31	29	PASS	AF		X	
P-958/P-959	S EOS / N EOS	08/24/15	1:51 PM	1:56 PM	31	30	PASS	AF		X	
P-959/P-960	W EOS / E EOS	08/24/15	1:52 PM	1:57 PM	34	32	PASS	AF		X	
P-958/P-960	E EOS / W EOS	08/24/15	1:53 PM	1:58 PM	34	33	PASS	AF		X	
P-960/P-962	W EOS / E EOS	08/24/15	2:01 PM	2:06 PM	33	33	PASS	AF		X	
P-960/P-961	E EOS / D2518	08/24/15	2:02 PM	2:07 PM	35	34	PASS	AF	X		
P-960/P-961	D2518 / W EOS	08/24/15	2:09 PM	2:14 PM	33	32	PASS	AF		X	
P-961/P-962	E EOS / W EOS	08/24/15	2:02 PM	2:07 PM	30	30	PASS	AF		X	
P-962/P-963	W EOS / E EOS	08/25/15	11:47 AM	11:52 AM	34	34	PASS	BM		X	
P-964/P-966	W EOS / E EOS	08/25/15	11:50 AM	11:55 AM	33	33	PASS	BM		X	
P-963/P-964	W EOS / E EOS	08/25/15	12:50 PM	12:55 PM	34	34	PASS	BM		X	
P-966/P-967	W EOS / E EOS	08/25/15	12:54 PM	12:59 PM	34	34	PASS	BM		X	
P-972/P-973	S EOS / N EOS	08/25/15	2:33 PM	2:38 PM	36	34	PASS	BM		X	
P-969/P-970	W EOS / E EOS	08/25/15	12:59 PM	1:04 PM	35	34	PASS	BM		X	
P-970/P-971	W EOS / E EOS	08/25/15	1:12 PM	1:17 PM	31	29	PASS	BM		X	
P-971/P-972	S EOS / N EOS	08/25/15	1:24 PM	1:29 PM	33	32	PASS	BM		X	
P-970/P-972	W EOS / D2555	08/25/15	1:24 PM	1:29 PM	32	31	PASS	BM	X		
P-970/P-972	D2555 / E EOS	08/25/15	1:25 PM	1:30 PM	32	32	PASS	BM		X	
P-963/P-965	W EOS / E EOS	08/25/15	1:42 PM	1:47 PM	35	34	PASS	BM		X	
P-965/P-966	W EOS / E EOS	08/25/15	1:48 PM	1:53 PM	32	31	PASS	BM		X	
P-966/P-968	W EOS / E EOS	08/25/15	1:52 PM	1:57 PM	35	34	PASS	BM		X	
P-967/P-968	S EOS / N EOS	08/25/15	1:56 PM	2:01 PM	34	32	PASS	BM		X	
P-964/P-965	S EOS / N EOS	08/25/15	2:05 PM	2:10 PM	32	31	PASS	BM		X	
P-968/P-969	W EOS / E EOS	08/25/15	2:07 PM	2:12 PM	32	32	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-967/P-969	W EOS / D2547	08/25/15	1:07 PM	1:12 PM	34	32	PASS	BM	X		
P-967/P-969	D2547 / E EOS	08/25/15	2:22 PM	2:27 PM	33	33	PASS	BM		X	
P-973/P-974	W EOS / E EOS	08/25/15	2:35 PM	2:40 PM	33	33	PASS	BM		X	
P-970/P-973	W EOS / E EOS	08/25/15	2:43 PM	2:48 PM	31	31	PASS	BM		X	
P-972/P-974	W EOS / E EOS	08/25/15	2:48 PM	2:53 PM	30	30	PASS	BM		X	
P-972/P-975	E EOS / W EOS	08/25/15	2:54 PM	2:59 PM	32	32	PASS	BM		X	
P-974/P-976	W EOS / E EOS	08/25/15	2:57 PM	3:02 PM	34	34	PASS	BM		X	
P-974/P-975	N EOS / S EOS	08/25/15	3:32 PM	3:37 PM	33	32	PASS	BM		X	
P-975/P-976	E EOS / W EOS	08/25/15	3:33 PM	3:38 PM	30	29	PASS	BM		X	
P-981/P-982	W EOS / E EOS	08/25/15	3:52 PM	3:57 PM	32	31	PASS	BM		X	
P-982/P-983	S EOS / N EOS	08/25/15	4:05 PM	4:10 PM	33	33	PASS	BM		X	
P-981/P-983	E EOS / W EOS	08/25/15	4:04 PM	4:09 PM	30	29	PASS	BM		X	
P-979/P-980	S EOS / N EOS	08/25/15	4:08 PM	4:13 PM	34	34	PASS	BM		X	
P-977/P-979	W EOS / D2574	08/26/15	8:25 AM	8:30 AM	33	31	PASS	BM	X		
P-977/P-979	D2574 / E EOS	08/26/15	8:28 AM	8:33 AM	30	30	PASS	BM		X	
P-977/P-980	E EOS / W EOS	08/26/15	8:31 AM	8:36 AM	34	33	PASS	BM		X	
P-977/P-978	N EOS / S EOS	08/26/15	8:36 AM	8:41 AM	35	33	PASS	BM		X	
P-978/P-980	W EOS / E EOS	08/26/15	8:35 AM	8:40 AM	31	31	PASS	BM		X	
P-976/P-977	E EOS / W EOS	08/26/15	8:43 AM	8:48 AM	33	32	PASS	BM		X	
P-976/P-978	W EOS / E EOS	08/26/15	8:51 AM	8:56 AM	36	36	PASS	BM		X	
P-980/P-981	W EOS / E EOS	08/26/15	8:57 AM	9:02 AM	31	31	PASS	BM		X	
P-984/P-985	W EOS / E EOS	08/26/15	5:30 PM	5:35 PM	35	35	PASS	SW		X	
P-985/P-987	W EOS / E EOS	08/26/15	5:31 PM	5:36 PM	33	32	PASS	SW		X	
P-987/P-988	W EOS / E EOS	08/26/15	5:32 PM	5:37 PM	32	32	PASS	SW		X	
P-988/P-989	W EOS / E EOS	08/26/15	5:33 PM	5:38 PM	32	32	PASS	SW		X	
P-989/P-990	W EOS / E EOS	08/26/15	5:34 PM	5:39 PM	33	33	PASS	SW		X	
P-990/P-992	W EOS / E EOS	08/26/15	5:36 PM	5:41 PM	34	34	PASS	SW		X	
P-992/P-993	E EOS / W EOS	08/26/15	6:45 PM	6:50 PM	35	32	PASS	SW		X	
P-986/P-987	W EOS / E EOS	08/26/15	5:48 PM	5:53 PM	34	34	PASS	SW		X	
P-985/P-986	N EOS / S EOS	08/26/15	5:49 PM	5:54 PM	31	31	PASS	SW		X	
P-984/P-986	W EOS / E EOS	08/26/15	5:51 PM	5:56 PM	34	34	PASS	SW		X	
P-987/P-989	W EOS / E EOS	08/26/15	6:00 PM	6:05 PM	34	34	PASS	SW		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-989/P-991	W EOS / E EOS	08/26/15	6:33 PM	6:38 PM	35	34	PASS	SW		X	
P-990/P-991	N EOS / S EOS	08/26/15	6:24 PM	6:29 PM	36	36	PASS	SW		X	
P-991/P-992	W EOS / E EOS	08/26/15	6:19 PM	6:24 PM	32	32	PASS	SW		X	
P-993/P-995	W EOS / E EOS	08/26/15	6:33 PM	6:38 PM	32	32	PASS	SW		X	
P-995/P-996	W EOS / E EOS	08/26/15	6:41 PM	6:46 PM	34	34	PASS	SW		X	
P-996/P-997	W EOS / E EOS	08/26/15	6:42 PM	6:47 PM	34	34	PASS	SW		X	
P-993/P-994	S EOS / N EOS	08/26/15	6:31 PM	6:36 PM	36	36	PASS	SW		X	
P-992/P-994	W EOS / E EOS	08/26/15	6:30 PM	6:35 PM	35	34	PASS	SW		X	
P-994/P-995	W EOS / E EOS	08/26/15	6:36 PM	6:41 PM	33	32	PASS	SW		X	
P-997/P-998	E EOS / W EOS	08/27/15	9:25 AM	9:30 AM	32	31	PASS	JR		X	
P-998/P-999	E EOS / W EOS	08/27/15	9:27 AM	9:32 AM	31	31	PASS	JR		X	
P-999/P-1000	E EOS / W EOS	08/27/15	9:28 AM	9:33 AM	32	32	PASS	JR		X	
P-1000/P-1001	E EOS / W EOS	08/27/15	9:33 AM	9:38 AM	33	32	PASS	JR		X	
P-1001/P-1002	E EOS / W EOS	08/27/15	9:32 AM	9:37 AM	35	34	PASS	JR		X	
P-1000/P-1002	E EOS / W EOS	08/27/15	9:38 AM	9:43 AM	34	34	PASS	JR		X	
P-1002/P-1003	E EOS / W EOS	08/27/15	9:41 AM	9:46 AM	34	34	PASS	JR		X	
P-1003/P-1004	E EOS / W EOS	08/27/15	9:42 AM	9:47 AM	30	30	PASS	JR		X	
P-1004/P-1005	E EOS / W EOS	08/27/15	9:44 AM	9:49 AM	30	30	PASS	JR		X	
P-1003/P-1005	E EOS / W EOS	08/27/15	9:45 AM	9:50 AM	36	36	PASS	JR		X	
P-998/P-1009	E EOS / W EOS	08/27/15	11:48 AM	11:53 AM	34	33	PASS	JR		X	
P-1007/P-1009	S EOS / N EOS	08/27/15	11:47 AM	11:52 AM	32	31	PASS	JR		X	
P-998/P-1007	W EOS / E EOS	08/27/15	-	-	0	0	FAIL	JR		X	
P-999/P-1007	W EOS / E EOS	08/27/15	11:45 AM	11:50 AM	32	32	PASS	JR		X	
P-1002/P-1007	W EOS / E EOS	08/27/15	11:53 AM	11:58 AM	32	30	PASS	JR		X	
P-1002/P-1006	W EOS / E EOS	08/27/15	11:58 AM	12:03 PM	35	34	PASS	JR		X	
P-1006/P-1007	S EOS / N EOS	08/27/15	11:00 AM	11:05 AM	35	34	PASS	JR		X	
P-1003/P-1006	W EOS / E EOS	08/27/15	11:59 AM	12:04 PM	30	30	PASS	JR		X	
P-1009/P-1010	S EOS / N EOS	08/27/15	12:56 PM	1:01 PM	34	33	PASS	BM		X	
P-1010/P-1011	E EOS / W EOS	08/27/15	12:59 PM	1:04 PM	32	32	PASS	BM		X	
P-996/P-1011	E EOS / W EOS	08/27/15	12:57 PM	1:02 PM	30	30	PASS	BM		X	
P-995/P-1011	W EOS / E EOS	08/27/15	1:12 PM	1:17 PM	32	32	PASS	BM		X	
P-1011/P-1012	S EOS / N EOS	08/27/15	1:11 PM	1:16 PM	35	35	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-994/P-1012	W EOS / E EOS	08/27/15	1:21 PM	1:26 PM	31	30	PASS	BM		X	
P-1012/P-1015	S EOS / N EOS	08/27/15	1:22 PM	1:27 PM	31	30	PASS	BM		X	
P-992/P-1012	W EOS / E EOS	08/27/15	1:40 PM	1:45 PM	32	30	PASS	BM		X	
P-991/P-1015	E EOS / W EOS	08/27/15	1:43 PM	1:48 PM	32	31	PASS	BM		X	
P-991/P-1014	E EOS / W EOS	08/27/15	1:49 PM	1:54 PM	32	30	PASS	BM		X	
P-986/P-1014	S EOS / N EOS	08/27/15	-	-	0	0	FAIL	BM		X	
P-1014/P-1015	S EOS / N EOS	08/27/15	1:56 PM	2:01 PM	30	28	PASS	BM		X	
P-989/P-1014	W EOS / E EOS	08/27/15	1:57 PM	2:02 PM	34	33	PASS	BM		X	
P-1014/P-1016	N EOS / S EOS	08/27/15	2:02 PM	2:07 PM	32	31	PASS	BM		X	
P-1015/P-1016	N EOS / S EOS	08/27/15	2:23 PM	2:28 PM	32	31	PASS	BM		X	
P-1013/P-1015	E EOS / W EOS	08/27/15	2:25 PM	2:30 PM	33	33	PASS	BM		X	
P-1013/P-1016	S EOS / N EOS	08/27/15	-	-	0	0	FAIL	BM		X	Seam Capped
P-1012/P-1013	S EOS / N EOS	08/27/15	2:35 PM	2:40 PM	30	30	PASS	BM		X	
P-1007/P-1008	W EOS / E EOS	08/27/15	3:30 PM	3:35 PM	30	30	PASS	BM		X	
P-1008/P-1009	S EOS / N EOS	08/27/15	3:32 PM	3:37 PM	31	31	PASS	BM		X	
P-1006/P-1008	S EOS / N EOS	08/27/15	3:33 PM	3:38 PM	31	31	PASS	BM		X	
P-1005/P-1006	S EOS / N EOS	08/27/15	3:34 PM	3:39 PM	33	33	PASS	BM		X	
P-1010/P-1012	N EOS / S EOS	08/27/15	3:53 PM	3:58 PM	31	31	PASS	BM		X	
P-1013/P-1017	S EOS / N EOS	08/27/15	4:13 PM	4:18 PM	30	28	PASS	BM		X	
P-1016/P-1018	N EOS / S EOS	08/28/15	8:36 AM	8:41 AM	34	34	PASS	BM		X	
P-1017/P-1018	S EOS / N EOS	08/28/15	8:37 AM	8:42 AM	34	32	PASS	BM		X	
P-1019/P-1020	S EOS / D2660	08/28/15	8:53 AM	8:58 AM	35	35	PASS	BM	X		
P-1019/P-1020	D2660 / N EOS	08/28/15	8:55 AM	9:00 AM	36	35	PASS	BM		X	
P-1016/P-1017	W EOS / E EOS	08/28/15	9:00 AM	9:05 AM	30	30	PASS	BM		X	
P-1018/P-1019	N EOS / S EOS	08/28/15	9:08 AM	9:13 AM	34	34	PASS	BM		X	
P-1020/P-1021	N EOS / S EOS	08/28/15	9:21 AM	9:26 AM	31	31	PASS	BM		X	
P-1016/P-1019	N EOS / S EOS	08/28/15	9:34 AM	9:39 AM	34	34	PASS	BM		X	
P-1020/P-1022	N EOS / D2683	08/28/15	9:45 AM	9:50 AM	35	35	PASS	BM	X		
P-1020/P-1022	D2683 / S EOS	08/28/15	9:50 AM	9:55 AM	33	32	PASS	BM		X	
P-984/P-1019	E EOS / W EOS	08/28/15	9:53 AM	9:58 AM	30	30	PASS	BM		X	
P-986/P-1019	W EOS / D2653	08/28/15	9:53 AM	9:58 AM	31	30	PASS	BM	X		
P-986/P-1019	D2653 / E EOS	08/28/15	9:55 AM	10:00 AM	31	31	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-1028/P-1031	N EOS / S EOS	08/28/15	2:20 PM	2:25 PM	32	31	PASS	BM		X	
P-1031/P-1032	N EOS / S EOS	08/28/15	2:24 PM	2:29 PM	34	33	PASS	BM		X	
P-1032/P-1033	E EOS / W EOS	08/28/15	2:29 PM	2:34 PM	33	32	PASS	BM		X	
P-1027/P-1031	S EOS / N EOS	08/28/15	2:50 PM	2:55 PM	35	34	PASS	BM		X	
P-1026/P-1027	S EOS / N EOS	08/28/15	2:55 PM	3:00 PM	31	31	PASS	BM		X	
P-1026/P-1028	N EOS / S EOS	08/28/15	3:01 PM	3:06 PM	33	33	PASS	BM		X	
P-1027/P-1028	E EOS / W EOS	08/28/15	3:03 PM	3:08 PM	32	32	PASS	BM		X	
P-1024/P-1026	N EOS / S EOS	08/28/15	3:16 PM	3:21 PM	33	33	PASS	BM		X	
P-1022/P-1024	N EOS / S EOS	08/28/15	3:17 PM	3:22 PM	33	33	PASS	BM		X	
P-1021/P-1022	S EOS / N EOS	08/28/15	3:20 PM	3:25 PM	30	30	PASS	BM		X	
P-1022/P-1023	S EOS / N EOS	08/28/15	3:33 PM	3:38 PM	33	33	PASS	BM		X	
P-1023/P-1024	S EOS / N EOS	08/28/15	3:30 PM	3:35 PM	30	28	PASS	BM		X	
P-1024/P-1025	S EOS / N EOS	08/28/15	3:36 PM	3:41 PM	35	35	PASS	BM		X	
P-1025/P-1026	S EOS / N EOS	08/28/15	3:37 PM	3:42 PM	32	31	PASS	BM		X	
P-1031/P-1033	S EOS / N EOS	08/29/15	8:14 AM	8:19 AM	36	36	PASS	BM		X	
P-1026/P-1029	S EOS / N EOS	08/29/15	8:15 AM	8:20 AM	34	34	PASS	BM		X	
P-1027/P-1029	E EOS / W EOS	08/29/15	8:17 AM	8:22 AM	34	34	PASS	BM		X	
P-1029/P-1031	S EOS / N EOS	08/29/15	8:18 AM	8:23 AM	32	32	PASS	BM		X	
P-1029/P-1030	E EOS / W EOS	08/29/15	8:21 AM	8:26 AM	31	31	PASS	BM		X	
P-1026/P-1030	S EOS / N EOS	08/29/15	8:24 AM	8:29 AM	31	31	PASS	BM		X	
P-1030/P-1031	S EOS / D2697	08/29/15	8:28 AM	8:33 AM	34	34	PASS	BM	X		
P-1030/P-1031	D2697 / D2698	08/29/15	8:29 AM	8:34 AM	34	33	PASS	BM	X		
P-1030/P-1031	D2698 / N EOS	08/29/15	8:32 AM	8:37 AM	35	33	PASS	BM		X	
P-997/P-1009	W EOS / D2703	08/29/15	8:46 AM	8:51 AM	32	32	PASS	BM	X		
P-997/P-1009	D2703 / D2704	08/29/15	8:58 AM	9:03 AM	30	29	PASS	BM	X		
P-997/P-1009	D2704 / E EOS	08/29/15	-	-	0	0	FAIL	BM		X	Seam Capped
P-1032/P-1034	N EOS / S EOS	08/31/15	10:17 AM	10:22 AM	31	31	PASS	JB		X	
P-1033/P-1034	S EOS / N EOS	08/31/15	10:13 AM	10:18 AM	30	29	PASS	JB		X	
P-1049/P-1051	W EOS / E EOS	09/01/15	4:51 PM	4:56 PM	31	30	PASS	BM		X	
P-1051/P-1052	S EOS / N EOS	09/01/15	4:58 PM	5:03 PM	36	36	PASS	BM		X	
P-1052/P-1053	S EOS / N EOS	09/01/15	5:07 PM	5:12 PM	32	32	PASS	BM		X	
P-1052/P-1054	W EOS / E EOS	09/01/15	5:10 PM	5:15 PM	34	33	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-981/P-1054	S EOS / N EOS	09/01/15	5:17 PM	5:22 PM	32	32	PASS	BM		X	
P-981/P-1052	N EOS / S EOS	09/01/15	5:20 PM	5:25 PM	36	36	PASS	BM		X	
P-983/P-1052	S EOS / N EOS	09/01/15	5:34 PM	5:39 PM	31	29	PASS	BM		X	
P-1053/P-1055	W EOS / E EOS	09/01/15	5:42 PM	5:47 PM	34	34	PASS	BM		X	
P-1054/P-1055	N EOS / D2765	09/01/15	5:50 PM	5:55 PM	34	32	PASS	BM	X		
P-1054/P-1055	D2765 / S EOS	09/01/15	6:05 PM	6:10 PM	32	32	PASS	BM		X	
P-1035/P-1036	W EOS / E EOS	09/01/15	2:36 PM	2:41 PM	35	34	PASS	BM		X	
P-1036/P-1038	W EOS / E EOS	09/01/15	2:37 PM	2:42 PM	33	32	PASS	BM		X	
P-1036/P-1037	W EOS / E EOS	09/01/15	2:39 PM	2:44 PM	36	35	PASS	BM		X	
P-1037/P-1038	S EOS / N EOS	09/01/15	2:38 PM	2:43 PM	35	34	PASS	BM		X	
P-1037/P-1039	W EOS / E EOS	09/01/15	2:57 PM	3:02 PM	32	31	PASS	AF		X	
P-1039/P-1041	W EOS / E EOS	09/01/15	2:41 PM	2:46 PM	33	32	PASS	BM		X	
P-1039/P-1040	W EOS / E EOS	09/01/15	2:48 PM	2:53 PM	34	33	PASS	AF		X	
P-1040/P-1041	S EOS / N EOS	09/01/15	2:49 PM	2:54 PM	30	27	PASS	AF		X	
P-1041/P-1042	E EOS / W EOS	09/01/15	3:07 PM	3:12 PM	30	30	PASS	AF		X	
P-1040/P-1042	W EOS / E EOS	09/01/15	3:11 PM	3:16 PM	34	32	PASS	AF		X	
P-1042/P-1043	W EOS / E EOS	09/01/15	3:17 PM	3:22 PM	36	34	PASS	AF		X	
P-1043/P-1045	E EOS / W EOS	09/01/15	3:19 PM	3:24 PM	33	32	PASS	AF		X	
P-1043/P-1044	W EOS / E EOS	09/01/15	3:21 PM	3:26 PM	34	33	PASS	AF		X	
P-982/P-1035	W EOS / D2732	09/01/15	3:46 PM	3:51 PM	30	30	PASS	BM	X		
P-982/P-1035	D2732 / E EOS	09/01/15	3:45 PM	3:50 PM	34	34	PASS	BM		X	
P-983/P-1035	E EOS / W EOS	09/01/15	3:49 PM	3:54 PM	34	33	PASS	BM		X	
P-1044/P-1046	W EOS / E EOS	09/01/15	4:27 PM	4:32 PM	34	34	PASS	BM		X	
P-1044/P-1045	N EOS / S EOS	09/01/15	4:33 PM	4:38 PM	34	33	PASS	BM		X	
P-1046/P-1047	W EOS / E EOS	09/01/15	4:35 PM	4:40 PM	34	34	PASS	BM		X	
P-1047/P-1048	W EOS / E EOS	09/01/15	4:37 PM	4:42 PM	30	30	PASS	BM		X	
P-1048/P-1050	W EOS / E EOS	09/01/15	4:38 PM	4:43 PM	34	32	PASS	BM		X	
P-1048/P-1049	W EOS / E EOS	09/01/15	4:45 PM	4:50 PM	34	33	PASS	BM		X	
P-1049/P-1050	S EOS / N EOS	09/01/15	4:48 PM	4:53 PM	35	35	PASS	BM		X	
P-971/P-1054	S EOS / D2775	09/02/15	8:04 AM	8:09 AM	34	34	PASS	BM	X		
P-971/P-1054	D2775 / N EOS	09/02/15	10:06 AM	10:11 AM	31	31	PASS	AF		X	
P-972/P-1054	S EOS / N EOS	09/02/15	8:11 AM	8:16 AM	30	30	PASS	BM		X	
P-975/P-1054	N EOS / S EOS	09/02/15	8:15 AM	8:20 AM	31	31	PASS	BM		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-976/P-1054	S EOS / N EOS	09/02/15	8:13 AM	8:18 AM	33	33	PASS	BM		X	
P-977/P-1054	N EOS / S EOS	09/02/15	8:17 AM	8:22 AM	36	36	PASS	BM		X	
P-979/P-1054	S EOS / N EOS	09/02/15	8:21 AM	8:26 AM	31	30	PASS	BM		X	
P-980/P-1054	S EOS / N EOS	09/02/15	-	-	0	0	FAIL	AF			Seam Capped
P-1035/P-1052	N EOS / S EOS	09/02/15	9:56 AM	10:01 AM	35	32	PASS	AF		X	
P-1036/P-1052	S EOS / N EOS	09/02/15	8:52 AM	8:57 AM	31	30	PASS	BM		X	
P-1038/P-1052	N EOS / S EOS	09/02/15	9:03 AM	9:08 AM	31	30	PASS	AF		X	
P-1037/P-1052	S EOS / N EOS	09/02/15	-	-	0	0	FAIL	AF		X	Seam Capped
P-1039/P-1052	S EOS / N EOS	09/02/15	9:08 AM	9:13 AM	31	31	PASS	AF		X	
P-1041/P-1052	S EOS / N EOS	09/02/15	9:10 AM	9:15 AM	33	32	PASS	AF		X	
P-1042/P-1052	N EOS / S EOS	09/02/15	9:14 AM	9:19 AM	36	34	PASS	AF		X	
P-1043/P-1052	N EOS / S EOS	09/02/15	9:27 AM	9:32 AM	34	34	PASS	AF		X	
P-1045/P-1052	S EOS / N EOS	09/02/15	9:26 AM	9:31 AM	30	28	PASS	AF		X	
P-1046/P-1052	N EOS / S EOS	09/02/15	9:40 AM	9:45 AM	31	31	PASS	AF		X	
P-1047/P-1052	S EOS / N EOS	09/02/15	9:38 AM	9:43 AM	34	34	PASS	AF		X	
P-1048/P-1052	N EOS / S EOS	09/02/15	9:48 AM	9:53 AM	30	30	PASS	AF		X	
P-1050/P-1052	S EOS / N EOS	09/02/15	9:46 AM	9:51 AM	30	28	PASS	AF		X	
P-1053/P-1056	S EOS / N EOS	09/02/15	2:26 PM	2:31 PM	34	32	PASS	BM		X	
P-1056/P-1057	S EOS / N EOS	09/02/15	2:28 PM	2:33 PM	30	30	PASS	BM		X	
P-1053/P-1057	N EOS / S EOS	09/02/15	2:28 PM	2:33 PM	35	34	PASS	BM		X	
P-1057/P-1058	S EOS / N EOS	09/02/15	2:32 PM	2:37 PM	32	31	PASS	BM		X	
P-1053/P-1058	N EOS / S EOS	09/02/15	2:32 PM	2:37 PM	32	31	PASS	BM		X	
P-1058/P-1059	E EOS / W EOS	09/02/15	2:39 PM	2:44 PM	34	32	PASS	BM		X	
P-1053/P-1059	N EOS / S EOS	09/02/15	2:38 PM	2:43 PM	31	31	PASS	BM		X	
P-1059/P-1060	N EOS / S EOS	09/02/15	2:44 PM	2:49 PM	31	30	PASS	BM		X	
P-1058/P-1060	S EOS / N EOS	09/02/15	2:45 PM	2:50 PM	35	34	PASS	BM		X	
P-1060/P-1061	N EOS / D2790	09/02/15	2:47 PM	2:52 PM	31	30	PASS	BM	X		
P-1060/P-1061	D2790 / S EOS	09/02/15	2:47 PM	2:52 PM	30	29	PASS	BM		X	
P-1053/P-1060	N EOS / S EOS	09/02/15	2:50 PM	2:55 PM	33	31	PASS	BM		X	
P-1061/P-1064	W EOS / E EOS	09/02/15	3:21 PM	3:26 PM	30	28	PASS	BM		X	
P-1061/P-1063	S EOS / N EOS	09/02/15	3:21 PM	3:26 PM	34	30	FAIL	BM		X	Seam Capped
P-1063/P-1064	N EOS / S EOS	09/02/15	3:22 PM	3:27 PM	35	33	PASS	BM		X	
P-1062/P-1063	N EOS / S EOS	09/02/15	3:26 PM	3:31 PM	34	32	PASS	BM		X	
P-1062/P-1064	W EOS / D2794	09/02/15	3:36 PM	3:41 PM	32	31	PASS	BM	X		

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-1062/P-1064	D2794 / E EOS	09/02/15	-	-	0	0	FAIL	AF		X	Seam Capped
P-1053/P-1062	S EOS / N EOS	09/02/15	3:42 PM	3:47 PM	32	30	PASS	AF		X	
P-1053/P-1064	S EOS / N EOS	09/02/15	3:57 PM	4:02 PM	31	30	PASS	AF		X	
P-1053/P-1063	S EOS / N EOS	09/02/15	4:09 PM	4:14 PM	35	34	PASS	TB		X	
P-1063/P-1065	S EOS / N EOS	09/02/15	4:10 PM	4:15 PM	30	29	PASS	TB		X	
P-1065/P-1067	S EOS / D2801	09/02/15	-	-	0	0	FAIL	TB	X		Seam Capped
P-1065/P-1067	D2801 / D2800	09/02/15	4:23 PM	4:28 PM	32	31	PASS	TB	X		
P-1065/P-1067	D2800 / N EOS	09/02/15	4:50 PM	4:55 PM	36	35	PASS	TB		X	
P-1065/P-1066	S EOS / N EOS	09/02/15	4:51 PM	4:56 PM	31	30	PASS	TB		X	
P-1066/P-1067	S EOS / N EOS	09/02/15	4:52 PM	4:57 PM	35	34	PASS	TB		X	
P-1067/P-1068	S EOS / N EOS	09/02/15	4:54 PM	4:59 PM	32	32	PASS	TB		X	
P-1069/P-1071	S EOS / N EOS	09/03/15	8:18 AM	8:23 AM	34	34	PASS	JR		X	
P-1055/P-1069	S EOS / N EOS	09/03/15	8:18 AM	8:23 AM	33	30	PASS	JR		X	
P-1055/P-1071	N EOS / S EOS	09/03/15	8:19 AM	8:24 AM	34	34	PASS	JR		X	
P-1069/P-1070	E EOS / W EOS	09/03/15	8:29 AM	8:34 AM	31	31	PASS	JR		X	
P-1067/P-1069	N EOS / S EOS	09/03/15	8:29 AM	8:34 AM	35	34	PASS	JR		X	
P-1068/P-1070	S EOS / N EOS	09/03/15	8:37 AM	8:42 AM	32	32	PASS	JR		X	
P-1070/P-1071	S EOS / N EOS	09/03/15	8:40 AM	8:45 AM	35	34	PASS	JR		X	
P-1071/P-1072	S EOS / N EOS	09/03/15	1:04 PM	1:09 PM	30	29	PASS	TB		X	
P-1072/P-1075	S EOS / N EOS	09/03/15	1:06 PM	1:11 PM	34	33	PASS	TB		X	
P-1072/P-1074	S EOS / N EOS	09/03/15	1:03 PM	1:08 PM	30	28	PASS	TB		X	
P-1055/P-1074	S EOS / N EOS	09/03/15	1:04 PM	1:09 PM	30	30	PASS	TB		X	
P-1074/P-1075	E EOS / W EOS	09/03/15	1:12 AM	1:17 AM	30	28	PASS	SW		X	
P-1074/P-1077	S EOS / N EOS	09/03/15	1:20 AM	1:25 AM	34	34	PASS	SW		X	
P-1075/P-1077	S EOS / N EOS	09/03/15	1:25 AM	1:30 AM	30	30	PASS	SW		X	
P-1055/P-1077	E EOS / W EOS	09/03/15	1:27 AM	1:32 AM	35	34	PASS	SW		X	
P-1078/P-1079	E EOS / W EOS	09/03/15	1:31 AM	1:36 AM	32	32	PASS	SW		X	
P-1077/P-1079	S EOS / N EOS	09/03/15	1:28 AM	1:33 AM	35	34	PASS	SW		X	
P-1055/P-1078	E EOS / W EOS	09/03/15	1:34 AM	1:39 AM	35	34	PASS	SW		X	
P-1055/P-1080	E EOS / W EOS	09/03/15	1:35 PM	1:40 PM	35	35	PASS	SW		X	
P-1078/P-1080	S EOS / N EOS	09/03/15	1:37 AM	1:42 AM	35	33	PASS	SW		X	
P-1079/P-1080	S EOS / D2817	09/03/15	1:38 AM	1:43 AM	32	30	PASS	SW	X		
P-1079/P-1080	D2817 / N EOS	09/03/15	1:48 AM	1:53 AM	31	31	PASS	SW		X	
P-1080/P-1081	E EOS / W EOS	09/03/15	2:48 AM	2:53 AM	35	34	PASS	SW		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-1072/P-1073	S EOS / N EOS	09/03/15	1:57 PM	2:02 PM	32	32	PASS	SW		X	
P-1073/P-1075	S EOS / N EOS	09/03/15	1:57 PM	2:02 PM	30	28	PASS	SW		X	
P-1073/P-1076	S EOS / N EOS	09/03/15	1:59 PM	2:04 PM	33	32	PASS	SW		X	
P-1075/P-1076	E EOS / W EOS	09/03/15	2:03 PM	2:08 PM	30	30	PASS	SW		X	
P-1076/P-1077	S EOS / N EOS	09/03/15	2:10 PM	2:15 PM	34	32	PASS	SW		X	
P-1081/P-1082	E EOS / W EOS	09/03/15	2:32 PM	2:37 PM	30	30	PASS	SW		X	
P-1079/P-1082	S EOS / N EOS	09/03/15	2:19 PM	2:24 PM	33	33	PASS	SW		X	
P-1082/P-1083	S EOS / N EOS	09/03/15	2:23 PM	2:28 PM	30	30	PASS	SW		X	
P-1079/P-1081	S EOS / N EOS	09/03/15	2:35 PM	2:40 PM	35	35	PASS	SW		X	
P-1081/P-1083	S EOS / N EOS	09/03/15	2:38 PM	2:43 PM	34	33	PASS	SW		X	
P-1080/P-1083	S EOS / N EOS	09/03/15	2:43 PM	2:48 PM	32	31	PASS	SW		X	
P-1083/P-1084	S EOS / N EOS	09/09/15	2:06 PM	2:11 PM	32	31	PASS	BM		X	
P-1085/P-1086	E EOS / W EOS	09/09/15	2:39 PM	2:44 PM	32	31	PASS	JR		X	
P-1085/P-1087	S EOS / N EOS	09/09/15	2:45 PM	2:50 PM	30	30	PASS	BM		X	
P-1087/P-1088	S EOS / N EOS	09/09/15	2:17 PM	2:22 PM	31	30	PASS	BM		X	
P-1084/P-1085	S EOS / D2834	09/09/15	2:08 PM	2:13 PM	30	30	PASS	JR	X		
P-1084/P-1085	D2834 / N EOS	09/09/15	2:34 PM	2:39 PM	34	33	PASS	JR		X	
P-1084/P-1086	S EOS / N EOS	09/09/15	2:38 PM	2:43 PM	35	34	PASS	JR		X	
P-1086/P-1087	S EOS / N EOS	09/09/15	2:41 PM	2:46 PM	34	33	PASS	JR		X	
P-1088/P-1090	S EOS / N EOS	09/09/15	2:51 PM	2:56 PM	32	32	PASS	JR		X	
P-1088/P-1089	S EOS / N EOS	09/09/15	2:49 PM	2:54 PM	34	33	PASS	JR		X	
P-1089/P-1090	E EOS / W EOS	09/09/15	2:54 PM	2:59 PM	35	35	PASS	JR		X	
P-1090/P-1091	S EOS / N EOS	09/09/15	2:59 PM	3:04 PM	34	34	PASS	JR		X	
P-1089/P-1091	N EOS / S EOS	09/09/15	3:01 PM	3:06 PM	30	30	PASS	JR		X	
P-1092/P-1093	N EOS / S EOS	09/09/15	3:18 PM	3:23 PM	31	31	PASS	JR		X	
P-1092/P-1094	S EOS / D2841	09/09/15	3:38 PM	3:43 PM	35	34	PASS	JR	X		
P-1092/P-1094	D2841 / N EOS	09/09/15	3:17 PM	3:22 PM	32	32	PASS	JR		X	
P-1093/P-1094	W EOS / E EOS	09/09/15	3:22 PM	3:27 PM	31	30	PASS	JR		X	
P-1093/P-1095	N EOS / S EOS	09/09/15	3:44 PM	3:49 PM	32	31	PASS	JR		X	
P-1094/P-1095	S EOS / D2842	09/09/15	3:49 PM	3:54 PM	34	32	PASS	JR	X		
P-1094/P-1095	D2842 / N EOS	09/09/15	3:59 PM	4:04 PM	33	33	PASS	JR		X	
P-1091/P-1092	S EOS / N EOS	09/09/15	4:15 PM	4:20 PM	33	32	PASS	JR		X	
P-1096/P-1098	S EOS / N EOS	09/10/15	3:29 PM	3:34 PM	33	32	PASS	JR		X	
P-1100/P-1101	S EOS / N EOS	09/10/15	3:31 PM	3:36 PM	35	34	PASS	JR		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-1105/P-1107	S EOS / N EOS	09/10/15	3:34 PM	3:39 PM	35	32	PASS	JR		X	
P-1095/P-1096	S EOS / N EOS	09/10/15	3:46 PM	3:51 PM	33	32	PASS	JR		X	
P-1104/P-1105	S EOS / N EOS	09/10/15	3:56 PM	4:01 PM	36	36	PASS	JR		X	
P-1096/P-1097	N EOS / S EOS	09/10/15	4:06 PM	4:11 PM	31	30	PASS	JR		X	
P-1098/P-1099	N EOS / S EOS	09/10/15	4:17 PM	4:22 PM	36	36	PASS	JR		X	
P-1098/P-1100	S EOS / N EOS	09/10/15	4:17 PM	4:22 PM	32	32	PASS	JR		X	
P-1099/P-1100	E EOS / W EOS	09/10/15	4:20 PM	4:25 PM	32	32	PASS	JR		X	
P-1101/P-1103	S EOS / N EOS	09/10/15	4:50 PM	4:55 PM	31	31	PASS	JR		X	
P-1101/P-1102	N EOS / S EOS	09/10/15	4:51 PM	4:56 PM	31	30	PASS	JR		X	
P-1102/P-1103	E EOS / W EOS	09/10/15	5:03 PM	5:08 PM	34	34	PASS	JR		X	
P-1099/P-1101	N EOS / S EOS	09/10/15	5:04 PM	5:09 PM	32	30	PASS	JR		X	
P-1103/P-1104	S EOS / N EOS	09/10/15	5:09 PM	5:14 PM	35	34	PASS	JR		X	
P-1102/P-1104	N EOS / S EOS	09/10/15	5:15 PM	5:20 PM	36	32	FAIL	JR		X	
P-1106/P-1107	E EOS / W EOS	09/10/15	5:23 PM	5:28 PM	33	30	PASS	JR		X	
P-1105/P-1106	N EOS / S EOS	09/10/15	5:23 PM	5:28 PM	31	30	PASS	JR		X	
P-1107/P-1108	S EOS / N EOS	09/10/15	5:30 PM	5:35 PM	35	35	PASS	JR		X	
P-1106/P-1108	N EOS / S EOS	09/10/15	5:31 PM	5:36 PM	36	36	PASS	JR		X	
P-1097/P-1098	N EOS / S EOS	09/10/15	5:40 PM	5:45 PM	31	30	PASS	JR		X	
P-1108/P-1109	S EOS / N EOS	09/11/15	2:08 PM	2:13 PM	34	32	PASS	TB		X	
P-1109/P-1110	S EOS / N EOS	09/11/15	2:10 PM	2:15 PM	32	30	PASS	TB		X	
P-1110/P-1111	S EOS / N EOS	09/11/15	2:11 PM	2:16 PM	30	28	PASS	TB		X	
P-1111/P-1112	S EOS / N EOS	09/11/15	2:13 PM	2:18 PM	34	32	PASS	TB		X	
P-1112/P-1114	S EOS / D2913	09/11/15	2:30 PM	2:35 PM	35	34	PASS	TB	X		
P-1112/P-1114	D2913 / N EOS	09/11/15	2:31 PM	2:36 PM	31	31	PASS	TB		X	
P-1114/P-1115	S EOS / D2921	09/11/15	2:28 PM	2:33 PM	32	30	PASS	TB	X		
P-1114/P-1115	D2921 / N EOS	09/11/15	3:11 PM	3:16 PM	36	36	PASS	TB		X	
P-1115/P-1117	S EOS / N EOS	09/11/15	2:50 PM	2:55 PM	36	35	PASS	TB		X	
P-1109/P-1111	S EOS / N EOS	09/11/15	2:56 PM	3:01 PM	32	31	PASS	TB		X	
P-1111/P-1113	S EOS / N EOS	09/11/15	3:00 PM	3:05 PM	32	31	PASS	TB		X	
P-1112/P-1113	E EOS / W EOS	09/11/15	3:01 PM	3:06 PM	32	32	PASS	TB		X	
P-1113/P-1114	S EOS / N EOS	09/11/15	3:04 PM	3:09 PM	34	34	PASS	TB		X	
P-1114/P-1116	S EOS / N EOS	09/11/15	3:11 PM	3:16 PM	32	32	PASS	TB		X	
P-1115/P-1116	E EOS / W EOS	09/11/15	3:16 PM	3:21 PM	30	30	PASS	TB		X	
P-1116/P-1117	S EOS / N EOS	09/11/15	3:14 PM	3:19 PM	36	36	PASS	TB		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-1119/P-1120	E EOS / W EOS	09/11/15	3:58 PM	4:03 PM	30	30	PASS	TB		X	
P-1118/P-1119	N EOS / S EOS	09/11/15	3:59 PM	4:04 PM	31	30	PASS	TB		X	
P-1118/P-1120	S EOS / N EOS	09/11/15	3:59 PM	4:04 PM	30	30	PASS	TB		X	
P-1119/P-1121	N EOS / S EOS	09/11/15	3:58 PM	4:03 PM	31	30	PASS	TB		X	
P-1120/P-1121	S EOS / N EOS	09/11/15	4:12 PM	4:17 PM	34	34	PASS	TB		X	
P-1121/P-1122	S EOS / N EOS	09/11/15	4:10 PM	4:15 PM	30	30	PASS	TB		X	
P-1117/P-1118	S EOS / N EOS	09/11/15	4:14 PM	4:19 PM	36	36	PASS	TB		X	
P-1122/P-1123	S EOS / N EOS	09/12/15	2:47 PM	2:52 PM	33	32	PASS	JR		X	
P-1123/P-1124	N EOS / S EOS	09/12/15	2:51 PM	2:56 PM	32	32	PASS	JR		X	
P-1123/P-1125	S EOS / N EOS	09/12/15	2:50 PM	2:55 PM	35	35	PASS	JR		X	
P-1124/P-1125	N EOS / S EOS	09/12/15	2:51 PM	2:56 PM	32	32	PASS	JR		X	
P-1125/P-1126	N EOS / S EOS	09/12/15	2:55 PM	3:00 PM	35	33	PASS	JR		X	
P-1125/P-1127	S EOS / N EOS	09/12/15	2:55 PM	3:00 PM	36	34	PASS	JR		X	
P-1126/P-1127	E EOS / W EOS	09/12/15	2:55 PM	3:00 PM	33	32	PASS	JR		X	
P-1126/P-1128	N EOS / S EOS	09/12/15	3:00 PM	3:05 PM	32	32	PASS	JR		X	
P-1127/P-1128	S EOS / N EOS	09/12/15	3:00 PM	3:05 PM	32	32	PASS	JR		X	
P-1128/P-1129	N EOS / S EOS	09/12/15	3:04 PM	3:09 PM	34	32	PASS	JR		X	
P-1128/P-1130	S EOS / N EOS	09/12/15	3:04 PM	3:09 PM	30	30	PASS	JR		X	
P-1129/P-1130	E EOS / W EOS	09/12/15	3:05 PM	3:10 PM	35	35	PASS	JR		X	
P-1129/P-1131	N EOS / S EOS	09/12/15	3:07 PM	3:12 PM	36	35	PASS	JR		X	
P-1130/P-1131	S EOS / N EOS	09/12/15	3:08 PM	3:13 PM	34	34	PASS	JR		X	
P-1131/P-1132	N EOS / S EOS	09/12/15	3:12 PM	3:17 PM	36	35	PASS	JR		X	
P-1131/P-1133	S EOS / N EOS	09/12/15	3:11 PM	3:16 PM	35	34	PASS	JR		X	
P-1132/P-1134	N EOS / S EOS	09/12/15	3:15 PM	3:20 PM	32	30	PASS	JR		X	
P-1133/P-1134	S EOS / N EOS	09/12/15	3:15 PM	3:20 PM	36	35	PASS	JR		X	
P-1132/P-1133	E EOS / W EOS	09/12/15	3:12 PM	3:17 PM	32	30	PASS	JR		X	
P-931/P-1164	E EOS / W EOS	09/14/15	9:15 AM	9:20 AM	31	29	PASS	JR		X	
P-931/P-1177	S EOS / N EOS	09/14/15	-	-	0	0	FAIL	JR		X	
P-930/P-1164	W EOS / E EOS	09/14/15	9:15 AM	9:20 AM	35	34	PASS	JR		X	
P-1161/P-1164	E EOS / W EOS	09/14/15	9:47 AM	9:52 AM	34	34	PASS	JR		X	
P-1160/P-1164	W EOS / E EOS	09/14/15	9:48 AM	9:53 AM	34	34	PASS	JR		X	
P-1160/P-1161	N EOS / S EOS	09/14/15	9:48 AM	9:53 AM	33	33	PASS	JR		X	
P-1155/P-1161	E EOS / W EOS	09/14/15	9:52 AM	9:57 AM	30	28	PASS	JR		X	
P-1155/P-1160	W EOS / E EOS	09/14/15	9:53 AM	9:58 AM	34	33	PASS	JR		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-1154/P-1155	W EOS / D3047	09/14/15	9:54 AM	9:59 AM	32	31	PASS	JR	X		
P-1154/P-1155	D3047 / E EOS	09/14/15	9:55 AM	10:00 AM	30	30	PASS	JR		X	
P-1155/P-1177	W EOS / E EOS	09/14/15	9:57 AM	10:02 AM	30	30	PASS	JR		X	
P-1163/P-1164	N EOS / S EOS	09/14/15	10:01 AM	10:06 AM	31	31	PASS	JR		X	
P-930/P-1163	W EOS / E EOS	09/14/15	10:01 AM	10:06 AM	34	34	PASS	JR		X	
P-929/P-1163	E EOS / W EOS	09/14/15	10:02 AM	10:07 AM	33	31	PASS	JR		X	
P-928/P-1162	W EOS / E EOS	09/14/15	10:04 AM	10:09 AM	31	30	PASS	JR		X	
P-1162/P-1163	N EOS / S EOS	09/14/15	10:05 AM	10:10 AM	34	34	PASS	JR		X	
P-1160/P-1163	E EOS / W EOS	09/14/15	10:07 AM	10:12 AM	34	34	PASS	JR		X	
P-1160/P-1162	W EOS / E EOS	09/14/15	10:07 AM	10:12 AM	32	32	PASS	JR		X	
P-1159/P-1160	S EOS / N EOS	09/14/15	10:10 AM	10:15 AM	35	34	PASS	JR		X	
P-1155/P-1159	W EOS / E EOS	09/14/15	10:09 AM	10:14 AM	32	31	PASS	JR		X	
P-927/P-1162	E EOS / W EOS	09/14/15	10:15 AM	10:20 AM	33	30	PASS	JR		X	
P-1159/P-1162	E EOS / W EOS	09/14/15	10:14 AM	10:19 AM	32	32	PASS	JR		X	
P-927/P-1159	W EOS / E EOS	09/14/15	10:14 AM	10:19 AM	35	32	PASS	JR		X	
P-1153/P-1154	N EOS / S EOS	09/14/15	10:17 AM	10:22 AM	33	33	PASS	JR		X	
P-1153/P-1155	W EOS / E EOS	09/14/15	10:18 AM	10:23 AM	34	34	PASS	JR		X	
P-1152/P-1153	N EOS / S EOS	09/14/15	10:21 AM	10:26 AM	35	34	PASS	JR		X	
P-1152/P-1155	W EOS / E EOS	09/14/15	10:20 AM	10:25 AM	30	30	PASS	JR		X	
P-926/P-1159	E EOS / W EOS	09/14/15	10:23 AM	10:28 AM	35	35	PASS	JR		X	
P-925/P-1159	E EOS / W EOS	09/14/15	-	-	0	0	FAIL	JR		X	Seam Capped
P-1158/P-1159	N EOS / S EOS	09/14/15	10:25 AM	10:30 AM	30	30	PASS	JR		X	
P-925/P-1158	W EOS / E EOS	09/14/15	10:27 AM	10:32 AM	30	30	PASS	JR		X	
P-1155/P-1158	W EOS / E EOS	09/14/15	10:32 AM	10:37 AM	30	30	PASS	JR		X	
P-1151/P-1155	W EOS / E EOS	09/14/15	10:34 AM	10:39 AM	30	30	PASS	JR		X	
P-1150/P-1152	E EOS / W EOS	09/14/15	10:37 AM	10:42 AM	30	30	PASS	JR		X	
P-1150/P-1151	W EOS / E EOS	09/14/15	10:36 AM	10:41 AM	30	30	PASS	JR		X	
P-1151/P-1152	N EOS / S EOS	09/14/15	10:41 AM	10:46 AM	30	30	PASS	JR		X	
P-924/P-1158	E EOS / W EOS	09/14/15	10:55 AM	11:00 AM	30	30	PASS	JR		X	
P-923/P-1158	W EOS / E EOS	09/14/15	11:23 AM	11:28 AM	30	30	PASS	JR		X	
P-922/P-1158	E EOS / W EOS	09/14/15	11:26 AM	11:31 AM	30	27	PASS	JR		X	
P-922/P-1157	W EOS / E EOS	09/14/15	11:27 AM	11:32 AM	30	22	FAIL	JR		X	Seam Capped
P-1157/P-1158	N EOS / S EOS	09/14/15	11:28 AM	11:33 AM	30	27	PASS	JR		X	
P-1155/P-1157	W EOS / E EOS	09/14/15	11:31 AM	11:36 AM	30	30	PASS	JR		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-921/P-1157	E EOS / W EOS	09/14/15	11:46 AM	11:51 AM	30	30	PASS	JR		X	
P-920/P-1157	W EOS / E EOS	09/14/15	11:47 AM	11:52 AM	30	30	PASS	JR		X	
P-919/P-1157	E EOS / D4009	09/14/15	11:51 AM	11:56 AM	30	27	PASS	JR	X		
P-919/P-1157	D4009 / W EOS	09/14/15	11:50 AM	11:55 AM	30	28	PASS	JR		X	
P-918/P-1135	W EOS / E EOS	09/14/15	1:23 PM	1:28 PM	30	30	PASS	JR		X	
P-1135/P-1155	S EOS / N EOS	09/14/15	1:17 PM	1:22 PM	30	30	PASS	JR		X	
P-1135/P-1136	W EOS / E EOS	09/14/15	1:16 PM	1:21 PM	30	29	PASS	JR		X	
P-1136/P-1151	N EOS / S EOS	09/14/15	1:18 PM	1:23 PM	30	29	PASS	JR		X	
P-1136/P-1150	W EOS / E EOS	09/14/15	-	-	0	0	FAIL	JR		X	Seam Capped
P-1136/P-1147	W EOS / E EOS	09/14/15	1:40 PM	1:45 PM	30	30	PASS	JR		X	
P-1147/P-1150	N EOS / S EOS	09/14/15	1:41 PM	1:46 PM	30	29	PASS	JR		X	
P-1150/P-1156	E EOS / W EOS	09/14/15	1:43 PM	1:48 PM	30	30	PASS	JR		X	
P-1147/P-1156	W EOS / E EOS	09/14/15	1:44 PM	1:49 PM	30	30	PASS	JR		X	
P-1147/P-1148	W EOS / E EOS	09/14/15	1:51 PM	1:56 PM	30	29	PASS	JR		X	
P-1148/P-1156	N EOS / S EOS	09/14/15	1:50 PM	1:55 PM	30	30	PASS	JR		X	
P-917/P-1135	W EOS / E EOS	09/14/15	2:06 PM	2:11 PM	30	29	PASS	JR		X	
P-916/P-1135	E EOS / W EOS	09/14/15	2:07 PM	2:12 PM	30	30	PASS	JR		X	
P-915/P-1135	W EOS / D4011	09/14/15	2:08 PM	2:13 PM	30	29	PASS	JR	X		
P-915/P-1135	D4011 / E EOS	09/14/15	2:16 PM	2:21 PM	30	29	PASS	JR		X	
P-914/P-1135	W EOS / E EOS	09/14/15	2:15 PM	2:20 PM	30	30	PASS	JR		X	
P-913/P-1135	E EOS / W EOS	09/14/15	2:28 PM	2:33 PM	30	30	PASS	JR		X	
P-912/P-1135	W EOS / E EOS	09/14/15	2:29 PM	2:34 PM	30	29	PASS	JR		X	
P-911/P-1135	E EOS / D4012	09/14/15	2:34 PM	2:39 PM	40	37	PASS	JR	X		
P-911/P-1135	D4012 / W EOS	09/14/15	2:36 PM	2:41 PM	30	30	PASS	JR		X	
P-910/P-1135	W EOS / D3100	09/14/15	2:31 PM	2:36 PM	30	28	PASS	JR	X		
P-910/P-1135	D3100 / E EOS	09/14/15	-	-	0	0	FAIL	JR		X	Seam Capped
P-1135/P-1140	W EOS / E EOS	09/14/15	2:41 PM	2:46 PM	30	30	PASS	JR		X	
P-909/P-1140	W EOS / E EOS	09/14/15	2:46 PM	2:51 PM	30	30	PASS	JR		X	
P-908/P-1140	E EOS / W EOS	09/14/15	3:04 PM	3:09 PM	30	30	PASS	JR		X	
P-907/P-1140	W EOS / E EOS	09/14/15	3:05 PM	3:10 PM	30	29	PASS	JR		X	
P-1138/P-1140	W EOS / D4013	09/14/15	4:10 PM	4:15 PM	30	28	PASS	JR	X		
P-1138/P-1140	D4013 / E EOS	09/14/15	4:15 PM	4:20 PM	30	30	PASS	JR		X	
P-906/P-1138	W EOS / E EOS	09/14/15	3:09 PM	3:14 PM	30	30	PASS	JR		X	
P-1138/P-1139	W EOS / E EOS	09/14/15	3:12 PM	3:17 PM	30	30	PASS	JR		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-905/P-1139	W EOS / E EOS	09/14/15	3:13 PM	3:18 PM	30	29	PASS	JR		X	
P-904/P-1139	W EOS / D4016	09/14/15	3:31 PM	3:36 PM	30	28	PASS	JR	X		
P-904/P-1139	D4016 / E EOS	09/14/15	3:33 PM	3:38 PM	30	30	PASS	JR		X	
P-903/P-1139	W EOS / E EOS	09/14/15	3:36 PM	3:41 PM	30	29	PASS	JR		X	
P-1137/P-1138	S EOS / N EOS	09/14/15	3:46 PM	3:51 PM	30	30	PASS	JR		X	
P-1135/P-1137	W EOS / E EOS	09/14/15	2:46 PM	2:51 PM	30	30	PASS	JR		X	
P-1135/P-1138	E EOS / W EOS	09/14/15	3:55 PM	4:00 PM	30	30	PASS	JR		X	
P-698/P-1139	S EOS / N EOS	09/14/15	3:58 PM	4:03 PM	30	30	PASS	JR		X	
P-662/P-1139	S EOS / D3065	09/14/15	4:25 PM	4:30 PM	30	30	PASS	JR	X		
P-662/P-1139	D3065 / N EOS	09/14/15	4:28 PM	4:33 PM	30	30	PASS	JR		X	
P-660/P-1137	S EOS / N EOS	09/14/15	4:51 PM	4:56 PM	30	30	PASS	JR		X	
P-660/P-1135	N EOS / S EOS	09/14/15	-	-	0	0	FAIL	JR		X	Seam Capped
P-662/P-1137	W EOS / E EOS	09/14/15	4:50 PM	4:55 PM	30	30	PASS	JR		X	
P-1137/P-1139	E EOS / W EOS	09/14/15	4:47 PM	4:52 PM	30	30	PASS	JR		X	
P-655/P-1135	S EOS / N EOS	09/14/15	4:52 PM	4:57 PM	30	30	PASS	JR		X	
P-655/P-1136	N EOS / S EOS	09/14/15	4:58 PM	5:03 PM	30	30	PASS	JR		X	
P-654/P-1136	S EOS / N EOS	09/14/15	4:59 PM	5:04 PM	30	30	PASS	JR		X	
P-654/P-1147	E EOS / W EOS	09/14/15	5:00 PM	5:05 PM	30	30	PASS	JR		X	
P-653/P-1147	N EOS / S EOS	09/14/15	5:01 PM	5:06 PM	30	30	PASS	JR		X	
P-653/P-1141	S EOS / N EOS	09/14/15	-	-	0	0	FAIL	JR		X	Seam Capped
P-652/P-1141	N EOS / S EOS	09/14/15	5:12 PM	5:17 PM	30	30	PASS	JR		X	
P-652/P-1144	N EOS / S EOS	09/14/15	5:13 PM	5:18 PM	30	28	PASS	JR		X	
P-661/P-1144	N EOS / S EOS	09/14/15	5:14 PM	5:19 PM	30	29	PASS	JR		X	
P-1141/P-1144	W EOS / E EOS	09/14/15	5:25 PM	5:30 PM	30	30	PASS	JR		X	
P-1141/P-1142	S EOS / N EOS	09/14/15	5:26 PM	5:31 PM	30	30	PASS	JR		X	
P-1141/P-1147	W EOS / E EOS	09/14/15	5:27 PM	5:32 PM	30	30	PASS	JR		X	
P-1142/P-1144	W EOS / E EOS	09/14/15	5:32 PM	5:37 PM	30	28	PASS	JR		X	
P-1142/P-1147	W EOS / E EOS	09/14/15	5:41 PM	5:46 PM	30	30	PASS	BM		X	
P-1144/P-1146	N EOS / S EOS	09/14/15	5:31 PM	5:36 PM	30	29	PASS	JR		X	
P-1142/P-1146	W EOS / E EOS	09/14/15	5:35 PM	5:40 PM	30	29	PASS	JR		X	
P-1145/P-1146	N EOS / S EOS	09/14/15	5:35 PM	5:40 PM	30	30	PASS	JR		X	
P-1142/P-1143	N EOS / S EOS	09/14/15	5:42 PM	5:47 PM	30	29	PASS	JR		X	
P-1143/P-1145	W EOS / E EOS	09/14/15	5:43 PM	5:48 PM	30	30	PASS	JR		X	
P-1143/P-1147	W EOS / E EOS	09/14/15	5:46 PM	5:51 PM	30	30	PASS	JR		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-1143/P-1149	N EOS / S EOS	09/14/15	5:47 PM	5:52 PM	30	30	PASS	JR		X	
P-1147/P-1149	E EOS / W EOS	09/14/15	5:48 PM	5:53 PM	30	30	PASS	JR		X	
P-1148/P-1149	N EOS / S EOS	09/14/15	5:50 PM	5:55 PM	30	30	PASS	JR		X	
P-918/P-1157	E EOS / W EOS	09/14/15	-	-	0	0	FAIL	JR		X	Seam Capped
P-906/P-1139	E EOS / W EOS	09/14/15	-	-	0	0	FAIL	JR		X	Seam Capped
P-906/P-1140	E EOS / W EOS	09/14/15	-	-	0	0	FAIL	JR		X	Seam Capped
P-1165/P-1179	W EOS / E EOS	09/16/15	2:48 PM	2:53 PM	37	36	PASS	BM		X	
P-1166/P-1167	S EOS / N EOS	09/16/15	2:43 PM	2:48 PM	32	30	PASS	BM		X	
P-1165/P-1166	S EOS / D4037	09/16/15	2:53 PM	2:58 PM	34	34	PASS	JB	X		
P-1165/P-1166	D4037 / D4038	09/16/15	3:30 PM	3:35 PM	30	29	PASS	JB	X		
P-1165/P-1166	D4038 / N EOS	09/16/15	3:53 PM	3:58 PM	32	32	PASS	JB		X	
P-1167/P-1168	D4023 / N EOS	09/16/15	3:00 PM	3:05 PM	30	30	PASS	JB		X	
P-1167/P-1168	S EOS / D4023	09/16/15	3:18 PM	3:23 PM	30	30	PASS	JB	X		
P-1134/P-1165	S EOS / D4019	09/16/15	3:51 PM	3:56 PM	34	33	PASS	JB	X		
P-1134/P-1165	D4018 / D4019	09/16/15	3:50 PM	3:55 PM	32	32	PASS	JB	X		
P-1134/P-1165	D4018 / N EOS	09/16/15	3:49 PM	3:54 PM	32	31	PASS	JB		X	
P-931/P-1179	N EOS / S EOS	09/16/15	4:26 PM	4:31 PM	30	29	PASS	JB		X	
P-1166/P-1179	N EOS / S EOS	09/16/15	4:17 PM	4:22 PM	30	30	PASS	JB		X	
P-1178/P-1179	W EOS / E EOS	09/16/15	4:16 PM	4:21 PM	30	30	PASS	JB		X	
P-1166/P-1178	N EOS / S EOS	09/16/15	4:18 PM	4:23 PM	30	30	PASS	JB		X	
P-1166/P-1177	N EOS / S EOS	09/16/15	4:36 PM	4:41 PM	30	30	PASS	JB		X	
P-1164/P-1178	N EOS / S EOS	09/16/15	4:16 PM	4:21 PM	30	30	PASS	JB		X	
P-1161/P-1177	N EOS / S EOS	09/16/15	4:35 PM	4:40 PM	34	34	PASS	JB		X	
P-1177/P-1178	E EOS / W EOS	09/16/15	4:37 PM	4:42 PM	30	30	PASS	JB		X	
P-1155/P-1166	N EOS / S EOS	09/16/15	4:40 PM	4:45 PM	32	31	PASS	JB		X	
P-1168/P-1169	N EOS / S EOS	09/16/15	4:51 PM	4:56 PM	33	31	PASS	JB		X	
P-1169/P-1170	N EOS / D4039	09/16/15	5:01 PM	5:06 PM	30	30	PASS	JB	X		
P-1169/P-1170	D4039 / S EOS	09/16/15	5:06 PM	5:11 PM	30	30	PASS	JB		X	
P-1168/P-1170	N EOS / S EOS	09/16/15	4:53 PM	4:58 PM	32	31	PASS	JB		X	
P-1170/P-1171	N EOS / D4025	09/16/15	5:08 PM	5:13 PM	30	30	PASS	JR	X		
P-1170/P-1171	D4025 / S EOS	09/16/15	5:08 PM	5:13 PM	30	30	PASS	JB		X	
P-1171/P-1172	N EOS / D3125	09/16/15	5:13 PM	5:18 PM	30	30	PASS	JB	X		
P-1171/P-1172	D3125 / S EOS	09/16/15	5:16 PM	5:21 PM	37	37	PASS	JB		X	
P-1173/P-1174	N EOS / D3132	09/16/15	5:22 PM	5:27 PM	34	34	PASS	JB	X		

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch Valley Leach Facility-Phase 1
(9,450' Bench to 9,550 Bench)
Geomembrane Seam Pressure Testing Summary**



SEAM NUMBER	SEAM SECTION	TEST DATE	TIME		PRESSURE		PASS/ FAIL	QA MON	SEAM COMPLETE		REMARKS
	FROM / TO		START	FINISH	INITIAL (psi)	FINAL (psi)			NO	YES	
P-1173/P-1174	D3132 / D3134	09/16/15	5:22 PM	5:27 PM	30	28	PASS	JB	X		
P-1173/P-1174	D3134 / S EOS	09/16/15	5:24 PM	5:29 PM	32	31	PASS	JB		X	
P-1174/P-1175	S EOS / N EOS	09/16/15	5:42 PM	5:47 PM	30	30	PASS	JR		X	
P-1172/P-1173	S EOS / N EOS	09/16/15	5:44 PM	5:49 PM	31	30	PASS	JR		X	
P-1170/P-1176	N EOS / S EOS	09/16/15	5:47 PM	5:52 PM	30	29	PASS	JR		X	
P-1169/P-1176	W EOS / E EOS	09/16/15	5:47 PM	5:52 PM	34	34	PASS	JR		X	
P-442/P-1174	E EOS / W EOS	09/16/15	-	-	0	0	FAIL	JR		X	
P-442/P-1173	E EOS / W EOS	09/16/15	-	-	0	0	FAIL	JR		X	

Acronyms: EOS-End of Seam
N, S, E, W-Cardinal Directions

Note:
Grey text reflects tests/reporting not performed within the 9,450' to 9,550' elevation bench footprint.

Appendix J.7

80-mil LLDPE DSMS Geomembrane Acceptance Notifications

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>Sunny</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>04/06/15</u>
Work Activity: <u>80-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch</u>	
Items Inspected: <u>Visual inspection of installed panels ✓</u>	
<u>Visual inspection of wedge welds ✓</u>	
<u>Visual inspection of extrusion welding ✓</u>	
<u>Survey completed ✓</u>	
Tests Completed: <u>Air testing on seams ✓</u>	
<u>Vacuum box testing on extrusion welds ✓</u>	
<u>Repairs and patches tested as required ✓</u>	
<u>3rd party conformance tests ✓</u>	
Deficient Items: <u>NONE</u>	
Remedial Action: <u>NONE</u>	
Accepted: Yes <u>X</u> No _____	
Explain: <u>PANELS P-1 - P-19 AND P-115 - P-121 APPROVED FOR DRAIN COVER PLACEMENT.</u>	
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



SEE ATTACHED
DESCRIPTION FOR
PANEL NUMBERS

LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY	RBR	CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY	ISSUED DATE	04/06/15
APR BY	ALM	PROJECT	PHASE 1	PROJECT No.	74201125N0
DRN BY	MGC	TITLE	SQUAW GULCH VALLEY LEACH FACILITY	FIGURE No.	1
DSN BY	TLB		WEEKLY LINER ACCEPTANCE 4/6/15	REV	0

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>Sunny</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>04/14/15</u>
Work Activity: <u>80-mil LLDPE Geomembrane Liner</u> ✓	
Area/Location: <u>See attached sketch</u>	
Items Inspected: <u>Visual inspection of installed panels</u> ✓	
<u>Visual inspection of wedge welds</u> ✓	
<u>Visual inspection of extrusion welding</u> ✓	
<u>Survey completed</u> ✓	
Tests Completed: <u>Air testing on seams</u> ✓	
<u>Vacuum box testing on extrusion welds</u> ✓	
<u>Repairs and patches tested as required</u> ✓	
<u>3rd party conformance tests</u> ✓	
Deficient Items: <u>yes</u>	
Remedial Action: <u>Repairs completed by extruding and vacuum tested</u>	
Accepted: Yes <u>X</u> No _____	
Explain: <u>Panels 20 thru 82 - Accepted for drain cover placement on 04/15/15</u>	
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



LEGEND ACCEPTED PHASE 1 LLDPE LINER AREA		CHK BY	CLIENT	ISSUED DATE
	APR BY	CRIPPLE CREEK & VICTOR MINING COMPANY	PROJECT	04/14/15
	DRN BY	PHASE 1	PROJECT No.	74201125N0
	DSN BY	SQUAW GULCH VALLEY LEACH FACILITY	FIGURE No.	1
		TLB	WEEKLY LINER ACCEPTANCE 4/14/15	REV 0

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>PARTLY CLOUDY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>6/7/2015</u>
Work Activity: <u>80-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS P124 THROUGH P155.</u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No _____
Explain:	<u>APPROVED FOR DRAIN COVER PLACEMENT.</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY RBR
APR BY ALM
DRN BY MGC
DSN BY TLB

CLIENT Cripple Creek & Victor Mining Company
PROJECT PHASE 1
TITLE SQUAW GULCH VALLEY LEACH FACILITY

ISSUED DATE 6/7/15

PROJECT No. 74201125N0

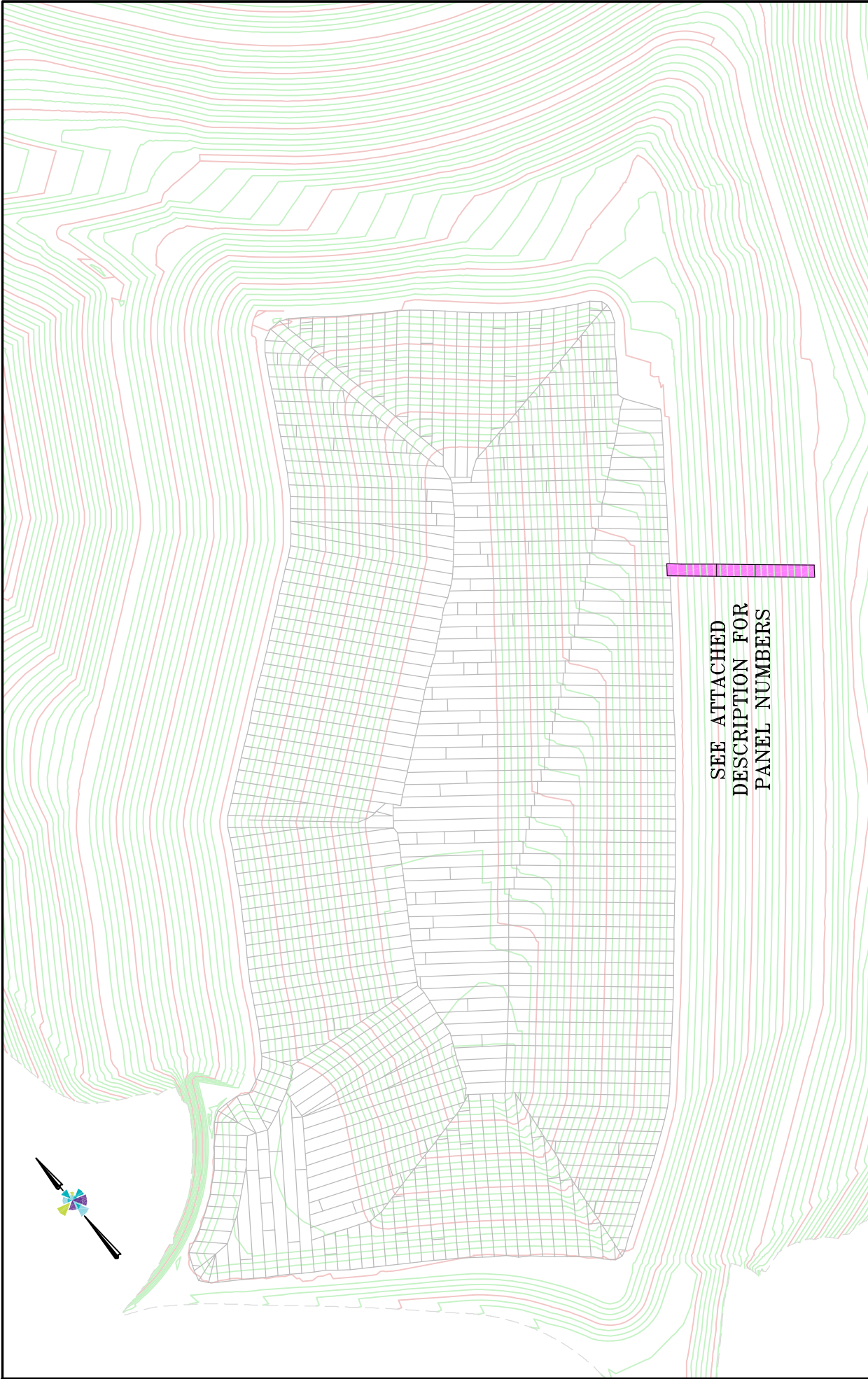
FIGURE No. 1
REV 0

WEEKLY LINER
ACCEPTANCE 6/7/15

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>Sunny</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>6/10/15</u>
Work Activity: <u>80-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANEL P-91 THROUGH P-93</u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No <u> </u>
Explain:	<u>LINER APPROVED FOR DRAIN COVER FILL PLACEMENT.</u>
Signatures	
AMEC <u>[Signature]</u>	ECA <u> </u>
Ames <u>[Signature]</u>	Other <u> </u>
CC&V <u>[Signature]</u>	Other <u> </u>



S:\CAD\1125G-Squaw VLF\cadd\CADD DRAWINGS\figures\Liner Inspection figure\Liner Approvals\Phase 1\2015.06.10A.dwg-10/1/2015 12:08 PM

LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY

ISSUED DATE	06/10/15
PROJECT No.	74201125N0
FIGURE No.	1
REV	0

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>SUNNY w/ CLOUDS</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>6/10/15</u>
Work Activity: <u>80 -mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS P-156 THROUGH P-177</u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No _____
Explain:	<u>APPROVED FOR DRAIN COVER FILL PLACEMENT</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



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LEGEND
ACCEPTED PHASE 1
LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

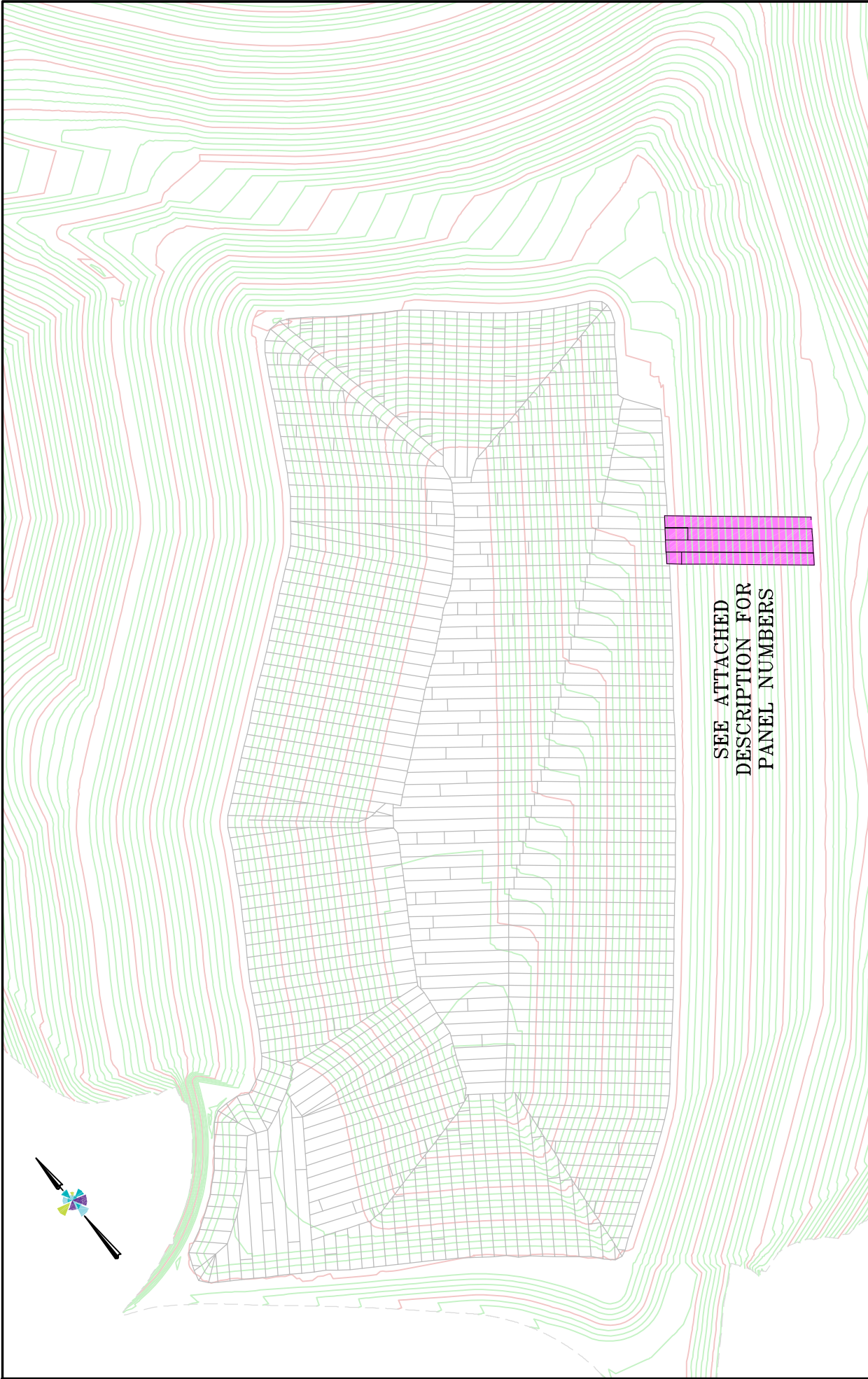
CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY
WEEKLY LINER ACCEPTANCE 6/10/15	

ISSUED DATE		6/10/15
PROJECT No.		74201125N0
FIGURE No.	1	REV 0

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>CLOUDY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>6/10/15</u>
Work Activity: <u>30-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch ~ PANELS P.94 THROUGH P-99</u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No _____
Explain:	<u>APPROVED FOR DRAIN COVER PLACEMENT</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



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LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY

ISSUED DATE	06/10/15
PROJECT No.	74201125N0
FIGURE No.	1
REV	0

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>Sunny</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>6/12/15</u>
Work Activity: <u>80-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch - PANELS P-100 THROUGH P-114 AND P-201 THROUGH P-211</u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No _____
Explain:	<u>APPROVED FOR DRAIN COVER PLACEMENT.</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



SEE ATTACHED
DESCRIPTION FOR
PANEL NUMBERS

LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY

ISSUED DATE	06/12/15
PROJECT No.	74201125N0
FIGURE No.	1
REV	0

WEEKLY LINER
ACCEPTANCE 6/12/15

**LLDPE Geomembrane Liner
Acceptance Form**



CLIENT: <u>Cripple Creek & Victor Mining Co.</u> PROJECT: <u>Squaw Gulch VLF Phase 1</u> PROJECT NUMBER: <u>74201125N0</u>	Page <u>1</u> of <u>2</u> Weather <u>Sunny</u> Date <u>6/18/15</u>
Work Activity: <u>80-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch P83, P84, P85</u>	
Items Inspected: <u>Visual inspection of installed panels</u> <u>Visual inspection of wedge welds</u> <u>Visual inspection of extrusion welding</u> <u>Survey completed</u>	
Tests Completed: <u>Air testing on seams</u> <u>Vacuum box testing on extrusion welds</u> <u>Repairs and patches tested as required</u> <u>3rd party conformance tests</u>	
Deficient Items: <u>NONE</u>	
Remedial Action: <u>NONE</u>	
Accepted: Yes <u>X</u> No _____	
Explain: <u>LINER APPROVED FOR DRAIN COVER PLACEMENT.</u>	
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

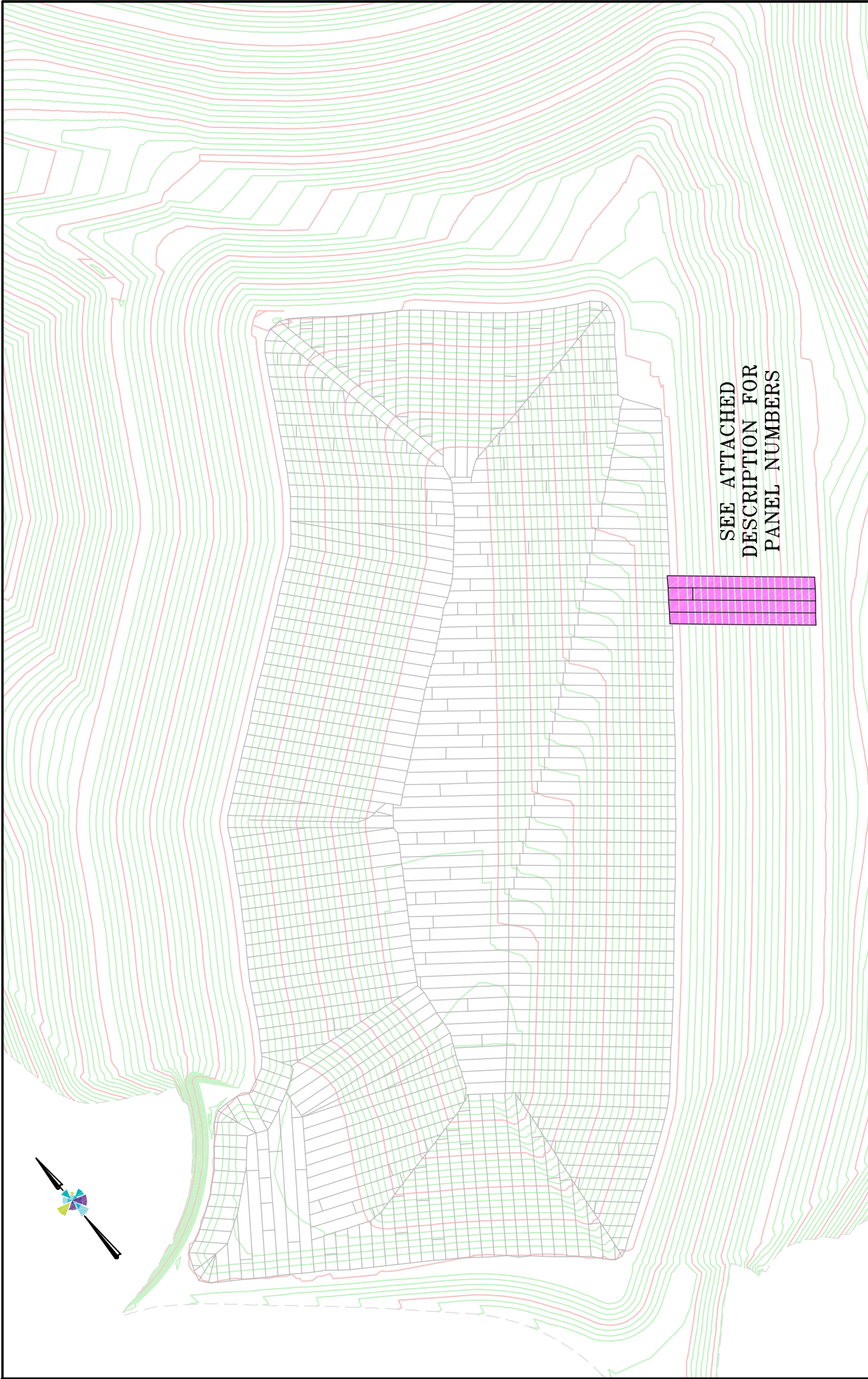
CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY

ISSUED DATE	06/18/15
PROJECT No.	74201125N0
FIGURE No.	1
REV	0

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>6/22/15</u>
Work Activity: <u>80-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch - PANELS P86 THROUGH P90</u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No _____
Explain:	<u>APPROVED FOR DRAIN COVER PLACEMENT.</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



amc foster wheeler LEGEND ACCEPTED PHASE 1 LLDPE LINER AREA	CHK BY	RBR	CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY	ISSUED DATE	06/22/15		
	APR BY	ALM	PROJECT	PHASE 1	PROJECT No.	74201125N0		
	DRN BY	MGC	TITLE	SQUAW GULCH VALLEY LEACH FACILITY	FIGURE No.	1		
	DSN BY	TLB	WEEKLY LINER ACCEPTANCE 6/22/15				REV	0

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>Cloudy</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>6/29/15</u>
Work Activity: <u>80 -mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PAPERS P-178 THROUGH P-182,</u> <u>P-270 through P-285.</u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No <u> </u>
Explain:	<u>APPROVED FOR DRAIN COVER FILL PLACEMENT.</u>
Signatures	
AMEC <u>[Signature]</u>	ECA <u> </u>
Ames <u>[Signature]</u>	Other <u> </u>
CC&V <u>[Signature]</u>	Other <u> </u>

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>6/30/15</u>
Work Activity: <u>80 -mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch - PANELS P-286 THROUGH P-298 AND P-306 THROUGH P-313</u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No _____
Explain:	<u>APPROVED FOR DRAIN COVER FILL PLACEMENT.</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



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LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY

ISSUED DATE	06/30/15
PROJECT No.	74201125N0
FIGURE No.	1
REV	0

LLDPE Geomembrane Liner
Acceptance Form

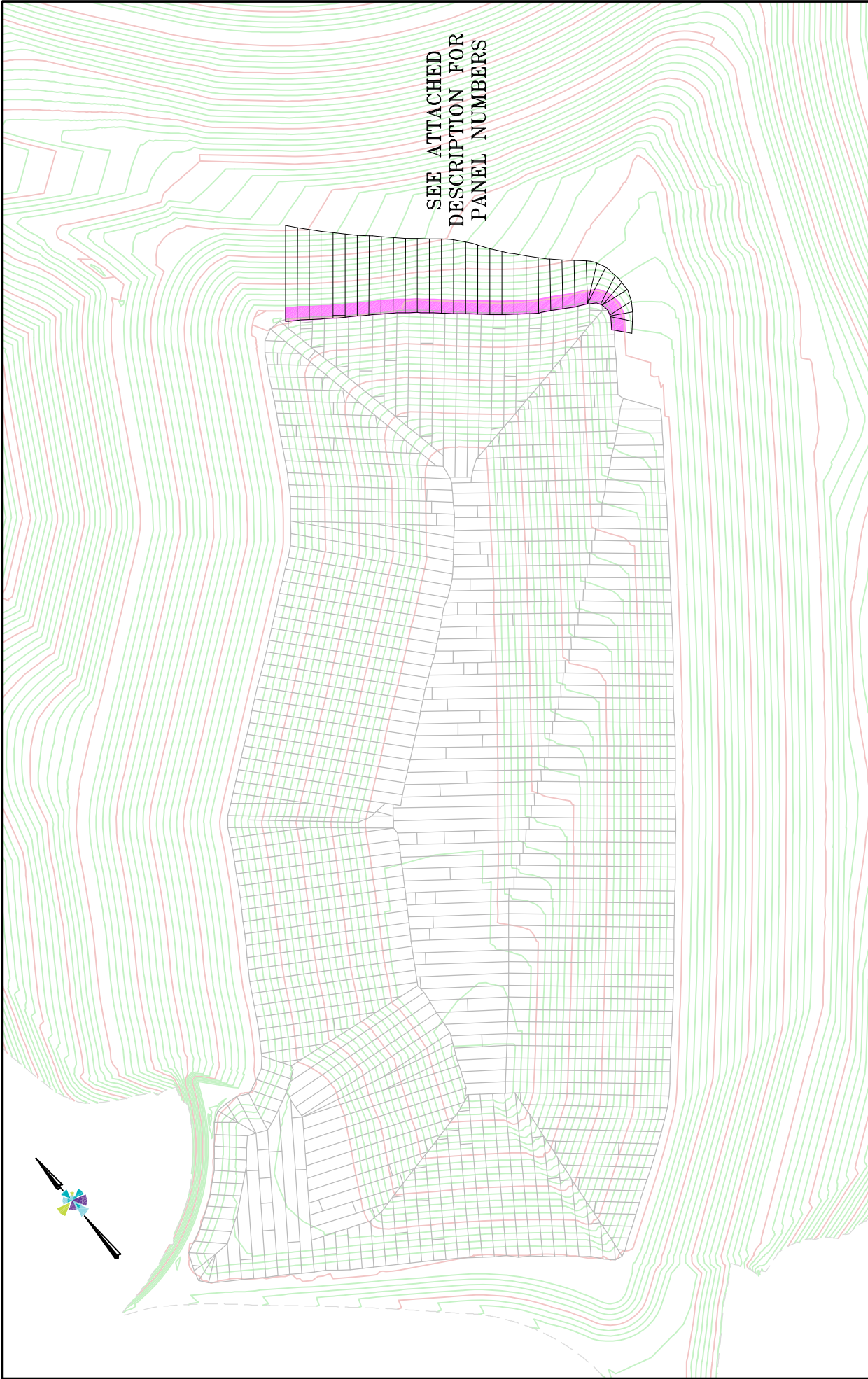


CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page _____ of _____
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather _____
PROJECT NUMBER: <u>74201125N0</u>	Date _____
Work Activity: <u>20-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch - P.343 - P.411 <25' From TIE-IN: A Bench></u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	_____

Remedial Action:	_____

Accepted: Yes <u>X</u> No _____	
Explain: <u>25' From PSSA TIE-IN @ A BENCH</u>	

Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other <u>Bon Mewy</u>
CC&V <u>[Signature]</u>	Other _____



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LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY
WEEKLY LINER ACCEPTANCE 7/6/15	

ISSUED DATE		07/06/15
PROJECT No.		74201125N0
FIGURE No.	1	REV
		0

**LLDPE Geomembrane Liner
Acceptance Form**



CLIENT: <u>Cripple Creek & Victor Mining Co.</u> PROJECT: <u>Squaw Gulch VLF Phase 1</u> PROJECT NUMBER: <u>74201125N0</u>	Page <u>1</u> of <u>2</u> Weather <u>cloudy</u> Date <u>7/08/15</u>
Work Activity: <u>80 mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch - PANELS P-314 THROUGH P-345, AND P-378 THROUGH P-411.</u>	
Items Inspected: <u>Visual inspection of installed panels</u> <u>Visual inspection of wedge welds</u> <u>Visual inspection of extrusion welding</u> <u>Survey completed</u>	
Tests Completed: <u>Air testing on seams</u> <u>Vacuum box testing on extrusion welds</u> <u>Repairs and patches tested as required</u> <u>3rd party conformance tests</u>	
Deficient Items: <u>NONE</u>	
Remedial Action: <u>NONE</u>	
Accepted: Yes <u>X</u> No _____	
Explain: <u>APPROVED FOR DRAINAGE COVER FILL PLACEMENT.</u>	
Signatures	
AMEC <u></u>	ECA _____
Ames <u></u>	Other _____
CC&V <u></u>	Other _____



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LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY
WEEKLY LINER ACCEPTANCE 7/8/15	

ISSUED DATE	07/08/15
PROJECT No.	74201125N0
FIGURE No.	1
REV	0

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>7/28/15</u>
Work Activity: <u>80 -mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch - PANELS P-636 THROUGH P-645, AND TOE OF SLOPE ON PANELS P-646 THROUGH P-655</u>	
Items Inspected:	Visual inspection of installed panels
	Visual inspection of wedge welds
	Visual inspection of extrusion welding
	Survey completed
Tests Completed:	Air testing on seams
	Vacuum box testing on extrusion welds
	Repairs and patches tested as required
	3rd party conformance tests
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No _____
Explain:	<u>LINER APPROVED FOR DRAIN COVER FILL PLACEMENT</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>1</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>Sunny</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>7/29/15</u>
Work Activity: <u>80 -mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch</u> <u>P.646 to P.660</u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	
Remedial Action:	
Accepted:	Yes <u>X</u> No _____
Explain:	<u>EDGE OF LINER WILL BE RE-INSPECTED WHEN EXPOSED</u> <u>PRIOR TO SEAMING TO ADDITIONAL PANELS</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



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LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY

ISSUED DATE	07/29/15
PROJECT No.	74201125N0
FIGURE No.	1
REV	0

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>1</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>Cloudy</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>7/31/15</u>
Work Activity: <u>80 mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch P-662 - P-674 & P-675 - P-696</u>	
Items Inspected: <u>Visual inspection of installed panels</u> <u>Visual inspection of wedge welds</u> <u>Visual inspection of extrusion welding</u> <u>Survey completed</u>	
Tests Completed: <u>Air testing on seams</u> <u>Vacuum box testing on extrusion welds</u> <u>Repairs and patches tested as required</u> <u>3rd party conformance tests</u>	
Deficient Items: Remedial Action: Accepted: Yes <u>X</u> No _____	
Explain: 	
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



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LEGEND
ACCEPTED PHASE 1
LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY
WEEKLY LINER ACCEPTANCE 7/31/15	

ISSUED DATE	07/31/15
PROJECT No.	74201125N0
FIGURE No.	1
REV	0

LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>1</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>Sunny</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/26/15</u>
Work Activity: <u>80 mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS P-697, P-698, P-903 through P-931, P-1035 THROUGH P-1134, P-1138 THROUGH P-1164, P-1177, P-1178</u>	
Items Inspected:	<u>Visual inspection of installed panels</u>
	<u>Visual inspection of wedge welds</u>
	<u>Visual inspection of extrusion welding</u>
	<u>Survey completed</u>
Tests Completed:	<u>Air testing on seams</u>
	<u>Vacuum box testing on extrusion welds</u>
	<u>Repairs and patches tested as required</u>
	<u>3rd party conformance tests</u>
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No <u> </u>
Explain:	<u> </u>
Signatures	
AMEC <u>[Signature]</u>	ECA <u> </u>
Ames <u>[Signature]</u>	Other <u> </u>
CC&V <u>[Signature]</u>	Other <u> </u>



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LEGEND
ACCEPTED PHASE 1
LLDPE LINER AREA



CHK BY	RBR	CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY	ISSUED DATE	09/26/15
APR BY	ALM	PROJECT	PHASE 1	PROJECT No.	74201125N0
DRN BY	MGC	TITLE	SQUAW GULCH VALLEY LEACH FACILITY	FIGURE No.	1
DSN BY	TLB		WEEKLY LINER ACCEPTANCE 9/26/15	REV	0

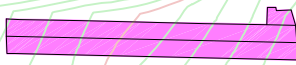
LLDPE Geomembrane Liner
Acceptance Form



CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF Phase 1</u>	Weather <u>Sunny</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/27/15</u>
Work Activity: <u>80-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS P-1165, P-1179, P-1201 THROUGH P-1203 AND P-1135 THROUGH P-1137</u>	
Items Inspected:	Visual inspection of installed panels
	Visual inspection of wedge welds
	Visual inspection of extrusion welding
	Survey completed
Tests Completed:	Air testing on seams
	Vacuum box testing on extrusion welds
	Repairs and patches tested as required
	3rd party conformance tests
Deficient Items:	<u>NONE</u>
Remedial Action:	<u>NONE</u>
Accepted:	Yes <u>X</u> No _____
Explain:	<u>LINER APPROVED FOR DRAIN COVER FILL PLACEMENT</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



SEE ATTACHED
DESCRIPTION FOR
PANEL NUMBERS



LEGEND

- ACCEPTED PHASE 1
- LLDPE LINER AREA



CHK BY	RBR
APR BY	ALM
DRN BY	MGC
DSN BY	TLB

CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PHASE 1
TITLE	SQUAW GULCH VALLEY LEACH FACILITY
WEEKLY LINER ACCEPTANCE 9/27/15	

ISSUED DATE	09/27/15
PROJECT No.	74201125N0
FIGURE No.	1
REV	0