

Appendix K

Primary (100-mil LLDPE Smooth) Geomembrane Installation Observations

Appendix K.1 – Primary Geomembrane Panel Deployment Summary

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Appendix K.1

**Primary Geomembrane
Panel Deployment Summary**

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOYMENT DATE	AMBIENT AIR TEMPERATURE (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERVATION	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-1	52034	08/11/14	60	100	AF	X		6	330	22.5	6,751	6,751
P-2	57116	08/11/14	60	101	AF	X		6	331	22.5	6,805	13,557
P-3	56107	08/11/14	61	101	AF	X		6	330	22.5	6,855	20,412
P-4	52033	08/11/14	61	100	AF	X		6	330	22.5	6,852	27,264
P-5	52036	08/11/14	65	100	AF	X		6	331	22.5	6,842	34,106
P-6	53042	08/11/14	65	101	AF	X		6	331	22.5	6,844	40,949
P-7	53041	08/11/14	63	101	AF	X		6	331	22.5	6,925	47,874
P-8	56111	08/12/14	64	102	AT	X		6	334	22.5	6,913	54,787
P-9	56106	08/12/14	64	100	AT	X		6	335	22.5	6,905	61,692
P-10	52035	08/12/14	70	101	AT	X		6	334	22.5	6,516	68,209
P-11	57115	08/12/14	70	101	AT	X		6	278	22.5	5,472	73,680
P-12	57115	08/12/14	70	100	AT	X		6	161	22.5	1,237	74,917
P-13	57117	08/12/14	77	101	AT	X		6	158	22.5	3,149	78,067
P-14	44075	08/12/14	77	100	AT	X		6	171	22.5	3,296	81,363
P-15	44075	08/12/14	80	100	AT	X		6	165	22.5	1,895	83,258
P-16	44075	08/12/14	80	100	AT	X		6	46	11	182	83,440
P-17	46097	08/12/14	67	101	AT	X		6	307	22.5	5,800	89,239
P-18	55094	08/12/14	67	101	AT	X		6	325	22.5	6,998	96,237
P-19	56105	08/13/14	73	100	AF	X		6	336	22.5	6,988	103,224
P-20	56104	08/13/14	73	101	AF	X		6	339	22.5	6,668	109,892
P-21	56099	08/13/14	75	100	AF	X		6	255	22.5	5,449	115,341
P-22	56099	08/13/14	75	100	AF	X		6	85	22.5	1,437	116,778
P-23	52032	08/14/14	58	100	CS	X		6	60	22.5	1,350	118,128
P-24	52032	08/14/14	62	100	CS	X		6	61	22.5	1,339	119,467
P-25	52032	08/14/14	64	101	CS	X		6	65	22.5	1,366	120,832
P-26	52032	08/14/14	66	100	CS	X		6	58	22.5	1,276	122,108
P-27	52032	08/14/14	70	103	CS	X		6	39	22.5	717	122,825
P-28	52032	08/14/14	72	100	CS	X		6	18	22.5	132	122,957

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								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-29	45082	08/14/14	74	100	CS	X		6	84	22.5	1,687	124,644
P-30	45082	08/15/14	69	100	AF	X		6	62	22.5	1,282	125,926
P-31	45082	08/15/14	68	101	AF	X		6	21	22.5	421	126,347
P-32	45082	08/15/14	68	100	AF	X		6	24	22.5	458	126,805
P-33	45082	08/15/14	68	103	AF	X		6	57	22.5	1,452	128,257
P-34	56103	08/15/14	68	101	AF	X		6	66	22.5	1,373	129,630
P-35	56103	08/15/14	68	100	AF	X		6	65	22.5	1,346	130,976
P-36	56103	08/15/14	69	100	AF	X		6	64	22.5	1,330	132,306
P-37	56103	08/15/14	69	102	AF	X		6	64	22.5	1,279	133,585
P-38	56102	08/15/14	69	100	AF	X		6	65	22.5	1,282	134,867
P-39	56102	08/15/14	70	100	AF	X		6	65	22.5	1,300	136,167
P-40	56102	08/15/14	70	103	AF	X		6	64	22.5	1,278	137,445
P-41	56100	08/15/14	70	100	AF	X		6	63	22.5	1,338	138,782
P-42	56100	08/15/14	70	100	AF	X		6	67	22.5	1,372	140,154
P-43	56100	08/15/14	70	100	AF	X		6	61	22.5	1,211	141,365
P-44	56100	08/15/14	70	100	AF	X		6	33	22.5	754	142,119
P-45	56102	08/15/14	70	101	AF	X		6	8	11	72	142,191
P-46	45081	08/15/14	69	100	AF	X		6	37	20	486	142,677
P-47	45081	08/15/14	69	101	AF	X		6	58	19	506	143,183
P-48	45083	08/15/14	69	100	AF	X		6	57	17	454	143,637
P-49	45083	08/15/14	69	100	AF	X		6	65	22.5	1,395	145,032
P-50	45081	08/15/14	69	102	AF	X		6	99	22.5	2,148	147,181
P-51	45083	08/15/14	69	100	AF	X		6	39	22.5	809	147,990
P-52	45081	08/15/14	69	100	AF	X		6	130	22.5	2,901	150,891
P-53	45083	08/15/14	69	103	AF	X		6	208	22.5	4,612	155,503
P-54	56100	08/15/14	68	100	AF	X		6	69	22.5	1,242	156,744
P-55	45082	08/15/14	68	100	AF	X		6	33	22.5	733	157,477
P-56	56103	08/15/14	68	100	AF	X		6	53	22.5	1,144	158,621

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Primary Geomembrane Panel Deployment Summary**



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								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-57	56102	08/15/14	68	100	AF	X		6	47	22.5	1,027	159,648
P-58	44075	08/15/14	68	100	AF	X		6	52	22.5	1,127	160,775
P-59	44072	08/15/14	68	100	AF	X		6	91	22.5	1,918	162,693
P-60	44072	08/16/14	65	100	AT	X		6	236	22.5	5,286	167,979
P-61	45079	08/16/14	66	101	AT	X		6	58	22.5	1,411	169,390
P-62	45079	08/16/14	69	101	AT	X		6	262	22.5	6,021	175,412
P-63	59117	08/16/14	70	100	AT	X		6	63	22.5	1,339	176,751
P-64	46097	08/16/14	69	100	AT	X		6	32	21	327	177,078
P-65	57117	08/16/14	68	100	AT	X		6	97	22.5	1,999	179,077
P-66	45078	08/16/14	68	101	AT	X		6	200	22.5	4,185	183,262
P-67	56109	08/25/14	66	102	AF	X		6	327	22.5	6,754	190,016
P-68	56108	08/25/14	66	100	AF	X		6	332	22.5	6,848	196,864
P-69	54066	08/25/14	67	100	AF	X		6	333	22.5	6,898	203,762
P-70	56113	08/25/14	67	103	AF	X		6	332	22.5	7,007	210,769
P-71	45080	08/25/14	67	102	AF	X		6	247	22.5	5,029	215,798
P-72	45080	08/25/14	67	100	AF	X		6	80	22.5	1,470	217,268
P-73	47106	08/25/14	68	104	AF	X		6	333	22.5	6,274	223,542
P-74	56112	08/25/14	68	100	AF	X		6	245	22.5	5,856	229,398
P-75	56112	08/25/14	69	101	AF	X		6	79	22.5	1,451	230,849
P-76	44073	08/25/14	69	100	AF	X		6	237	22.5	6,139	236,988
P-77	46098	08/26/14	62	100	AF	X		6	250	22.5	4,994	241,982
P-78	46098	08/26/14	62	100	AF	X		6	167	22.5	1,549	243,530
P-79	46102	08/26/14	62	100	AF	X		6	330	22.5	6,789	250,319
P-80	46103	08/26/14	62	101	AF	X		6	329	22.5	6,941	257,260
P-81	46099	08/27/14	54	102	CS	X		6	331	22.5	7,381	264,640
P-82	54062	08/27/14	55	100	CS	X		6	321	22.5	6,469	271,110
P-83	56114	08/27/14	55	100	CS	X		6	296	22.5	6,242	277,352
P-84	56114	08/27/14	56	103	CS	X		6	37	22.5	366	277,718

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								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-85	54060	08/27/14	56	102	CS	X		6	248	22.5	5,271	282,989
P-86	54060	08/27/14	55	100	CS	X		6	72	22.5	1,302	284,291
P-87	52037	08/27/14	55	104	CS	X		6	166	22.5	3,518	287,809
P-88	45078	09/03/14	65	100	CS	X		6	23	22.5	489	288,298
P-89	52037	09/03/14	65	101	CS	X		6	167	22.5	3,631	291,929
P-90	54060	09/03/14	65	100	CS	X		6	16	22.5	287	292,216
P-91	45078	09/03/14	68	100	CS	X		6	89	22.5	1,758	293,974
P-92	56098	09/03/14	68	100	CS	X		6	87	22.5	1,940	295,914
P-93	45078	09/03/14	68	100	CS	X		6	19	22.5	314	296,227
P-94	56098	09/03/14	68	101	CS	X		6	127	22.5	2,688	298,916
P-95	56098	09/03/14	69	102	CS	X		6	67	22.5	1,377	300,292
P-96	56098	09/03/14	69	100	CS	X		6	40	22.5	833	301,125
P-97	52031	09/03/14	69	100	CS	X		6	33	22.5	666	301,791
P-98	52031	09/03/14	69	103	CS	X		6	78	22.5	1,642	303,432
P-99	52031	09/03/14	69	102	CS	X		6	83	22.5	1,772	305,204
P-100	52031	09/03/14	68	100	CS	X		6	89	22.5	1,845	307,049
P-101	56110	09/03/14	68	104	CS	X		6	101	22.5	2,033	309,082
P-102	56110	09/03/14	68	100	CS	X		6	125	22.5	2,597	311,679
P-103	56110	09/03/14	68	101	CS	X		6	76	22.5	1,471	313,150
P-104	56110	09/03/14	68	100	CS	X		6	14	22.5	244	313,394
P-105	52039	09/03/14	68	100	CS	X		6	63	22.5	1,281	314,675
P-106	52039	09/03/14	68	100	CS	X		6	175	22.5	3,704	318,378
P-107	52039	09/03/14	68	100	CS	X		6	13	22.5	253	318,631
P-108	52039	09/03/14	68	101	CS	X		6	67	22.5	1,375	320,006
P-109	56101	09/03/14	68	102	CS	X		6	119	22.5	2,524	322,530
P-110	56101	09/04/14	65	100	AF	X		6	187	22.5	3,731	326,261
P-111	52040	09/04/14	65	100	AF	X		6	42	22.5	866	327,127
P-112	56101	09/04/14	65	103	AF	X		6	14	22.5	210	327,337

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								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-113	52040	09/04/14	65	102	AF	X		6	244	22.5	4,955	332,292
P-114	52040	09/04/14	68	100	AF	X		6	25	22.5	437	332,729
P-115	52038	09/04/14	68	104	AF	X		6	260	22.5	5,384	338,114
P-116	52040	09/04/14	68	100	AF	X		6	15	22.5	293	338,406
P-117	52038	09/04/14	68	101	AF	X		6	68	22.5	1,397	339,803
P-118	55095	09/04/14	68	100	AF	X		6	230	22.5	4,764	344,567
P-119	55097	09/04/14	68	100	AF	X		6	333	22.5	6,787	351,354
P-120	55096	09/04/14	70	100	AF	X		6	333	22.5	6,844	358,198
P-121	54063	09/04/14	70	100	AF	X		6	331	22.5	6,788	364,986
P-122	44070	09/04/14	70	101	AF	X		6	331	22.5	6,468	371,453
P-123	54064	09/06/14	54	102	CS	X		6	307	22.5	6,492	377,946
P-124	54064	09/06/14	54	100	CS	X		6	23	22.5	480	378,426
P-125	64065	09/06/14	54	100	CS	X		6	240	22.5	4,982	383,408
P-126	54065	09/06/14	56	103	CS	X		6	64	22.5	1,309	384,717
P-127	53055	09/06/14	56	102	CS	X		6	156	22.5	3,330	388,046
P-128	54065	09/06/14	57	100	CS	X		6	20	22.5	467	388,513
P-129	53055	09/06/14	60	104	CS	X		6	157	22.5	3,186	391,699
P-130	53056	09/06/14	60	100	CS	X		6	133	22.5	2,773	394,472
P-131	53056	09/06/14	60	101	CS	X		6	23	22.5	490	394,962
P-132	53056	09/06/14	63	100	CS	X		6	70	22.5	1,454	396,416
P-133	53056	09/06/14	69	100	CS	X		6	54	22.5	1,098	397,514
P-134	53056	09/06/14	69	100	CS	X		6	18	14	195	397,709
P-135	53056	09/06/14	69	100	CS	X		6	13	14	84	397,794
P-136	53055	09/06/14	69	101	CS	X		6	26	22.5	522	398,316
P-137	53055	09/06/14	69	102	CS	X		6	48	22.5	987	399,303
P-138	53059	09/06/14	69	100	CS	X		6	72	22.5	1,481	400,784
P-139	53059	09/06/14	69	100	CS	X		6	10	22.5	190	400,974
P-140	53059	09/06/14	69	103	CS	X		6	86	22.5	1,770	402,744

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								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-141	53059	09/06/14	68	102	CS	X		6	119	22.5	2,416	405,160
P-142	53059	09/06/14	68	100	CS	X		6	11	22.5	177	405,337
P-143	53060	09/06/14	68	104	CS	X		6	133	22.5	2,623	407,959
P-144	53060	09/08/14	68	100	AF	X		6	167	22.5	3,457	411,416
P-145	44071	09/08/14	68	101	AF	X		6	188	22.5	3,909	415,325
P-146	44071	09/08/14	68	100	AF	X		6	9	22.5	178	415,503
P-147	44071	09/08/14	68	100	AF	X		6	127	22.5	2,583	418,086
P-148	46104	09/08/14	66	100	AF	X		6	72	22.5	1,548	419,635
P-149	46104	09/08/14	66	100	AF	X		6	228	22.5	4,834	424,468
P-150	46104	09/09/14	66	103	AF	X		6	10	22.5	134	424,603
P-151	53057	09/09/14	66	104	AF	X		6	247	22.5	5,103	429,706
P-152	52028	09/09/14	65	101	AF	X		6	280	22.5	5,815	435,521
P-153	52028	09/09/14	65	101	AF	X		6	7	22.5	89	435,610
P-154	52030	09/09/14	65	101	AF	X		6	294	22.5	6,055	441,665
P-155	52029	09/09/14	65	102	AF	X		6	320	22.5	6,492	448,157
P-156	52027	09/09/14	65	103	AF	X		6	330	22.5	6,805	454,962
P-157	52023	09/09/14	65	103	AF	X		6	333	22.5	6,819	461,781
P-158	51020	09/09/14	65	102	AF	X		6	337	22.5	6,927	468,708
P-159	52024	09/10/14	59	100	CS	X		6	332	22.5	6,754	475,461
P-160	53058	09/10/14	59	100	CS	X		6	333	22.5	6,864	482,325
P-161	52026	09/10/14	59	100	CS	X		6	333	22.5	6,902	489,227
P-162	44065	09/10/14	60	100	CS	X		6	333	22.5	7,039	496,267
P-163	51019	09/10/14	60	100	CS	X		6	332	22.5	6,684	502,950
P-164	52025	09/10/14	60	100	CS	X		6	332	22.5	6,871	509,821
P-165	44067	09/10/14	61	100	CS	X		6	333	22.5	6,795	516,616
P-166	44063	09/10/14	61	100	CS	X		6	332	22.5	6,779	523,395
P-167	44068	09/10/14	61	100	CS	X		6	332	22.5	6,996	530,392
P-168	52022	09/11/14	49	102	AF	X		6	334	22.5	6,863	537,255

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								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-169	44062	09/11/14	49	103	AF	X		6	330	22.5	6,814	544,068
P-170	44059	09/11/14	53	101	AF	X		6	329	22.5	6,926	550,994
P-171	44064	09/11/14	53	103	AF	X		6	325	22.5	6,937	557,931
P-172	44061	09/11/14	54	102	AF	X		6	319	22.5	6,684	564,615
P-173	44066	09/11/14	54	103	AF	X		6	313	22.5	6,555	571,170
P-174	44060	09/11/14	54	101	AF	X		6	308	22.5	6,424	577,595
P-175	44069	09/11/14	55	102	AF	X		6	303	22.5	6,372	583,967
P-176	43042	09/11/14	55	103	AF	X		6	295	22.5	6,203	590,170
P-177	43041	09/11/14	55	102	AF	X		6	288	22.5	6,112	596,282
P-178	43040	09/11/14	55	102	AF	X		6	76	22.5	1,589	597,871
P-179	42032	09/12/14	38	102	AF	X		6	283	22.5	6,015	603,886
P-180	42036	09/12/14	37	101	AF	X		6	278	22.5	5,754	609,639
P-181	42031	09/12/14	37	103	AF	X		6	265	22.5	5,755	615,394
P-182	42033	09/12/14	37	102	AF	X		6	265	22.5	5,570	620,965
P-183	47113	09/12/14	45	101	AF	X		6	259	22.5	5,440	626,405
P-184	47114	09/12/14	45	100	AF	X		6	253	22.5	5,205	631,610
P-185	42034	09/12/14	45	102	AF	X		6	246	22.5	5,265	636,875
P-186	42035	09/12/14	48	101	AF	X		6	239	22.5	5,134	642,009
P-187	52021	09/12/14	48	102	AF	X		6	232	22.5	4,986	646,996
P-188	43040	09/12/14	48	101	AF	X		6	226	22.5	4,831	651,827
P-189	47115	09/12/14	50	103	AF	X		6	220	22.5	4,682	656,509
P-190	43039	09/12/14	50	103	AF	X		6	215	22.5	4,597	661,106
P-191	47116	09/12/14	50	102	AF	X		6	210	22.5	4,491	665,597
P-192	47108	09/12/14	52	101	AF	X		6	203	22.5	4,330	669,927
P-193	47111	09/13/14	52	100	CS/AF	X		6	198	22.5	4,248	674,175
P-194	47118	09/13/14	52	100	CS/AF	X		6	192	22.5	4,076	678,251
P-195	47119	09/13/14	52	100	CS/AF	X		6	186	22.5	3,897	682,149
P-196	47117	09/13/14	55	100	CS/AF	X		6	181	22.5	3,842	685,991

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOYMENT DATE	AMBIENT AIR TEMPERATURE (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERVATION	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-197	47112	09/13/14	55	100	CS/AF	X		6	172	22.5	3,618	689,609
P-198	47110	09/13/14	56	100	CS/AF	X		6	164	22.5	3,500	693,110
P-199	51012	09/13/14	58	100	CS/AF	X		6	161	22.5	3,551	696,661
P-200	51012	09/13/14	58	100	CS/AF	X		6	155	22.5	3,290	699,950
P-201	47110	09/13/14	58	100	CS/AF	X		6	147	22.5	3,264	703,215
P-202	47112	09/13/14	58	100	CS/AF	X		6	141	22.5	3,069	706,283
P-203	47119	09/13/14	58	100	CS/AF	X		6	136	22.5	2,918	709,201
P-204	47118	09/13/14	58	100	CS/AF	X		6	129	22.5	2,698	711,899
P-205	47111	09/13/14	54	100	CS/AF	X		6	122	22.5	2,681	714,580
P-206	47108	09/13/14	54	100	CS/AF	X		6	120	22.5	2,502	717,083
P-207	43039	09/13/14	54	100	CS/AF	X		6	113	22.5	2,182	719,264
P-208	47116	09/13/14	54	100	CS/AF	X		6	101	22.5	2,237	721,502
P-209	47115	09/13/14	54	100	CS/AF	X		6	94	22.5	2,105	723,607
P-210	52021	09/13/14	52	100	CS/AF	X		6	88	22.5	1,980	725,586
P-211	42035	09/13/14	52	100	CS/AF	X		6	82	22.5	1,863	727,449
P-212	42034	09/13/14	55	100	CS/AF	X		6	75	22.5	1,728	729,178
P-213	47114	09/13/14	55	100	CS/AF	X		6	40	21	744	729,922
P-214	53060	09/13/14	55	100	CS/AF	X		6	5	10	33	729,954
P-215	51018	09/14/14	63	102	AF	X		6	80	22.5	1,746	731,700
P-216	51018	09/14/14	63	102	AF	X		6	88	22.5	1,933	733,634
P-217	51018	09/14/14	63	102	AF	X		6	97	22.5	2,172	735,806
P-218	51018	09/14/14	63	102	AF	X		6	47	22.5	1,030	736,836
P-219	53057	09/14/14	63	101	AF	X		6	56	22.5	1,229	738,065
P-220	51017	09/14/14	63	103	AF	X		6	113	22.5	2,486	740,551
P-221	51017	09/14/14	63	103	AF	X		6	128	22.5	2,796	743,347
P-222	51017	09/14/14	64	103	AF	X		6	77	22.5	1,788	745,135
P-223	47113	09/14/14	64	101	AF	X		6	66	22.5	1,492	746,627
P-224	51013	09/15/14	64	102	AF	X		6	158	22.5	3,382	750,009

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOYMENT DATE	AMBIENT AIR TEMPERATURE (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERVATION	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-225	51013	09/15/14	64	102	AF	X		6	168	22.5	3,724	753,733
P-226	53057	09/15/14	64	100	AF	X		6	4	22.5	106	753,840
P-227	47109	09/15/14	64	101	AF	X		6	180	22.5	3,875	757,715
P-228	43042	09/15/14	64	100	AF	X		6	24	22.5	486	758,200
P-229	47109	09/15/14	64	101	AF	X		6	159	22.5	3,363	761,563
P-230	51007	09/15/14	65	103	AF	X		6	186	22.5	4,108	765,671
P-231	51007	09/15/14	65	103	AF	X		6	152	22.5	3,304	768,976
P-232	42032	09/15/14	65	100	AF	X		6	37	22.5	796	769,771
P-233	47117	09/15/14	65	101	AF	X		6	146	22.5	3,101	772,873
P-234	42033	09/15/14	65	100	AF	X		6	48	22.5	995	773,868
P-235	51009	09/15/14	65	102	AF	X		6	196	22.5	4,224	778,091
P-236	51009	09/15/14	66	102	AF	X		6	143	22.5	3,084	781,175
P-237	52028	09/15/14	66	100	AF	X		6	37	22.5	814	781,989
P-238	44060	09/15/14	66	100	AF	X		6	19	22.5	403	782,392
P-239	51014	09/15/14	66	102	AF	X		6	209	22.5	4,510	786,902
P-240	51014	09/15/14	66	102	AF	X		6	125	22.5	2,710	789,612
P-241	51008	09/15/14	67	100	AF	X		6	90	22.5	1,955	791,567
P-242	51008	09/15/14	65	100	AF	X		6	224	22.5	4,874	796,441
P-243	51016	09/15/14	65	100	AF	X		6	231	22.5	5,159	801,600
P-244	51016	09/15/14	65	100	AF	X		6	98	22.5	2,101	803,701
P-245	42031	09/15/14	65	101	AF	X		6	57	22.5	1,230	804,931
P-246	42036	09/15/14	64	102	AF	X		6	49	22.5	1,116	806,046
P-247	51011	09/15/14	64	100	AF	X		6	36	22.5	753	806,799
P-248	51011	09/15/14	64	100	AF	X		6	241	22.5	5,649	812,448
P-249	51015	09/15/14	64	101	AF	X		6	263	22.5	5,949	818,397
P-250	54071	09/16/14	67	100	CS	X		6	334	22.5	6,588	824,985
P-251	54070	09/16/14	67	100	CS	X		6	332	22.5	6,916	831,901
P-252	46096	09/16/14	67	100	CS	X		6	332	22.5	6,827	838,728

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOYMENT DATE	AMBIENT AIR TEMPERATURE (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERVATION	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-253	47017	09/16/14	67	100	CS	X		6	331	22.5	6,791	845,519
P-254	46101	09/16/14	67	100	CS	X		6	333	22.5	6,865	852,385
P-255	44074	09/16/14	67	100	CS	X		6	333	22.5	6,989	859,374
P-256	46100	09/16/14	67	100	CS	X		6	331	22.5	6,869	866,243
P-257	46105	09/16/14	67	100	CS	X		6	330	22.5	6,723	872,966
P-258	54067	09/17/14	55	100	CS	X		6	331	22.5	6,849	879,814
P-259	54069	09/17/14	56	100	CS	X		6	333	22.5	6,866	886,681
P-260	51001	09/17/14	58	100	CS	X		6	333	22.5	6,831	893,512
P-261	42037	09/17/14	60	100	CS	X		6	332	22.5	6,634	900,146
P-262	54075	09/17/14	60	100	CS	X		6	333	22.5	6,823	906,969
P-263	54078	09/17/14	62	100	CS	X		6	332	22.5	6,837	913,806
P-264	51010	09/17/14	65	100	CS	X		6	329	22.5	6,813	920,619
P-265	54068	09/17/14	65	100	CS	X		6	329	22.5	6,903	927,522
P-266	51005	09/17/14	65	100	CS	X		6	331	22.5	6,878	934,400
P-267	42175	09/18/14	62	104	CS	X		6	261	22.5	5,241	939,641
P-268	42175	09/18/14	62	104	CS	X		6	70	22.5	1,542	941,182
P-269	54074	09/18/14	64	100	CS	X		6	191	22.5	4,080	945,262
P-270	54074	09/18/14	65	101	CS	X		6	143	22.5	3,072	948,334
P-271	54073	09/18/14	65	101	CS	X		6	117	22.5	2,539	950,874
P-272	54076	09/18/14	65	103	CS	X		6	164	22.5	5,775	956,649
P-273	54076	09/18/14	66	103	CS	X		6	66	22.5	1,400	958,049
P-274	54077	09/18/14	66	104	CS	X		6	198	22.5	4,158	962,206
P-275	54077	09/18/14	67	104	CS	X		6	130	22.5	2,857	965,063
P-276	54073	09/18/14	67	102	CS	X		6	133	22.5	2,812	967,875
P-277	54073	09/18/14	67	103	CS	X		6	79	22.5	1,672	969,547
P-278	51002	09/18/14	67	101	CS	X		6	186	22.5	3,902	973,449
P-279	51002	09/18/14	65	102	CS	X		6	149	22.5	3,165	976,614
P-280	51004	09/18/14	65	100	CS	X		6	116	22.5	2,599	979,213

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOYMENT DATE	AMBIENT AIR TEMPERATURE (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERVATION	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-281	51004	09/18/14	65	101	CS	X		6	218	22.5	4,645	983,858
P-282	51015	09/18/14	65	103	CS	X		6	48	22.5	1,071	984,929
P-283	47124	09/18/14	65	102	CS	X		6	252	22.5	5,323	990,253
P-284	51015	09/18/14	65	102	CS	X		6	15	22.5	331	990,584
P-285	43048	09/19/14	61	104	NA	X		6	328	22.5	6,570	997,154
P-286	43058	09/19/14	61	103	NA	X		6	329	22.5	6,924	1,004,078
P-287	53051	09/19/14	61	102	NA	X		6	330	22.5	6,776	1,010,854
P-288	53049	09/19/14	61	103	NA	X		6	329	22.5	6,916	1,017,771
P-289	43049	09/19/14	62	102	NA	X		6	328	22.5	6,946	1,024,716
P-290	43045	09/19/14	62	101	NA	X		6	249	22.5	5,076	1,029,792
P-291	43045	09/19/14	62	101	NA	X		6	88	22.5	1,605	1,031,398
P-292	43047	09/19/14	62	103	NA	X		6	330	22.5	6,066	1,037,464
P-293	53045	09/19/14	64	102	NA	X		6	329	22.5	5,921	1,043,385
P-294	53046	09/19/14	64	103	NA	X		6	327	22.5	5,646	1,049,032
P-295	53050	09/19/14	64	103	NA	X		6	327	22.5	5,397	1,054,428
P-296	43055	09/20/14	58	104	NA	X		6	258	22.5	5,662	1,060,090
P-297	43055	09/20/14	58	104	NA	X		6	63	22.5	1,380	1,061,470
P-298	44069	09/20/14	58	1012	NA	X		6	26	22.5	568	1,062,038
P-299	43052	09/20/14	60	100	NA	X		6	126	22.5	3,623	1,065,661
P-300	43052	09/20/14	60	101	NA	X		6	154	22.5	3,202	1,068,863
P-301	43041	09/20/14	60	103	NA	X		6	36	22.5	790	1,069,652
P-302	47124	09/20/14	60	104	NA	X		6	73	22.5	1,603	1,071,255
P-303	43053	09/20/14	60	103	NA	X		6	264	22.5	5,626	1,076,881
P-304	43053	09/20/14	60	102	NA	X		6	71	22.5	1,540	1,078,421
P-305	43044	09/20/14	62	102	NA	X		6	193	22.5	4,065	1,082,486
P-306	43044	09/20/14	62	102	NA	X		6	68	22.5	2,978	1,085,464
P-307	47121	09/20/14	62	101	NA	X		6	129	22.5	2,675	1,088,139
P-308	47121	09/20/14	62	102	NA	X		6	205	22.5	4,275	1,092,414

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOYMENT DATE	AMBIENT AIR TEMPERATURE (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERVATION	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-309	51011	09/20/14	62	104	NA	X		6	37	22.5	787	1,093,201
P-310	43057	09/20/14	62	103	NA	X		6	28	22.5	576	1,093,777
P-311	43057	09/20/14	62	102	NA	X		6	267	22.5	5,596	1,099,373
P-312	43057	09/20/14	62	103	NA	X		6	37	22.5	788	1,100,161
P-313	47120	09/20/14	62	102	NA	X		6	228	22.5	4,669	1,104,831
P-314	51006	09/24/14	49	106	NA	X		6	267	22.5	5,761	1,110,592
P-315	51006	09/24/14	49	103	NA	X		6	68	22.5	1,439	1,112,031
P-316	43043	09/24/14	53	108	NA	X		6	206	22.5	4,196	1,116,227
P-317	43043	09/24/14	53	108	NA	X		6	95	22.5	2,709	1,118,936
P-318	47120	09/24/14	53	106	NA	X		6	96	22.5	2,035	1,120,971
P-319	47122	09/24/14	55	106	NA	X		6	53	22.5	1,117	1,122,088
P-320	47122	09/24/14	55	106	NA	X		6	281	22.5	5,900	1,127,989
P-321	43056	09/24/14	55	107	NA	X		6	286	22.5	6,272	1,134,260
P-322	43056	09/24/14	58	111	NA	X		6	47	22.5	940	1,135,200
P-323	43054	09/24/14	60	103	NA	X		6	246	22.5	5,036	1,140,236
P-324	43054	09/24/14	62	103	NA	X		6	88	22.5	1,921	1,142,156
P-325	51003	09/24/14	65	104	NA	X		6	212	22.5	4,550	1,146,706
P-326	51003	09/24/14	65	104	NA	X		6	116	22.5	2,411	1,149,117
P-327	47123	09/24/14	62	107	NA	X		6	188	22.5	3,596	1,152,713
P-328	55093	09/25/14	65	100	CS	X		6	269	22.5	5,742	1,158,455
P-329	55093	09/25/14	65	100	CS	X		6	61	22.5	1,199	1,159,655
P-330	53044	09/25/14	65	100	CS	X		6	214	22.5	4,434	1,164,089
P-331	53044	09/25/14	65	100	CS	X		6	93	22.5	2,091	1,166,180
P-332	55088	09/25/14	66	100	CS	X		6	161	22.5	3,360	1,169,540
P-333	53044	09/25/14	66	100	CS	X		6	14	22.5	257	1,169,797
P-334	55088	09/25/14	67	100	CS	X		6	173	22.5	3,543	1,173,340
P-335	55087	09/25/14	67	100	CS	X		6	63	22.5	1,336	1,174,676
P-336	55087	09/25/14	65	100	CS	X		6	229	22.5	4,722	1,179,398

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOYMENT DATE	AMBIENT AIR TEMPERATURE (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERVATION	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-337	55087	09/25/14	65	100	CS	X		6	13	22.5	230	1,179,628
P-338	46091	09/25/14	64	100	CS	X		6	203	22.5	4,221	1,183,848
P-339	55087	09/25/14	64	100	CS	X		6	14	22.5	195	1,184,043
P-340	46091	09/25/14	64	100	CS	X		6	134	22.5	2,785	1,186,828
P-341	46092	09/25/14	64	100	CS	X		6	51	22.5	1,140	1,187,968
P-342	55087	09/25/14	64	100	CS	X		6	13	22.5	219	1,188,187
P-343	56092	09/25/14	64	100	CS	X		6	160	22.5	3,259	1,191,445
P-344	46092	09/26/14	64	104	NA	X		6	99	22.5	2,006	1,193,451
P-345	47123	09/26/14	62	103	NA	X		6	46	22.5	955	1,194,406
P-346	46092	09/26/14	62	105	NA	X		6	13	22.5	239	1,194,646
P-347	47123	09/26/14	62	103	NA	X		6	90	22.5	1,935	1,196,581
P-348	55092	09/26/14	64	107	NA	X		6	20	22.5	406	1,196,987
P-349	55092	09/26/14	64	107	NA	X		6	101	22.5	2,103	1,199,090
P-350	55009	09/26/14	64	106	NA	X		6	13	22.5	217	1,199,307
P-351	55009	09/26/14	64	106	NA	X		6	66	22.5	1,393	1,200,699
P-352	55092	09/26/14	64	107	NA	X		6	57	22.5	1,183	1,201,882
P-353	55092	09/26/14	65	107	NA	X		6	32	22.5	666	1,202,549
P-354	55090	09/26/14	66	106	NA	X		6	18	10	76	1,202,625
P-355	55090	09/26/14	66	106	NA	X		6	114	22.5	2,279	1,204,904
P-356	55090	09/26/14	66	106	NA	X		6	88	22.5	1,759	1,206,663
P-357	55090	09/26/14	66	106	NA	X		6	16	22.5	264	1,206,928
P-358	55090	09/26/14	68	106	NA	X		6	44	22.5	989	1,207,917
P-359	55090	09/26/14	68	106	NA	X		6	20	22.5	335	1,208,252
P-360	55089	09/26/14	68	108	NA	X		6	14	22.5	379	1,208,631
P-361	55089	09/26/14	70	108	NA	X		6	14	10	77	1,208,708
P-362	55089	09/26/14	70	108	NA	X		6	142	22.5	2,900	1,211,609
P-363	55089	09/26/14	70	108	NA	X		6	135	22.5	2,501	1,214,110
P-364	55084	09/26/14	70	109	NA	X		6	33	22.5	720	1,214,829

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOYMENT DATE	AMBIENT AIR TEMPERATURE (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERVATION	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-365	55089	09/26/14	70	108	NA	X		6	14	22.5	182	1,215,012
P-366	55084	09/26/14	70	108	NA	X		6	179	22.5	3,749	1,218,761
P-367	55084	09/26/14	71	109	NA	X		6	94	22.5	1,807	1,220,568
P-368	55083	09/26/14	70	106	NA	X		6	128	22.5	2,658	1,223,226
P-369	55084	09/26/14	70	108	NA	X		6	13	22.5	278	1,223,504
P-370	55083	09/26/14	70	106	NA	X		6	203	22.5	4,190	1,227,694
P-371	55086	09/26/14	70	105	NA	X		6	32	22.5	666	1,228,359
P-372	55086	09/26/14	70	105	NA	X		6	272	22.5	5,827	1,234,186
P-373	55091	10/01/14	48	100	BM	X		6	32	22.5	720	1,234,906
P-374	55091	10/01/14	48	100	BM	X		6	40	22.5	932	1,235,838
P-375	55091	10/01/14	48	100	BM	X		6	49	22.5	1,068	1,236,906
P-376	55091	10/01/14	48	100	BM	X		6	56	22.5	1,184	1,238,090
P-377	46095	10/03/14	34	100	CS	X		6	318	22.5	6,665	1,244,755
P-378	54079	10/03/14	37	100	CS	X		6	296	22.5	6,020	1,250,775
P-379	54079	10/03/14	38	100	CS	X		6	17	22.5	294	1,251,070
P-380	55091	10/03/14	40	100	CS	X		6	146	22.5	3,130	1,254,199
P-381	43046	10/03/14	42	100	CS	X		6	104	22.5	2,202	1,256,401
P-382	43046	10/03/14	44	100	CS	X		6	207	22.5	4,157	1,260,558
P-383	46086	10/03/14	45	100	CS	X		6	32	22.5	661	1,261,219
P-384	43046	10/03/14	46	100	CS	X		6	15	22.5	270	1,261,489
P-385	46086	10/03/14	49	100	CS	X		6	200	22.5	4,039	1,265,529
P-386	46086	10/03/14	50	100	CS	X		6	70	22.5	1,469	1,266,998
P-387	46094	10/03/14	50	100	CS	X		6	118	22.5	2,444	1,269,442
P-388	46086	10/03/14	50	100	CS	X		6	18	22.5	353	1,269,795
P-389	46094	10/03/14	50	100	CS	X		6	144	22.5	2,923	1,272,718
P-390	46094	10/03/14	50	100	CS	X		6	28	22.5	640	1,273,358
P-391	46090	10/03/14	50	100	CS	X		6	105	22.5	2,181	1,275,539
P-392	46090	10/03/14	50	100	CS	X		6	105	22.5	2,285	1,277,824

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOYMENT DATE	AMBIENT AIR TEMPERATURE (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERVATION	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-393	460866	10/03/14	50	100	CS	X		6	17	22.5	280	1,278,104
P-394	46090	10/03/14	50	100	CS	X		6	44	22.5	919	1,279,023
P-395	45084	10/03/14	50	100	CS	X		6	23	22.5	472	1,279,495
P-396	46090	10/03/14	50	100	CS	X		6	57	22.5	1,151	1,280,646
P-397	45084	10/03/14	48	100	CS	X		6	22	22.5	420	1,281,066
P-398	46089	10/03/14	48	100	CS	X		6	332	22.5	6,208	1,287,274
P-399	46088	10/03/14	46	100	CS	X		6	332	22.5	6,817	1,294,091
P-400	57121	10/03/14	46	100	CS	X		6	330	22.5	6,773	1,300,864
P-401	57112	10/04/14	41	100	CS	X		6	320	22.5	7,070	1,307,934
P-402	45084	10/04/14	43	100	CS	X		6	94	22.5	1,974	1,309,908
P-403	57121	10/04/14	46	100	CS	X		6	280	22.5	5,708	1,315,616
P-404	57120	10/04/14	48	100	CS	X		6	11	22.5	213	1,315,829
P-405	57120	10/04/14	50	100	CS	X		6	34	22.5	714	1,316,542
P-406	45084	10/04/14	52	100	CS	X		6	153	22.5	3,170	1,319,712
P-407	45085	10/04/14	55	100	CS	X		6	66	22.5	1,387	1,321,099
P-408	45085	10/04/14	56	100	CS	X		6	244	22.5	5,082	1,326,181
P-409	45085	10/04/14	58	100	CS	X		6	11	22.5	200	1,326,381
P-410	57118	10/04/14	59	100	CS	X		6	215	22.5	4,443	1,330,824
P-411	57118	10/04/14	60	100	CS	X		6	105	22.5	2,108	1,332,932
P-412	46087	10/04/14	60	100	CS	X		6	100	22.5	2,042	1,334,975
P-413	57118	10/04/14	61	100	CS	X		6	11	22.5	229	1,335,203
P-414	46087	10/04/14	61	100	CS	X		6	171	22.5	3,501	1,338,705
P-415	46087	10/04/14	61	100	CS	X		6	43	22.5	886	1,339,591
P-416	46093	10/04/14	62	100	CS	X		6	116	22.5	2,380	1,341,971
P-417	46093	10/04/14	62	100	CS	X		6	136	22.5	2,820	1,344,792
P-418	46087	10/04/14	62	100	CS	X		6	12	22.5	234	1,345,026
P-419	46093	10/04/14	63	100	CS	X		6	61	22.5	1,245	1,346,271
P-420	57119	10/04/14	63	100	CS	X		6	42	22.5	873	1,347,144

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Panel Deployment Summary**



PANEL NUMBER	ROLL NUMBER	DEPLOYMENT DATE	AMBIENT AIR TEMPERATURE (°F)	AVERAGE SHEET THICKNESS (mils)	QA MONITOR	VISUAL OBSERVATION	REMARKS	APPROXIMATE DEPLOYMENT			DEPLOYMENT QUANTITIES	
								OVER- LAP (Inch)	LENGTH (Feet)	WIDTH (Feet)	AREA (by survey) (Feet ²)	CUMULATIVE QUANTITY (Feet ²)
P-421	57119	10/04/14	63	100	CS	X		6	94	22.5	1,940	1,349,084
P-422	57119	10/04/14	64	100	CS	X		6	12	22.5	237	1,349,321
P-423	57119	10/04/14	64	100	CS	X		6	61	22.5	1,273	1,350,594
P-424	57119	10/04/14	64	100	CS	X		6	29	22.5	582	1,351,176
P-425	54079	10/04/14	64	100	CS	X		6	14	22.5	259	1,351,435
P-426	53043	10/04/14	62	100	CS	X		6	8	22.5	217	1,351,652
P-427	57119	10/04/14	62	100	CS	X		6	30	22.5	618	1,352,270
P-428	45084	10/04/14	60	100	CS	X		6	10	18	152	1,352,422
P-429	57119	10/04/14	59	100	CS	X		6	39	11	394	1,352,815

Appendix K.2

**Primary Geomembrane
Fusion & Extrusion Trial Seam Summary**

Fusion Welds

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						QA MONITOR	REMARKS	
						MACHINE TEMPERATURE (°F)	SPEED SETTING	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				PASS/ FAIL
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
08/11/14	TF-1	2:05 PM	92	JD	65	850	10.0	150	SE1	134	SE1	164	BRK	PASS	DB	Smooth on Smooth
								158	SE1	150	SE1					
08/11/14	TF-2	2:05 PM	93	JT	65	850	10.5	146	SE1	142	SE1	161	BRK	PASS	DB	Smooth on Smooth
								134	SE1	149	SE1					
08/11/14	TF-3	4:00 PM	94	JD	65	850	10.0	132	SE1	154	SE1	180	BRK	PASS	DB	Smooth on Smooth
								143	SE1	155	SE1					
08/12/14	TF-4	8:56 AM	94	JD	68	850	10.0	160	SE1	162	SE1	190	BRK	PASS	AT	Smooth on Smooth
								162	SE1	160	SE1					
08/12/14	TF-5	9:00 AM	93	JT	68	850	10.0	160	SE1	166	SE1	184	BRK	PASS	AT	Smooth on Smooth
								165	SE1	170	SE1					
08/12/14	TF-6	1:25 PM	93	JT	77	850	10.0	144	SE1	140	SE1	149	BRK	PASS	AT	Smooth on Smooth
								145	SE1	145	SE1					
08/12/14	TF-7	1:30 PM	94	JD	77	850	10.0	142	SE1	126	SE1	148	BRK	PASS	AT	Smooth on Smooth
								136	SE1	147	SE1					
08/13/14	TF-8	9:05 AM	94	JD	73	850	10.0	185	SE1	173	SE1	196	BRK	PASS	CS	Smooth on Smooth
								173	SE1	184	SE1					
08/13/14	TF-9	9:45 AM	93	JT	73	850	10.5	129	SE1	141	SE1	165	BRK	PASS	CS	Smooth on Smooth
								122	SE1	137	SE1					
08/14/14	TF-10	9:30 AM	94	JD	74	850	10.0	180	SE1	183	SE1	206	BRK	PASS	CS	Smooth on Smooth
								182	SE1	180	SE1					
08/14/14	TF-11	9:30 AM	93	JT	74	850	10.0	168	SE1	161	SE1	188	BRK	PASS	CS	Smooth on Smooth
								167	SE1	166	SE1					
08/15/14	TF-12	8:18 AM	94	JD	52	850	10.0	161	SE1	141	SE1	186	BRK	PASS	BR	Smooth on Smooth
								131	SE1	140	SE1					
08/15/14	TF-13	8:31 AM	93	JT	52	850	10.5	127	SE1	161	SE1	194	BRK	PASS	BR	Smooth on Smooth
								160	SE1	173	SE1					
08/15/14	TF-14	1:10 PM	94	JD	73	850	10.0	143	SE1	146	SE1	177	BRK	PASS	BM	Smooth on Smooth
								142	SE1	147	SE1					
08/15/14	TF-15	1:15 PM	93	JT	73	850	10.5	167	SE1	171	SE1	174	BRK	PASS	BM	Smooth on Smooth
								156	SE1	157	SE1					
08/16/14	TF-16	9:00 AM	94	JD	57	850	10.0	175	SE1	167	SE1	190	BRK	PASS	BM	Smooth on Smooth
								173	SE1	169	SE1					
08/16/14	TF-17	9:05 AM	93	JT	57	850	10.5	140	SE1	174	SE1	192	BRK	PASS	BM	Smooth on Smooth
								158	SE1	168	SE1					

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS							QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)		PASS/ FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
08/23/14	TF-18	8:25 AM	93	JT	63	850	10.0	169	SE1	152	SE1	200	BRK	PASS	AF	Smooth on Smooth
								158	SE1	161	SE1					
08/23/14	TF-19	8:30 AM	94	JD	63	850	10.0	179	SE1	183	SE1	198	BRK	PASS	AF	Smooth on Smooth
								165	SE1	180	SE1					
08/25/14	TF-20	1:40 PM	93	JT	71	850	10.0	123	SE1	148	SE1	156	BRK	PASS	AT	Smooth on Smooth
								130	SE1	140	SE1					
08/25/14	TF-21	1:50 PM	94	JT	71	850	10.0	150	SE1	159	SE1	174	BRK	PASS	AT	Smooth on Smooth
								171	SE1	171	SE1					
08/26/14	TF-22	8:15 AM	94	JD	53	850	10.0	156	SE1	162	SE1	189	BRK	PASS	AF	Smooth on Smooth
								143	SE1	177	SE1					
08/26/14	TF-23	1:05 PM	94	JD	68	850	10.0	151	SE1	145	SE1	162	BRK	PASS	AF	Smooth on Smooth
								160	SE1	140	SE1					
08/26/14	TF-24	1:10 PM	93	JT	68	850	10.0	153	SE1	146	SE1	168	BRK	PASS	AF	Smooth on Smooth
								144	SE1	153	SE1					
08/27/14	TF-25	8:00 AM	93	JT	53	850	10.0	184	SE1	180	SE1	223	BRK	PASS	AF	Smooth on Smooth
								158	SE1	176	SE1					
08/27/14	TF-26	8:00 AM	94	JD	53	850	10.0	143	SE1	135	SE1	220	BRK	PASS	AF	Smooth on Smooth
								173	SE1	192	SE1					
09/04/14	TF-27	8:15 AM	94	JD	65	850	10.0	157	SE1	153	SE1	188	BRK	PASS	CS	Smooth on Smooth
								160	SE1	160	SE1					
09/04/14	TF-28	8:20 AM	93	JT	65	850	10.5	177	SE1	170	SE1	204	BRK	PASS	CS	Smooth on Smooth
								160	SE1	169	SE1					
09/04/14	TF-29	1:00 PM	94	JD	74	850	10.0	127	SE1	128	SE1	151	BRK	PASS	AF	Smooth on Smooth
								140	SE1	135	SE1					
09/04/14	TF-30	1:00 PM	93	JT	74	850	10.5	138	SE1	133	SE1	163	BRK	PASS	AF	Smooth on Smooth
								149	SE1	145	SE1					
09/06/14	TF-31	8:15 AM	94	JD	94	850	10.0	202	SE1	189	SE1	223	BRK	PASS	CS	Smooth on Smooth
								200	SE1	196	SE1					
09/06/14	TF-32	8:30 AM	93	JT	93	850	10.0	181	SE1	175	SE1	213	BRK	PASS	CS	Smooth on Smooth
								167	SE1	177	SE1					
09/06/14	TF-33	12:20 PM	94	JD	94	850	10.0	142	SE1	142	SE1	166	BRK	PASS	CS	Smooth on Smooth
								146	SE1	139	SE1					
09/06/14	TF-34	12:20 PM	93	JT	93	850	10.0	136	SE1	144	SE1	147	BRK	PASS	CS	Smooth on Smooth
								141	SE1	130	SE1					

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						QA MONITOR	REMARKS	
						MACHINE TEMPERATURE (°F)	SPEED SETTING	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				PASS/ FAIL
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
09/06/14	TF-35	3:35 PM	93	JT	93	850	10.0	134	SE1	141	SE1	165	BRK	PASS	TLB	Smooth on Smooth
								148	SE1	152	SE1					
09/08/14	TF-36	8:15 AM	93	JT	56	850	10.0	164	SE1	172	SE1	207	BRK	PASS	CS	Smooth on Smooth
								165	SE1	162	SE1					
09/08/14	TF-37	12:15 PM	93	JT	61	850	10.0	162	SE1	162	SE1	193	BRK	PASS	CS	Smooth on Smooth
								148	SE1	156	SE1					
09/08/14	TF-38	12:15 PM	94	JD	61	850	10.0	172	SE1	162	SE1	172	BRK	PASS	CS	Smooth on Smooth
								154	SE1	159	SE1					
09/09/14	TF-39	7:50 AM	94	JD	54	850	10.0	204	SE1	199	SE1	234	BRK	PASS	CS	Smooth on Smooth
								190	SE1	186	SE1					
09/09/14	TF-40	7:50 AM	93	JT	54	850	10.0	199	SE1	190	SE1	238	BRK	PASS	CS	Smooth on Smooth
								193	SE1	201	SE1					
09/09/14	TF-41	9:15 AM	94	JD	59	850	10.0	190	SE1	177	SE1	204	BRK	PASS	CS	Smooth on Smooth
								180	SE1	166	SE1					
09/11/14	TF-42	8:00 AM	93	JT	48	850	10.0	211	SE1	213	SE1	262	BRK	PASS	CS	Smooth on Smooth
								205	SE1	203	SE1					
09/11/14	TF-43	8:05 AM	94	JD	48	850	10.0	194	SE1	212	SE1	258	BRK	PASS	CS	Smooth on Smooth
								198	SE1	189	SE1					
09/11/14	TF-44	2:25 PM	93	JT	60	850	10.0	162	SE1	169	SE1	202	BRK	PASS	CS	Smooth on Smooth
								169	SE1	170	SE1					
09/12/14	TF-45	11:30 AM	94	JD	37	850	10.0	167	SE1	161	SE1	187	BRK	PASS	AF	Smooth on Smooth
								170	SE1	163	SE1					
09/12/14	TF-46	11:40 AM	93	JT	37	850	10.0	156	SE1	147	SE1	196	BRK	PASS	AF	Smooth on Smooth
								160	SE1	148	SE1					
09/13/14	TF-47	9:30 AM	94	JD	55	850	10.0	150	SE1	154	SE1	213	BRK	PASS	CS	Smooth on Smooth
								141	SE1	154	SE1					
09/13/14	TF-48	8:30 AM	93	JT	47	850	10.0	169	SE1	168	SE1	207	BRK	PASS	CS	Smooth on Smooth
								164	SE1	173	SE1					
09/13/14	TF-49	1:00 PM	93	JT	65	850	10.0	170	SE1	155	SE1	169	BRK	PASS	CS	Smooth on Smooth
								164	SE1	144	SE1					
09/13/14	TF-50	1:00 PM	94	JD	65	850	10.0	160	SE1	118	SE1	175	BRK	PASS	CS	Smooth on Smooth
								160	SE1	138	SE1					
09/14/14	TF-51	8:20 AM	93	JT	52	850	10.0	194	SE1	204	SE1	212	BRK	PASS	NA	Smooth on Smooth
								198	SE1	187	SE1					

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS							QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)		PASS/ FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
09/14/14	TF-52	8:25 AM	94	JD	52	850	10.0	167	SE1	149	SE1	205	BRK	PASS	NA	Smooth on Smooth
								179	SE1	141	SE1					
09/15/14	TF-53	8:00 AM	94	JD	54	850	10.0	210	SE1	210	SE1	243	BRK	PASS	AF	Smooth on Smooth
								195	SE1	194	SE1					
09/15/14	TF-54	8:00 AM	93	JT	54	850	10.0	183	SE1	150	SE1	250	BRK	PASS	AF	Smooth on Smooth
								173	SE1	197	SE1					
09/15/14	TF-55	1:20 PM	93	JT	64	850	10.0	140	SE1	131	SE1	150	BRK	PASS	AF	Smooth on Smooth
								121	SE1	133	SE1					
09/15/14	TF-56	1:20 PM	94	JD	64	850	10.0	158	SE1	124	SE1	174	BRK	PASS	AF	Smooth on Smooth
								122	SE1	164	SE1					
09/16/14	TF-57	8:40 AM	94	JD	57	850	10.0	186	SE1	171	SE1	217	BRK	PASS	CS	Smooth on Smooth
								188	SE1	169	SE1					
09/16/14	TF-58	8:45 AM	93	JT	57	850	10.0	178	SE1	173	SE1	188	BRK	PASS	CS	Smooth on Smooth
								173	SE1	164	SE1					
09/16/14	TF-59	1:20 PM	94	JD	67	850	10.0	153	SE1	145	SE1	167	BRK	PASS	CS	Smooth on Smooth
								137	SE1	152	SE1					
09/16/14	TF-60	12:00 PM	93	JT	67	850	9.5	152	SE1	154	SE1	185	BRK	PASS	CS	Smooth on Smooth
								167	SE1	157	SE1					
09/17/14	TF-61	8:00 AM	93	JT	55	850	10.0	184	SE1	146	SE1	213	BRK	PASS	CS	Smooth on Smooth
								184	SE1	146	SE1					
09/17/14	TF-62	8:00 AM	94	JD	55	850	10.0	153	SE1	204	SE1	219	BRK	PASS	CS	Smooth on Smooth
								164	SE1	188	SE1					
09/17/14	TF-63	2:05 PM	94	JD	65	850	10.0	173	SE1	172	SE1	181	BRK	PASS	CS	Smooth on Smooth
								141	SE1	167	SE1					
09/18/14	TF-64	8:15 AM	54	JT	54	850	10.0	194	SE1	190	SE1	218	BRK	PASS	NA	Smooth on Smooth
								180	SE1	187	SE1					
09/18/14	TF-65	8:00 AM	54	JD	54	850	10.0	210	SE1	190	SE1	256	BRK	PASS	NA	Smooth on Smooth
								204	SE1	208	SE1					
09/18/14	TF-66	1:30 PM	93	JT	70	850	10.0	123	SE1	120	SE1	136	BRK	PASS	JWR	Smooth on Smooth
								129	SE1	136	SE1					
09/18/14	TF-67	1:30 PM	94	JD	70	850	10.0	143	SE1	136	SE1	150	BRK	PASS	JWR	Smooth on Smooth
								131	SE1	145	SE1					
09/19/14	TF-68	8:10 AM	94	JD	53	850	10.0	190	SE1	189	SE1	228	BRK	PASS	BM	Smooth on Smooth
								172	SE1	159	SE1					

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS							QA MONITOR	REMARKS
						MACHINE TEMPERATURE (°F)	SPEED SETTING	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)		PASS/ FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
09/19/14	TF-69	8:35 AM	93	JT	53	850	10.0	159	SE1	164	SE1	184	BRK	PASS	BM	Smooth on Smooth
								159	SE1	146	SE1					
09/19/14	TF-70	1:40 PM	94	JD	69	850	10.0	147	SE1	149	SE1	173	BRK	PASS	BM	Smooth on Smooth
								157	SE1	160	SE1					
09/19/14	TF-71	1:40 PM	93	JT	69	850	10.0	159	SE1	160	SE1	174	BRK	PASS	BM	Smooth on Smooth
								142	SE1	154	SE1					
09/20/14	TF-72	8:05 AM	93	JT	57	850	10.0	194	SE1	188	SE1	236	BRK	PASS	NA	Smooth on Smooth
								188	SE1	180	SE1					
09/20/14	TF-73	8:10 AM	94	JD	57	850	10.0	178	SE1	184	SE1	216	BRK	PASS	NA	Smooth on Smooth
								176	SE1	180	SE1					
09/20/14	TF-74	1:30 PM	94	JD	66	850	10.0	132	SE1	122	SE1	147	BRK	PASS	RB	Smooth on Smooth
								150	SE1	143	SE1					
09/20/14	TF-75	1:30 PM	93	JT	66	850	10.0	115	SE1	126	SE1	170	BRK	PASS	RB	Smooth on Smooth
								149	SE1	149	SE1					
09/23/14	TF-76	8:00 AM	94	JD	52	850	10.0	197	SE1	190	SE1	221	BRK	PASS	NA	Smooth on Smooth
								186	SE1	196	SE1					
09/24/14	TF-77	8:10 AM	94	JD	49	850	10.0	178	SE1	181	SE1	244	BRK	PASS	NA	Smooth on Smooth
								181	SE1	178	SE1					
09/24/14	TF-78	8:10 AM	92	JT	49	850	10.0	193	SE1	195	SE1	260	BRK	PASS	NA	Smooth on Smooth
								196	SE1	217	SE1					
09/24/14	TF-79	1:35 PM	94	JD	62	850	10.0	145	SE1	146	SE1	179	BRK	PASS	RB	Smooth on Smooth
								148	SE1	141	SE1					
09/25/14	TF-80	1:20 PM	92	JT	65	850	10.0	138	SE1	152	SE1	149	BRK	PASS	CS	Smooth on Smooth
								134	SE1	139	SE1					
09/25/14	TF-81	1:30 PM	94	JD	65	850	10.0	148	SE1	136	SE1	161	BRK	PASS	CS	Smooth on Smooth
								129	SE1	142	SE1					
09/25/14	TF-82	2:15 PM	56	LD	67	850	9.0	119	SE1	135	SE1	152	BRK	PASS	CS	Smooth on Smooth
								135	SE1	138	SE1					
09/26/14	TF-83	8:30 AM	94	JD	56	850	10.0	187	SE1	180	SE1	228	BRK	PASS	RB	Smooth on Smooth
								189	SE1	145	SE1					
09/26/14	TF-84	8:35 AM	92	JT	56	850	10.0	177	SE1	168	SE1	246	BRK	PASS	RB	Smooth on Smooth
								187	SE1	192	SE1					
09/26/14	TF-85	1:00 PM	94	JD	72	850	10.0	120	SE1	137	SE1	146	BRK	PASS	RB	Smooth on Smooth
								120	SE1	154	SE1					

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Trial Seam Summary**



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						QA MONITOR	REMARKS	
						MACHINE TEMPERATURE (°F)	SPEED SETTING	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				PASS/ FAIL
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
09/26/14	TF-86	1:00 PM	92	JT	72	850	10.0	155	SE1	155	SE1	156	BRK	PASS	RB	Smooth on Smooth
								153	SE1	154	SE1					
09/28/14	TF-87	8:50 AM	94	JD	56	850	10.0	199	SE1	177	SE1	224	BRK	PASS	TB	Smooth on Smooth
								177	SE1	144	SE1					
09/28/14	TF-88	9:00 AM	92	JT	56	850	10.0	160	SE1	171	SE1	206	BRK	PASS	TB	Smooth on Smooth
								172	SE1	164	SE1					
09/28/14	TF-89	9:20 AM	92	JT	57	850	10.0	163	SE1	158	SE1	172	BRK	PASS	TB	Smooth on Smooth
								177	SE1	173	SE1					
09/28/14	TF-90	9:40 AM	94	JD	58	850	10.0	183	SE1	172	SE1	209	BRK	PASS	TB	Smooth on Smooth
								186	SE1	181	SE1					
09/28/14	TF-91	4:00 PM	92	JT	67	850	10.0	158	SE1	142	SE1	192	BRK	PASS	TB	Smooth on Smooth
								183	SE1	175	SE1					
10/01/14	TF-92	12:40 PM	94	JD	45	850	10.0	143	SE1	154	SE1	189	BRK	PASS	BM	Smooth on Smooth
								140	SE1	139	SE1					
10/01/14	TF-93	2:50 PM	92	JT	45	850	10.0	168	SE1	184	SE1	217	BRK	PASS	BM	Smooth on Smooth
								161	SE1	167	SE1					
10/03/14	TF-94	8:40 AM	93	LD	34	850	9.0	181	SE1	168	SE1	221	BRK	PASS	CS	Smooth on Smooth
								197	SE1	186	SE1					
10/03/14	TF-95	8:40 AM	94	JD	34	850	10.0	191	SE1	184	SE1	234	BRK	PASS	CS	Smooth on Smooth
								178	SE1	181	SE1					
10/03/14	TF-96	8:40 AM	92	JT	34	850	9.5	204	SE1	184	SE1	235	BRK	PASS	CS	Smooth on Smooth
								198	SE1	158	SE1					
10/03/14	TF-97	1:00 PM	94	JD	55	850	10.0	153	SE1	154	SE1	167	BRK	PASS	CS	Smooth on Smooth
								152	SE1	170	SE1					
10/03/14	TF-98	1:15 PM	92	JT	55	850	10.0	165	SE1	144	SE1	195	BRK	PASS	CS	Smooth on Smooth
								157	SE1	165	SE1					
10/04/14	TF-99	7:30 AM	94	JD	41	850	10.0	220	SE1	205	SE1	268	BRK	PASS	CS	Smooth on Smooth
								205	SE1	202	SE1					
10/04/14	TF-100	7:50 AM	92	JT	41	850	9.5	196	SE1	202	SE1	259	BRK	PASS	CS	Smooth on Smooth
								214	SE1	215	SE1					
10/04/14	TF-101	9:50 AM	93	PL	51	850	10.0	167	SE1	169	SE1	200	BRK	PASS	CS	Smooth on Smooth
								163	SE1	165	SE1					
10/04/14	TF-102	1:00 PM	94	JD	64	850	10.0	136	SE1	140	SE1	183	BRK	PASS	CS	Smooth on Smooth
								136	SE1	137	SE1					

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Trial Seam Summary



DATE	SAMPLE NUMBER	TIME	MACHINE NUMBER	WELD TECH	AMBIENT AIR TEMPERATURE (°F)	MACHINE SETTINGS		TEST RESULTS						QA MONITOR	REMARKS	
						MACHINE TEMPERATURE (°F)	SPEED SETTING	INSIDE PEEL (Min.=100)		OUTSIDE PEEL (Min.=100)		SHEAR (Min.=130)				PASS/ FAIL
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE			
10/04/14	TF-103	1:10 PM	92	JT	64	850	10.0	154	SE1	137	SE1	179	BRK	PASS	CS	Smooth on Smooth
								141	SE1	127	SE1					

Extrusion Welds

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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/ FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
08/11/14	TX-1	4:31 PM	120	LD	60	518	480	145	SE3	184	BRK	PASS	DB	
								152	SE3					
08/13/14	TX-2	8:58 AM	120	LD	73	518	480	178	SE3	204	BRK	PASS	CS	
								133	SE3					
08/13/14	TX-3	1:26 PM	120	LD	79	518	480	138	SE3	185	BRK	PASS	CS	
								149	SE3					
08/14/14	TX-4	9:03 AM	120	LD	74	518	480	194	SE3	207	BRK	PASS	CS	
								175	SE3					
08/15/14	TX-5	8:08 AM	120	LD	52	518	480	167	SE3	240	BRK	PASS	BM	
								144	SE3					
08/15/14	TX-6	1:40 PM	120	LD	73	518	480	121	SE3	153	BRK	PASS	BM	
								129	SE3					
08/16/14	TX-7	9:12 AM	120	LD	57	518	480	136	SE3	181	BRK	PASS	BM	
								148	SE3					
08/16/14	TX-8	3:34 PM	120	LD	73	518	480	132	SE3	164	BRK	PASS	BM	
								130	SE3					
08/18/14	TX-9	8:20 AM	120	LD	69	518	480	201	SE3	227	BRK	PASS	CS	
								157	SE3					
08/26/14	TX-10	8:26 AM	116	LD	53	530	500	135	SE3	200	BRK	PASS	AF	
								186	SE3					
08/27/14	TX-11	11:07 AM	116	LD	60	515	500	164	SE3	221	BRK	PASS	CS	
								137	SE3					
09/04/14	TX-12	3:30 PM	103	JT	75	540	420	163	SE3	190	BRK	PASS	AF	
								160	SE3					
09/04/14	TX-13	3:47 PM	120	LD	76	500	500	153	SE3	180	BRK	PASS	AF	
								148	SE3					
09/04/14	TX-14	4:00 PM	108	PL	75	430	420	117	SE3	181	BRK	PASS	AF	
								137	SE3					
09/05/14	TX-15	1:17 PM	120	LD	68	518	500	158	SE3	190	BRK	PASS	CS	
								143	SE3					
09/07/14	TX-15	9:05 AM	120	AB	62	480	500	1333	SE3	177	BRK	PASS	CS	
								119	SE3					
09/07/14	TX-16	1:05 PM	120	AB	71	480	500	148	SE3	181	BRK	PASS	CS	
								139	SE3					

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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/ FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
09/08/14	TX-17	8:20 AM	120	LD	56	510	500	148	SE3	217	BRK	PASS	CS	
								154	SE3					
09/08/14	TX-18	12:17 PM	120	LD	61	510	500	138	SE3	207	BRK	PASS	CS	
								149	SE3					
09/09/14	TX-19	7:50 AM	120	LD	54	510	550	146	SE3	207	BRK	PASS	CS	
								157	SE3					
09/09/14	TX-20	1:44 PM	120	LD	66	510	500	172	SE3	198	BRK	PASS	CS	
								173	SE3					
09/09/14	TX-21	2:10 PM	103	AR	65	510	420	150	SE3	203	BRK	PASS	CS	
								147	SE3					
09/09/14	TX-22	2:50 PM	108	PL	65	480	500	135	SE3	195	BRK	PASS	CS	
								160	SE3					
09/11/14	TX-23	8:00 AM	120	LD	48	500	500	143	SE3	217	BRK	PASS	CS	
								171	SE3					
09/11/14	TX-24	2:26 PM	120	LD	60	350	480	178	SE3	196	BRK	PASS	CS	
								142	SE3					
09/11/14	TX-25	2:45 PM	108	PL	60	490	460	149	SE3	211	BRK	PASS	CS	
								178	SE3					
09/13/14	TX-26	8:15 AM	120	LD	47	480	500	167	SE3	154	BRK	PASS	CS	
								190	SE3					
09/13/14	TX-27	1:12 PM	120	LD	65	480	500	157	SE3	178	BRK	PASS	CS	
								130	SE3					
09/13/14	TX-28	3:05 PM	120	LD	65	480	500	120	SE3	162	BRK	PASS	CS	
								146	SE3					
09/14/14	TX-29	9:10 AM	120	OT	62	568	500	162	SE3	202	BRK	PASS	NA	
								153	SE3					
09/15/14	TX-30	9:00 AM	120	LD	64	527	518	146	SE3	164	BRK	PASS	CS	
								140	SE3					
09/15/14	TX-31	1:27 PM	120	LD	64	527	518	117	SE3	182	BRK	PASS	AF	
								152	SE3					
09/16/14	TX-32	8:04 AM	120	LD	57	530	500	193	SE3	232	BRK	PASS	DK	
								173	SE3					
09/16/14	TX-33	1:10 PM	120	LD	67	530	500	145	SE3	172	BRK	PASS	CS	
								162	SE3					

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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/ FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
09/16/14	TX-34	4:20 PM	103	LD	67	500	500	120	SE3	161	BRK	PASS	JWR	
								118	SE3					
09/16/14	TX-35	4:25 PM	108	PL	67	490	470	139	SE3	171	BRK	PASS	JWR	
								126	SE3					
09/17/14	TX-36	8:06 AM	103	LD	55	500	500	153	SE3	206	BRK	PASS	CS	
								163	SE3					
09/17/14	TX-37	2:06 PM	103	LD	65	500	500	143	SE3	172	BRK	PASS	CS	
								127	SE3					
09/18/14	TX-38	9:39 AM	103	LD	65	500	500	142	SE3	201	BRK	PASS	NA	
								175	SE3					
09/18/14	TX-39	1:44 PM	103	LD	70	500	500	124	SE3	185	BRK	PASS	NA	
								124	SE3					
09/18/14	TX-40	3:30 PM	108	JT	70	480	500	135	SE3	165	BRK	PASS	NA	
								131	SE3					
09/19/14	TX-41	7:52 AM	103	LD	46	500	500	130	SE3	200	BRK	PASS	BM	
								142	SE3					
09/19/14	TX-42	1:43 PM	103	LD	69	500	500	131	SE3	174	BRK	PASS	BM	
								113	SE3					
09/20/14	TX-43	7:52 AM	103	LD	57	500	500	167	SE3	179	BRK	PASS	NA	
								181	SE3					
09/20/14	TX-44	1:45 PM	120	LD	66	520	480	119	SE3	151	BRK	PASS	NA	
								123	SE3					
09/23/14	TX-45	8:42 AM	120	LD	52	520	480	137	SE3	191	BRK	PASS	NA	
								135	SE3					
09/23/14	TX-46	11:00 AM	108	JD	60	500	500	177	SE3	203	BRK	PASS	CS	
								160	SE3					
09/23/14	TX-47	2:30 PM	108	JD	60	500	180	119	SE3	177	BRK	PASS	RB	
								144	SE3					
09/23/14	TX-48	1:27 PM	120	LD	66	480	500	127	SE3	186	BRK	PASS	NA	
								173	SE3					
09/24/14	TX-49	7:30 AM	120	LD	50	520	500	154	SE3	219	BRK	PASS	NA	
								136	SE3					
09/24/14	TX-50	3:20 PM	120	LD	60	480	500	140	SE3	163	BRK	PASS	BR	
								123	SE3					

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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/ FAIL		
								STENGTH (ppi)	MODE ¹	STENGTH (ppi)	MODE ¹			
09/25/14	TX-51	7:53 AM	116	LD	51	540	500	165	SE3	212	BRK	PASS	NA	
								159	SE3					
09/26/14	TX-52	10:52 AM	116	LD	63	510	520	125	SE3	177	BRK	PASS	RB	
								139	SE3					
09/26/14	TX-53	3:30 PM	116	LD	76	510	510	142	SE3	149	BRK	PASS	RB	
								149	SE3					
09/29/14	TX-54	10:20 AM	120	LD	52	548	530	131	SE3	191	BRK	PASS	BM	
								170	SE3					
09/29/14	TX-55	1:20 PM	103	JD	60	500	550	139	SE3	199	BRK	PASS	BM	
								141	SE3					
09/30/14	TX-56	10:55 AM	120	LD	37	550	500	147	SE3	217	BRK	PASS	BM	
								187	SE3					
09/30/14	TX-57	10:40 AM	108	JD	37	480	500	154	SE3	193	BRK	PASS	BM	
								127	SE3					
10/01/14	TX-58	12:51 PM	116	LD	45	540	510	123	SE3	194	BRK	PASS	BM	
								141	SE3					
10/01/14	TX-59	3:45 PM	120	JD	45	480	550	140	SE3	207	BRK	PASS	CS	
								129	SE3					
10/04/14	TX-60	8:27 AM	116	LD	45	550	550	189	SE3	218	BRK	PASS	BM	
								176	SE3					
10/04/14	TX-61	1:18 PM	116	LD	64	520	500	153	SE3	159	BRK	PASS	CS	
								130	SE3					

Appendix K.3

**Primary Geomembrane
Fusion Welding Summary**

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-1/P-2	W EOS / E EOS	8/11/2014	3:16 PM	61	JT	93	10.5	850	851	330	DB		
P-2/P-3	W EOS / E EOS	8/11/2014	4:05 PM	65	JT	93	10.5	850	851	331	AF	PDF-1	
P-3/P-4	W EOS / E EOS	8/11/2014	4:13 PM	65	JD	94	10.0	850	849	328	AF		
P-4/P-5	W EOS / E EOS	8/11/2014	5:00 PM	60	JT	93	10.5	850	850	331	DB	PDF-2	
P-5/P-6	W EOS / E EOS	8/11/2014	5:10 PM	60	JD	94	10.0	850	850	331	AF	PDF-3	
P-6/P-7	W EOS / E EOS	8/11/2014	5:50 PM	60	JT	93	10.5	850	851	331	DB		
P-7/P-8	W EOS / E EOS	8/12/2014	9:13 AM	69	JD	94	10.0	850	850	333	AF	PDF-4	
P-8/P-9	W EOS / E EOS	8/12/2014	10:05 AM	64	JT	93	10.0	850	850	333	DB	PDF-5	
P-9/P-10	W EOS / E EOS	8/12/2014	10:35 AM	72	JD	94	10.0	850	848	332	BM		
P-10/P-11	W EOS / E EOS	8/12/2014	11:25 AM	72	JT	93	10.0	850	851	297	DB	PDF-6	
P-11/P-13	W EOS / E EOS	8/12/2014	11:58 AM	72	JD	94	10.0	850	850	153	AT	PDF-7	
P-12/P-13	N EOS / S EOS	8/12/2014	12:05 PM	74	JT	93	10.0	850	850	23	DB		
P-11/P-12	W EOS / E EOS	8/12/2014	12:14 PM	76	JD	94	10.0	850	852	89	AT		
P-13/P-14	W EOS / E EOS	8/12/2014	2:10 PM	77	JT	93	11.0	850	849	152	DB		
P-12/P-14	W EOS / E EOS	8/12/2014	2:26 PM	80	JT	93	11.0	850	850	33	DB		
P-14/P-15	W EOS / E EOS	8/12/2014	2:28 PM	78	JD	94	10.0	850	850	129	AT		Partial Seam Capped
P-15/P-16	W EOS / E EOS	8/12/2014	3:40 PM	80	JT	93	11.0	850	852	44	DB		
P-16/P-17	W EOS / E EOS	8/12/2014	4:20 PM	70	JD	94	10.0	850	850	26	AT		
P-15/P-17	W EOS / E EOS	8/12/2014	4:24 PM	70	JD	94	10.0	850	850	57	AT		
P-14/P-17	W EOS / E EOS	8/12/2014	4:32 PM	70	JD	94	10.0	850	848	58	AT		
P-12/P-17	W EOS / E EOS	8/12/2014	4:38 PM	70	JD	94	10.0	850	849	60	AT		
P-11/P-17	W EOS / E EOS	8/12/2014	4:46 PM	70	JD	94	10.0	850	850	59	AT	PDF-8	
P-10/P-17	W EOS / E EOS	8/12/2014	4:56 PM	70	JD	94	10.0	850	850	42	AT		
P-17/P-18	W EOS / E EOS	8/12/2014	5:07 PM	67	JT	93	11.0	850	849	322	AF	PDF-9	
P-19/P-20	W EOS / E EOS	8/13/2014	9:58 AM	74	JD	94	10.0	850	851	338	AF		
P-18/P-19	W EOS / E EOS	8/13/2014	11:15 AM	76	JD	94	10.0	850	850	334	AF	PDF-10	
P-20/P-21	W EOS / E EOS	8/13/2014	10:25 AM	73	JT	93	10.5	850	850	340	CS		
P-21/P-22	W EOS / E EOS	8/13/2014	11:44 AM	75	JT	93	10.5	850	850	169	CS	PDF-11	
P-23/P-24	W EOS / E EOS	8/14/2014	9:50 AM	58	JT	93	10.0	850	852	62	BM		
P-15/P-23	W EOS / E EOS	8/14/2014	9:40 AM	58	JD	94	10.0	850	849	40	BM		
P-16/P-23	W EOS / E EOS	8/14/2014	9:50 AM	58	JD	94	10.0	850	850	22	BM		
P-24/P-25	W EOS / E EOS	8/14/2014	9:58 AM	58	JD	94	10.0	850	852	64	BM		
P-25/P-26	W EOS / E EOS	8/14/2014	10:15 AM	62	JT	93	10.0	850	849	65	BM		
P-26/P-27	W EOS / E EOS	8/14/2014	10:30 AM	62	JD	94	10.0	850	848	60	BM	PDF-12	
P-27/P-28	N EOS / S EOS	8/14/2014	10:45 AM	74	JT	93	10.0	850	850	27	CS		
P-26/P-29	N EOS / S EOS	8/14/2014	11:20 AM	74	JT	93	10.0	850	850	23	CS		
P-27/P-29	N EOS / S EOS	8/14/2014	11:27 AM	74	JT	93	10.0	850	850	36	CS		
P-28/P-29	N EOS / S EOS	8/14/2014	11:31 AM	74	JT	93	10.0	850	850	22	CS		
P-17/P-23	N EOS / S EOS	8/14/2014	11:55 AM	74	JT	93	10.0	850	850	26	CS		
P-17/P-24	N EOS / S EOS	8/14/2014	12:00 PM	74	JT	93	10.0	850	850	6	CS		Seam Capped
P-18/P-24	N EOS / S EOS	8/14/2014	12:01 PM	74	JT	93	10.0	850	850	17	CS	PDF-13	
P-18/P-25	N EOS / S EOS	8/14/2014	12:04 PM	74	JT	93	10.0	850	850	6	CS		

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

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-29/P-30	N EOS / S EOS	8/15/2014	9:05 AM	69	JD	94	10.0	850	850	82	AF		
P-30/P-31	N EOS / E EOS	8/15/2014	9:25 AM	69	JT	93	10.0	850	849	42	AF		
P-32/P-33	W EOS / E EOS	8/15/2014	9:42 AM	69	JD	94	10.0	850	851	48	AF		
P-31/P-32	N EOS / E EOS	8/15/2014	9:55 AM	68	JT	93	10.0	850	851	42	AF		
P-33/P-34	N EOS / S EOS	8/15/2014	9:58 AM	68	JD	94	10.0	850	850	66	AF		
P-30/P-33	W EOS / E EOS	8/15/2014	10:01 AM	68	JT	93	10.0	850	850	38	AF		
P-35/P-36	W EOS / E EOS	8/15/2014	10:16 AM	68	JD	94	10.0	850	850	65	AF		
P-34/P-35	W EOS / E EOS	8/15/2014	10:20 AM	68	JT	93	10.0	850	851	65	AF		
P-36/P-37	W EOS / E EOS	8/15/2014	10:37 AM	69	JD	94	10.0	850	851	63	AF		
P-37/P-38	W EOS / E EOS	8/15/2014	10:40 AM	69	JT	93	10.0	850	850	64	AF		
P-38/P-39	W EOS / E EOS	8/15/2014	11:02 AM	70	JD	94	10.0	850	850	65	AF		
P-39/P-40	W EOS / E EOS	8/15/2014	11:15 AM	69	JT	93	10.0	850	849	64	AF		
P-40/P-41	W EOS / E EOS	8/15/2014	11:51 AM	69	JD	94	10.0	850	851	63	AF	PDF-14	
P-41/P-42	W EOS / E EOS	8/15/2014	12:03 PM	69	JT	93	10.0	850	850	63	AF		
P-42/P-43	W EOS / E EOS	8/15/2014	1:28 PM	73	JD	94	10.0	850	850	70	AF		
P-43/P-44	W EOS / E EOS	8/15/2014	1:45 PM	69	JT	93	10.0	850	851	52	AF		
P44/P-45	W EOS / E EOS	8/15/2014	1:50 PM	69	JT	93	10.0	850	850	14	AF		
P-45/P-46	W EOS / E EOS	8/15/2014	2:20 PM	69	JT	93	10.0	850	849	15	AF		
P-44/P-46	W EOS / E EOS	8/15/2014	2:23 PM	70	JT	93	10.0	850	851	36	AF	PDF-15	
P-46/P-47	S EOS / N EOS	8/15/2014	2:26 PM	70	JD	94	10.0	850	850	59	AF		
P-50/P-52	N EOS / S EOS	8/15/2014	3:08 PM	71	JD	94	10.0	850	850	87	AF		
P-51/P-52	W EOS / E EOS	8/15/2014	3:15 PM	70	JT	93	10.0	850	850	23	AF		
P-50/P-51	N EOS / S EOS	8/15/2014	3:17 PM	70	JD	94	10.0	850	851	39	AF		
P-49/P-50	N EOS / S EOS	8/15/2014	3:35 PM	69	JD	94	10.0	850	850	71	AF		
P-48/P-49	N EOS / S EOS	8/15/2014	3:49 PM	69	JD	94	10.0	850	850	58	AF		
P-47/P-48	N EOS / S EOS	8/15/2014	4:06 PM	69	JD	94	10.0	850	850	56	AF		
P-36/P-52	N EOS / S EOS	8/15/2014	4:10 PM	69	JT	93	10.0	850	850	9	AF		
P-37/P-52	N EOS / S EOS	8/15/2014	4:11 PM	69	JT	93	10.0	850	850	23	AF		
P-38/P-52	N EOS / S EOS	8/15/2014	4:13 PM	69	JT	93	10.0	850	850	23	AF		
P-39/P-52	N EOS / S EOS	8/15/2014	4:16 PM	69	JT	93	10.0	850	850	23	AF		
P-40/P-52	N EOS / S EOS	8/15/2014	4:18 PM	69	JT	93	10.0	850	851	13	AF		
P-52/P-53	N EOS / S EOS	8/15/2014	4:19 PM	69	JD	94	10.0	850	850	172	AF	PDF-16	
P-40/P-50	N EOS / S EOS	8/15/2014	4:20 PM	69	JT	93	10.0	850	849	11	AF		
P-41/P-50	N EOS / S EOS	8/15/2014	4:24 PM	69	JT	93	10.0	850	850	24	AF		
P-42/P-50	N EOS / S EOS	8/15/2014	4:23 PM	68	JT	93	10.0	850	852	24	AF		
P-43/P-49	E EOS / W EOS	8/15/2014	4:30 PM	68	JT	93	10.0	850	849	28	AF		
P-51/P-53	N EOS / S EOS	8/15/2014	4:40 PM	69	JD	94	10.0	850	851	38	AF		
P-53/P-54	E EOS / W EOS	8/15/2014	4:50 PM	69	JT	93	10.0	850	851	23	AF		
P-34/P-54	N EOS / S EOS	8/15/2014	5:05 PM	68	JT	93	10.0	850	849	24	AF		
P-35/P-54	N EOS / S EOS	8/15/2014	5:09 PM	68	JT	93	10.0	850	850	23	AF		
P-56/P-57	W EOS / E EOS	8/15/2014	5:10 PM	68	JD	94	10.0	850	850	23	AF		

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

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-36/P-54	N EOS / S EOS	8/15/2014	5:12 PM	68	JT	93	10.0	850	850	13	AF		
P-55/P-56	E EOS / W EOS	8/15/2014	5:15 PM	68	JD	94	10.0	850	849	23	AF		
P-52/P-54	N EOS / S EOS	8/15/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-54/P-55	N EOS / S EOS	8/15/2014	5:20 PM	67	JT	93	10.0	850	849	33	AF		
P-57/P-58	W EOS / E EOS	8/15/2014	5:20 PM	68	JD	94	10.0	850	850	23	AF		
P-54/P-56	N EOS / S EOS	8/15/2014	5:23 PM	67	JT	93	10.0	850	850	38	AF		
P-53/P-56	N EOS / S EOS	8/15/2014	5:26 PM	67	JT	93	10.0	850	851	15	AF		
P-53/P-57	N EOS / S EOS	8/15/2014	5:28 PM	66	JT	93	10.0	850	849	47	AF		
P-58/P-59	W EOS / E EOS	8/15/2014	5:28 PM	66	JD	94	10.0	850	850	23	AF		
P-53/P-58	N EOS / S EOS	8/15/2014	5:33 PM	66	JT	93	10.0	850	850	52	AF		
P-53/P-59	N EOS / S EOS	8/15/2014	5:38 PM	66	JT	93	10.0	850	850	91	AF	PDF-17	
P-29/P-55	E EOS / W EOS	8/15/2014	5:42 PM	65	JD	94	10.0	850	849	22	AT		
P-33/P-54	E EOS / W EOS	8/15/2014	5:49 PM	65	JD	94	10.0	850	849	16	AT		
P-56/P-60	N EOS / S EOS	8/16/2014	9:40 AM	69	JD	94	10.0	850	850	49	AT		
P-57/P-60	N EOS / S EOS	8/16/2014	9:49 AM	69	JD	94	10.0	850	851	47	AT		
P-58/P-60	N EOS / S EOS	8/16/2014	9:55 AM	69	JD	94	10.0	850	850	51	AT	PDF-18	
P-59/P-60	N EOS / S EOS	8/16/2014	10:02 AM	69	JD	94	10.0	850	850	89	AT		
P-60/P-61	E EOS / W EOS	8/16/2014	10:25 AM	69	JD	94	10.0	850	850	23	AT		
P-55/P-61	N EOS / S EOS	8/16/2014	10:35 AM	70	JD	94	10.0	850	850	37	AT		
P-61/P-62	N EOS / S EOS	8/16/2014	10:35 AM	69	JT	93	10.5	850	849	79	AF		
P-56/P-61	N EOS / S EOS	8/16/2014	10:39 AM	70	JD	94	10.0	850	850	4	AT		Seam Capped
P-60/P-62	N EOS / S EOS	8/16/2014	10:44 AM	69	JT	93	10.5	850	851	172	AF		
P-62/P-63	W EOS / E EOS	8/16/2014	10:55 AM	70	JD	94	10.0	850	850	23	AT		
P-60/P-63	N EOS / S EOS	8/16/2014	11:02 AM	70	JT	93	10.5	850	850	63	AF		
P-64/P-65	W EOS / E EOS	8/16/2014	11:20 AM	70	JD	94	10.0	850	851	21	AT		
P-65/P-66	W EOS / E EOS	8/16/2014	11:30 AM	72	JT	93	10.5	850	850	23	AF		
P-62/P-64	N EOS / S EOS	8/16/2014	11:30 AM	70	JD	94	10.0	850	848	32	AT		
P-62/P-65	N EOS / S EOS	8/16/2014	11:34 AM	70	JD	94	10.0	850	850	97	AT		
P-62/P-66	N EOS / S EOS	8/16/2014	11:46 AM	70	JD	94	10.0	850	850	137	AT	PDF-19	
P-63/P-66	N EOS / S EOS	8/16/2014	12:02 PM	70	JD	94	10.0	850	849	63	AT		
P-25/P-62	N EOS / S EOS	8/16/2014	1:10 PM	75	JT	93	10.5	850	849	17	AF		
P-26/P-62	N EOS / S EOS	8/16/2014	1:12 PM	75	JT	93	10.5	850	850	16	AF		
P-26/P-61	N EOS / S EOS	8/16/2014	1:16 PM	76	JT	93	10.5	850	850	8	AF		
P-27/P-61	N EOS / S EOS	8/16/2014	1:17 PM	76	JT	93	10.5	850	851	23	AF		
P-28/P-61	N EOS / S EOS	8/16/2014	1:20 PM	76	JT	93	10.5	850	850	15	AF	PDF-20	
P-18/P-62	N EOS / S EOS	8/16/2014	1:25 PM	76	JT	93	10.5	850	850	11	AF		
P-19/P-62	N EOS / S EOS	8/16/2014	1:27 PM	76	JT	93	10.5	850	850	8	AF		
P-19/P-64	N EOS / S EOS	8/16/2014	1:28 PM	76	JT	93	10.5	850	850	16	AF		
P-20/P-64	N EOS / S EOS	8/16/2014	1:30 PM	76	JT	93	10.5	850	849	21	AF		
P-21/P-64	N EOS / S EOS	8/16/2014	1:31 PM	76	JT	93	10.5	850	849	2	AF		Seam Capped
P-1/P-67	W EOS / 32' E	8/26/2014	8:26 AM	53	JD	94	10.0	850	848	32	CS		

Acronyms:
EOS-End of Seam
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-1/P-67	32' E / E EOS	8/25/2014	9:15 AM	60	JT	93	10.0	850	850	294	AF		
P-67/P-68	W EOS / E EOS	8/25/2014	9:38 AM	65	JD	94	10.0	850	849	328	AT		
P-68/P-69	W EOS / E EOS	8/25/2014	10:20 AM	66	JT	93	10.0	850	849	336	AF	PDF-21	
P-69/P-70	W EOS / E EOS	8/25/2014	10:34 AM	68	JD	94	10.0	850	851	330	AT	PFD-22	
P-70/P-71	W EOS / E EOS	8/25/2014	11:30 AM	65	JT	93	10.0	850	850	333	AF	PDF-23	
P-71/P-72	W EOS / E EOS	8/25/2014	12:17 PM	68	JD	94	10.0	850	850	160	AT		
P-72/P-73	W EOS / E EOS	8/25/2014	1:55 PM	69	JT	93	10.0	850	851	164	AF		
P-74/P-76	W EOS / E EOS	8/25/2014	2:05 PM	60	JT	93	10.0	850	848	167	AF		
P-71/P-73	W EOS / E EOS	8/25/2014	2:14 PM	68	JT	93	10.0	850	850	170	AF		
P-73/P-74	W EOS / E EOS	8/25/2014	2:41 PM	67	JD	94	10.0	850	848	331	AT	PDF-24	
P-74/P-75	W EOS / E EOS	8/25/2014	3:35 PM	61	JT	93	10.0	850	850	158	AF	PDF-25	
P-75/P-76	W EOS / E EOS	8/25/2014	3:52 PM	60	JD	94	10.0	850	850	156	AT		
P-21/P-77	W EOS / E EOS	8/26/2014	10:59 AM	65	JD	94	10.0	850	850	171	CS	PDF-26	Partial Seam Capped
P-22/P-77	W EOS / E EOS	8/26/2014	11:24 AM	65	JD	94	10.0	850	850	162	CS		
P-77/P-78	W EOS / E EOS	8/26/2014	11:45 AM	65	JD	94	10.0	850	850	167	CS	PDF-27	
P-77/P-79	W EOS / 72' E	8/26/2014	1:24 PM	62	JD	94	10.0	850	850	72	CS		
P-77/P-79	72' E / W EOS	8/26/2014	1:35 PM	62	JD	94	10.0	850	850	85	CS		
P-65/P-79	N EOS / S EOS	8/26/2014	1:38 PM	67	JT	93	10.0	850	849	23	AF		
P-78/P-79	W EOS / E EOS	8/26/2014	1:50 PM	62	JD	94	10.0	850	850	165	CS		
P-65/P-80	N EOS / S EOS	8/26/2014	2:00 PM	64	JT	93	10.0	850	848	23	AF		
P-79/P-80	W EOS / E EOS	8/26/2014	2:05 PM	64	JT	93	10.0	850	850	329	AF	PDF-28 & PDF-29	
P-80/P-81	W EOS / E EOS	8/27/2014	8:07 AM	55	JD	94	10.0	850	850	317	CS		Partial Seam Capped
P-65/P-82	N EOS / S EOS	8/27/2014	9:25 AM	57	JD	94	10.0	850	850	23	CS		
P-81/P-82	W EOS / E EOS	8/27/2014	8:43 AM	54	JT	93	10.0	850	849	332	AF		
P-82/P-83	W EOS / E EOS	8/27/2014	9:37 AM	57	JD	94	10.0	850	850	310	CS	PDF-30	
P-84/P-85	N EOS / S EOS	8/27/2014	9:55 AM	56	JT	93	10.0	850	851	23	AF		
P-65/P-83	N EOS / S EOS	8/27/2014	10:04 AM	56	JT	93	10.0	850	848	7	AF		
P-66/P-83	N EOS / S EOS	8/27/2014	10:05 AM	57	JT	93	10.0	850	849	23	AF	PDF-31	
P-66/P-85	N EOS / S EOS	8/27/2014	10:08 AM	57	JT	93	10.0	850	849	23	AF		
P-66/P-87	N EOS / S EOS	8/27/2014	10:11 AM	57	JT	93	10.0	850	849	23	AF		
P-83/P-85	W EOS / E EOS	8/27/2014	10:23 AM	57	JT	93	10.0	850	849	244	AF		
P-86/P-87	N EOS / S EOS	8/27/2014	10:36 AM	59	JD	94	10.0	850	850	23	CS		
P-83/P-84	W EOS / E EOS	8/27/2014	10:50 AM	57	JT	93	10.0	850	850	37	AF		
P-65/P-81	N EOS / S EOS	8/27/2014	10:55 AM	59	JD	94	10.0	850	847	23	CS		
P-85/P-87	W EOS / E EOS	8/27/2014	11:02 AM	59	JD	94	10.0	850	849	166	CS	PDF-32	
P-85/P-86	W EOS / E EOS	8/27/2014	11:24 AM	59	JD	94	10.0	850	850	86	CS		
P-89/P-90	N EOS / S EOS	9/3/2014	9:12 AM	65	JT/GB	94	10.0	850	850	23	CS		
P-88/P-89	N EOS / S EOS	9/3/2014	9:45 AM	65	JT/GB	94	10.0	850	850	23	CS		
P-87/P-88	W EOS / E EOS	9/3/2014	10:00 AM	65	JT/GB	94	10.0	850	850	19	CS		
P-91/P-92	N EOS / S EOS	9/3/2014	10:03 AM	66	GB	93	10.0	850	850	23	BM		
P-87/P-89	W EOS / E EOS	9/3/2014	10:03 AM	65	JT/GB	94	10.0	850	850	151	CS		

Acronyms:
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N, E, S, W-Cardinal Directions

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-86/P-89	W EOS / E EOS	9/3/2014	10:24 AM	65	JT/GB	94	10.0	850	850	16	CS		
P-93/P-94	N EOS / S EOS	9/3/2014	10:25 AM	66	GB	93	10.0	850	848	23	BM		
P-86/P-90	N EOS / E EOS	9/3/2014	10:26 AM	65	JT/GB	94	10.0	850	850	32	CS		
P-88/P-92	W EOS / E EOS	9/3/2014	10:35 AM	70	JT/GB	94	10.0	850	850	26	CS		
P-89/P-92	W EOS / E EOS	9/3/2014	10:40 AM	70	JT/GB	94	10.0	850	850	59	CS	PDF-33	
P-89/P-91	W EOS / E EOS	9/3/2014	10:47 AM	70	JT/GB	94	10.0	850	850	106	CS		
P-66/P-88	N EOS / S EOS	9/3/2014	10:55 AM	68	GB	93	10.0	850	850	23	AF		
P-66/P-92	N EOS / S EOS	9/3/2014	10:57 AM	68	GB	93	10.0	850	849	24	AF		
P-66/P-94	N EOS / S EOS	9/3/2014	11:01 AM	69	GB	93	10.0	850	850	24	AF		
P-92/P-94	W EOS / 79' E	9/3/2014	11:10 AM	70	JT/GB	94	10.0	850	850	79	CS		
P-92/P-94	79' E / W EOS	9/3/2014	11:25 AM	70	GB	93	10.0	850	850	9	CS		
P-91/P-94	W EOS / E EOS	9/3/2014	11:27 AM	70	GB	93	10.0	850	850	34	CS		
P-91/P-93	N EOS / S EOS	9/3/2014	11:31 AM	70	GB	93	10.0	850	850	37	CS		
P-66/P-95	N EOS / S EOS	9/3/2014	1:00 PM	77	GB	93	10.0	850	850	65	CS	PDF-34	
P-96/P-97	W EOS / E EOS	9/3/2014	1:15 PM	77	GB	93	10.0	850	849	23	AF		
P-95/P-96	N EOS / S EOS	9/3/2014	1:30 PM	77	GB	93	10.0	850	846	37	AF		
P-95/P-97	N EOS / S EOS	9/3/2014	1:32 PM	78	GB	93	10.0	850	849	32	AF		
P-96/P-98	N EOS / S EOS	9/3/2014	1:43 PM	78	GB	93	10.0	850	848	43	AF		
P-97/P-98	N EOS / S EOS	9/3/2014	1:47 PM	78	GB	93	10.0	850	850	33	AF		
P-98/P-99	N EOS / S EOS	9/3/2014	2:00 PM	77	GB	93	10.0	850	850	80	AF		
P-99/P-100	N EOS / S EOS	9/3/2014	2:10 PM	76	GB	93	10.0	850	849	86	AF		
P-100/P-101	N EOS / S EOS	9/3/2014	2:35 PM	75	GB	93	10.0	850	850	92	AF		
P-94/P-95	W EOS / E EOS	9/3/2014	2:45 PM	74	JT/GB	94	10.0	850	850	23	CS		
P-94/P-96	W EOS / E EOS	9/3/2014	2:48 PM	74	JT/GB	94	10.0	850	850	24	CS		
P-94/P-98	W EOS / E EOS	9/3/2014	2:52 PM	74	JT/GB	94	10.0	850	850	24	CS		
P-94/P-99	W EOS / E EOS	9/3/2014	2:53 PM	74	JT/GB	94	10.0	850	850	24	CS		
P-94/P-100	W EOS / E EOS	9/3/2014	2:58 PM	74	JT/GB	94	10.0	850	850	24	CS		
P-94/P-101	W EOS / E EOS	9/3/2014	3:05 PM	74	JT/GB	94	10.0	850	850	12	CS		
P-93/P-101	W EOS / E EOS	9/3/2014	3:09 PM	74	JT/GB	94	10.0	850	850	17	CS		
P-101/P-102	S EOS / N EOS	9/3/2014	3:45 PM	74	GB	93	10.0	850	850	109	AF	PDF-35	
P-103/P-104	W EOS / E EOS	9/3/2014	3:50 PM	74	JT/GB	94	10.0	850	850	23	CS		
P-103/P-105	W EOS / E EOS	9/3/2014	4:15 PM	74	JT/GB	94	10.0	850	850	23	CS		
P-102/P-105	S EOS / N EOS	9/3/2014	4:45 PM	74	JT	93	10.0	850	849	64	AF		
P-102/P-103	S EOS / N EOS	9/3/2014	4:30 PM	74	JT	93	10.0	850	850	76	AF		
P-105/P-106	S EOS / N EOS	9/3/2014	4:50 PM	73	JT	93	10.0	850	848	61	AF		
P-107/P-108	W EOS / E EOS	9/3/2014	4:50 PM	74	JT/GB	94	10.0	850	850	23	CS		
P-103/P-106	S EOS / N EOS	9/3/2014	4:55 PM	72	JT	93	10.0	850	849	76	AF		
P-104/P-106	S EOS / N EOS	9/3/2014	5:05 PM	72	JT	93	10.0	850	850	27	AF		
P-108/P-109	W EOS / E EOS	9/3/2014	5:10 PM	74	JT/GB	94	10.0	850	850	23	CS		
P-106/P-109	S EOS / N EOS	9/3/2014	5:25 PM	74	JT/GB	94	10.0	850	850	122	CS	PDF-37	
P-93/P-102	W EOS / E EOS	9/3/2014	5:40 PM	72	JT	93	10.0	850	850	22	AF		

Acronyms:
EOS-End of Seam
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-106/P-108	S EOS / N EOS	9/3/2014	5:40 PM	74	JT/GB	94	10.0	850	850	67	CS		
P-91/P-102	W EOS / E EOS	9/3/2014	5:46 PM	72	JT	93	10.0	850	841	15	AF		
P-91/P-104	W EOS / E EOS	9/3/2014	5:49 PM	72	JT	93	10.0	850	850	29	AF	PDF-36	
P-89/P-104	W EOS / E EOS	9/3/2014	5:52 PM	72	JT	93	10.0	850	849	7	AF		Seam Capped
P-90/P-106	W EOS / E EOS	9/3/2014	5:53 PM	72	JT	93	10.0	850	850	37	AF		
P-86/P-107	W EOS / E EOS	9/3/2014	6:00 PM	72	JT	93	10.0	850	848	34	AF		
P-110/P-111	W EOS / E EOS	9/4/2014	8:30 AM	65	JD	94	10.0	850	850	23	CS		
P-109/P-111	S EOS / N EOS	9/4/2014	8:50 AM	65	JD	94	10.0	850	850	42	CS		
S-112/S-113	W EOS / E EOS	9/4/2014	8:55 AM	65	JT	93	10.5	850	850	23	CS		
P-109/P-110	S EOS / N EOS	9/4/2014	8:55 AM	65	JD	94	10.0	850	850	81	CS		
P-108/P-110	S EOS / N EOS	9/4/2014	9:02 AM	68	JD	94	10.0	850	850	66	CS		
P-111/P-113	S EOS / N EOS	9/4/2014	9:05 AM	68	JT	93	10.5	850	850	42	CS		
P-110/P-113	S EOS / N EOS	9/4/2014	9:08 AM	68	JT	93	10.5	850	850	202	CS		
P-114/P-115	W EOS / E EOS	9/4/2014	9:23 AM	68	JD	94	10.0	850	850	23	CS		
P-113/P-115	S EOS / N EOS	9/4/2014	9:35 AM	69	JD	94	10.0	850	850	243	CS	PDF-38	
P-116/P-117	W EOS / E EOS	9/4/2014	9:45 AM	68	JT	93	10.5	850	850	23	CS		
P-112/P-115	S EOS / N EOS	9/4/2014	10:04 AM	69	JD	94	10.0	850	850	16	CS		
P-117/P-118	W EOS / E EOS	9/4/2014	10:05 AM	71	JT	93	10.5	850	850	23	CS		
P-112/P-114	S EOS / N EOS	9/4/2014	10:06 AM	69	JD	94	10.0	850	850	11	CS		
P-115/P-118	S EOS / N EOS	9/4/2014	10:30 AM	71	JT	93	10.5	850	850	230	CS	PDF-39	
P-118/P-119	S EOS / N EOS	9/4/2014	10:54 AM	70	JD	94	10.0	850	850	230	CS		
P-115/P-117	S EOS / N EOS	9/4/2014	11:02 AM	71	JT	93	10.5	850	850	30	CS		
P-114/P-117	S EOS / N EOS	9/4/2014	11:06 AM	71	JT	93	10.5	850	850	38	CS		
P-117/P-119	S EOS / N EOS	9/4/2014	11:21 AM	71	JD	94	10.0	850	850	68	CS		
P-116/P-119	S EOS / N EOS	9/4/2014	11:29 AM	71	JD	94	10.0	850	850	29	CS	PDF-40	
P-107/P-110	S EOS / 8' N	9/4/2014	9:10 AM	68	JD	94	10.0	850	850	8	CS		
P-107/P-110	8' N / N EOS	9/4/2014	11:34 AM	71	JT	93	10.5	850	850	15	CS		
P-86/P-110	W EOS / E EOS	9/4/2014	11:40 AM	71	JT	93	10.5	850	850	11	CS		
P-84/P-110	W EOS / E EOS	9/4/2014	11:41 AM	71	JT	93	10.5	850	850	24	CS		
P-84/P-113	W EOS / E EOS	9/4/2014	11:43 AM	71	JT	93	10.5	850	850	3	CS		Seam Capped
P-84/P-112	W EOS / E EOS	9/4/2014	11:44 AM	71	JT	93	10.5	850	850	15	CS		
P-83/P-112	W EOS / E EOS	9/4/2014	11:45 AM	71	JT	93	10.5	850	850	17	CS		
P-83/P-114	W EOS / E EOS	9/4/2014	11:48 AM	71	JT	93	10.5	850	850	27	CS		
P-82/P-114	W EOS / E EOS	9/4/2014	11:51 AM	71	JT	93	10.5	850	850	11	CS		
P-82/P-117	W EOS / E EOS	9/4/2014	11:55 AM	71	JT	93	10.5	850	850	4	CS		Seam Capped
P-82/P-116	W EOS / E EOS	9/4/2014	11:58 AM	71	JT	93	10.5	850	850	23	CS		
P-119/P-120	S EOS / N EOS	9/4/2014	1:10 PM	74	JD	94	10.0	850	849	334	AF		
P-120/P-121	S EOS / N EOS	9/4/2014	1:40 PM	71	JT	93	10.5	850	850	331	CS	PDF-41	
P-121/P-122	S EOS / N EOS	9/4/2014	2:10 PM	76	JD	94	10.0	850	850	331	AF	PDF-42	
P-122/P-123	S EOS / N EOS	9/6/2014	8:32 AM	53	JD	94	10.0	850	850	328	TRB	PDF-43	
P-123/P-125	S EOS / N EOS	9/6/2014	9:00 AM	53	JT	93	10.0	850	850	240	CS		

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Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-124/P-125	W EOS / E EOS	9/6/2014	9:18 AM	54	JD	94	10.0	850	854	23	TRB		
P-123/P-124	S EOS / N EOS	9/6/2014	9:27 AM	53	JT	93	10.0	850	850	45	CS		
P-126/P-127	W EOS / E EOS	9/6/2014	9:33 AM	55	JD	94	10.0	850	858	23	TRB		
P-128/P-129	W EOS / E EOS	9/6/2014	9:55 AM	57	JT	93	10.0	850	850	23	CS		
P-125/P-127	S EOS / N EOS	9/6/2014	9:48 AM	57	JD	94	10.0	850	851	157	TRB		
P-127/P-129	S EOS / N EOS	9/6/2014	10:10 AM	57	JT	93	10.0	850	850	154	CS	PDF-44	
P-125/P-126	S EOS / N EOS	9/6/2014	10:02 AM	58	JD	94	10.0	850	852	83	TRB		
P-127/P-128	S EOS / N EOS	9/6/2014	10:28 AM	57	JT	93	10.0	850	850	6	CS		
P-126/P-128	S EOS / N EOS	9/6/2014	10:29 AM	57	JT	93	10.0	850	850	39	CS		
P-129/P-130	S EOS / N EOS	9/6/2014	10:35 AM	59	JD	94	10.0	850	850	153	TRB	PDF-45	
P-131/P-132	W EOS / E EOS	9/6/2014	10:43 AM	57	JT	93	10.0	850	850	23	CS		
P-130/P-132	S EOS / N EOS	9/6/2014	10:50 AM	57	JT	93	10.0	850	850	66	CS		
P-130/P-131	S EOS / N EOS	9/6/2014	11:00 AM	62	JT	93	10.0	850	850	46	CS		
P-132/P-133	S EOS / N EOS	9/6/2014	12:32 PM	68	JD	94	10.0	850	848	74	TRB		
P-133/P-134	S EOS / N EOS	9/6/2014	12:40 PM	68	JT	93	10.0	850	850	33	CS		
P-136/P-137	E EOS / W EOS	9/6/2014	1:15 PM	63	JT	93	10.0	850	850	36	CS		
P-135/P-136	E EOS / 4' W	9/6/2014	1:30 PM	63	JT	93	10.0	850	850	4	CS		
P-135/P-136	4' W / W EOS	9/6/2014	1:33 PM	63	JT	93	10.0	850	850	12	CS		
P-137/P-138	E EOS / W EOS	9/6/2014	1:40 PM	63	JT	93	10.0	850	850	60	CS		
P-134/P-135	E EOS / W EOS	9/6/2014	1:45 PM	69	JD	94	10.0	850	851	16	TRB		
P-134/P-136	E EOS / W EOS	9/6/2014	1:47 PM	69	JD	94	10.0	850	850	14	TRB		
P-133/P-136	E EOS / W EOS	9/6/2014	1:49 PM	69	JD	94	10.0	850	850	14	TRB		
P-133/P-137	E EOS / W EOS	9/6/2014	1:50 PM	69	JD	94	10.0	850	851	27	TRB		
P-131/P-138	E EOS / W EOS	9/6/2014	1:53 PM	70	JD	94	10.0	850	850	24	TRB		
P-133/P-138	E EOS / W EOS	9/6/2014	1:53 PM	62	JD	94	10.0	850	850	6	TRB		
P-139/P-140	S EOS / N EOS	9/6/2014	1:55 PM	63	JT	93	10.0	850	850	23	CS		
P-138/P-140	E EOS / W EOS	9/6/2014	2:05 PM	59	JT	93	10.0	850	850	83	CS	PDF-46	
P-140/P-141	E EOS / W EOS	9/6/2014	2:22 PM	59	JD	94	10.0	850	850	88	TRB		
P-139/P-141	E EOS / W EOS	9/6/2014	2:33 PM	59	JD	94	10.0	850	850	20	TRB		
P-131/P-139	E EOS / W EOS	9/6/2014	2:42 PM	57	JD	94	10.0	850	850	28	TRB		
P-130/P-141	E EOS / W EOS	9/6/2014	2:46 PM	57	JD	94	10.0	850	851	29	TRB		
P-142/P-143	S EOS / N EOS	9/6/2014	2:55 PM	57	JD	94	10.0	850	850	23	TRB		
P-141/P-143	E EOS / W EOS	9/8/2014	8:30 AM	57	JT	93	10.0	850	851	130	AF	PDF-47	
P-130/P-142	S EOS / N EOS	9/8/2014	8:50 AM	57	JT	93	10.0	850	850	21	AF		
P-128/P-142	S EOS / N EOS	9/8/2014	8:52 AM	57	JT	93	10.0	850	849	5	AF		Seam Capped
P-143/P-144	E EOS / W EOS	9/8/2014	12:35 PM	64	JT	93	10.0	850	850	136	AF		
P-142/P-144	E EOS / W EOS	9/8/2014	12:50 PM	64	JT	93	10.0	850	850	19	AF		
P-144/P-145	E EOS / W EOS	9/8/2014	12:58 PM	61	JD	94	10.0	850	850	178	CS	PDF-48	
P-146/P-147	S EOS / N EOS	9/8/2014	1:10 PM	63	JT	93	10.0	850	850	23	AF		
P-147/P-148	S EOS / N EOS	9/8/2014	1:35 PM	63	JT	93	10.0	850	850	23	AF		
P-145/P-148	E EOS / W EOS	9/8/2014	1:45 PM	63	JT	93	10.0	850	850	71	AF		

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-145/P-147	E EOS / W EOS	9/8/2014	1:55 PM	63	JT	93	10.0	850	849	127	AF		
P-148/P-149	E EOS / W EOS	9/8/2014	1:58 PM	61	JD	94	10.0	850	850	73	CS		
P-147/P-149	E EOS / W EOS	9/8/2014	2:10 PM	61	JD	94	10.0	850	850	127	CS		
P-128/P-144	S EOS / N EOS	9/8/2014	2:20 PM	61	JT	93	10.0	850	850	27	AF	PDF-49	Partial Seam Capped
P-128/P-145	S EOS / N EOS	9/8/2014	2:24 PM	60	JT	93	10.0	850	851	17	AF		
P-146/P-149	E EOS / W EOS	9/8/2014	2:25 PM	61	JD	94	10.0	850	850	18	CS		
P-126/P-145	S EOS / N EOS	9/8/2014	2:27 PM	60	JT	93	10.0	850	850	12	AF		
P-126/P-146	S EOS / N EOS	9/8/2014	2:28 PM	60	JT	93	10.0	850	850	28	AF		
P-126/P-149	S EOS / N EOS	9/8/2014	2:38 PM	60	JT	93	10.0	850	850	12	AF		
P-124/P-149	S EOS / N EOS	9/8/2014	2:39 PM	59	JT	93	10.0	850	850	17	AF		
P-150/P-151	S EOS / N EOS	9/9/2014	8:03 AM	54	JD	94	10.0	850	841	23	AF		
P-149/P-151	E EOS / 177' W	9/9/2014	8:25 AM	54	JD	94	10.0	850	850	177	AF	PDF-50	
P-149/P-151	177' W / W EOS	9/9/2014	9:40 AM	65	JT	93	10.0	850	850	67	NA		
P-151/P-152	E EOS / W EOS	9/9/2014	9:00 AM	59	JT	93	10.0	850	851	250	NA		
P-153/P-154	S EOS / N EOS	9/9/2014	9:17 AM	59	JD	94	10.0	850	850	23	AF		
P-150/P-152	E EOS / W EOS	9/9/2014	9:30 AM	65	JT	93	10.0	850	850	21	NA		
P-152/P-154	E EOS / W EOS	9/9/2014	9:35 AM	59	JD	94	10.0	850	850	290	AF		
P-124/P-151	S EOS / N EOS	9/9/2014	10:00 AM	67	JT	93	10.0	850	850	4	NA		Seam Capped
P-124/P-150	S EOS / N EOS	9/9/2014	10:00 AM	67	JT	93	10.0	850	850	25	NA		
P-124/P-152	S EOS / N EOS	9/9/2014	10:05 AM	67	JT	93	10.0	850	850	6	NA		Seam Capped
P-123/P-152	S EOS / N EOS	9/9/2014	10:20 AM	67	JT	93	10.0	850	850	25	NA	PDF-51	
P-123/P-154	S EOS / N EOS	9/9/2014	10:23 AM	67	JT	93	10.0	850	850	9	NA		
P-123/P-153	S EOS / N EOS	9/9/2014	10:25 AM	67	JT	93	10.0	850	850	17	NA		
P-122/P-153	S EOS / N EOS	9/9/2014	10:26 AM	67	JT	93	10.0	850	850	4	NA		Seam Capped
P-154/P-155	E EOS / W EOS	9/9/2014	10:38 AM	60	JD	94	10.0	850	850	298	AF	PDF-52	
P-122/P-155	E EOS / W EOS	9/9/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-155/P-156	E EOS / 316' W	9/9/2014	10:55 AM	68	JT	93	10.0	850	848	316	NA		
P-155/P-156	316' W / W EOS	9/10/2014	5:16 PM	59	JD	94	10.0	850	850	16	CS		
P-153/P-155	E EOS / W EOS	9/9/2014	11:15 AM	65	JD	94	10.0	850	850	13	AF		
P-156/P-157	E EOS / W EOS	9/9/2014	11:35 AM	65	JD	94	10.0	850	850	330	AF	PDF-54	
P-157/P-158	E EOS / W EOS	9/9/2014	12:00 PM	65	JT	93	10.0	850	849	336	NA	PDF-53	
P-158/P-159	E EOS / W EOS	9/10/2014	12:50 PM	50	JT	93	10.0	850	851	332	AF	PDF-55	
P-159/P-160	E EOS / W EOS	9/10/2014	1:05 PM	60	JD	94	10.0	850	850	332	CS		
P-160/P-161	E EOS / W EOS	9/10/2014	1:45 PM	58	JT	93	10.0	850	850	334	AF		
P-161/P-162	E EOS / W EOS	9/10/2014	2:10 PM	61	JD	94	10.0	850	850	332	CS	PDF-56	
P-162/P-163	E EOS / W EOS	9/10/2014	2:40 PM	60	JT	93	10.0	850	850	333	AF	PDF-57	
P-163/P-164	E EOS / W EOS	9/10/2014	3:06 PM	61	JD	94	10.0	850	850	331	CS	PDF-58	
P-164/P-165	E EOS / W EOS	9/10/2014	3:35 PM	60	JT	93	10.0	850	850	333	AF	PDF-59	
P-165/P-166	E EOS / W EOS	9/10/2014	4:09 PM	59	JD	94	10.0	850	850	332	CS		
P-166/P-167	E EOS / W EOS	9/10/2014	4:40 PM	59	JT	93	10.0	850	850	332	AF	PDF-60	
P-167/P-168	E EOS / W EOS	9/11/2014	8:15 AM	50	JT	93	10.0	850	851	331	AF		

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

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-168/P-169	E EOS / W EOS	9/11/2014	8:25 AM	49	JT	93	10.0	850	850	331	AF	PDF-61	
P-169/P-170	E EOS / W EOS	9/11/2014	9:05 AM	53	JT	93	10.0	850	850	329	AF	PDF-62	
P-170/P-171	E EOS / W EOS	9/11/2014	9:20 AM	53	JT	93	10.0	850	850	328	AF	PDF-63	
P-171/P-172	E EOS / W EOS	9/11/2014	10:10 AM	55	JT	93	10.0	850	850	322	AF	PDF-64	
P-172/P-173	E EOS / W EOS	9/11/2014	10:17 AM	54	JT	93	10.0	850	850	316	AF		
P-174/P-175	E EOS / W EOS	9/11/2014	11:10 AM	58	JT	93	10.0	850	850	306	AF	PDF-65	
P-173/P-174	E EOS / W EOS	9/11/2014	11:15 AM	57	JT	93	10.0	850	851	310	AF		
P-175/P-176	E EOS / W EOS	9/11/2014	11:45 AM	60	JT	93	10.0	850	850	299	AF	PDF-66	
P-176/P-177	E EOS / W EOS	9/11/2014	12:10 PM	58	JT	93	10.0	850	850	291	AF		
P-119/P-178	W EOS / E EOS	9/11/2014	3:05 PM	62	JT	93	10.0	850	849	23	AF		
P-120/P-178	W EOS / E EOS	9/11/2014	3:09 PM	62	JT	93	10.0	850	850	23	AF		
P-121/P-178	W EOS / E EOS	9/11/2014	3:12 PM	62	JT	93	10.0	850	849	23	AF		
P-122/P-178	W EOS / E EOS	9/11/2014	3:14 PM	62	JT	93	10.0	850	849	2	AF		
P-177/P-179	E EOS / W EOS	9/12/2014	11:45 AM	37	JD	94	10.0	850	850	287	AF	PDF-67	
P-179/P-180	E EOS / W EOS	9/12/2014	12:10 PM	37	JT	93	10.0	850	850	279	CS	PDF-68	
P-180/P-181	E EOS / W EOS	9/12/2014	1:28 PM	51	JD	94	10.0	850	850	276	CS	PDF-69	
P-181/P-182	E EOS / W EOS	9/12/2014	2:00 PM	41	JT	93	10.0	850	848	268	AF		
P-182/P-183	E EOS / W EOS	9/12/2014	2:21 PM	47	JD	94	10.0	850	850	262	CS		
P-183/P-184	E EOS / W EOS	9/12/2014	2:45 PM	38	JT	93	10.0	850	850	255	AF	PDF-70	
P-185/P-186	E EOS / W EOS	9/12/2014	3:35 PM	37	JT	93	10.0	850	849	241	AF		
P-189/P-190	E EOS / W EOS	9/12/2014	3:50 PM	34	JT	93	10.0	850	850	217	AF		
P-186/P-187	E EOS / W EOS	9/12/2014	3:50 PM	36	JD	94	10.0	850	850	236	CS		
P-184/P-185	E EOS / W EOS	9/12/2014	4:06 PM	36	JD	94	10.0	850	850	250	CS	PDF-71	
P-187/P-188	E EOS / W EOS	9/12/2014	4:15 PM	35	JT	93	10.0	850	850	228	AF	PDF-72	
P-188/P-189	E EOS / W EOS	9/12/2014	4:26 PM	36	JD	94	10.0	850	850	223	CS	PDF-73	
P-190/P-191	E EOS / W EOS	9/12/2014	5:10 PM	36	JD	94	10.0	850	850	213	CS		
P-191/P-192	E EOS / W EOS	9/12/2014	5:30 PM	32	JT	93	10.0	850	850	206	AF	PDF-74	
P-192/P-193	E EOS / W EOS	9/13/2014	8:40 AM	47	JT	93	10.0	850	850	200	AF		
P-193/P-194	E EOS / W EOS	9/13/2014	9:10 AM	50	JT	93	10.0	850	851	196	AF		
P-193/P-305	N EOS / S EOS	9/13/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-194/P-195	E EOS / W EOS	9/13/2014	9:40 AM	55	JD	94	10.0	850	850	188	CS		
P-194/P-307	N EOS / S EOS	9/13/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-155/P-178	S EOS / N EOS	9/13/2014	9:55 AM	53	JT	93	10.0	850	847	23	AF		
P-81/P-214	N EOS / S EOS	9/13/2014	10:00 AM	55	JT	93	10.0	850	849	11	AF		
P-80/P-178	N EOS / S EOS	9/13/2014	10:05 AM	55	JT	93	10.0	850	850	8	AF		
P-81/P-178	N EOS / S EOS	9/13/2014	10:12 AM	56	JT	93	10.0	850	848	14	AF		
P-195/P-196	E EOS / W EOS	9/13/2014	10:15 AM	56	JD	94	10.0	850	850	184	CS	PDF-75	
P-116/P-214	E EOS / W EOS	9/13/2014	10:25 AM	58	JT	93	10.0	850	849	13	AF		
P-196/P-197	E EOS / W EOS	9/13/2014	10:54 AM	56	JD	94	10.0	850	850	178	CS		
P-197/P-198	E EOS / W EOS	9/13/2014	11:00 AM	57	JT	93	10.0	850	850	169	AF	PDF-76	
P-198/P-199	E EOS / W EOS	9/13/2014	11:28 AM	58	JD	94	10.0	850	850	162	CS		

Acronyms:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-199/P-200	E EOS / W EOS	9/13/2014	11:35 AM	58	JT	93	10.0	850	849	159	AF		
P-200/P-201	E EOS / W EOS	9/13/2014	1:15 PM	64	JT	93	10.0	850	850	151	AF		
P-201/P-202	E EOS / W EOS	9/13/2014	1:28 PM	64	JD	94	10.0	850	850	143	AF	PDF-77	
P-202/P-203	E EOS / W EOS	9/13/2014	1:46 PM	64	JT	93	10.0	850	850	139	AF	PDF-78	
P-203/P-204	E EOS / W EOS	9/13/2014	2:08 PM	67	JD	94	10.0	850	847	132	AF		
P-204/P-205	E EOS / W EOS	9/13/2014	2:25 PM	67	JT	93	10.0	850	850	125	AF		
P-205/P-206	E EOS / W EOS	9/13/2014	2:42 PM	68	JD	94	10.0	850	849	119	AF		
P-206/P-207	E EOS / W EOS	9/13/2014	3:00 PM	68	JT	93	10.0	850	849	107	AF		
P-207/P-208	E EOS / W EOS	9/13/2014	3:15 PM	69	JD	94	10.0	850	850	105	RM	PDF-79	
P-208/P-209	E EOS / W EOS	9/13/2014	3:35 PM	69	JT	93	10.0	850	850	97	AF		
P-209/P-210	E EOS / W EOS	9/13/2014	4:00 PM	70	JD	94	10.0	850	849	91	RM		
P-210/P-211	E EOS / W EOS	9/13/2014	4:15 PM	70	JT	93	10.0	850	850	85	AF	PDF-80	
P-211/P-212	E EOS / W EOS	9/13/2014	4:23 PM	70	JD	94	10.0	850	850	80	RM		
P-212/P-213	E EOS / W EOS	9/13/2014	4:50 PM	69	JT	93	10.0	850	851	75	AF		
P-215/P-216	E EOS / W EOS	9/14/2014	9:38 AM	62	JD	94	10.0	850	849	83	AF		
P-178/P-215	E EOS / W EOS	9/14/2014	9:50 AM	62	JT	93	10.0	850	849	77	NA		
P-216/P-217	E EOS / W EOS	9/14/2014	9:54 AM	63	JD	94	10.0	850	850	93	AF		
P-218/P-219	N EOS / S EOS	9/14/2014	10:10 AM	64	JT	93	10.0	850	848	23	NA		
P-217/P-218	E EOS / W EOS	9/14/2014	10:10 AM	64	JD	94	10.0	850	850	57	AF		
P-217/P-219	E EOS / W EOS	9/14/2014	10:15 AM	64	JD	94	10.0	850	848	54	AF		
P-218/P-220	E EOS / W EOS	9/14/2014	10:20 AM	64	JT	93	10.0	850	850	48	NA		
P-219/P-220	E EOS / W EOS	9/14/2014	10:25 AM	64	JT	93	10.0	850	849	59	NA		
P-220/P-221	E EOS / W EOS	9/14/2014	10:30 AM	65	JD	94	10.0	850	850	120	AF	PDF-81	
P-221/P-222	E EOS / W EOS	9/14/2014	10:52 AM	63	JD	94	10.0	850	850	76	AF		
P-222/P-223	N EOS / S EOS	9/14/2014	10:55 AM	63	JT	93	10.0	850	849	23	NA		
P-221/P-223	E EOS / W EOS	9/14/2014	11:00 AM	63	JD	94	10.0	850	850	60	AF		
P-156/P-215	S EOS / N EOS	9/14/2014	11:10 AM	64	JT	93	10.0	850	850	23	NA		
P-157/P-216	S EOS / N EOS	9/14/2014	11:16 AM	64	JT	93	10.0	850	850	23	NA		
P-158/P-217	S EOS / N EOS	9/14/2014	11:18 AM	64	JT	93	10.0	850	849	23	NA		
P-159/P-218	S EOS / N EOS	9/14/2014	11:21 AM	64	JT	93	10.0	850	852	23	NA		
P-160/P-220	S EOS / N EOS	9/14/2014	11:24 AM	64	JT	93	10.0	850	849	23	NA	PDF-82	
P-161/P-221	S EOS / N EOS	9/14/2014	11:26 AM	64	JT	93	10.0	850	853	23	NA		
P-162/P-222	S EOS / N EOS	9/14/2014	11:29 AM	64	JT	93	10.0	850	851	23	NA		
P-18/P-223	N EOS / S EOS	9/14/2014	11:30 AM	64	JD	94	10.0	850	849	5	AF		Seam Capped
P-19/P-223	N EOS / S EOS	9/14/2014	11:30 AM	64	JD	94	10.0	850	850	23	AF		
P-20/P-221	N EOS / S EOS	9/14/2014	11:34 AM	64	JD	94	10.0	850	850	24	AF		Partial Seam Capped
P-21/P-221	N EOS / S EOS	9/14/2014	11:36 AM	64	JD	94	10.0	850	850	4	AF		Seam Capped
P-21/P-220	N EOS / S EOS	9/14/2014	11:36 AM	64	JD	94	10.0	850	850	19	AF		
P-22/P-220	N EOS / S EOS	9/14/2014	11:38 AM	64	JD	94	10.0	850	850	7	AF		
P-22/P-219	N EOS / S EOS	9/14/2014	11:39 AM	64	JD	94	10.0	850	850	15	AF		
P-77/P-219	N EOS / S EOS	9/14/2014	11:42 AM	64	JD	94	10.0	850	850	10	AF		

Acronyms:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-77/P-217	N EOS / S EOS	9/14/2014	11:43 AM	64	JD	94	10.0	850	850	15	AF		
P-78/P-217	N EOS / S EOS	9/14/2014	11:46 AM	64	JD	94	10.0	850	850	10	AF		
P-78/P-216	N EOS / S EOS	9/14/2014	11:47 AM	64	JD	94	10.0	850	850	11	AF		
P-79/P-216	N EOS / S EOS	9/14/2014	11:48 AM	64	JD	94	10.0	850	850	13	AF		
P-79/P-215	N EOS / S EOS	9/14/2014	11:50 AM	64	JD	94	10.0	850	850	10	AF		
P-80/P-215	N EOS / S EOS	9/14/2014	11:51 AM	64	JD	94	10.0	850	850	14	AF		
P-222/P-224	E EOS / W EOS	9/15/2014	8:30 AM	64	JT	93	10.0	850	850	78	AF		
P-223/P-224	E EOS / W EOS	9/15/2014	8:43 AM	64	JT	93	10.0	850	849	71	AF		
P-225/P-226	N EOS / S EOS	9/15/2014	9:00 AM	64	JT	93	10.0	850	850	23	CS		
P-224/P-225	E EOS / W EOS	9/15/2014	9:10 AM	64	JT	93	10.0	850	850	166	CS		
P-225/P-227	E EOS / W EOS	9/15/2014	9:38 AM	64	JT	93	10.0	850	850	170	CS	PDF-83	
P-228/P-229	N EOS / S EOS	9/15/2014	9:40 AM	65	JD	94	10.0	850	850	22	CS		
P-227/P-229	E EOS / W EOS	9/15/2014	9:50 AM	6	JD	94	10.0	850	850	158	CS	PDF-84	
P-226/P-227	E EOS / W EOS	9/15/2014	9:57 AM	64	JT	93	10.0	850	850	8	CS		
P-227/P-228	E EOS / W EOS	9/15/2014	10:07 AM	65	JD	94	10.0	850	850	23	CS		
P-229/P-230	E EOS / W EOS	9/15/2014	10:15 AM	65	JT	93	10.0	850	850	159	CS		
P-231/P-232	N EOS / S EOS	9/15/2014	10:18 AM	65	JD	94	10.0	850	850	23	CS		
P-230/P-231	E EOS / W EOS	9/15/2014	10:25 AM	65	JD	94	10.0	850	850	151	CS		
P-228/P-230	E EOS / W EOS	9/15/2014	10:32 AM	65	JT	93	10.0	850	850	25	CS		
P-230/P-232	E EOS / W EOS	9/15/2014	10:44 AM	65	JD	94	10.0	850	850	36	CS		
P-233/P-234	N EOS / S EOS	9/15/2014	10:45 AM	65	JT	93	10.0	850	850	23	CS		
P-231/P-233	E EOS / W EOS	9/15/2014	11:00 AM	60	JT	93	10.0	850	850	145	AF		
P-233/P-235	E EOS / W EOS	9/15/2014	11:00 AM	65	JD	94	10.0	850	850	147	CS		
P-234/P-235	E EOS / W EOS	9/15/2014	11:15 AM	65	JD	94	10.0	850	850	49	CS		
P-231/P-234	E EOS / W EOS	9/15/2014	11:18 AM	60	JT	93	10.0	850	851	7	AF		
P-232/P-234	E EOS / W EOS	9/15/2014	11:18 AM	60	JT	93	10.0	850	850	38	AF		
P-237/P-238	N EOS / S EOS	9/15/2014	11:26 AM	65	JD	94	10.0	850	850	23	CS	PDF-86	
P-235/P-236	E EOS / W EOS	9/15/2014	11:30 AM	61	JT	93	10.0	850	850	142	AF	PDF-85	
P-236/P-237	N EOS / S EOS	9/15/2014	11:34 AM	65	JD	94	10.0	850	850	23	CS		
P-171/P-239	E EOS / W EOS	9/15/2014	11:42 AM	65	JD	94	10.0	850	850	9	CS		
P-236/P-239	E EOS / W EOS	9/15/2014	11:42 AM	65	JD	94	10.0	850	850	143	CS		
P-235/P-237	E EOS / W EOS	9/15/2014	11:46 AM	61	JT	93	10.0	850	850	37	AF		
P-235/-P238	E EOS / W EOS	9/15/2014	11:50 AM	62	JT	93	10.0	850	849	17	AF		
P-237/P-239	E EOS / W EOS	9/15/2014	12:04 PM	65	JD	94	10.0	850	850	37	CS		
P-238/P-239	E EOS / W EOS	9/15/2014	12:10 PM	65	JD	94	10.0	850	850	21	CS		
P-172/P-240	E EOS / W EOS	9/15/2014	12:10 PM	65	JT	93	10.0	850	849	5	AF		
P-239/P-240	E EOS / W EOS	9/15/2014	1:40 PM	64	JT	93	10.0	850	849	121	AF		
P-240/P-241	E EOS / W EOS	9/15/2014	1:40 PM	63	JD	94	10.0	850	850	23	CS		
P-239/P-241	E EOS / W EOS	9/15/2014	1:56 PM	64	JT	93	10.0	850	850	89	AF		
P-173/P-242	E EOS / W EOS	9/15/2014	2:04 PM	63	JD	94	10.0	850	850	6	CS		
P-240/P-242	E EOS / W EOS	9/15/2014	2:04 PM	63	JD	94	10.0	850	850	129	CS		

Acronyms:
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-174/P-243	E EOS / W EOS	9/15/2014	2:15 PM	62	JT	93	10.0	850	850	6	AF		
P-242/P-243	E EOS / W EOS	9/15/2014	2:15 PM	62	JT	93	10.0	850	850	228	AF	PDF-87	
P-241/P-242	E EOS / W EOS	9/15/2014	2:20 PM	63	JD	94	10.0	850	850	91	CS		
P-244/P-245	E EOS / W EOS	9/15/2014	2:40 PM	63	JD	94	10.0	850	850	23	CS	PDF-88	
P-245/P-246	N EOS / S EOS	9/15/2014	2:50 PM	64	JT	93	10.0	850	850	23	AF		
P-175/P-244	E EOS / W EOS	9/15/2014	2:50 PM	63	JD	94	10.0	850	850	5	CS		
P-243/P-244	E EOS / W EOS	9/15/2014	2:50 PM	63	JD	94	10.0	850	850	95	CS		
P-246/P-247	N EOS / S EOS	9/15/2014	2:52 PM	64	JT	93	10.0	850	850	23	AF		
P-243/P-245	E EOS / W EOS	9/15/2014	3:05 PM	63	JD	94	10.0	850	850	57	CS		
P-176/P-248	E EOS / W EOS	9/15/2014	3:05 PM	63	JT	93	10.0	850	850	6	AF		
P-244/P-248	E EOS / W EOS	9/15/2014	3:05 PM	63	JT	93	10.0	850	851	100	AF		
P-243/P-246	E EOS / W EOS	9/15/2014	3:12 PM	63	JD	94	10.0	850	850	51	CS		
P-243/P-247	E EOS / W EOS	9/15/2014	3:17 PM	63	JD	94	10.0	850	850	35	CS		
P-245/P-248	E EOS / W EOS	9/15/2014	3:19 PM	63	JT	93	10.0	850	850	57	AF		
P-246/P-248	E EOS / W EOS	9/15/2014	3:25 PM	63	JT	93	10.0	850	850	51	AF		
P-247/P-248	E EOS / W EOS	9/15/2014	3:30 PM	63	JT	93	10.0	850	850	36	AF	PDF-89	
P-177/P-249	E EOS / W EOS	9/15/2014	3:35 PM	63	JD	94	10.0	850	850	3	AF		
P-248/P-249	E EOS / W EOS	9/15/2014	3:35 PM	63	JD	94	10.0	850	850	263	CS	PDF-90	
P-163/P-224	S EOS / N EOS	9/15/2014	4:15 PM	63	JT	93	10.0	850	849	23	AF		
P-164/P-225	S EOS / N EOS	9/15/2014	4:18 PM	63	JT	93	10.0	850	850	23	AF		
P-165/P-227	S EOS / N EOS	9/15/2014	4:21 PM	63	JT	93	10.0	850	850	23	AF		
P-166/P-229	S EOS / N EOS	9/15/2014	4:23 PM	63	JT	93	10.0	850	851	23	AF		
P-167/P-230	S EOS / N EOS	9/15/2014	4:26 PM	63	JT	93	10.0	850	850	23	AF		
P-168/P-231	S EOS / N EOS	9/15/2014	4:28 PM	63	JT	93	10.0	850	850	23	AF		
P-169/P-233	S EOS / N EOS	9/15/2014	4:31 PM	62	JT	93	10.0	850	850	23	AF		
P-170/P-235	S EOS / N EOS	9/15/2014	4:34 PM	60	JT	93	10.0	850	850	23	AF		
P-171/P-236	S EOS / N EOS	9/15/2014	4:36 PM	59	JT	93	10.0	850	850	23	AF		
P-70/P-247	N EOS / 6' S	9/15/2014	4:40 PM	57	JD	94	10.0	850	850	6	CS		
P-70/P-247	6' S / S EOS	9/17/2014	2:31 PM	65	JD	94	10.0	850	850	7	CS		Seam Capped
P-172/P-239	S EOS / N EOS	9/15/2014	4:45 PM	57	JT	93	10.0	850	850	23	AF		
P-69/P-247	N EOS / S EOS	9/15/2014	4:42 PM	57	JD	94	10.0	850	850	9	CS		
P-69/P-243	N EOS / S EOS	9/15/2014	4:46 PM	57	JD	94	10.0	850	850	14	CS		
P-68/P-243	N EOS / S EOS	9/15/2014	4:47 PM	57	JD	94	10.0	850	850	9	CS		
P-173/P-240	S EOS / N EOS	9/15/2014	4:50 PM	57	JT	93	10.0	850	850	23	AF		
P-68/P-242	N EOS / S EOS	9/15/2014	4:50 PM	57	JD	94	10.0	850	850	13	CS		
P-67/P-242	N EOS / S EOS	9/15/2014	4:52 PM	57	JD	94	10.0	850	850	9	CS		
P-67/P-241	N EOS / S EOS	9/15/2014	4:56 PM	57	JD	94	10.0	850	850	12	CS		
P-174/P-242	S EOS / N EOS	9/15/2014	4:57 PM	58	JT	93	10.0	850	850	23	AF		
P-1/P-241	N EOS / S EOS	9/15/2014	4:58 PM	57	JD	94	10.0	850	850	10	CS		
P-175/P-243	S EOS / N EOS	9/15/2014	5:00 PM	56	JT	93	10.0	850	850	23	AF		
P-1/P-329	N EOS / S EOS	9/15/2014	5:00 PM	57	JD	94	10.0	850	850	11	CS		

Acronyms:
EOS-End of Seam
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-2/P-239	N EOS / S EOS	9/15/2014	5:01 PM	57	JD	94	10.0	850	850	11	CS		
P-2/P-238	N EOS / S EOS	9/15/2014	5:02 PM	57	JD	94	10.0	850	850	11	CS		
P-3/P-238	N EOS / S EOS	9/15/2014	5:03 PM	57	JD	94	10.0	850	850	12	CS		
P-3/P-235	N EOS / S EOS	9/15/2014	5:04 PM	57	JD	94	10.0	850	850	11	CS		
P-176/P-244	S EOS / N EOS	9/15/2014	5:05 PM	55	JT	93	10.0	850	849	23	AF		
P-4/P-235	N EOS / S EOS	9/15/2014	5:05 PM	57	JD	94	10.0	850	850	12	CS		
P-4/P-234	N EOS / S EOS	9/15/2014	5:06 PM	57	JD	94	10.0	850	850	11	CS		
P-5/P-234	N EOS / 8' S	9/15/2014	5:07 PM	57	JD	94	10.0	850	850	8	CS		
P-5/P-234	8' S / S EOS	9/15/2014	5:08 PM	57	JD	94	10.0	850	850	4	CS		
P-5P/-232	N EOS / S EOS	9/15/2014	5:09 PM	57	JD	94	10.0	850	850	11	CS		
P-6/P-232	N EOS / S EOS	9/15/2014	5:10 PM	57	JD	94	10.0	850	850	12	CS		
P-6/P-230	N EOS / S EOS	9/15/2014	5:11 PM	57	JD	94	10.0	850	850	10	CS		
P-7/P-230	N EOS / S EOS	9/15/2014	5:12 PM	57	JD	94	10.0	850	850	12	CS		
P-7/P-228	N EOS / S EOS	9/15/2014	5:13 PM	57	JD	94	10.0	850	850	10	CS		
P-177/P-248	S EOS / N EOS	9/15/2014	5:14 PM	54	JT	93	10.0	850	850	23	AF		
P-8/P-228	N EOS / S EOS	9/15/2014	5:14 PM	57	JD	94	10.0	850	850	12	CS		
P-8/P-227	N EOS / S EOS	9/15/2014	5:15 PM	57	JD	94	10.0	850	850	10	CS		
P-9/P-227	N EOS / S EOS	9/15/2014	5:17 PM	57	JD	94	10.0	850	850	13	CS		
P-9/P-226	N EOS / S EOS	9/15/2014	5:18 PM	57	JD	94	10.0	850	850	10	CS		
P-10/P-226	N EOS / S EOS	9/15/2014	5:19 PM	57	JD	94	10.0	850	850	6	CS		
P-179/P-249	S EOS / N EOS	9/15/2014	5:20 PM	54	JT	93	10.0	850	849	23	AF		
P-17/P-226	N EOS / S EOS	9/15/2014	5:20 PM	57	JD	94	10.0	850	850	9	CS		Seam Capped
P-17/P-224	N EOS / S EOS	9/15/2014	5:30 PM	57	JD	94	10.0	850	850	9	CS		
P-18/P-224	N EOS / S EOS	9/15/2014	5:31 PM	57	JD	94	10.0	850	850	18	CS		
P-250/P-251	W EOS / E EOS	9/16/2014	10:10 AM	67	JT	93	10.0	850	850	331	CS	PDF-92	
P-252/P-253	W EOS / E EOS	9/16/2014	11:15 AM	67	JT	93	10.0	850	850	331	CS	PDF-93	
P-253/P-254	W EOS / 111' E	9/16/2014	12:05 PM	67	JT	93	10.0	850	850	111	JWR		
P-253/P-254	111' E / E EOS	9/16/2014	1:04 PM	67	JT	93	10.0	850	850	220	JWR		
P-255/P-256	W EOS / E EOS	9/16/2014	2:00 PM	67	JT	93	10.0	850	850	332	CS	PDF-95	
P-76/P-250	W EOS / E EOS	9/16/2014	10:03 AM	67	JD	94	10.0	850	850	281	EL	PDF-91	
P-251/P-252	W EOS / E EOS	9/16/2014	11:10 AM	67	JD	94	10.0	850	850	332	JWR		
P-254/P-255	W EOS / E EOS	9/16/2014	1:40 PM	67	JD	94	10.0	850	850	332	JWR	PDF-94	
P-256/P-257	W EOS / 297' E	9/16/2014	2:42 PM	67	JD	94	10.0	850	850	297	JWR	PDF-96	
P-256/P-257	297' E / E EOS	9/16/2014	3:19 PM	67	JD	94	10.0	850	850	33	JWR		
P-258/P-259	W EOS / E EOS	9/17/2014	8:25 AM	55	JD	94	10.0	850	850	333	RR		
P-260/P-261	W EOS / E EOS	9/17/2014	9:18 AM	60	JD	94	10.0	850	850	333	RR	PDF-97	
P-262/P-263	W EOS / E EOS	9/17/2014	10:17 AM	60	JD	94	10.0	850	850	334	RR	PDF-100	
P-264/P-265	W EOS / E EOS	9/17/2014	11:16 AM	63	JD	94	10.0	850	850	328	RR	PDF-102	
P-76A/P-249	N EOS / S EOS	9/17/2014	2:25 PM	65	JD	94	10.0	850	850	15	CS		
P-73/P-249	N EOS / S EOS	9/17/2014	2:26 PM	65	JD	94	10.0	850	850	11	CS		
P-73/P-248	N EOS / S EOS	9/17/2014	2:27 PM	65	JD	94	10.0	850	850	13	CS		

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-70/P-248	N EOS / S EOS	9/17/2014	2:28 PM	65	JD	94	10.0	850	850	13	CS		
P-257/P-258	W EOS / E EOS	9/17/2014	8:20 AM	55	JT	93	10.0	850	851	329	NA	PDF-98	
P-259/P-260	W EOS / E EOS	9/17/2014	9:05 AM	64	JT	93	10.0	850	848	333	NA		
P-261/P-262	W EOS / E EOS	9/17/2014	10:00 AM	68	JT	93	10.0	850	849	331	NA	PDF-99	
P-263/P-264	W EOS / E EOS	9/17/2014	11:00 AM	68	JT	93	10.0	850	849	330	NA	PDF-101	
P-265/P-266	W EOS / E EOS	9/17/2014	11:50 AM	66	JT	93	10.0	850	849	331	NA		
P-268/P-269	N EOS / S EOS	9/18/2014	9:00 AM	61	JT	93	10.0	850	851	23	NA		
P-267/P-269	E EOS / W EOS	9/18/2014	9:05 AM	62	JT	93	10.0	850	850	186	NA	PDF-103, 103A, 103B	
P-267/P-268	E EOS / W EOS	9/18/2014	9:29 AM	64	JT	93	10.0	850	849	74	NA		
P-270/P-272	E EOS / W EOS	9/18/2014	9:50 AM	65	JT	93	10.0	850	850	148	NA		
P-271/P-272	E EOS / W EOS	9/18/2014	10:10 AM	65	JT	93	10.0	850	849	114	NA		
P-274/P-276	E EOS / W EOS	9/18/2014	10:35 AM	65	JT	93	10.0	850	849	133	NA	PDF-105	
P-274/P-275	E EOS / W EOS	9/18/2014	10:53 AM	65	JT	93	10.0	850	850	69	NA		
P-273/P-275	E EOS / W EOS	9/18/2014	11:01 AM	66	JT	93	10.0	850	851	64	NA		
P-277/P-278	N EOS / S EOS	9/18/2014	12:00 AM	66	JT	93	10.0	850	850	23	NA		
P-279/P-280	S EOS / N EOS	9/18/2014	11:35 AM	66	JT	93	10.0	850	849	23	NA		
P-278/P-279	E EOS / W EOS	9/18/2014	11:45 AM	66	JT	93	10.0	850	851	144	NA		
P-278/P-280	E EOS / W EOS	9/18/2014	12:03 PM	66	JT	93	10.0	850	849	43	NA		
P-277/P-280	E EOS / W EOS	9/18/2014	12:08 PM	66	JT	93	10.0	850	849	77	NA	PDF-107	
P-281/P-282	N EOS / S EOS	9/18/2014	12:20 PM	67	JT	93	10.0	850	850	23	NA		
P-281/P-283	E EOS / W EOS	9/18/2014	1:40 PM	70	JT	93	10.0	850	849	220	NA		
P-282/P-283	E EOS / W EOS	9/18/2014	2:05 PM	70	JT	93	10.0	850	849	29	NA		
P-282/P-284	E EOS / W EOS	9/18/2014	2:08 PM	70	JT	93	10.0	850	850	17	NA		
P-249P-267	E EOS / W EOS	9/18/2014	8:40 AM	54	JD	94	10.0	850	850	257	JWR		
P-270/P-271	N EOS / S EOS	9/18/2014	9:25 AM	64	JD	94	10.0	850	850	22	JWR		
P-269/P-270	E EOS / W EOS	9/18/2014	9:45 AM	64	JD	94	10.0	850	850	138	JWR		
P-269/P-271	E EOS / W EOS	9/18/2014	10:00 AM	64	JD	94	10.0	850	850	52	JWR		
P-268/P-271	E EOS / W EOS	9/18/2014	10:08 AM	64	JD	94	10.0	850	850	67	JWR	PDF-104	
P-273/P-274	N EOS / S EOS	9/18/2014	10:25 AM	64	JD	94	10.0	850	850	22	JWR		
P-275/P-276	S EOS / N EOS	9/18/2014	10:33 AM	64	JD	94	10.0	850	850	22	JWR		
P-272/P-274	E EOS / W EOS	9/18/2014	10:41 AM	64	JD	94	10.0	850	850	190	JWR		
P-272/P-273	E EOS / W EOS	9/18/2014	11:03 AM	66	JD	94	10.0	850	850	69	JWR		
P-276/P-278	E EOS / W EOS	9/18/2014	11:20 AM	66	JD	94	10.0	850	850	134	JWR		
P-275/P-278	E EOS / W EOS	9/18/2014	11:35 AM	66	JD	94	10.0	850	850	46	JWR	PDF-106	
P-275/P-277	E EOS / W EOS	9/18/2014	11:41 AM	66	JD	94	10.0	850	850	81	JWR		
P-279/P-281	E EOS / W EOS	9/18/2014	12:00 PM	66	JD	94	10.0	850	850	151	JWR		
P-280/P-281	E EOS / W EOS	9/18/2014	12:15 PM	66	JD	94	10.0	850	850	61	JWR		
P-280/P-282	E EOS / W EOS	9/18/2014	12:20 PM	66	JD	94	10.0	850	850	51	JWR		
P-283/P-284	N EOS / S EOS	9/18/2014	1:39 PM	70	JD	94	10.0	850	850	22	JWR		
P-259/P-284	N EOS / S EOS	9/18/2014	2:13 PM	70	JD	94	10.0	850	850	20	JWR		

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-258/P-282	N EOS / S EOS	9/18/2014	2:15 PM	70	JD	94	10.0	850	850	20	JWR		
P-257/P-280	N EOS / S EOS	9/18/2014	2:17 PM	70	JD	94	10.0	850	850	23	JWR		
P-256/P-277	N EOS / S EOS	9/18/2014	2:19 PM	70	JD	94	10.0	850	850	23	JWR	PDF-108	
P-255/P-275	N EOS / S EOS	9/18/2014	2:22 PM	70	JD	94	10.0	850	850	23	JWR		
P-254/P-273	N EOS / S EOS	9/18/2014	2:25 PM	70	JD	94	10.0	850	850	23	JWR		
P-253/P-272	N EOS / S EOS	9/18/2014	2:28 PM	70	JD	94	10.0	850	850	23	JWR		
P-252/P-271	N EOS / S EOS	9/18/2014	2:30 PM	70	JD	94	10.0	850	850	20	JWR		
P-251/P-268	N EOS / S EOS	9/18/2014	2:32 PM	70	JD	94	10.0	850	850	21	JWR		
P-250/P-268	N EOS / S EOS	9/18/2014	2:36 PM	70	JD	94	10.0	850	850	4	JWR		Seam Capped
P-250/P-267	N EOS / S EOS	9/18/2014	2:36 PM	70	JD	94	10.0	850	850	18	JWR		
P-180/P-267	S EOS / N EOS	9/18/2014	2:55 PM	70	JD	94	10.0	850	850	21	JWR		
P-179/P-267	E EOS / W EOS	9/18/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-181/P-269	S EOS / N EOS	9/18/2014	3:00 PM	70	JD	94	10.0	850	850	23	JWR		
P-180/P-269	E EOS / W EOS	9/18/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-182/P-270	S EOS / N EOS	9/18/2014	3:03 PM	70	JD	94	10.0	850	850	22	JWR		
P-181/P-270	E EOS / W EOS	9/18/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-183/P-272	S EOS / N EOS	9/18/2014	3:07 PM	70	JD	94	10.0	850	850	22	JWR		
P-182/P-272	E EOS / W EOS	9/18/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-183/P-274	E EOS / W EOS	9/18/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-184/P-274	S EOS / N EOS	9/18/2014	3:15 PM	70	JD	94	10.0	850	850	22	JWR		
P-185/P-276	S EOS / N EOS	9/18/2014	3:23 PM	70	JD	94	10.0	850	850	22	JWR		
P-185/P-278	E EOS / W EOS	9/18/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-186/P-278	S EOS / N EOS	9/18/2014	3:30 PM	70	JD	94	10.0	850	850	23	JWR		
P-186/P-279	E EOS / W EOS	9/18/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-187/P-279	S EOS / N EOS	9/18/2014	3:35 PM	70	JD	94	10.0	850	850	23	JWR		
P-187/P-281	E EOS / W EOS	9/18/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-188/P-281	S EOS / N EOS	9/18/2014	3:42 PM	70	JD	94	10.0	850	850	23	JWR		
P-188/P-283	E EOS / W EOS	9/18/2014	-	-	-	-	-	-	-	-	-	PDX-3	Seam Capped
P-189/P-283	S EOS / N EOS	9/18/2014	3:50 PM	70	JD	94	10.0	850	850	23	JWR		
P-189/P-296	E EOS / W EOS	9/18/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-259/P-282	S EOS / N EOS	9/18/2014	2:14 PM	70	JD	94	10.0	850	850	3	JWR		Seam Capped
P-258/P-280	S EOS / N EOS	9/18/2014	2:17 PM	70	JD	94	10.0	850	850	3	JWR		Seam Capped
P-252/P-272	N EOS / S EOS	9/18/2014	2:29 PM	70	JD	94	10.0	850	850	2	JWR		
P-251/P-271	N EOS / S EOS	9/18/2014	2:31 PM	70	JD	94	10.0	850	850	4	JWR		Seam Capped
P-266/P-285	W EOS / 275' E	9/19/2014	8:38 AM	61	JD	94	10.0	850	850	275	JWR		
P-266/P-285	E EOS / 39' W	9/23/2014	9:47 AM	58	JD	94	10.0	850	851	39	NA	PDF-122	
P-286/P-287	W EOS / E EOS	9/19/2014	9:30 AM	61	JD	94	10.0	850	850	329	JWR	PDF-110	
P-288/P-289	W EOS / E EOS	9/19/2014	10:25 AM	67	JD	94	10.0	850	850	327	JWR	PDF-112	
P-290/P-291	W EOS / E EOS	9/19/2014	11:15 AM	69	JD	94	10.0	850	850	166	JWR		
P-290/P-292	W EOS / E EOS	9/19/2014	1:10 PM	69	JD	94	10.0	850	850	163	JWR		
P-291/P-292	W EOS / E EOS	9/19/2014	2:11 PM	69	JD	94	10.0	850	851	152	JWR	PDF-113	

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-293/P-294	W EOS / E EOS	9/19/2014	4:43 PM	66	JD	94	10.0	850	849	327	JWR		
P-285/P-286	W EOS / E EOS	9/19/2014	8:55 AM	61	JT	93	10.0	850	849	329	NA	PDF-109	
P-287/P-288	W EOS / E EOS	9/19/2014	9:55 AM	64	JT	93	10.0	850	850	331	NA	PDF-111	
P-289/P-290	W EOS / E EOS	9/19/2014	11:00 AM	66	JT	93	10.0	850	849	329	NA		
P-292/P-293	W EOS / E EOS	9/19/2014	2:20 PM	69	JT	93	10.0	850	849	330	NA	PDF-114	
P-294/P-295	W EOS / E EOS	9/19/2014	3:15 PM	66	JT	93	10.0	850	849	327	NA	PDF-115	
P-283/P-296	E EOS / W EOS	9/20/2014	8:45 AM	58	JT	93	10.0	850	849	252	NA		
P-284/P-296	E EOS / W EOS	9/20/2014	9:15 AM	58	JT	93	10.0	850	851	12	NA		
P-298/P-299	S EOS / N EOS	9/20/2014	9:20 AM	62	JT	93	10.0	850	851	23	NA		
P-297/P-298	S EOS / N EOS	9/20/2014	9:25 AM	62	JT	93	10.0	850	849	23	NA		
P-190/P-296	S EOS / N EOS	9/20/2014	9:50 AM	62	JT	93	10.0	850	850	22	NA		
P-190/P-299	E EOS / W EOS	9/20/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-191/P-299	S EOS / N EOS	9/20/2014	10:00 AM	62	JT	93	10.0	850	850	23	NA		
P-191/P-300	E EOS / W EOS	9/20/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-192/P-300	S EOS / N EOS	9/20/2014	10:10 AM	62	JT	93	10.0	850	849	23	NA		
P-192/P-303	E EOS / W EOS	9/20/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-300/P-303	E EOS / W EOS	9/20/2014	10:18 AM	62	JT	93	10.0	850	850	157	NA	PDF-117	
P-302/P-303	E EOS / W EOS	9/20/2014	10:38 AM	63	JT	93	10.0	850	849	73	NA		
P-301/P-303	E EOS / W EOS	9/20/2014	10:47 AM	63	JT	93	10.0	850	850	34	NA		
P-306/P-307	S EOS / N EOS	9/20/2014	11:10 AM	66	JT	93	10.0	850	849	23	NA		
P-194/P-305	S EOS / N EOS	9/20/2014	11:20 AM	66	JT	93	10.0	850	849	22	NA		
P-195/P-307	S EOS / N EOS	9/20/2014	11:30 AM	66	JT	93	10.0	850	850	22	NA		
P-195/P-308	E EOS / W EOS	9/20/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-305/P-307	E EOS / W EOS	9/20/2014	11:40 AM	66	JT	93	10.0	850	849	124	NA		
P-305/P-306	E EOS / W EOS	9/20/2014	11:54 AM	69	JT	93	10.0	850	850	72	NA		
P-304/P-306	E EOS / W EOS	9/20/2014	12:03 PM	69	JT	93	10.0	850	850	68	NA	PDF-119	
P-308/P-311	E EOS / W EOS	9/20/2014	1:55 PM	67	JT	93	10.0	850	849	208	NA		
P-309/P-311	E EOS / W EOS	9/20/2014	2:25 PM	67	JT	93	10.0	850	849	36	NA		
P-310/P-311	E EOS / W EOS	9/20/2014	2:29 PM	67	JT	93	10.0	850	850	23	NA		
P-312/P-313	N EOS / S EOS	9/20/2014	2:40 PM	67	JT	93	10.0	850	849	23	NA		
P-287/P-312	N EOS / S EOS	9/20/2014	3:20 PM	70	JT	93	10.0	850	849	14	NA		
P-286/P-312	N EOS / S EOS	9/20/2014	3:26 PM	70	JT	93	10.0	850	850	10	NA		
P-286/P-311	N EOS / S EOS	9/20/2014	3:26 PM	70	JT	93	10.0	850	850	13	NA		
P-285/P-311	N EOS / S EOS	9/20/2014	3:28 PM	70	JT	93	10.0	850	849	11	NA		
P-300/P-302	N EOS / S EOS	9/20/2014	9:35 AM	62	JT	93	10.0	850	850	23	NA		
P-296/P-299	E EOS / W EOS	9/20/2014	9:03 AM	62	JD	94	10.0	850	850	171	RB	PDF-116	
P-296/P-298	E EOS / W EOS	9/20/2014	9:24 AM	62	JD	94	10.0	850	850	26	RB		
P-296/P-297	E EOS / W EOS	9/20/2014	9:26 AM	62	JD	94	10.0	850	850	67	RB		
P-301/P-302	N EOS / S EOS	9/20/2014	9:40 AM	62	JD	94	10.0	850	848	23	RB		
P-299/P-300	E EOS / W EOS	9/20/2014	9:55 AM	62	JD	94	10.0	850	849	151	RB		
P-299/P-302	E EOS / W EOS	9/20/2014	10:12 AM	62	JD	94	10.0	850	850	27	RB		

Acronyms:
EOS-End of Seam
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-298/P-302	E EOS / W EOS	9/20/2014	10:16 AM	62	JD	94	10.0	850	850	25	RB		
P-297/P-302	E EOS / W EOS	9/20/2014	12:00 AM	62	JD	94	10.0	850	850	21	RB		
P-297/P-301	E EOS / W EOS	9/20/2014	10:22 AM	62	JD	94	10.0	850	848	38	RB		
P-304/P-305	N EOS / S EOS	9/20/2014	10:34 AM	63	JD	94	10.0	850	849	23	RB	PDF-118	
P-193/P-303	S EOS / N EOS	9/20/2014	10:54 AM	63	JD	94	10.0	850	850	22	RB		
P-303/P-305	E EOS / W EOS	9/20/2014	11:00 AM	66	JD	94	10.0	850	850	187	RB		
P-303/P-304	E EOS / W EOS	9/20/2014	11:22 AM	66	JD	94	10.0	850	849	73	RB		
P-308/P-309	N EOS / S EOS	9/20/2014	11:45 AM	66	JD	94	10.0	850	849	23	RB		
P-196/P-308	N EOS / S EOS	9/20/2014	11:50 AM	66	JD	94	10.0	850	850	23	RB		
P-196/P-311	E EOS / W EOS	9/20/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-307/P-308	E EOS / W EOS	9/20/2014	12:06 PM	67	JD	94	10.0	850	850	130	RB		
P-306/P-308	E EOS / W EOS	9/20/2014	12:22 PM	67	JD	94	10.0	850	849	72	RB	PDF-120	
P-306/P-309	E EOS / W EOS	9/20/2014	12:30 PM	67	JD	94	10.0	850	850	35	RB		
P-309/P-310	N EOS / S EOS	9/20/2014	1:45 PM	66	JD	94	10.0	850	850	23	RB		
P-306/P-310	E EOS / W EOS	9/20/2014	1:53 PM	66	JD	94	10.0	850	849	32	RB		
P-197/P-311	S EOS / N EOS	9/20/2014	2:10 PM	66	JD	94	10.0	850	841	22	RB		
P-197/P-313	E EOS / W EOS	9/20/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-198/P-313	S EOS / N EOS	9/20/2014	2:30 PM	65	JD	94	10.0	850	848	21	RB		
P-198/P-314	E EOS / W EOS	9/20/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-311/P-313	E EOS / W EOS	9/20/2014	2:32 PM	65	JD	94	10.0	850	850	224	RB		
P-311/P-312	E EOS / W EOS	9/20/2014	4:58 PM	65	JD	94	10.0	850	850	39	RB		
P-261/P-296	N EOS / S EOS	9/20/2014	3:47 PM	70	JD	94	10.0	850	850	5	NA		
P-260/P-296	N EOS / S EOS	9/20/2014	3:47 PM	70	JD	94	10.0	850	849	18	NA		
P-260/P-284	N EOS / S EOS	9/20/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-73/P-73A	W EOS / E EOS	9/20/2014	4:28 PM	70	JD	94	10.0	850	850	240	NA		
P-76A/P-250	E EOS / W EOS	9/20/2014	5:00 PM	70	JD	94	10.0	850	849	25	NA		
P-76A/P-76	N EOS / S EOS	9/20/2014	5:03 PM	70	JD	94	10.0	850	849	24	NA		
P-74A/P-76	N EOS / S EOS	9/20/2014	5:06 PM	70	JD	94	10.0	850	850	5	NA		
P-74A/P-74	N EOS / S EOS	9/20/2014	5:07 PM	70	JD	94	10.0	850	850	8	NA		Seam Capped
P-73/P-74	N EOS / S EOS	9/20/2014	5:07 PM	70	JD	94	10.0	850	849	11	NA		
P-285/P-310	N EOS / S EOS	9/20/2014	3:30 PM	70	JD	94	10.0	850	849	10	NA		
P-266/P-310	N EOS / S EOS	9/20/2014	3:31 PM	70	JD	94	10.0	850	849	14	NA		
P-266/P-306	N EOS / S EOS	9/20/2014	3:33 PM	70	JD	94	10.0	850	850	9	NA		
P-265/P-306	N EOS / S EOS	9/20/2014	3:34 PM	70	JD	94	10.0	850	850	14	NA		
P-265/P-304	N EOS / S EOS	9/20/2014	3:36 PM	70	JD	94	10.0	850	850	8	NA		
P-264/P-304	N EOS / S EOS	9/20/2014	3:37 PM	70	JD	94	10.0	850	849	15	NA		
P-264/P-303	N EOS / S EOS	9/20/2014	3:38 PM	70	JD	94	10.0	850	849	8	NA	PDF-121	
P-263/P-303	N EOS / S EOS	9/20/2014	3:40 PM	70	JD	94	10.0	850	850	15	NA		
P-263/P-301	N EOS / S EOS	9/20/2014	3:41 PM	70	JD	94	10.0	850	850	7	NA		
P-262/P-301	N EOS / S EOS	9/20/2014	3:43 PM	70	JD	94	10.0	850	850	16	NA		
P-262/P-297	N EOS / S EOS	9/20/2014	3:44 PM	70	JD	94	10.0	850	850	6	NA		

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-261/P-297	N EOS / S EOS	9/20/2014	3:45 PM	70	JD	94	10.0	850	850	16	NA		
P-313/P-314	E EOS / W EOS	9/24/2014	8:23 AM	49	JD	94	10.0	850	850	230	NA		Partial Seam Capped
P-199/P-314	S EOS / N EOS	9/24/2014	8:15 AM	49	JD	94	10.0	850	851	23	NA		
P-199/P-316	E EOS / W EOS	9/24/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-315/P-316	S EOS / N EOS	9/24/2014	9:05 AM	56	JD	94	10.0	850	850	23	NA		
P-312/P-314	E EOS / W EOS	9/24/2014	8:53 AM	53	JD	94	10.0	850	850	34	NA		
P-317/P-318	S EOS / N EOS	9/24/2014	9:15 AM	56	JD	94	10.0	850	850	23	NA		
P-201/P-317	S EOS / N EOS	9/24/2014	9:34 AM	58	JD	94	10.0	850	849	24	NA		
P-201/P-320	E EOS / W EOS	9/24/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-316/P-317	E EOS / W EOS	9/24/2014	9:42 AM	58	JD	94	10.0	850	850	124	NA	PDF-124	
P-316/P-318	E EOS / W EOS	9/24/2014	9:55 AM	59	JD	94	10.0	850	849	83	NA		
P-315/P-318	E EOS / W EOS	9/24/2014	10:05 AM	60	JD	94	10.0	850	849	14	NA		
P-315/P-319	E EOS / W EOS	9/24/2014	10:07 AM	60	JD	94	10.0	850	849	53	NA		
P-203/P-321	S EOS / N EOS	9/24/2014	10:30 AM	60	JD	94	10.0	850	842	23	NA		
P-203/P-323	E EOS / W EOS	9/24/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-320/P-321	E EOS / 240' W	9/24/2014	10:38 AM	61	JD	94	10.0	850	848	240	NA		
P-320/P-321	240' W / W EOS	9/24/2014	11:15 AM	61	JD	94	10.0	850	849	43	NA		
P-204/P-323	S EOS / N EOS	9/24/2014	10:40 AM	61	JD	94	10.0	850	849	23			
P-205/P-325	S EOS / N EOS	9/24/2014	11:30 AM	61	JD	94	10.0	850	848	25	NA		
P-323/P-325	E EOS / W EOS	9/24/2014	11:40 AM	61	JD	94	10.0	850	850	208	NA	PDF-125	
P-323/P-324	E EOS / W EOS	9/24/2014	12:06 PM	62	JD	94	10.0	850	850	41	NA		
P-322/P-324	E EOS / W EOS	9/24/2014	12:10 PM	62	JD	94	10.0	850	849	47	NA		
P-292/P-321	N EOS / S EOS	9/24/2014	2:25 PM	67	JD	94	10.0	850	848	16	NA		
P-291/P-321	N EOS / S EOS	9/24/2014	2:35 PM	67	JD	94	10.0	850	849	9	NA		
P-291/P-320	N EOS / S EOS	9/24/2014	2:26 PM	67	JD	94	10.0	850	850	13	NA		
P-290/P-320	N EOS / S EOS	9/24/2014	2:28 PM	67	JD	94	10.0	850	850	10	NA		
P-290/P-319	N EOS / S EOS	9/24/2014	2:30 PM	67	JD	94	10.0	850	850	13	NA		
P-289/P-319	N EOS / S EOS	9/24/2014	2:32 PM	67	JD	94	10.0	850	849	10	NA		
P-289/P-315	N EOS / S EOS	9/24/2014	2:33 PM	67	JD	94	10.0	850	850	13	NA		
P-288/P-315	N EOS / S EOS	9/24/2014	2:37 PM	67	JD	94	10.0	850	850	10	NA		
P-288/P-314	N EOS / 5' S	9/24/2014	2:47 PM	67	JD	94	10.0	850	848	5	NA		Seam Capped
P-288/P-314	5' S / S EOS	9/24/2014	2:47 PM	67	JD	94	10.0	850	848	9	NA		
P-287/P-314	N EOS / S EOS	9/24/2014	2:48 PM	67	JD	94	10.0	850	849	10	NA		
P-200/P-316	S EOS / N EOS	9/24/2014	8:40 AM	49	JT	92	10.0	850	850	22	BR		
P-200/P-317	E EOS / W EOS	9/24/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-314/P-316	E EOS / W EOS	9/24/2014	8:50 AM	49	JT	92	10.0	850	850	204	BR		Partial Seam Capped
P-314/P-315	E EOS / W EOS	9/24/2014	9:13 AM	56	JT	92	10.0	850	850	68	BR		
P-318/P-319	S EOS / N EOS	9/24/2014	9:35 AM	56	JT	92	10.0	850	850	23	BR		
P-317/P-320	E EOS / W EOS	9/24/2014	10:00 AM	60	JT	92	10.0	850	850	131	BR		
P-318/P-320	E EOS / W EOS	9/24/2014	10:17 AM	60	JT	92	10.0	850	850	94	BR	PDF-123	
P-319/P-320	E EOS / W EOS	9/24/2014	10:28 AM	60	JT	92	10.0	850	850	53	BR		

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-322/P-323	S EOS / N EOS	9/24/2014	10:45 AM	60	JT	92	10.0	850	850	22	BR		
P-321/P-323	E EOS / W EOS	9/24/2014	11:15 AM	62	JT	92	10.0	850	850	242	BR		
P-321/P-322	E EOS / W EOS	9/24/2014	11:42 AM	62	JT	92	10.0	850	849	47	BR		
P-202/P-320	S EOS / N EOS	9/24/2014	9:55 AM	56	JT	92	10.0	850	850	23	BR		
P-202/P-321	E EOS / W EOS	9/24/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-324/P-325	S EOS / N EOS	9/24/2014	11:55 AM	62	JT	92	10.0	850	849	23	BR		Partial Seam Capped
P-326/P-327	S EOS / N EOS	9/24/2014	12:10 PM	62	JT	92	10.0	850	849	23	BR		
P-206/P-326	S EOS / N EOS	9/24/2014	12:20 PM	62	JT	92	10.0	850	851	23	BR	PDF-126	
P-206/P-328	E EOS / W EOS	9/24/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-325/P-326	E EOS / W EOS	9/24/2014	12:30 PM	62	JT	92	10.0	850	849	115	BR		
P-325/P-327	E EOS / W EOS	9/24/2014	12:44 PM	62	JT	92	10.0	850	850	108	BR		
P-324/P-327	E EOS / W EOS	9/24/2014	12:54 PM	62	JT	92	10.0	850	849	88	BR		
P-210/P-332	S EOS / N EOS	9/25/2014	3:23 PM	65	LD	56	9.0	850	850	4	BR		
P-210/P-335	S EOS / N EOS	9/25/2014	3:23 PM	65	LD	56	9.0	850	850	19	BR		
P-211/P-335	S EOS / N EOS	9/25/2014	3:43 PM	65	LD	56	9.0	850	850	4	BR		Seam Capped
P-211/P-336	S EOS / N EOS	9/25/2014	3:43 PM	65	LD	56	9.0	850	850	19	BR		
P-212/P-336	S EOS / N EOS	9/25/2014	-	-	-	-	-	-	-	-	-		Seam Capped
P-212/P-338	S EOS / N EOS	9/25/2014	4:07 PM	65	LD	56	9.0	850	850	19	BR	PDF-131	
P-213/P-338	S EOS / N EOS	9/25/2014	4:08 PM	64	JT	94	9.0	850	850	4	BR		Seam Capped
P-207/P-328	S EOS / N EOS	9/25/2014	1:40 PM	64	JT	92	10.0	850	850	22	BR		
P-329/P-330	S EOS / N EOS	9/25/2014	1:45 PM	64	JT	92	10.0	850	850	22	BR		
P-326/P-328	E EOS / W EOS	9/25/2014	1:50 PM	64	JT	92	10.0	850	850	120	BR		
P-208/P-328	S EOS / N EOS	9/25/2014	1:55 PM	67	JD	94	10.0	850	848	4	NA		Seam Capped
P-208/P-330	S EOS / N EOS	9/25/2014	1:55 PM	67	JD	94	10.0	850	848	19	NA		
P-328/P-330	E EOS / W EOS	9/25/2014	2:00 PM	67	JD	94	10.0	850	851	212	NA	PDF-128	
P-327/P-328	E EOS / 116' W	9/25/2014	2:05 PM	64	JT	92	10.0	850	850	116	BR	PDF-127	
P-327/P-328	116" W / W EOS	9/28/2014	9:15 AM	56	JD	94	10.0	850	845	18	NA		
P-328/P-329	E EOS / W EOS	9/25/2014	2:22 PM	67	JD	94	10.0	850	851	55	NA		
P-209/P-330	S EOS / N EOS	9/25/2014	2:50 PM	67	JD	94	10.0	850	847	4	NA		Seam Capped
P-209/P-332	S EOS / N EOS	9/25/2014	2:50 PM	67	JD	94	10.0	850	847	19	NA		
P-331/P-332	S EOS / N EOS	9/25/2014	2:40 PM	64	JT	92	10.0	850	850	22	BR		
P-330/P-332	E EOS / W EOS	9/25/2014	2:50 PM	64	JT	92	10.0	850	850	153	BR		
P-333/P-334	S EOS / N EOS	9/25/2014	3:00 PM	67	JD	94	10.0	850	847	23	NA		
P-334/P-335	S EOS / N EOS	9/25/2014	3:10 PM	67	JD	94	10.0	850	849	23	NA		
P-332/P-335	E EOS / W EOS	9/25/2014	3:20 PM	67	JD	94	10.0	850	848	60	NA		
P-332/P-334	E EOS / W EOS	9/25/2014	3:25 PM	67	JD	94	10.0	850	850	100	NA		
P-331/P-334	E EOS / W EOS	9/25/2014	3:37 PM	67	JD	94	10.0	850	852	70	NA	PDF-130	
P-331/P-333	E EOS / W EOS	9/25/2014	3:45 PM	67	JD	94	10.0	850	850	21	NA		
P-337/P-338	S EOS / N EOS	9/25/2014	3:55 PM	67	JD	94	10.0	850	846	23	NA		
P-336/P-338	E EOS / W EOS	9/25/2014	4:02 PM	67	JD	94	10.0	850	850	195	NA		
P-336/P-337	E EOS / W EOS	9/25/2014	4:25 PM	67	JD	94	10.0	850	848	22	NA		

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-213/P-341	S EOS / N EOS	9/25/2014	4:45 PM	67	JD	94	10.0	850	846	17	NA		
P-342/P-343	S EOS / N EOS	9/25/2014	5:00 PM	67	JD	94	10.0	850	845	23	NA		
P-341/P-343	E EOS / W EOS	9/25/2014	5:10 PM	67	JD	94	10.0	850	847	49	NA		
P-340/P-343	E EOS / W EOS	9/25/2014	5:15 PM	67	JD	94	10.0	850	851	111	NA		
P-340/P-342	E EOS / W EOS	9/25/2014	5:25 PM	66	JD	94	10.0	850	850	23	NA	PDF-132	
P-330/P-331	E EOS / W EOS	9/25/2014	3:10 PM	64	JT	92	10.0	850	850	58	BR		
P-329/P-331	E EOS / W EOS	9/25/2014	3:15 PM	64	JT	92	10.0	850	850	55	BR		
P-335/P-336	E EOS / W EOS	9/25/2014	3:40 PM	64	JT	92	10.0	850	850	65	BR	PDF-129	
P-334/P-336	E EOS / W EOS	9/25/2014	3:49 PM	64	JT	92	10.0	850	850	168	BR		
P-333/P-336	E EOS / W EOS	9/25/2014	4:08 PM	64	JT	92	10.0	850	850	4	BR		Seam Capped
P-339/P-340	S EOS / N EOS	9/25/2014	4:20 PM	64	JT	92	10.0	850	850	23	BR		
P-340/P-341	S EOS / N EOS	9/25/2014	4:35 PM	64	JT	92	10.0	850	850	23	BR		
P-338/P-341	E EOS / W EOS	9/25/2014	4:42 PM	64	JT	92	10.0	850	850	52	BR		
P-338/P-340	E EOS / W EOS	9/25/2014	4:50 PM	64	JT	92	10.0	850	849	128	TB		
P-338/P-339	E EOS / W EOS	9/25/2014	5:04 PM	64	JT	92	10.0	850	850	20	TB		
P-344/P-345	S EOS / N EOS	9/26/2014	8:50 AM	58	JD	94	10.0	850	849	23	NA		
P-343/P-345	E EOS / W EOS	9/26/2014	9:00 AM	58	JD	94	10.0	850	848	46	NA		
P-343/P-344	E EOS / W EOS	9/26/2014	9:05 AM	58	JD	94	10.0	850	850	108	NA		
P-346/P-347	S EOS / N EOS	9/26/2014	9:07 AM	58	JT	92	10.0	850	849	23	RB		
P-347/P-348	S EOS / N EOS	9/26/2014	9:20 AM	60	JT	92	10.0	850	848	23	RB		
P-345/P-348	E EOS / W EOS	9/26/2014	9:35 AM	60	JT	92	10.0	850	849	19	RB	PDF-133	
P-348/P-349	E EOS / W EOS	9/26/2014	9:35 AM	62	JD	94	10.0	850	848	20	NA		
P-345/P-347	E EOS / W EOS	9/26/2014	9:39 AM	62	JT	92	10.0	850	850	27	RB		
P-347/P-349	E EOS / W EOS	9/26/2014	9:38 AM	62	JD	94	10.0	850	850	90	NA		
P-350/P-351	E EOS / W EOS	9/26/2014	9:47 AM	62	JD	94	10.0	850	850	23	NA		
P-344/P-347	E EOS / 10' W	9/26/2014	9:50 AM	62	JT	92	10.0	850	849	10	RB		
P-344/P-347	10' W / W EOS	9/26/2014	9:50 AM	66	JT	92	10.0	850	850	52	RB		
P-349/P-351	E EOS / W EOS	9/26/2014	9:58 AM	63	JD	94	10.0	850	844	65	NA		
P-349/P-350	E EOS / W EOS	9/26/2014	10:05 AM	63	JD	94	10.0	850	850	24	NA		
P-351/P-352	E EOS / W EOS	9/26/2014	10:20 AM	63	JT	92	10.0	850	849	66	RB		
P-352/P-353	E EOS / W EOS	9/26/2014	10:25 AM	64	JD	94	10.0	850	848	48	NA		
P-355/P-356	N EOS / S EOS	9/26/2014	11:40 AM	69	JD	94	10.0	850	849	95	NA	PDF-134	
P-357/P-358	E EOS / W EOS	9/26/2014	11:45 AM	69	JT	92	10.0	850	848	23	RB		
P-356/P-358	N EOS / S EOS	9/26/2014	12:00 PM	69	JT	92	10.0	850	852	46	RB		
P-356/P-357	N EOS / S EOS	9/26/2014	12:07 PM	69	JT	92	10.0	850	852	29	RB		
P-344/P-346	E EOS / W EOS	9/26/2014	1:00 AM	62	JT	92	10.0	850	851	24	RB		
P-359/P-360	E EOS / W EOS	9/26/2014	1:10 PM	72	JD	94	10.0	850	848	23	NA		
P-358/P-360	N EOS / S EOS	9/26/2014	1:20 PM	72	JD	94	10.0	850	848	17	NA		
P-358/P-359	N EOS / S EOS	9/26/2014	1:22 PM	72	JD	94	10.0	850	849	32	NA		
P-354/P-360	S EOS / N EOS	9/26/2014	1:20 PM	72	JT	92	10.0	850	849	16	RB		
P-354/P-361	N EOS / S EOS	9/26/2014	1:40 PM	72	JT	92	10.0	850	848	13	RB		

Acronyms:
EOS-End of Seam
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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-355/P-362	N EOS / S EOS	9/26/2014	1:40 PM	72	JD	94	10.0	850	847	127	NA		
P-363/P-364	E EOS / W EOS	9/26/2014	2:00 PM	72	JT	92	10.0	850	849	23	RB		
P-362/P-364	N EOS / S EOS	9/26/2014	2:15 PM	72	JT	92	10.0	850	850	35	RB		
P-365/P-366	E EOS / W EOS	9/26/2014	2:18 PM	72	JD	94	10.0	850	847	23	NA		
P-362/P-363	N EOS / S EOS	9/26/2014	2:22 PM	72	JT	92	10.0	850	851	108	RB	PDF-135	
P-364/P-366	N EOS / S EOS	9/26/2014	2:30 PM	70	JD	94	10.0	850	848	31	NA		
P-363/P-366	N EOS / S EOS	9/26/2014	2:34 PM	70	JD	94	10.0	850	849	138	NA		
P-367/P-368	E EOS / W EOS	9/26/2014	2:50 PM	70	JT	92	10.0	850	851	23	RB		
P-366/P-368	N EOS / S EOS	9/26/2014	3:00 PM	69	JT	92	10.0	850	848	120	RB		
P-369/P-370	E EOS / W EOS	9/26/2014	3:18 PM	69	JD	94	10.0	850	848	23	NA		
P-366/P-367	N EOS / S EOS	9/26/2014	3:22 PM	69	JT	92	10.0	850	849	49	RB		
P-365/P-367	N EOS / S EOS	9/26/2014	3:28 PM	69	JT	92	10.0	850	850	20	RB		Partial Seam Capped
P-370/P-371	E EOS / W EOS	9/26/2014	3:35 PM	69	JD	94	10.0	850	849	23	NA		
P-368/P-371	N EOS / S EOS	9/26/2014	3:47 PM	69	JD	94	10.0	850	847	32	NA	PDF-136	
P-368/P-370	N EOS / S EOS	9/26/2014	3:50 PM	69	JD	94	10.0	850	849	90	NA		
P-367/P-370	N EOS / S EOS	9/26/2014	4:03 PM	69	JD	94	10.0	850	849	101	NA		
P-371/P-372	N EOS / S EOS	9/26/2014	4:10 PM	65	JT	92	10.0	850	850	31	RB		
P-370/P-372	N EOS / S EOS	9/26/2014	4:19 PM	64	JT	92	10.0	850	852	190	RB	PDF-137	
P-369/P-372	N EOS / S EOS	9/26/2014	4:41 PM	64	JT	92	10.0	850	848	26	RB		
P-353/P-361	E EOS / W EOS	9/26/2014	4:50 PM	69	JD	94	10.0	850	847	15	NA		
P-353/P-359	N EOS / S EOS	9/26/2014	5:30 PM	69	JD	94	10.0	850	849	30	NA		
P-352/P-359	N EOS / S EOS	9/26/2014	5:33 PM	66	JD	94	10.0	850	849	6	NA		
P-352/P-357	N EOS / S EOS	9/26/2014	5:34 PM	66	JD	94	10.0	850	850	25	NA		
P-350/P-357	N EOS / S EOS	9/26/2014	5:37 PM	66	JD	94	10.0	850	850	11	NA		
P-350/P-356	N EOS / S EOS	9/26/2014	5:40 PM	66	JD	94	10.0	850	850	20	NA		
P-349/P-356	N EOS / S EOS	9/26/2014	5:42 PM	66	JD	94	10.0	850	850	18	NA		
P-349/P-355	N EOS / S EOS	9/26/2014	5:45 PM	66	JD	94	10.0	850	851	14	NA		
P-346/P-355	N EOS / S EOS	9/26/2014	5:47 PM	66	JD	94	10.0	850	851	24	NA		
P-346/P-362	N EOS / S EOS	9/26/2014	5:49 PM	66	JD	94	10.0	850	850	8	NA		
P-344/P-362	N EOS / S EOS	9/26/2014	5:50 PM	66	JD	94	10.0	850	850	29	NA		
P-342/P-363	N EOS / S EOS	9/26/2014	5:53 PM	66	JD	94	10.0	850	850	32	NA		
P-340/P-363	N EOS / S EOS	9/26/2014	5:59 PM	65	JD	94	10.0	850	851	6	NA		Seam Capped
P-339/P-366	N EOS / S EOS	9/26/2014	6:00 PM	65	JD	94	10.0	850	850	8	NA		Seam Capped
P-339/P-365	N EOS / S EOS	9/26/2014	6:01 PM	65	JD	94	10.0	850	850	21	NA		
P-337/P-365	N EOS / S EOS	9/26/2014	6:04 PM	65	JD	94	10.0	850	850	10	NA		
P-337/P-367	N EOS / S EOS	9/26/2014	6:05 PM	64	JD	94	10.0	850	850	22	NA	PDF-138	
P-336/P-367	N EOS / S EOS	9/26/2014	6:06 PM	64	JD	94	10.0	850	850	14	NA		
P-336/P-369	N EOS / S EOS	9/26/2014	6:11 PM	64	JD	94	10.0	850	851	17	NA		
P-333/P-369	N EOS / S EOS	9/26/2014	6:14 PM	64	JD	94	10.0	850	850	22	NA		
P-333/P-372	N EOS / S EOS	9/26/2014	6:16 PM	64	JD	94	10.0	850	850	10	NA		
P-331/P-372	N EOS / S EOS	9/26/2014	6:18 PM	64	JD	94	10.0	850	850	26	NA		

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-373/P-374	E EOS / W EOS	10/1/2014	1:40 PM	48	JD	94	10.0	850	850	32	CS		
P-291/P-373	E EOS / W EOS	10/1/2014	1:50 PM	48	JT	92	10.0	850	849	33	BM		
P-293/P-375	E EOS / W EOS	10/1/2014	1:50 PM	48	JD	94	10.0	850	850	9	CS		
P-374/P-375	E EOS / W EOS	10/1/2014	1:50 PM	48	JD	94	10.0	850	850	40	CS		
P-375/P-376	E EOS / W EOS	10/1/2014	1:57 PM	48	JD	94	10.0	850	850	49	CS		
P-294/P-376	E EOS / W EOS	10/1/2014	1:57 PM	48	JD	94	10.0	850	850	11	CS		Seam Capped
P-292/P-373	N EOS / S EOS	10/1/2014	2:00 PM	48	JT	92	10.0	850	850	23	CS		
P-293/P-374	N EOS / S EOS	10/1/2014	2:05 PM	48	JD	94	10.0	850	850	23	CS		
P-294/P-375	N EOS / 14' S	10/1/2014	2:10 PM	48	JT	92	10.0	850	850	14	CS		
P-294/P-375	14' S / S EOS	10/2/2014	2:12 PM	48	JT	92	10.0	850	850	8.5	CS		Seam Capped
P-295/P-376	N EOS / S EOS	10/1/2014	2:12 PM	48	JD	94	10.0	850	850	23	CS	PDF-139	
P-327/P-376	N EOS / S EOS	10/1/2014	2:20 PM	48	JT	92	10.0	850	850	13	CS		
P-327/P-375	N EOS / S EOS	10/1/2014	2:20 PM	48	JT	92	10.0	850	850	9	CS		
P-292/P-374	W EOS / E EOS	10/1/2014	2:22 PM	48	JD	94	10.0	850	850	8	CS		
P-324/P-375	N EOS / S EOS	10/1/2014	2:23 PM	48	JT	92	10.0	850	850	16	CS		
P-324/P-374	N EOS / S EOS	10/1/2014	2:26 PM	48	JT	92	10.0	850	850	8	CS		
P-322/P-374	N EOS / S EOS	10/1/2014	2:27 PM	48	JT	92	10.0	850	850	16	CS		
P-322/P-373	N EOS / S EOS	10/1/2014	2:28 PM	48	JT	92	10.0	850	850	8	CS		
P-321/P-373	N EOS / S EOS	10/1/2014	2:30 PM	48	JT	92	10.0	850	850	16	CS	PDF-140	
P-395/P-396	W EOS / E EOS	10/3/2014	2:38 PM	55	JD	94	10.0	850	850	24	DW		
P-394/P-396	W EOS / E EOS	10/3/2014	2:42 PM	55	JD	94	10.0	850	850	42	DW		
P-372/P-398	N EOS / 252' S	10/3/2014	4:01 PM	51	JD	94	10.0	850	850	252	DW	PDF-145	
P-372/P-398	252' S / S EOS	10/4/2014	8:10 AM	41	JD	94	10.0	850	850	37	CS		
P-399/P-400	N EOS / S EOS	10/3/2014	4:48 PM	55	JD	94	10.0	850	850	330	DW		
P-295/P-377	W EOS / E EOS	10/3/2014	9:00 AM	34	JD	94	10.0	850	850	269	CS		
P-377/P-378	W EOS / E EOS	10/3/2014	9:30 AM	34	JT	92	10.0	850	849	310	BR		
P-378/P-380	W EOS / E EOS	10/3/2014	10:36 AM	45	JD	94	10.0	850	850	147	CS		Partial Seam Capped
P-376/P-377	W EOS / E EOS	10/3/2014	9:40 AM	39	JD	94	10.0	850	850	56	CS		
P-379/P-380	N EOS / S EOS	10/3/2014	9:55 AM	40	JD	94	10.0	850	850	23	CS		
P-378/P-381	W EOS / E EOS	10/3/2014	10:21 AM	40	JD	94	10.0	850	850	102	CS	PDF-141	
P-382/P-383	N EOS / S EOS	10/3/2014	10:50 AM	45	JT	92	10.0	850	850	22	BR		
P-378/P-379	W EOS / E EOS	10/3/2014	10:58 AM	45	JD	94	10.0	850	850	33	CS		
P-381/P-383	W EOS / E EOS	10/3/2014	11:00 AM	45	JT	92	10.0	850	850	29	BR		
P-384/P-385	N EOS / S EOS	10/3/2014	11:10 AM	45	JD	94	10.0	850	850	23	CS		
P-381/P-382	W EOS / E EOS	10/3/2014	11:17 AM	45	JT	92	10.0	850	851	76	BR		
P-380/P-382	W EOS / E EOS	10/3/2014	11:15 AM	45	JT	92	10.0	850	850	145	BR	PDF-142	
P-383/P-385	W EOS / E EOS	10/3/2014	11:22 AM	45	JD	94	10.0	850	850	35	DW		
P-382/P-385	W EOS / E EOS	10/3/2014	11:30 AM	45	JD	94	10.0	850	850	163	DW		
P-382/P-384	W EOS / E EOS	10/3/2014	11:48 AM	45	JD	94	10.0	850	850	30	DW		
P-386/P-387	N EOS / S EOS	10/3/2014	12:00 PM	50	JT	92	10.0	850	850	22	BR		
P-385/P-387	W EOS / E EOS	10/3/2014	12:10 PM	50	JT	92	10.0	850	850	117	BR		
P-385/P-386	W EOS / E EOS	10/3/2014	12:25 PM	50	JT	92	10.0	850	849	85	BR		

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-388/P-389	N EOS / S EOS	10/3/2014	1:04 PM	55	JD	94	10.0	850	850	23	DW		
P-380/P-381	N EOS / S EOS	10/3/2014	1:14 AM	40	JD	94	10.0	850	850	23	CS		
P-387/P-389	W EOS / E EOS	10/3/2014	1:19 PM	55	JD	94	10.0	850	850	119	DW	PDF-143	
P-390/P-391	N EOS / S EOS	10/3/2014	1:30 PM	50	JT	92	10.0	850	850	22	BR		
P-386/P-389	W EOS / E EOS	10/3/2014	1:30 PM	55	JD	94	10.0	850	850	22	DW		
P-386/P-388	W EOS / E EOS	10/3/2014	1:32 PM	55	JD	94	10.0	850	850	32	DW		
P-389/P-391	W EOS / E EOS	10/3/2014	1:40 PM	50	JT	92	10.0	850	850	106	BR		
P-389/P-390	W EOS / E EOS	10/3/2014	1:50 PM	50	JT	92	10.0	850	850	41	BR	PDF-144	
P-391/P-392	W EOS / E EOS	10/3/2014	2:00 PM	55	JD	94	10.0	850	850	104	DW		
P-393/P-394	N EOS / S EOS	10/3/2014	2:10 PM	50	JT	92	10.0	850	850	22	BR		
P-390/P-392	W EOS / E EOS	10/3/2014	2:17 PM	55	JD	94	10.0	850	850	14	DW		
P-394/P-395	N EOS / S EOS	10/3/2014	2:30 PM	55	JD	94	10.0	850	850	23	DW		
P-392/P-395	W EOS / E EOS	10/3/2014	2:35 PM	50	JT	92	10.0	850	849	21	BR		
P-392P-394	N EOS / S EOS	10/3/2014	2:38 PM	50	JT	92	10.0	850	850	45	BR		
P-392/P-393	N EOS / S EOS	10/3/2014	2:42 PM	50	JT	92	10.0	850	850	30	BR		
P-396/P-397	E EOS / W EOS	10/3/2014	2:50 PM	50	JT	92	10.0	850	852	44	BR		
P-398/P-399	N EOS / S EOS	10/3/2014	4:20 PM	40	JT	92	10.0	850	850	333	BR	PDF-146	
P-328/P-398	S EOS / N EOS	10/4/2014	8:35 AM	41	JD	94	10.0	850	850	13	CS	PDF-147	
P-329/P-398	S EOS / N EOS	10/4/2014	8:37 AM	41	JD	94	10.0	850	850	23	CS		
P-331/P-398	S EOS / N EOS	10/4/2014	8:39 AM	41	JD	94	10.0	850	850	4	CS		
P-401/P-402	N EOS / S EOS	10/4/2014	9:12 AM	45	JT	92	9.5	850	850	23	CS		
P-397/P-402	W EOS / E EOS	10/4/2014	9:20 AM	51	JT	92	9.5	850	850	38	CS		
P-396/P-402	W EOS / E EOS	10/4/2014	9:28 AM	51	JT	92	9.5	850	850	37	CS		
P-400/P-403	N EOS / 210' S	10/4/2014	9:30 AM	51	JD	94	10.0	850	850	210	CS		
P-400/P-403	210' S / S EOS	10/4/2014	4:35 PM	64	JT	92	10.0	850	850	75	CS	PDF-154	
P-393/P-402	W EOS / E EOS	10/4/2014	9:32 AM	51	JT	92	9.5	850	850	20	CS		
P-393/P-401	W EOS / E EOS	10/4/2014	9:34 AM	51	JT	92	9.5	850	850	18	CS		
P-392/P-401	W EOS / E EOS	10/4/2014	9:36 AM	51	JT	92	9.5	850	850	37	CS		
P-390/P-401	W EOS / E EOS	10/4/2014	9:40 AM	51	JT	92	9.5	850	850	38	CS		
P-388/P-401	W EOS / E EOS	10/4/2014	9:45 AM	51	JT	92	9.5	850	850	38	CS		
P-386/P-401	W EOS / E EOS	10/4/2014	9:49 AM	51	JT	92	9.5	850	850	39	CS		
P-384/P-401	W EOS / E EOS	10/4/2014	9:54 AM	51	JT	92	9.5	850	850	38	CS		
P-404/P-405	E EOS / W EOS	10/4/2014	9:57 AM	51	PL	93	10.0	850	850	23	CS		
P-382/P-401	W EOS / E EOS	10/4/2014	9:58 AM	51	JT	92	9.5	850	850	38	CS		
P-380/P-401	W EOS / E EOS	10/4/2014	10:02 AM	51	JT	92	9.5	850	850	4	CS		
P-379/P-401	W EOS / E EOS	10/4/2014	10:03 AM	51	JT	92	9.5	850	850	36	CS		
P-405/P-406	E EOS / W EOS	10/4/2014	10:07 AM	51	PL	93	10.0	850	850	23	CS		
P-378/P-401	W EOS / E EOS	10/4/2014	10:07 AM	51	JT	92	9.5	850	850	37	CS		
P-406/P-407	E EOS / W EOS	10/4/2014	10:25 AM	51	JD	94	10.0	850	850	23	CS		
P-403/P-407	N EOS / E EOS	10/4/2014	10:35 AM	51	JD	94	10.0	850	850	66	CS		
P-403/P-406	N EOS / E EOS	10/4/2014	10:44 AM	51	JD	94	10.0	850	850	153	CS		
P-407/P-408	N EOS / S EOS	10/4/2014	10:50 AM	51	JT	92	9.5	850	850	66	CS	PDF-149	
P-406/P-408	N EOS / S EOS	10/4/2014	11:00 AM	51	JT	92	9.5	850	850	153	CS		

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**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-409/P-410	E EOS / W EOS	10/4/2014	11:00 AM	51	PL	93	10.0	850	850	23	CS		
P-410/P-412	N EOS / S EOS	10/4/2014	11:00 AM	57	JT	92	9.5	850	850	100	CS		
P-403/P-405	N EOS / E EOS	10/4/2014	11:05 AM	51	JD	94	10.0	850	850	34	CS	PDF-148	
P-403/P-404	N EOS / S EOS	10/4/2014	11:12 AM	51	JD	94	10.0	850	850	22	CS		
P-405/P-408	N EOS / S EOS	10/4/2014	11:19 AM	51	JT	92	9.5	850	850	34	CS		
P-408/P-410	N EOS / S EOS	10/4/2014	11:23 AM	57	JD	94	10.0	850	850	214	CS		
P-411/P-412	E EOS / W EOS	10/4/2014	11:35 AM	57	JT	92	9.5	850	850	23	CS		
P-408/P-409	N EOS / S EOS	10/4/2014	11:57 AM	57	JD	94	10.0	850	850	21	CS		
P-410/P-411	N EOS / S EOS	10/4/2014	12:05 PM	57	JT	92	9.5	850	850	116	CS		
P-413/P-414	E EOS / W EOS	10/4/2014	1:00 PM	64	PL	93	10.0	850	850	23	CS		
P-412/P-414	N EOS / S EOS	10/4/2014	1:14 PM	61	JD	94	10.0	850	850	99	DW		
P-411/P-414	N EOS / S EOS	10/4/2014	1:27 PM	61	JD	94	10.0	850	850	72	DW		
P-415/P-416	E EOS / W EOS	10/4/2014	1:30 PM	64	JT	92	10.0	850	850	23	CS		
P-411/P-413	N EOS / S EOS	10/4/2014	1:36 PM	61	JD	94	10.0	850	850	22	DW		
P-414/P-416	N EOS / S EOS	10/4/2014	1:40 PM	64	JT	92	10.0	850	850	118	CS	PDF-150	
P-416/P-417	N EOS / S EOS	10/4/2014	1:54 PM	64	JD	94	10.0	850	850	114	DW	PDF-151	
P-414/P-415	N EOS / S EOS	10/4/2014	1:56 PM	64	JT	92	10.0	850	850	53	CS		
P-418/P-419	E EOS / W EOS	10/4/2014	2:03 PM	64	PL	93	10.0	850	850	23	CS		
P-415/P-417	N EOS / S EOS	10/4/2014	2:10 PM	64	JD	94	10.0	850	850	33	DW		
P-419/P-420	E EOS / W EOS	10/4/2014	2:25 PM	64	JT	92	10.0	850	850	23	CS		
P-422/P-423	E EOS / W EOS	10/4/2014	2:40 PM	64	PL	93	10.0	850	850	23	CS	PDF-155	
P-417/P-420	N EOS / S EOS	10/4/2014	2:40 PM	64	JT	92	10.0	850	850	42	CS		
P-417/P-419	N EOS / S EOS	10/4/2014	2:44 PM	64	JT	92	10.0	850	850	59	CS		
P-420/P-421	N EOS / S EOS	10/4/2014	2:47 PM	64	JD	94	10.0	850	850	41	DW		
P-417/P-418	N EOS / S EOS	10/4/2014	2:51 PM	64	JT	92	10.0	850	850	24	CS		
P-419/P-421	N EOS / S EOS	10/4/2014	2:53 PM	64	JD	94	10.0	850	850	62	DW		
P-421/P-423	N EOS / S EOS	10/4/2014	3:05 PM	64	JT	92	10.0	850	850	61	CS		
P-424/P-425	E EOS / W EOS	10/4/2014	3:10 PM	64	JD	94	10.0	850	850	23	CS		
P-421/P-422	N EOS / S EOS	10/4/2014	3:12 PM	64	JT	92	10.0	850	850	23	CS		
P-425/P-426	E EOS / W EOS	10/4/2014	3:40 PM	64	JD	94	10.0	850	850	23	CS		Partial Seam Capped
P-423/P-426	N EOS / S EOS	10/4/2014	3:45 PM	64	JD	94	10.0	850	850	9	CS		
P-423/P-425	N EOS / S EOS	10/4/2014	3:46 PM	64	JD	94	10.0	850	850	13	CS		
P-423/P-424	N EOS / S EOS	10/4/2014	3:47 PM	64	JD	94	10.0	850	850	39	CS		
P-426/P-427	N EOS / S EOS	10/4/2014	3:55 PM	64	JT	92	10.0	850	850	10	CS		
P-425/P-427	N EOS / S EOS	10/4/2014	3:56 PM	64	JT	92	10.0	850	850	14	CS		
P-424/P-427	N EOS / S EOS	10/4/2014	3:57 PM	64	JT	92	10.0	850	850	19	CS		
P-427/P-428	N EOS / S EOS	10/4/2014	4:10 PM	64	JT	92	10.0	850	850	19	CS		
P-401/P-404	E EOS / W EOS	10/4/2014	4:15 PM	64	JD	94	10.0	850	850	29	CS		
P-401/P-408	E EOS / W EOS	10/4/2014	4:19 PM	64	JD	94	10.0	850	850	30	CS		
P-401/P-409	E EOS / W EOS	10/4/2014	4:23 PM	64	JD	94	10.0	850	850	29	CS		
P-401/P-411	E EOS / W EOS	10/4/2014	4:26 PM	64	JD	94	10.0	850	850	31	CS		
P-401/P-413	E EOS / W EOS	10/4/2014	4:31 PM	64	JD	94	10.0	850	850	30	CS	PDF-153	
P-401/P-415	E EOS / W EOS	10/4/2014	4:35 PM	64	JD	94	10.0	850	850	30	CS		
P-401/P-417	E EOS / W EOS	10/4/2014	4:39 PM	64	JD	94	10.0	850	850	30	CS		

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

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Summary**



SEAM NUMBER	SEAM SECTION	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
	FROM / TO							SETTING (°F)	ACTUAL (°F)				
P-401/P-418	E EOS / W EOS	10/4/2014	4:44 PM	64	JD	94	10.0	850	850	30	CS		
P-401/P-421	E EOS / 25' W	10/4/2014	4:49 PM	64	JD	94	10.0	850	850	25	CS		
P-401/P-421	25' W / W EOS	10/4/2014	4:54 PM	64	JD	94	10.0	850	850	5	CS		
P-401/P-422	E EOS / W EOS	10/4/2014	4:55 PM	64	JD	94	10.0	850	850	20	CS		
P-402/P-422	E EOS / W EOS	10/4/2014	4:57 PM	64	JD	94	10.0	850	850	10	CS		
P-400/P-401	N EOS / S EOS	10/4/2014	4:58 PM	64	JT	92	10.0	850	850	18	CS		
P-402/P-424	E EOS / W EOS	10/4/2014	4:59 PM	64	JD	94	10.0	850	850	29	CS		
P-402/P-427	E EOS / W EOS	10/4/2014	5:04 PM	64	JD	94	10.0	850	850	30	CS		
P-402/P-428	E EOS / W EOS	10/4/2014	5:09 PM	64	JD	94	10.0	850	850	23	CS		
P-377/P-401	W EOS / E EOS	10/4/2014	5:10 PM	64	JT	92	10.0	850	850	10	CS		
P-327/P-429	E EOS / W EOS	10/4/2014	5:32 PM	64	JT	92	10.0	850	850	35	CS		
P-376/P-429	N EOS / S EOS	10/4/2014	5:40 PM	64	JT	92	10.0	850	850	8	CS		
P-401/P-403	E EOS / W EOS	10/4/2014	5:50 PM	64	JT	92	10.0	850	850	29	CS		
P-377/P-400	N EOS / S EOS	10/4/2014	6:00 PM	64	JT	92	10.0	850	850	23	CS		
P-377/P-429	N EOS / S EOS	10/4/2014	6:00 PM	64	JT	92	10.0	850	850	4	CS		Seam Capped
P-398/P-429	E EOS / W EOS	10/4/2014	6:15 PM	64	JT	92	10.0	850	850	8	CS		
P-399/P-429	E EOS / W EOS	10/4/2014	6:16 PM	64	JT	92	10.0	850	850	23	CS		
P-400/P-429	E EOS / W EOS	10/4/2014	6:18 PM	64	JT	92	10.0	850	850	11	CS		
P-328/P-429	S EOS / N EOS	10/4/2014	6:25 PM	64	JT	92	10.0	850	850	9	CS		

Fusion Welds

Appendix K.4
Primary Geomembrane
Defect/Repair Summary

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD1	8/11/14	P-2/P-3	PDF-1	DF	8/12/14	9:41 AM	2x5	P	LD	120	08/12/14	AV	BM	PASS	
PD2	8/11/14	P-4/P-5	PDF-2	DF	8/12/14	10:03 AM	2x5	P	LD	120	08/12/14	AV	BM	PASS	
PD3	8/11/14	P-5/P-6	PDF-3	DF	8/12/14	9:52 AM	2x5	P	LD	120	08/12/14	AV	BM	PASS	
PD4	8/11/14	P-7/P-8	At Crest	WR	8/13/14	8:24 AM	2x7	P	LD	120	08/13/14	AV	BM	PASS	
PD5	8/12/14	P-7/P-8	PDF-4	DF	8/13/14	10:39 AM	2x5	P	LD	120	08/13/14	AV	BM	PASS	
PD6	8/12/14	P-8/P-9	PDF-5	DF	8/13/14	9:34 AM	2x5	P	LD	120	08/13/14	AV	BM	PASS	
PD7	8/12/14	P-8/P-9	258' E of W EOS	BO	8/13/14	2:27 PM	2x3	P	LD	120	08/13/14	AV	BM	PASS	
PD8	8/12/14	P-10/P-11	PDF-6	DF	8/13/14	2:12 PM	2x5	P	LD	120	08/13/14	AV	BM	PASS	
PD9	8/12/14	P-11/P-12/P-13	Intersection	INT	8/13/14	10:50 AM	2x3	P	LD	120	08/13/14	AV	BM	PASS	
PD10	8/12/14	P-11/P-13	PDF-7	DF	8/13/14	9:44 AM	2x5	P	LD	120	08/13/14	AV	BM	PASS	
PD11	8/12/14	P-12/P-13/P-14	Intersection	INT	8/13/14	10:40 AM	2x3	P	LD	120	08/13/14	AV	BM	PASS	
PD12	8/12/14	P-14/P-15	115' E of W EOS	FS	8/13/14	10:11 AM	2x18	C	LD	120	08/13/14	AV	BM	PASS	Covers PD14
PD13	8/12/14	P-15/P-16/P-17	Intersection	INT	8/13/14	9:50 AM	2x3	P	LD	120	08/13/14	AV	BM	PASS	
PD14	8/12/14	P-14/P-15/P-17	Intersection	INT	Covered by PD12										
PD15	8/12/14	P-12/P-14/P-17	Intersection	INT	8/13/14	11:22 AM	2x4	P	LD	120	08/13/14	AV	BM	PASS	
PD16	8/12/14	P-11/P-12/P-17	Intersection	INT	8/13/14	12:04 PM	2x3	P	LD	120	08/13/14	AV	BM	PASS	
PD17	8/12/14	P-10/P-11/P-17	Intersection	INT	8/13/14	2:03 PM	2x2	P	LD	120	08/13/14	AV	BM	PASS	
PD18	8/12/14	P-11/P-17	PDF-8	DF	8/13/14	2:20 PM	2x3	P	LD	120	08/13/14	AV	BM	PASS	
PD19	8/12/14	P-17/P-18	PDF-9	DF	8/13/14	11:53 AM	2x5	P	LD	120	08/13/14	AV	BM	PASS	
PD20	8/13/14	P-18/P-19	PDF-10	DF	8/13/14	2:49 PM	2x5	P	LD	120	08/13/14	AV	BM	PASS	
PD21	8/13/14	P-21/P-22	PDF-11	DF	8/27/14	5:49 PM	2x10	P	LD	120	09/12/14	AV	BM	PASS	Covers PD114
PD22	8/14/14	P-26/P-27	PDF-12	DF	8/15/14	2:47 PM	2x5	P	LD	120	08/13/14	AV	BM	PASS	
PD23	8/14/14	P-15/P-23	At Crest	WR	8/15/14	1:57 PM	2x5	P	LD	120	08/15/14	AV	BM	PASS	
PD24	8/14/14	P-18/P-24	PDF-13	DF	8/15/14	2:41 PM	2x7	P	LD	120	08/15/14	AV	BM	PASS	Covers PD32
PD25	8/14/14	P-38	5' E of W EOS/9' S	DO	8/15/14	4:26 PM	2x2	P	LD	120	08/15/14	AV	BM	PASS	
PD26	8/15/14	P-40/P-41	PDF-14	DF											
PD27	8/15/14	P-15/P-16/P-23	Intersection	INT	8/15/14	2:05 PM	2x3	P	LD	120	08/15/14	AV	BM	PASS	
PD28	8/15/14	P-16/P-17/P-23	Intersection	INT	8/15/14	2:15 PM	3x3	P	LD	120	08/15/14	AV	BM	PASS	
PD29	8/15/14	P-17/P-23/P-24	Intersection	INT	Covered by PD30										
PD30	8/15/14	P-17/P-24	Entire Seam	FS	8/15/14	2:34 PM	2x10	C	LD	120	08/15/14	AV	BM	PASS	Covers PD29 & PD31
PD31	8/15/14	P-17/P-18/P-24	Intersection	INT	Covered by PD30										
PD32	8/15/14	P-18/P-24/P-25	Intersection	INT	Covered by PD24										
PD33	8/15/14	P-27/P-28/P-29	Intersection	INT	8/15/14	3:06 PM	2x3	P	LD	120	08/15/14	AV	BM	PASS	
PD34	8/15/14	P-26/P-27/P-29	Intersection	INT	8/15/14	2:52 PM	2x5	P	LD	120	08/15/14	AV	BM	PASS	
PD35	8/15/14	P-29	5' S of P27/28/29 & 3' W	DO	8/15/14	3:30 PM	2x2	P	LD	120	08/15/14	AV	BM	PASS	
PD36	8/15/14	P-44/P-46	PDF-15	DF	8/16/14	10:48 AM	2x5	P	LD	120	08/18/14	JT	AT	PASS	Covers PD47 & PD50
PD37	8/15/14	P-30/P-31/P-32/P-33	Intersection	INT	8/15/14	3:48 PM	2x7	P	LD	120	08/15/14	AV	BM	PASS	
PD38	8/15/14	P-26/P-29	At Crest	PT	8/15/14	3:55 PM	2x6	P	LD	120	08/15/14	AV	BM	PASS	
PD39	8/15/14	P-36	7' W of E EOS/8' N	DO	8/15/14	4:31 PM	2x3	P	LD	120	08/15/14	AV	BM	PASS	
PD40	8/15/14	P-52/P-53	PDF-16	DF	8/16/14	11:23 AM	2x5	P	LD	120	08/18/14	JT	AT	PASS	
PD41	8/15/14	P-36/P-37/P-52	Intersection	INT	8/15/14	5:33 PM	2x2	P	LD	120	08/18/14	JT	AT	PASS	
PD42	8/15/14	P-37/P-38/P-52	Intersection	INT	8/15/14	5:38 PM	2x2	P	LD	120	08/18/14	JT	AT	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD43	8/15/14	P-38/P-39/P-52	Intersection	INT	8/15/14	5:47 PM	2x4	P	LD	120	08/18/14	JT	AT	PASS	
PD44	8/15/14	P-53/P-59	PDF-17	DF	8/16/14	3:05 PM	2x8	P	LD	120	08/18/14	JT	AT	PASS	Coveres PD85
PD45	8/15/14	P-39/P-40/P-52	Intersection	INT	8/15/14	5:53 PM	2x4	P	LD	120	08/18/14	JT	AT	PASS	
PD46	8/16/14	P-40/P-50/P-52	Intersection	INT	8/16/14	10:43 AM	3x3	P	LD	120	08/18/14	JT	AT	PASS	
PD47	8/16/14	P-40/P-41/P-50	Intersection	INT	Covered by PD36										
PD48	8/16/14	P-41/P-42/P-50	Intersection	INT	8/16/14	10:16 AM	2x2	P	LD	120	08/18/14	JT	AT	PASS	
PD49	8/16/14	P-42/P-43/P-49/P-50	Intersection	INT	8/16/14	10:07 AM	3x6	P	LD	120	08/18/14	JT	AT	PASS	
PD50	8/16/14	P-43/P-44/P-46/P-47/P-48/P-49	Intersection	INT	Covered by PD36										
PD51	8/16/14	P-44/P-45/P-46	Intersection	INT	8/16/14	9:35 AM	2x4	P	LD	120	08/18/14	JT	AT	PASS	
PD52	8/16/14	P-58/P-60	PDF-18	DF	8/16/14	3:11 PM	2x5	P	LD	120	08/18/14	JT	AT	PASS	
PD53	8/16/14	P-50/P-51/P-52	Intersection	INT	8/16/14	10:58 AM	2x3	P	LD	120	08/18/14	JT	AT	PASS	
PD54	8/16/14	P-54/PD56	PDX-1	DX	8/16/14	2:00 PM	2x5	P	LD	120	08/18/14	JT	AT	PASS	
PD55	8/16/14	P-36/P-52/P-54	Intersection	INT	Covered by PD56										
PD56	8/16/14	P-52/P-54	Entire Seam	FS	8/16/14	11:25 AM	2x13	C	LD	120	08/18/14	JT	AT	PASS	Coveres PD55 & PD57
PD57	8/16/14	P-52/P-53/P-54	Intersection	INT	Covered by PD56										
PD58	8/16/14	P-62/P-66	PDF-19	DF	8/18/14	8:52 AM	2x4	P	LD	120	08/18/14	AV	AT	PASS	
PD59	8/16/14	P-35/P-36/P-54	Intersection	INT	8/16/14	11:30 AM	2x3	P	LD	120	08/18/14	AV	AT	PASS	
PD60	8/16/14	P-33/P-34/P-54	Intersection	INT	8/16/14	11:49 AM	3x4	P	LD	120	08/18/14	AV	AT	PASS	
PD61	8/16/14	P-54/P-55/P-56	Intersection	INT	8/16/14	11:53 AM	2x3	P	LD	120	08/18/14	AV	AT	PASS	
PD62	8/16/14	P-55/P-56/P-61	Intersection	INT	Covered by D63										
PD63	8/16/14	P-56/P-61	Entire Seam	FS	8/16/14	12:10 PM	2x8	C	LD	120	08/18/14	AV	AT	PASS	Covers D62 & D64
PD64	8/16/14	P-56/P-60/P-61	Intersection	INT	Covered by D63										
PD65	8/16/14	P-28/P-61	PDF-20	DF	8/18/14	9:12 AM	2x10	P	LD	120	08/18/14	AV	CS	PASS	Covers D67
PD66	8/16/14	P-29/P-30/P-33/P-54/P-55	Intersection	INT	8/18/14	10:47 AM	2x3	P	LD	120	08/18/14	AV	CS	PASS	
PD67	8/16/14	P-28/P-29/P-55/P-61	Intersection	INT	Covered by D65										
PD68	8/16/14	P-27/P-28/P-61	Intersection	INT	8/18/14	9:17 AM	2x3	P	LD	120	08/18/14	AV	CS	PASS	
PD69	8/16/14	P-26/P-27/P-61	Intersection	INT	8/18/14	9:20 AM	2x2	P	LD	120	08/18/14	AV	CS	PASS	
PD70	8/16/14	P-26/P-61/P-62	Intersection	INT	8/18/14	9:23 AM	2x4	P	LD	120	08/18/14	AV	CS	PASS	
PD71	8/16/14	P-25/P-26/P-62	Intersection	INT	8/18/14	9:26 AM	2x3	P	LD	120	08/18/14	AV	CS	PASS	
PD72	8/16/14	P-18/P-25/P-62	Intersection	INT	8/18/14	9:55 AM	3x4	P	LD	120	08/18/14	AV	CS	PASS	
PD73	8/16/14	P-18/P-19/P-62	Intersection	INT	8/18/14	9:52 AM	2x2	P	LD	120	08/18/14	AV	CS	PASS	
PD74	8/16/14	P-19/P-62/P-64	Intersection	INT	8/18/14	9:29 AM	2x3	P	LD	120	08/18/14	AV	CS	PASS	
PD75	8/16/14	P-19/P-20/P-64	Intersection	INT	8/18/14	9:32 AM	2x3	P	LD	120	08/18/14	AV	CS	PASS	
PD76	8/16/14	P-62/P-64/P-65	Intersection	INT	8/18/14	9:36 AM	2x2	P	LD	120	08/18/14	AV	CS	PASS	
PD77	8/16/14	P-60/P-61/P-62	Intersection	INT	8/16/14	1:54 PM	2x4	P	LD	120	08/16/14	AV	CS	PASS	
PD78	8/16/14	P-62/P-65/P-66	Intersection	INT	8/18/14	8:56 AM	2x2	P	LD	120	08/18/14	AV	CS	PASS	
PD79	8/16/14	P-53/P-54/P-56	Intersection	INT	8/16/14	11:40 AM	2x4	P	LD	120	08/18/14	JT	AT	PASS	
PD80	8/16/14	P-53/P-56/P-57	Intersection	INT	8/16/14	2:18 PM	2x7	P	LD	120	08/18/14	AV	CS	PASS	
PD81	8/16/14	P-56/P-57/P-60	Intersection	INT	8/16/14	1:58 PM	2x3	P	LD	120	08/18/14	AV	CS	PASS	
PD82	8/16/14	P-57/P-58/P-60	Intersection	INT	8/16/14	2:46 PM	2x3	P	LD	120	08/18/14	AV	CS	PASS	
PD83	8/16/14	P-53/P-57/P-58	Intersection	INT	8/16/14	14:37	2x2	P	LD	120	08/18/14	AV	CS	PASS	
PD84	8/16/14	P-58/P-59/P-60	Intersection	INT	8/16/14	3:16 PM	2x2	P	LD	120	08/18/14	JT	AT	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD85	8/16/14	P-53/P-58/P-59	Intersection	INT	Covered by PD44										
PD86	8/16/14	P-51/P-52/P-53	Intersection	INT	8/16/14	3:35 PM	2x3	P	LD	120	08/18/14	JT	AT	PASS	
PD87	8/16/14	P-60/P-62/P-63	Intersection	INT	8/18/14	8:41 AM	2x2	P	LD	120	08/18/14	AV	CS	PASS	
PD88	8/16/14	P-62/P-63/P-66	Intersection	INT	8/18/14	8:50 AM	2x2	P	LD	120	08/18/14	AV	CS	PASS	
PD89	8/16/14	P-56	22' N of P-56/P-57/P-53	PU	8/16/14	11:43 AM	2x2	P	LD	120	08/18/14	JT	AT	PASS	
PD90	8/16/14	P-34/P-35/P-54	Intersection	INT	8/18/14	10:41 AM	2x3	P	LD	120	08/18/14	AV	CS	PASS	
PD91	8/25/14	P-69/P-70	PDF-22	DF	8/25/14	3:37 PM	2x5	P	LD	116	08/26/14	AV	BM	PASS	
PD92	8/25/14	P-1/P-67	294' E of W EOS	BO	8/26/14	11:20 AM	2x3	P	LD	116	08/26/14	AV	BM	PASS	
PD93	8/25/14	P-70/P-71	PDF-23	DF	8/25/14	4:00 PM	2x5	P	LD	116	08/26/14	AV	BM	PASS	
PD94	8/25/14	P-68/P-69	PDF-21	DF	8/25/14	11:05 AM	2x8	P	LD	116	08/26/14	AV	BM	PASS	
PD95	8/25/14	P-73/P-74	PDF-24	DF	8/26/14	11:54 AM	2x5	P	LD	116	08/26/14	AV	BM	PASS	
PD96	8/25/14	P-69	5' E of W EOS/10' N	DO	8/25/14	3:22 PM	2x2	P	LD	116	08/26/14	AV	BM	PASS	
PD97	8/25/14	P-71/P-72/P-73	Intersection	INT	8/25/14	10:39 AM	3x5	P	LD	116	08/26/14	AV	BM	PASS	
PD98	8/25/14	P-74/P-75	PDF-25	DF	8/26/14	9:21 AM	2x5	P	LD	116	08/26/14	AV	BM	PASS	
PD99	8/25/14	P-74/P-75/P-76	Intersection	INT	8/26/14	10:20 AM	3x3	P	LD	116	08/26/14	AV	BM	PASS	
PD100	8/25/14	P-74/P-75	145' E of W EOS	BO	8/26/14	10:12 AM	2x6	P	LD	116	08/26/14	AV	BM	PASS	
PD101	8/25/14	P-72/P-73	15' E of W EOS	BO	8/26/14	12:06 PM	2x4	P	LD	116	08/26/14	AV	BM	PASS	
PD102	8/25/14	P-73	76' E of W EOS/8' N	DO	8/26/14	10:02 AM	2x2	P	LD	116	08/26/14	AV	BM	PASS	
PD103	8/25/14	P-73	75' E of W EOS/7' N	DO	8/26/14	9:57 AM	2x2	P	LD	116	08/26/14	AV	BM	PASS	
PD104	8/27/14	P-21/P-77	PDF-26	DF	Covered by D110										
PD105	8/27/14	P-77/P-78	PDF-27	DF	9/15/14	2:58 PM	2x5	P	LD	120	09/16/14	AV	BM	PASS	
PD106	8/27/14	P-79/P-80	PDF-28	DF	9/7/14	2:33 PM	2x5	P	AR	120	09/12/14	AV	BM	PASS	
PD107	8/27/14	P-79/P-80	PDF-29	DF	9/13/14	2:10 PM	2x18	P	LD	120	09/13/14	AV	BM	PASS	Covers PD175
PD108	8/27/14	P-82/P-83	PDF-30	DF	9/7/14	9:50 AM	3x11	P	AR	120	09/11/14	JT	AF	PASS	Covers PD119
PD109	8/27/14	P-77/P-79	62' E of W EOS	BO	9/7/14	11:55 AM	2x5	P	AR	120	09/11/14	JT	AF	PASS	
PD110	8/27/14	P-21/P-77	42' E of W EOS	FS	9/7/14	11:45 AM	3x12	C	AR	120	09/11/14	JT	AF	PASS	Covers PD104
PD111	8/27/14	P-66/P-83	PDF-31	DF	9/7/14	9:50 AM	3x8	P	AR	120	09/11/14	JT	AF	PASS	Covers PD121
PD112	8/27/14	P-20/P-21P-64/P-65/P-77/P-79	Intersection/FS	INT/FS	9/7/14	11:05 AM	3x7	C	AR	120	09/11/14	JT	AF	PASS	
PD113	8/27/14	P-65/P-79	7' S of N EOS	PT	9/7/14	10:50 AM	3x7	P	AR	120	09/11/14	JT	AF	PASS	
PD114	8/27/14	P-21/P-22/P-77	Intersection	INT	Covered by D21										
PD115	8/27/14	P-77/P-78/P-79	Intersection	INT	9/11/14	5:37 PM	2x10	P	LD	120	09/12/14	AV	BM	PASS	
PD116	9/3/14	P-65/P-79/P-80	Intersection	INT	9/3/14	10:30 AM	3x6	P	AR	120	09/11/14	JT	AF	PASS	
PD117	9/3/14	P-65/P-80/P-81	Intersection	INT	9/3/14	10:20 AM	3x3	P	AR	120	09/12/14	AV	BM	PASS	
PD118	9/3/14	P-65/P-81/P-82	Intersection	INT	9/3/14	10:05 AM	4x4	P	AR	120	09/11/14	JT	AF	PASS	
PD119	9/3/14	P-65/P-82/P-83	Intersection	INT	Covered by PD108										
PD120	9/3/14	P-65/P-66/P-83	Intersection	INT	9/3/14	9:40 AM	2x2	P	AR	120	09/11/14	JT	AF	PASS	
PD121	9/3/14	P-66/P-83/P-85	Intersection	INT	Covered by PD111										
PD122	9/3/14	P-66/P-85/P-87	Intersection	INT	9/3/14	9:20 AM	3x3	P	AR	120	09/11/14	JT	JT	PASS	
PD123	9/3/14	P-85/P-86/P-87	Intersection	INT	9/3/14	5:22 PM	2x2	P	LD	120	09/12/14	AV	BM	PASS	
PD124	9/3/14	P-83/P-84/P-85	Intersection	INT	9/3/14	1:51 PM	2x2	P	LD	120	09/11/14	AV	BM	PASS	
PD125	9/3/14	P-66/P-87/P-88	Intersection	INT	9/4/14	4:09 PM	3x4	P	LD	120	09/11/14	JT	AF	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD126	9/3/14	P-87/P-88/P-89	Intersection	INT	9/4/14	4:15 PM	2x2	P	JT	103	09/11/14	JT	AF	PASS	
PD127	9/3/14	P-89/P-91/P-92	Intersection	INT	Covered by PD133										
PD128	9/3/14	P-86/P-89/P-90	Intersection	INT	9/9/14	11:16 AM	2x2	P	LD	120	09/12/14	AV	BM	PASS	
PD129	9/3/14	P-88/P-89/P-92	Intersection	INT	9/4/14	4:10 PM	2x3	P	JT	103	09/11/14	JT	AF	PASS	
PD130	9/3/14	P-66/P-88/P-92	Intersection	INT	9/4/14	4:02 PM	3x4	P	LD	120	09/11/14	JT	AF	PASS	
PD131	9/3/14	P-91/P-93/P-94	Intersection	INT	9/4/14	4:39 PM	2x2	P	LD	120	09/12/14	AV	BM	PASS	
PD132	9/3/14	P-91/P-92/P-94	Intersection	INT	9/4/14	4:25 PM	2x3	P	JT	103	09/12/14	AV	BM	PASS	
PD133	9/3/14	P-89/P-92	PDF-33	DF	9/7/14	1:20 PM	2x8	P	AR	120	09/12/14	AV	BM	PASS	Covers PD127
PD134	9/3/14	P-66/P-92/P-94	Intersection	INT	9/4/14	3:55 PM	2x3	P	JT	103	09/12/14	AV	BM	PASS	
PD135	9/3/14	P-92/P-94	79' E of W EOS	WR	9/4/14	4:20 PM	2x5	P	JT	103	09/12/14	AV	BM	PASS	
PD136	9/4/14	P-66/P-95	PDF-34	DF	9/4/14	5:00 PM	2x5	P	JT	103	09/12/14	AV	BM	PASS	
PD137	9/4/14	P-101/P-102	PDF-35	DF	9/4/14	5:10 PM	2x10	P	PL	108	09/12/14	AV	BM	PASS	
PD138	9/4/14	P-91/P-104	PDF-36	DF	9/8/14	1:20 PM	2x12	P	LD	120	09/12/14	AV	BM	PASS	Covers PD201
PD139	9/4/14	P-106/P-109	PDF-37	DF	9/8/14	3:43 PM	2x5	P	LD	120	09/12/14	AV	BM	PASS	
PD140	9/4/14	P-113/P-115	PDF-38	DF	9/9/14	3:36 PM	2x5	P	PL	108	09/12/14	AV	BM	PASS	
PD141	9/4/14	P-115/P-118	PDF-39	DF	9/9/14	3:23 PM	2x5	P	PL	108	09/12/14	AV	BM	PASS	
PD142	9/4/14	P-116/P-119	PDF-40	DF	9/9/14	3:43 PM	2x8	P	LD	120	09/12/14	AV	BM	PASS	Covers PD186
PD143	9/4/14	P-66/P-94/P-95	Intersection	INT	9/4/14	4:00 PM	3x3	P	JT	103	09/12/14	AV	BM	PASS	
PD144	9/4/14	P-94/P-95/P-96	Intersection	INT	9/4/14	4:53 PM	2x2	P	JT	103	09/12/14	AV	BM	PASS	
PD145	9/4/14	P-94/P-96/P-98	Intersection	INT	9/4/14	4:50 PM	2x2	P	JT	103	09/12/14	AV	BM	PASS	
PD146	9/4/14	P-94/P-98/P-99	Intersection	INT	9/4/14	4:45 PM	2x2	P	JT	103	09/12/14	AV	BM	PASS	
PD147	9/4/14	P-94/P-99/P-100	Intersection	INT	9/7/14	1:55 PM	2x2	P	AR	103	09/12/14	AV	BM	PASS	
PD148	9/4/14	P-96/P-97/P-98	Intersection	INT	9/7/14	4:38 PM	2x4	P	PL	108	09/12/14	AV	BM	PASS	
PD149	9/4/14	P-95/P-96/P-97	Intersection	INT	9/7/14	4:47 PM	2x8	P	PL	108	09/12/14	AV	BM	PASS	
PD150	9/4/14	P-96/P-97	At crest	WR	9/4/14	4:38 PM	2x4	P	PL	108	09/12/14	AV	BM	PASS	
PD151	9/4/14	P-97/P-98	15' N of S EOS	BO	9/4/14	4:47 PM	2x8	P	PL	108	09/12/14	AV	BM	PASS	
PD152	9/4/14	P-94/P-100/P-101	Intersection	INT	9/4/14	4:26 PM	3x4	P	LD	120	09/12/14	AV	BM	PASS	
PD153	9/4/14	P-93/P-94/P-101	Intersection	INT	9/4/14	4:32 PM	2x2	P	LD	120	09/12/14	AV	BM	PASS	
PD154	9/4/14	P-93/P-101/P-102	Intersection	INT	9/4/14	5:01 PM	2x10	P	LD	120	09/12/14	AV	BM	PASS	
PD155	9/4/14	P-91/P-93/P-102	Intersection	INT	9/4/14	5:25 PM	2x13	P	LD	120	09/12/14	AV	BM	PASS	
PD156	9/4/14	P-91/P-102/P-103/P-104	Intersection	INT	9/8/14	12:46 PM	2x6	P	LD	120	09/12/14	AV	BM	PASS	
PD157	9/4/14	P-103/P-104/P-106	Intersection	INT	9/8/14	8:47 AM	2x2	P	LD	120	09/12/14	AV	BM	PASS	
PD158	9/4/14	P-89/P-91/P-104	Intersection	INT	Covered by PD159										
PD159	9/4/14	P-89/P-104	Entire Seam	FS	9/9/14	11:08 AM	3x3	C	LD	120	09/12/14	AV	BM	PASS	Covers PD158 & PD160
PD160	9/4/14	P-89/P-90/P-104/P-106	Intersection	INT	Covered by PD159										
PD161	9/4/14	P-120/P-121	PDF-41	DF	9/9/14	3:14 PM	2x5	P	PL	108	09/12/14	AV	BM	PASS	
PD162	9/4/14	P-121/P-122	PDF-42	DF	9/9/14	3:05 PM	2x5	P	PL	108	09/12/14	AV	BM	PASS	
PD163	9/4/14	P-103/P-105/P-106	Intersection	INT	9/11/14	3:35 PM	2x3	P	LD	120	09/12/14	AV	BM	PASS	
PD164	9/4/14	P-102/P-103/P-105	Intersection	INT	9/11/14	3:24 PM	2x3	P	LD	120	09/12/14	AV	BM	PASS	
PD165	9/4/14	P-86/P-87/P-89	Intersection	INT	9/9/14	11:23 AM	2x3	P	LD	120	09/12/14	AV	BM	PASS	
PD166	9/4/14	P-86/P-90/P-106/P-107/P-108	Intersection	INT	9/9/14	11:47 AM	3x8	P	LD	120	09/12/14	AV	BM	PASS	

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD167	9/4/14	P-121/P-122	295' N of S EOS	BO	9/11/14	12:51 PM	2x2	P	LD	120	09/12/14	AV	BM	PASS	
PD168	9/4/14	P-107/P-108/P-110	Intersection	INT	9/9/14	12:19 PM	2x2	P	LD	120	09/12/14	AV	BM	PASS	
PD169	9/4/14	P-107/P-110	8' N of S EOS	WR	9/9/14	12:07 PM	2x13	P	LD	120	09/12/14	AV	BM	PASS	Covers PD253
PD170	9/4/14	P-86/P-107/P-110	Intersection	INT	9/9/14	12:29 PM	2x6	P	LD	120	09/12/14	AV	BM	PASS	
PD171	9/4/14	P-84/P-85/P-86/P-110	Intersection	INT	9/9/14	12:36 PM	2x4	P	LD	120	09/12/14	AV	BM	PASS	
PD172	9/4/14	P-84/P-110/P-113	Intersection	INT	Covered by PD173										
PD173	9/4/14	P-84/P-113	Entire Seam	FS	9/9/14	2:02 PM	2x10	C	LD	120	09/12/14	AV	BM	PASS	Covers PD172 & PD174
PD174	9/4/14	P-84/P-112/P-113	Intersection	INT	Covered by PD173										
PD175	9/4/14	P-79/P-80	250' W of E EOS	PT	Covered by PD107										
PD176	9/4/14	P-112/P-113/P-115	Intersection	INT	9/9/14	2:23 PM	2x3	P	LD	120	09/12/14	AV	BM	PASS	
PD177	9/4/14	P-112/P-114/P-115	Intersection	INT	9/9/14	2:31 PM	2x3	P	LD	120	09/12/14	AV	BM	PASS	
PD178	9/4/14	P-83/P-84/P-112	Intersection	INT	9/9/14	2:13 PM	3x4	P	LD	120	09/12/14	AV	BM	PASS	
PD179	9/4/14	P-83/P-112/P-114	Intersection	INT	9/9/14	2:40 PM	2x3	P	LD	120	09/12/14	AV	BM	PASS	
PD180	9/4/14	P-95/P-97	N EOS to 2' S	PT	9/4/14	4:43 PM	2x2	P	PL	108	09/12/14	AV	BM	PASS	
PD181	9/4/14	P-92	5' N of E EOS/3' W	DO	9/4/14	4:30 PM	2x5	P	JT	103	09/12/14	AV	BM	PASS	
PD182	9/4/14	P-82/P-83/P-114	Intersection	INT	9/9/14	3:05 PM	3x10	P	LD	120	09/12/14	AV	BM	PASS	
PD183	9/4/14	P-82/P-114/P-117	Intersection	INT	Covered by PD184										
PD184	9/4/14	P-82/P-117	Entire Seam	FS	9/9/14	3:31 PM	2x10	C	LD	120	09/12/14	AV	BM	PASS	Covers PD183 & PD185
PD185	9/4/14	P-82/P-116/P-117	Intersection	INT	Covered by PD184										
PD186	9/4/14	P-116/P-117/P-119	Intersection	INT	Covered by PD142										
PD187	9/4/14	P-114/P-115/P-117	Intersection	INT	Covered by PD202										
PD188	9/4/14	P-115/P-117/P-118	Intersection	INT	9/11/14	2:54 PM	2x5	P	LD	120	09/12/14	AV	BM	PASS	
PD189	9/4/14	P-117/P-118/P-119	Intersection	INT	9/11/14	3:05 PM	2x3	P	LD	120	09/12/14	AV	BM	PASS	
PD190	9/4/14	P-110/P-111/P-113	Intersection	INT	9/11/14	4:17 PM	2x5	P	LD	120	09/12/14	AV	BM	PASS	
PD191	9/4/14	P-109/P-110/P-111	Intersection	INT	9/11/14	4:11 PM	2x5	P	LD	120	09/12/14	AV	BM	PASS	
PD192	9/4/14	P-108/P-109/P-110	Intersection	INT	9/11/14	3:40 PM	2x4	P	PL	108	09/12/14	AV	BM	PASS	
PD193	9/4/14	P-106/P-108/P-109	Intersection	INT	9/11/14	3:12 PM	2x4	P	LD	120	09/12/14	AV	BM	PASS	
PD194	9/4/14	P-101	5' S of N EOS/3' W	DO	9/4/14	4:45 PM	2x2	P	LD	120	09/12/14	AV	BM	PASS	
PD195	9/4/14	P-98/P-99	At crest	WR	9/4/14	4:38 PM	2x4	P	PL	108	09/12/14	AV	BM	PASS	
PD196	9/4/14	P-122/P-123	PDF-43	DF	9/11/14	12:45 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD197	9/4/14	P-109/P-111	2' N of S EOS	PT	9/11/14	4:58 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD198	9/4/14	P-127/P-129	PDF-44	DF	9/11/14	8:17 AM	3x5	P	LD	120	09/14/14	AV	BM	PASS	
PD199	9/4/14	P-115/P-118	At crest	WR	9/11/14	5:06 PM	3x3	P	LD	120	09/14/14	AV	BM	PASS	
PD200	9/6/14	P-129/P-130	PDF-45	DF	9/11/14	11:06 AM	2x5	P	LD	120	09/12/14	AV	BM	PASS	
PD201	9/6/14	P-89/P-91	10' W of E EOS	PT	Covered by D138										
PD202	9/6/14	P-115/P-117	25' N of S EOS	IO	9/11/14	2:45 PM	2x8	P	LD	120	09/12/14	AV	BM	PASS	Covers PD181
PD203	9/6/14	P-123/P-124/P-125	Intersection	INT	9/11/14	12:15 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD204	9/6/14	P-125/P-126/P-127	Intersection	INT	9/11/14	11:23 AM	2x3	P	LD	120	09/14/14	AV	BM	PASS	
PD205	9/6/14	P-126/P-127/P-128	Intersection	INT	9/11/14	11:17 AM	2x4	P	LD	120	09/14/14	AV	BM	PASS	
PD206	9/6/14	P-127/P-128/P-129	Intersection	INT	9/11/14	11:13 AM	2x3	P	LD	120	09/14/14	AV	BM	PASS	
PD207	9/6/14	P-130/P-131/P-132	Intersection	INT	9/9/14	3:55 PM	2x2	P	AR	103	09/14/14	AV	BM	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD208	9/6/14	P-131/P-132/P-133/P-138	Intersection	INT	9/9/14	3:40 PM	2x3	P	AR	103	09/12/14	AV	BM	PASS	
PD209	9/6/14	P-133/P-137/P-138	Intersection	INT	9/9/14	3:25 PM	2x3	P	AR	103	09/12/14	AV	BM	PASS	
PD210	9/6/14	P-133/P-136/P-137	Intersection	INT	9/9/14	3:13 PM	2x2	P	AR	103	09/12/14	AV	BM	PASS	
PD211	9/6/14	P-133/P-134/P-136	Intersection	INT	9/9/14	3:10 PM	3x3	P	AR	103	09/12/14	AV	BM	PASS	
PD212	9/6/14	P-134/P-135/P-136	Intersection	INT	9/9/14	3:00 PM	2x2	P	AR	103	09/12/14	AV	BM	PASS	
PD213	9/6/14	P-135/P-136	3' W of E EOS	W	9/9/14	2:50 PM	3x3	P	AR	103	09/12/14	AV	BM	PASS	
PD214	9/6/14	P-138/P-140	PDF-46	DF	9/9/14	2:25 PM	2x4	P	AR	103	09/12/14	AV	BM	PASS	
PD215	9/6/14	P-136/P-137	At crest	WR	9/9/14	2:35 PM	2x4	P	AR	103	09/12/14	AV	BM	PASS	
PD216	9/6/14	P-131/P-138/P-139/P-140	Intersection	INT	9/11/14	8:36 AM	3x5	P	LD	120	09/12/14	AV	BM	PASS	
PD217	9/6/14	P-130/P-131/P-139/P-141	Intersection	INT	9/11/14	8:47 AM	2x6	P	LD	120	09/12/14	AV	BM	PASS	
PD218	9/6/14	P-139/P-140/P-141	Intersection	INT	9/11/14	8:42 AM	2x2	P	LD	120	09/12/14	AV	BM	PASS	
PD219	9/6/14	P-130/P-141/P-142/P-143	Intersection	INT	9/11/14	10:58 AM	2x6	P	LD	120	09/12/14	AV	BM	PASS	
PD220	9/6/14	P-141/P-143	PDF-47	DF	9/11/14	11:37 AM	2x5	P	LD	120	09/12/14	AV	BM	PASS	
PD221	9/7/14	P-85/P-87	PDF-32	DF	9/7/14	2:20 PM	2x5	P	AR	120	09/12/14	AV	BM	PASS	
PD222	9/8/14	P-143/P-144	At crest	WR	9/11/14	2:58 PM	3x5	P	PL	108	09/12/14	AV	BM	PASS	
PD223	9/8/14	P-144/P-145	PDF-48	DF	9/11/14	11:42 AM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD224	9/8/14	P-128/P-144	PDF-49	DF	Covered by PD255										
PD225	9/9/14	P-149/P-151	PDF-50	DF	9/11/14	3:56 PM	2x5	P	PL	108	09/14/14	AV	BM	PASS	
PD226	9/9/14	P-149/P-151	177' W of E EOS	WR	9/11/14	3:43 PM	2x6	P	PL	108	09/14/14	AV	BM	PASS	
PD227	9/9/14	P-149/P-151	At crest	WR	9/11/14	3:10 PM	3x7	P	PL	108	09/14/14	AV	BM	PASS	
PD228	9/9/14	P-145/P-147/P-148	Intersection	INT	9/11/14	11:46 AM	2x4	P	LD	120	09/14/14	AV	BM	PASS	
PD229	9/9/14	P-147/P-148/P-149	Intersection	INT	9/11/14	11:54 AM	2x4	P	LD	120	09/14/14	AV	BM	PASS	
PD230	9/9/14	P-142/P-143/P-144	Intersection	INT	9/11/14	11:31 AM	2x4	P	LD	120	09/14/14	AV	BM	PASS	
PD231	9/9/14	P-128/P-129/P-130/P-142	Intersection	INT	Covered by D255										
PD232	9/9/14	P-128/P-142/P-144	Intersection	INT	Covered by D255										
PD233	9/9/14	P-128/P-144/P-145	Intersection	INT	9/11/14	10:22 AM	2x4	P	LD	120	09/14/14	AV	BM	PASS	
PD234	9/9/14	P-126/P-128/P-145	Intersection	INT	9/11/14	10:15 AM	2x4	P	LD	120	09/14/14	AV	BM	PASS	
PD235	9/9/14	P-126/P-145/P-146/P-147	Intersection	INT	9/11/14	10:04 AM	2x4	P	LD	120	09/14/14	AV	BM	PASS	
PD236	9/9/14	P-146/P-147/P-149	Intersection	INT	9/11/14	12:04 PM	2x2	P	LD	120	09/14/14	AV	BM	PASS	
PD237	9/9/14	P-126/P-146/P-149	Intersection	INT	9/11/14	10:01 AM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD238	9/9/14	P-124/P-125/P-126/P-149	Intersection	INT	9/11/14	9:51 AM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD239	9/9/14	P-124/P-149/P-151	Intersection	INT	Covered by PD258										
PD240	9/9/14	P-150/P-151/P-152	Intersection	INT	9/11/14	12:27 PM	2x4	P	LD	120	09/14/14	AV	BM	PASS	
PD241	9/9/14	P-123/P-124/P-150/P-152	Intersection	INT	Covered by PD260										
PD242	9/9/14	P-123/P-152/P-153	Intersection	INT	9/11/14	9:03 AM	2x4	P	LD	120	09/14/14	AV	BM	PASS	
PD243	9/9/14	P-123/P-153/P-154	Intersection	INT	9/11/14	8:57 AM	2x4	P	LD	120	09/14/14	AV	BM	PASS	
PD244	9/9/14	P-122/P-123/P-153	Intersection	INT	Covered by PD249										
PD245	9/9/14	P-122/P-153/P-155	Intersection	INT	Covered by PD249										
PD246	9/9/14	P-153/P-154/P-155	Intersection	INT	9/11/14	12:55 PM	2x3	P	LD	120	09/14/14	AV	BM	PASS	
PD247	9/9/14	P-123/P-152	PDF-51	DF	Covered by PD260										
PD248	9/9/14	P-154/P-155	PDF-52	DF	9/11/14	3:35 PM	2x5	P	PL	108	09/14/14	AV	BM	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD249	9/9/14	P-122/P-153	Entire Seam	FS	9/14/14	9:30 AM	3x7	C	OT	120	09/16/14	AV	BM	PASS	Covers PD244 & PD245
PD250	9/9/14	P-155/P-156	316' W of E EOS	WR	9/15/14	4:10 PM	5x5	P	LD	120	09/16/14	AV	BM	PASS	
PD251	9/9/14	P-157/P-158	PDF-53	DF	9/14/14	3:30 PM	2x5	P	PL	108	09/14/14	AV	BM	PASS	
PD252	9/9/14	P-156/P-157	PDF-54	DF	9/14/14	4:18 PM	2x5	P	PL	108	09/14/14	AV	BM	PASS	
PD253	9/9/14	P-107	15' E of W EOS/3' N	DO	Covered by PD169										
PD254	9/10/14	P-158/P-159	PDF-55	DF	9/14/14	3:59 PM	2x5	P	PL	108	09/14/14	AV	BM	PASS	
PD255	9/10/14	P-128/P-142	Entire Seam	FS	9/11/14	10:51 AM	2x15	C	LD	120	09/14/14	AV	BM	PASS	Covers PD224, PD231 & PD232
PD256	9/10/14	P-161/P-162	PDF-56	DF	9/11/14	5:23 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD257	9/10/14	P-162/P-163	PDF-57	DF	9/11/14	5:40 PM	3x5	P	PL	108	09/14/14	AV	BM	PASS	
PD258	9/10/14	P-124/P-151	Entire Seam	FS	9/11/14	9:42 AM	2x8	C	LD	120	09/14/14	AV	BM	PASS	Covers PD239 & PD259
PD259	9/10/14	P-124/P-150/P-151	Intersection	INT	Covered by PD258										
PD260	9/10/14	P-124/P-152	Entire Seam	FS	9/11/14	9:17 AM	2x14	C	LD	120	09/14/14	AV	BM	PASS	Covers PD241, PD247 & PD 261
PD261	9/10/14	P-123/P-124/P-152	Intersection	INT	Covered by PD260										
PD262	9/10/14	P-163/P-164	PDF-58	DF	9/11/14	4:48 PM	2x5	P	PL	108	09/14/14	AV	BM	PASS	
PD263	9/10/14	P-156/P-157	W EOS to 15' E	PT	9/13/14	2:17 PM	2x2	P	LD	120	09/13/14	AV	BM	PASS	
PD264	9/10/14	P-164/P-165	PDF-59	DF	9/11/14	5:10 PM	2x5	P	PL	108	09/14/14	AV	BM	PASS	
PD265	9/9/14	P-82	20' W of E EOS/10' S	DO	9/9/14	3:50 PM	3x5	P	LD	120	09/12/14	AV	BM	PASS	
PD266	9/9/14	P-82	18' W of E EOS/6' S	DO	9/9/14	3:58 PM	2x3	P	LD	120	09/12/14	AV	BM	PASS	
PD267	9/9/14	P-164/P-165	275' W of E EOS	BO	9/11/14	4:52 PM	2x5	P	PL	108	09/14/14	LD	BM	PASS	
PD268	9/9/14	P-166/P-167	PDF-60	DF	9/16/14	11:38 AM	3X7	P	LD	120	09/16/14	AV	BM	PASS	Covers PD268
PD269	9/9/14	P-168/P-169	PDF-61	DF	9/16/14	8:52 AM	2X5	P	LD	120	09/16/14	AV	BM	PASS	
PD270	9/9/14	P-169/P-170	PDF-62	DF	9/16/14	9:01 AM	2X5	P	LD	120	09/16/14	AV	BM	PASS	
PD271	9/9/14	P-170/P-171	PDF-63	DF	9/16/14	9:30 AM	2X5	P	LD	120	09/16/14	AV	BM	PASS	
PD272	9/11/14	P-170/P-171	285' W of E EOS	WR	9/13/14	9:36 AM	2x5	P	LD	120	09/14/14	LD	BM	PASS	
PD273	9/11/14	P-171/P-172	PDF-64	DF	9/16/14	9:40 AM	2x5	P	LD	120	09/16/14	AV	BM	PASS	Covers PD362
PD274	9/11/14	P-123/PD260	PDX-2	DX	9/11/14	12:39 PM	2x5	P	LD	120	09/14/14	LD	BM	PASS	
PD275	9/11/14	P-167/P-168	At crest	WR	9/11/14	8:41 AM	3x6	P	LD	120	09/14/14	LD	BM	PASS	
PD276	9/11/14	P-174/P-175	PDF-65	DF	9/13/14	9:11 AM	2x5	P	LD	120	09/14/14	LD	BM	PASS	
PD277	9/11/14	P-124	12' N of S EOS/7' W	DO	9/11/14	12:20 PM	2x2	P	LD	120	09/14/14	LD	BM	PASS	
PD278	9/11/14	P-175/P-176	PDF-66	DF	9/13/14	9:17 AM	2x5	P	LD	120	09/14/14	LD	BM	PASS	
PD279	9/11/14	P-102/P-105	At crest	WR	9/11/14	5:13 PM	2x3	P	LD	120	09/12/14	AV	BM	PASS	
PD280	9/13/14	P-177/P-179	At crest	WR	Covered by PD281										
PD281	9/13/14	P-177/P-179	PDF-67	DF	9/13/14	4:41 PM	2x8	P	LD	120	09/14/14	LD	BM	PASS	Covers PD280
PD282	9/13/14	P-179/P-180	PDF-68	DF	9/13/14	4:46 PM	2x5	P	LD	120	09/14/14	LD	BM	PASS	
PD283	9/13/14	P-180/P-181	PDF-69	DF	9/13/14	3:14 PM	2x5	P	LD	120	09/14/14	LD	BM	PASS	
PD284	9/13/14	P-183/P-184	PDF-70	DF	9/13/14	3:20 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD285	9/13/14	P-182/P-183	190' W of E EOS	BO	9/13/14	5:48 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD286	9/13/14	P-184/P-185	PDF-71	DF	9/13/14	3:24 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD287	9/13/14	P-187/P-188	At crest	WR	9/13/14	4:21 PM	2x6	P	LD	120	09/14/14	AV	BM	PASS	
PD288	9/13/14	P-187/P-188	PDF-72	DF	9/13/14	3:30 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD289	9/13/14	P-188/P-189	PDF-73	DF	9/13/14	3:34 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
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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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD290	9/13/14	P-191/P-192	PDF-74	DF	9/13/14	3:38 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD291	9/13/14	P-192/P-193	At crest	WR	9/13/14	4:09 PM	3x5	P	LD	120	09/14/14	AV	BM	PASS	
PD292	9/13/14	P-195/P-196	PDF-75	DF	9/13/14	3:54 PM	2x6	P	LD	120	09/14/14	AV	BM	PASS	
PD293	9/13/14	P-122/P-155	Entire Seam	FS	9/13/14	11:08 AM	2x15	C	LD	120	09/13/14	AV	BM	PASS	Covers PD295
PD294	9/13/14	P-197/P-198	PDF-76	DF	9/13/14	4:57 PM	2x5	P	LD	120	09/13/14	AV	BM	PASS	
PD295	9/13/14	P-121/P-122/P-155/P-178	Intersection	INT	Covered by PD293										
PD296	9/13/14	P-121	4' S of N EOS/9' W	DO	9/13/14	11:12 AM	2x2	P	LD	120	09/13/14	AV	BM	PASS	
PD297	9/13/14	P-120/P-121/P-178	Intersection	INT	9/13/14	11:24 AM	2x2	P	LD	120	09/13/14	AV	BM	PASS	
PD298	9/13/14	P-119/P-120/P-178	Intersection	INT	9/13/14	11:40 AM	2x2	P	LD	120	09/13/14	AV	BM	PASS	
PD299	9/13/14	P-116/P-119/P-178/P-214	Intersection	INT	9/13/14	12:03 PM	3x6	P	LD	120	09/13/14	AV	BM	PASS	
PD300	9/13/14	P-196/P-197	147' W of E EOS	WR	9/13/14	5:34 PM	3x5	P	LD	120	09/14/14	AV	BM	PASS	
PD301	9/13/14	P-116	20' N of S EOS/2' W	DO	9/13/14	1:21 PM	2x2	P	LD	120	09/13/14	AV	BM	PASS	
PD302	9/13/14	P-81/P-82/P-116/P-119/P-214	Intersection	INT	9/13/14	1:34 PM	3x10	P	LD	120	09/13/14	AV	BM	PASS	
PD303	9/13/14	P-81/P-178/P-214	Intersection	INT	9/13/14	1:39 PM	2x3	P	LD	120	09/13/14	AV	BM	PASS	
PD304	9/13/14	P-201/P-202	PDF-77	DF	9/13/14	5:05 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD305	9/13/14	P-202/P-203	PDF-78	DF	9/13/14	5:11 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD306	9/13/14	P-207/P-208	PDF-79	DF	9/26/14	2:06 PM	2x5	P	LD	116	09/29/14	JR	NA	PASS	
PD307	9/13/14	P-210/P-211	PDF-80	DF	9/13/14	5:20 PM	2x5	P	LD	120	09/14/14	AV	BM	PASS	
PD308	9/14/14	P-80/P-81/P-178	Intersection	INT	Covered by PD309										
PD309	9/14/14	P-80/P-81	E EOS to 7' W of E EOS	FS	9/15/14	9:20 AM	2x12	C	OT	120	09/16/14	AV	BM	PASS	Covers PD308
PD310	9/14/14	P-155/P-156/P-178/P-215	Intersection	INT	9/15/14	11:34 AM	3x6	P	LD	120	09/16/14	AV	BM	PASS	
PD311	9/14/14	P-156/P-157/P-215/P-216	Intersection	INT	9/15/14	11:42 AM	2x6	P	LD	120	09/16/14	AV	BM	PASS	
PD312	9/14/14	P-157/P-158/P-216/P-217	Intersection	INT	9/15/14	11:49 AM	2x6	P	LD	120	09/16/14	AV	BM	PASS	
PD313	9/14/14	P-158/P-159/P-217/P-218	Intersection	INT	9/15/14	11:55 AM	2x6	P	LD	120	09/16/14	AV	BM	PASS	
PD314	9/14/14	P-217/P-218/P-219	Intersection	INT	9/15/14	2:07 PM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD315	9/14/14	P-218/P-219/P-220	Intersection	INT	9/15/14	2:02 PM	2x3	P	LD	120	09/16/14	AV	BM	PASS	
PD316	9/14/14	P-159/P-160/P-218/P-220	Intersection	INT	9/15/14	12:06 PM	2x6	P	LD	120	09/16/14	AV	BM	PASS	
PD317	9/14/14	P-160/P-161/P-220/P-221	Intersection	INT	Covered by PD335										
PD318	9/14/14	P-161/P-162/P-221/P-222	Intersection	INT	9/15/14	1:49 PM	2x6	P	LD	120	09/16/14	AV	BM	PASS	
PD319	9/14/14	P-221/P-222/P-223	Intersection	INT	9/15/14	3:49 PM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD320	9/14/14	P-19/P-20/P-221/P-223	Intersection	INT	9/15/14	3:45 PM	2x3	P	LD	120	09/16/14	AV	BM	PASS	
PD321	9/14/14	P-20/P-21/P-221	Intersection	INT	Covered by PD340										
PD322	9/14/14	P-21/P-221	Entire Seam	FS	Covered by PD340										
PD323	9/14/14	P-21/P-220/P-221	Intersection	INT	Covered by PD340										
PD324	9/14/14	P-21/P-22/P-220	Intersection	INT	9/15/14	2:38 PM	2x3	P	LD	120	09/16/14	AV	BM	PASS	
PD325	9/14/14	P-22/P-219/P-220	Intersection	INT	9/15/14	2:42 PM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD326	9/14/14	P-22/P-77/P-219	Intersection	INT	9/15/14	2:47 PM	2x3	P	LD	120	09/16/14	AV	BM	PASS	
PD327	9/14/14	P-77/P-217/P-219	Intersection	INT	9/15/14	3:00 PM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD328	9/14/14	P-77/P-78/P-217	Intersection	INT	9/15/14	3:03 PM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD329	9/14/14	P-78/P-216/P-217	Intersection	INT	9/15/14	3:09 PM	2x3	P	LD	120	09/16/14	AV	BM	PASS	
PD330	9/14/14	P-78/P-79/P-216	Intersection	INT	9/15/14	3:14 PM	2x3	P	LD	120	09/16/14	AV	BM	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
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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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD331	9/14/14	P-79/P-215/P-216	Intersection	INT	9/15/14	3:24 PM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD332	9/14/14	P-79/P-80/P-215	Intersection	INT	9/15/14	3:30 PM	2x6	P	LD	120	09/16/14	AV	BM	PASS	
PD333	9/14/14	P-80/P-178/P-215	Intersection	INT	9/15/14	3:37 PM	2x5	P	LD	120	09/16/14	AV	BM	PASS	
PD334	9/14/14	P-220/P-221	PDF-81	DF	9/15/14	1:57 PM	2x6	P	LD	120	09/16/14	AV	BM	PASS	
PD335	9/14/14	P-160/P-220	PDF-82	DF	9/15/14	1:43 PM	2x9	P	LD	120	09/16/14	AV	BM	PASS	Covers PD-317
PD336	9/15/14	P-179/P-180	30' W of E EOS	BO	9/15/14	9:19 AM	2x2	P	LD	120	09/15/14	AV	BM	PASS	
PD337	9/15/14	P-225/P-227	PDF-83	DF	9/16/14	5:13 PM	2x5	P	LD	120	09/15/14	AV	BM	PASS	
PD338	9/15/14	P-21/P-220	9' S of N EOS	PT	9/15/14	2:33 PM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD339	9/15/14	P-227/P-229	PDF-84	DF	9/17/14	5:20 PM	2x5	P	LD	120	09/18/14	AV	BM	PASS	
PD340	9/15/14	P-20/P-221	N EOS to 12' S	FS	9/15/14	2:26 PM	2x18	C	LD	120	09/18/14	AV	BM	PASS	Covers PD-321, PD-322 & PD323
PD341	9/15/14	P-235/P-236	PDF-85	DF	9/17/14	5:20 PM	2x5	P	LD	120	09/18/14	AV	BM	PASS	
PD342	9/15/14	P-237/P-238	PDF-86	DF	9/15/14	2:26 PM	2x10	P	LD	120	09/18/14	AV	BM	PASS	Covers PD-373
PD343	9/15/14	P-81/P-82/P-116	Intersection	INT	9/15/14	10:58 AM	8x8	P	LD	120	09/16/14	AV	BM	PASS	
PD344	9/15/14	P-215	15' N of S EOS/2' W	DO	9/15/14	11:36 AM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD345	9/15/14	P-162	4' N of S EOS/3' E	DO	9/15/14	1:53 PM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD346	9/15/14	P-242/P-243	PDF-87	DF	9/17/14	4:17 PM	2x5	P	LD	120	09/18/14	AV	BM	PASS	
PD347	9/15/14	P-162/P-163/P-222/P-224	Intersection	INT	9/16/14	10:56 AM	5x5	P	LD	120	09/16/14	AV	BM	PASS	
PD348	9/15/14	P-222/P-223/P-224	Intersection	INT	9/15/14	3:54 PM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD349	9/15/14	P-18/P-223/P-224	Intersection	INT	Covered by PD350										
PD350	9/15/14	P-18/P-223	Entire Seam	FS	9/16/14	3:37 PM	2x8	C	PL	108	09/17/14	AV	BM	PASS	Covers PD349 & PD351
PD351	9/15/14	P-18/P-19/P-223	Intersection	INT	Covered by PD350										
PD352	9/15/14	P-163/P-164/P-224/P-225	Intersection	INT	9/16/14	11:02 AM	2x5	P	LD	120	09/16/14	AV	BM	PASS	
PD353	9/15/14	P-164/P-165/P-225/P-227	Intersection	INT	9/16/14	11:16 AM	2x5	P	LD	120	09/16/14	AV	BM	PASS	
PD354	9/15/14	P-165/P-166/P-227/P-229	Intersection	INT	9/16/14	11:24 AM	2x4	P	LD	120	09/16/14	AV	BM	PASS	
PD355	9/15/14	P-166/P-167/P-229/P-230	Intersection	INT	Covered by PD268										
PD356	9/15/14	P-167/P-168/P-230/P-231	Intersection	INT	9/16/14	11:42 AM	2x3	P	LD	120	09/16/14	AV	BM	PASS	
PD357	9/15/14	P-168/P-169/P-231/P-233	Intersection	INT	9/16/14	11:50 AM	2x3	P	LD	120	09/16/14	AV	BM	PASS	
PD358	9/15/14	P-169/P-170/P-233/P-235	Intersection	INT	9/16/14	11:56 AM	2x5	P	LD	120	09/16/14	AV	BM	PASS	
PD359	9/15/14	P-170/P-171/P-235/P-236	Intersection	INT	9/16/14	12:02 PM	2x4	P	LD	120	09/16/14	AV	BM	PASS	
PD360	9/15/14	P-244/P-245	PDF-88	DF	9/16/14	4:08 PM	2x7	P	LD	103	09/18/14	AV	BM	PASS	Covers PD381
PD361	9/15/14	P-171/P-236/P-239	Intersection	INT	9/16/14	1:41 PM	3x5	P	LD	120	09/16/14	AV	BM	PASS	
PD362	9/15/14	P-171/P-172/P-239	Intersection	INT	Covered by PD273										
PD363	9/15/14	P-227/P-228/P-229	Intersection	INT	9/16/14	5:35 PM	2x3	P	LD	103	09/18/14	AV	BM	PASS	
PD364	9/15/14	P-228/P-229/P-230	Intersection	INT	9/16/14	5:43 PM	2x3	P	LD	103	09/18/14	AV	BM	PASS	
PD365	9/15/14	P-230/P-231/P-232	Intersection	INT	9/16/14	5:48 PM	2x4	P	LD	103	09/18/14	AV	BM	PASS	
PD366	9/15/14	P-231/P-232/P-234	Intersection	INT	9/16/14	5:56 PM	2x3	P	LD	103	09/18/14	AV	BM	PASS	
PD367	9/15/14	P-231/P-233/P-234	Intersection	INT	9/16/14	6:02 PM	2x3	P	LD	103	09/18/14	AV	BM	PASS	
PD368	9/15/14	P-233/P-234/P-235	Intersection	INT	9/17/14	9:10 AM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD369	9/15/14	P-235/P-236/P-237	Intersection	INT	9/17/14	9:15 AM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD370	9/15/14	P-247/P-248	PDF-89	DF	9/17/14	9:17 AM	2x5	P	LD	103	09/18/14	AV	BM	PASS	Covers PD451
PD371	9/15/14	P-236/P-237/P-239	Intersection	INT	9/17/14	9:20 AM	2x2	P	LD	103	09/18/14	AV	BM	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD372	9/15/14	P-235/P-237/P-238	Intersection	INT	9/17/14	9:21 AM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD373	9/15/14	P-237/P-238/P-239	Intersection	INT	Covered by PD342										
PD374	9/15/14	P-239/P-240/P-241	Intersection	INT	9/17/14	5:55 PM	2x4	P	LD	103	09/18/14	AV	BM	PASS	
PD375	9/15/14	P-240/P-241/P-242	Intersection	INT	9/18/14	9:57 AM	2x3	P	LD	103	09/18/14	AV	BM	PASS	
PD376	9/15/14	P-243/P-245/P-246	Intersection	INT	9/17/14	3:55 PM	2x3	P	LD	103	09/18/14	AV	BM	PASS	
PD377	9/15/14	P-245/P-246/P-248	Intersection	INT	9/17/14	3:48 PM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD378	9/15/14	P-246/P-247/P-248	Intersection	INT	9/17/14	3:33 PM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD379	9/15/14	P-243/P-246/P-247	Intersection	INT	9/17/14	3:28 PM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD380	9/15/14	P-243/P-244/P-245	Intersection	INT	9/17/14	4:01 PM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD381	9/15/14	P-244/P-245/P-248	Intersection	INT	Covered by PD360										
PD382	9/15/14	P-172/P-239/P-240	Intersection	INT	Covered by PD383										
PD383	9/15/14	P-172/P-240	Entire Seam	FS	9/16/14	2:12 PM	2x10	C	LD	120	09/16/14	AV	BM	PASS	
PD384	9/15/14	P-172/P-173/P-240	Intersection	INT	Covered by PD383										
PD385	9/15/14	P-173/P-240/P-242	Intersection	INT	Covered by PD386										
PD386	9/15/14	P-173/P-242	Entire Seam	FS	9/16/14	2:26 PM	2x10	C	LD	120	09/16/14	AV	BM	PASS	Covers PD385 & PD387
PD387	9/15/14	P-173/P-174/P-242	Intersection	INT	Covered by PD386										
PD388	9/15/14	P-174/P-242/P-243	Intersection	INT	Covered by PD389										
PD389	9/15/14	P-174/P-243	Entire Seam	FS	9/16/14	3:16 PM	2x10	C	LD	120	09/16/14	AV	BM	PASS	Covers PD388 & PD390
PD390	9/15/14	P-174/P-175/P-243	Intersection	INT	Covered by PD389										
PD391	9/15/14	P-171	10' N of S EOS/1' E	DO	9/16/14	1:30 PM	2x5	P	LD	120	09/16/14	AV	BM	PASS	
PD392	9/15/14	P-174/P-242	11' N of S EOS	BO	9/16/14	2:30 PM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD393	9/15/14	P-175/P-243/P-244	Intersection	INT	Covered by PD394										
PD394	9/15/14	P-175/P-244	Entire Seam	FS	9/16/14	3:27 PM	2x10	C	LD	120	09/16/14	AV	BM	PASS	Covers PD393 & PD395
PD395	9/15/14	P-175/P-176/P-244	Intersection	INT	Covered by PD394										
PD396	9/15/14	P-176/P-244/P-248	Intersection	INT	Covered by PD397										
PD397	9/15/14	P-176/P-248	Entire Seam	FS	9/16/14	3:37 PM	2x12	C	LD	120	09/16/14	AV	BM	PASS	Covers PD396 & PD398
PD398	9/15/14	P-176/P-177/P-248	Intersection	INT	Covered by PD397										
PD399	9/15/14	P-177/P-248/P-249	Intersection	INT	Covered by PD400										
PD400	9/15/14	P-177/P-249	Entire Seam	FS	9/16/14	4:43 PM	3x10	C	LD	120	09/16/14	AV	BM	PASS	Covers PD399 & PD401
PD401	9/15/14	P-177/P-179/P-249	Intersection	INT	Covered by PD400										
PD402	9/15/14	P-225/P-226/P-227	Intersection	INT	9/16/14	5:00 PM	2x2	P	LD	120	09/18/14	AV	BM	PASS	
PD403	9/16/14	P-178	3' E of P-80/P-81/P-178/2' N	DO	9/16/14	8:24 AM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD404	9/16/14	P-81	5' N of S EOP/5' W	DO	9/16/14	8:29 AM	2x2	P	LD	120	09/16/14	AV	BM	PASS	
PD405	9/16/14	P-76/P-250	PDF-91	DF	9/18/14	4:11 PM	2x5	P	LD	103	09/18/14	AV	BM	PASS	
PD406	9/16/14	P-250/P-251	PDF-92	DF	9/18/14	4:05 PM	2x5	P	LD	103	09/18/14	AV	BM	PASS	
PD407	9/16/14	P-252/P-253	PDF-93	DF	9/19/14	8:45 AM	2x5	P	LD	103	09/18/14	AV	BM	PASS	
PD408	9/16/14	P-253/P-254	110' E of W EOS	IO	9/18/14	3:50 PM	2x11	P	LD	103	09/18/14	AV	BM	PASS	
PD409	9/16/14	P-254/P-255	PDF-94	DF	9/18/14	3:22 PM	2x5	P	LD	103	09/18/14	AV	BM	PASS	
PD410	9/16/14	P-255/P-256	PDF-95	DF	9/18/14	3:22 PM	2x5	P	LD	103	09/18/14	AV	BM	PASS	
PD411	9/16/14	P-256/P-257	PDF-96	DF	9/18/14	3:30 PM	2x5	P	LD	103	09/23/14	JT	CS	PASS	
PD412	9/16/14	P-256/P-257	297' E of W EOS	W	9/19/14	9:11 AM	2x5	P	LD	103	09/23/14	JT	CS	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
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					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	TECH ID.	QA MONITOR	PASS/ FAIL	
PD413	9/16/14	P-76/P-250	At crest	WR	9/18/14	2:11 PM	2x10	P	LD	103	09/18/14	AV	BM	PASS	
PD414	9/16/14	P-17/P-18/P-224	Intersection	INT	9/16/14	5:51 PM	2x2	P	PL	108	09/17/14	AV	BM	PASS	
PD415	9/16/14	P-17/P-224/P-225/P-226	Intersection	INT	Covered by PD417										
PD416	9/16/14	P-177	11' N of S EOP/1' E	DO	9/16/14	4:52 PM	2x4	P	PL	120	09/16/14	AV	BM	PASS	
PD417	9/16/14	P-17/P-226	Entire Seam	FS	9/18/14	4:13 PM	3x15	C	JT	108	09/18/14	AV	BM	PASS	Covers PD415 & PD418
PD418	9/16/14	P-10/P-17/P-226	Intersection	INT	Covered by PD417										
PD419	9/16/14	P-9/P-10/P-226	Intersection	INT	9/16/14	4:50 PM	2x4	P	PL	108	09/18/14	AV	BM	PASS	
PD420	9/16/14	P-9/P-226/P-227	Intersection	INT	9/16/14	4:55 PM	2x3	P	PL	108	09/18/14	AV	BM	PASS	
PD421	9/16/14	P-8/P-9/P-227	Intersection	INT	9/16/14	5:10 PM	2x2	P	PL	108	09/18/14	AV	BM	PASS	
PD422	9/16/14	P-8/P-227/P-228	Intersection	INT	9/16/14	5:17 PM	2x4	P	PL	108	09/18/14	AV	BM	PASS	
PD423	9/16/14	P-7/P-8/P-228	Intersection	INT	9/16/14	5:28 PM	2x2	P	PL	108	09/18/14	AV	BM	PASS	
PD424	9/16/14	P-7/P-228/P-230	Intersection	INT	9/16/14	5:34 PM	2x2	P	PL	108	09/18/14	AV	BM	PASS	
PD425	9/16/14	P-6/P-7/P-230	Intersection	INT	9/16/14	5:37 PM	2x2	P	PL	108	09/18/14	AV	BM	PASS	
PD426	9/16/14	P-6/P-230/P-232	Intersection	INT	9/16/14	5:40 PM	2x2	P	PL	108	09/18/14	AV	BM	PASS	
PD427	9/17/14	P-253/P-254	125' E of W EOS	PT	9/18/14	4:30 PM	2x2	P	JT	108	09/18/14	AV	BM	PASS	
PD428	9/17/14	P-260/P-261	PDF-97	DF	9/18/14	4:35 PM	2x5	P	JT	108	09/18/14	AV	BM	PASS	
PD429	9/17/14	P-257/P-258	PDF-98	DF	9/18/14	4:44 PM	2x5	P	JT	108	09/18/14	AV	BM	PASS	
PD430	9/17/14	P-260/P-261	120' E of W EOS	BO	9/18/14	4:49 PM	2x2	P	JT	108	09/18/14	AV	BM	PASS	
PD431	9/17/14	P-261/P-262	PDF-99	DF	9/18/14	4:59 PM	2x5	P	JT	108	09/18/14	AV	BM	PASS	
PD432	9/17/14	P-262/P-263	PDF-100	DF	9/18/14	5:10 PM	2x5	P	JT	108	09/18/14	AV	BM	PASS	
PD433	9/17/14	P-263/P-264	PDF-101	DF	9/20/14	6:02 PM	2x5	P	LD	120	09/20/14	AV	BM	PASS	
PD434	9/17/14	P-264/P-265	PDF-102	DF	9/20/14	6:12 PM	2x5	P	LD	120	09/23/14	JT	CS	PASS	Covers PD598
PD435	9/17/14	P-5/P-6/P-232	Intersection	INT	9/17/14	3:20 PM	3x5	P	LD	103	09/23/14	JT	CS	PASS	
PD436	9/17/14	P-5/P-232/P-234	Intersection	INT	9/17/14	3:30 PM	3x5	P	LD	103	09/18/14	AV	BM	PASS	
PD437	9/17/14	P-4/P-5/P-234	Intersection	INT	9/17/14	11:42 AM	2x4	P	LD	103	09/18/14	AV	BM	PASS	
PD438	9/17/14	P-4/P-234/P-235	Intersection	INT	9/17/14	11:54 AM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD439	9/17/14	P-3/P-4/P-235	Intersection	INT	9/17/14	12:02 PM	2x3	P	LD	103	09/18/14	AV	BM	PASS	
PD440	9/17/14	P-3/P-235/P-238	Intersection	INT	9/17/14	12:06 PM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD441	9/17/14	P-2/P-3/P-238	Intersection	INT	9/17/14	12:10 PM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD442	9/17/14	P-2/P-238/P-239	Intersection	INT	9/17/14	12:16 PM	2x2	P	LD	103	09/18/14	AV	BM	PASS	
PD443	9/17/14	P-1/P-2/P-239	Intersection	INT	9/17/14	12:26 PM	2x4	P	LD	103	09/18/14	AV	BM	PASS	
PD444	9/17/14	P-1/P-239/P-241	Intersection	INT	9/17/14	2:28 PM	2x4	P	LD	103	09/18/14	AV	BM	PASS	
PD445	9/17/14	P-1/P-67/P-241	Intersection	INT	9/17/14	2:35 PM	2x3	P	LD	103	09/18/14	AV	BM	PASS	
PD446	9/17/14	P-67/P-241/P-242	Intersection	INT	9/17/14	2:45 PM	2x3	P	LD	103	09/18/14	AV	BM	PASS	
PD447	9/17/14	P-67/P-68/P-242	Intersection	INT	9/17/14	2:50 PM	2x4	P	LD	103	09/18/14	AV	BM	PASS	
PD448	9/17/14	P-68/P-242/P-243	Intersection	INT	9/17/14	3:16 PM	2x5	P	LD	103	09/18/14	AV	BM	PASS	
PD449	9/17/14	P-68/P-69/P-243	Intersection	INT	9/17/14	3:34 PM	2x3	P	LD	103	09/18/14	AV	BM	PASS	
PD450	9/17/14	P-69/P-243/P-247	Intersection	INT	9/18/14	5:10 PM	3x4	P	JT	108	09/18/14	AV	BM	PASS	
PD451	9/17/14	P-69/P-247	2' S of N EOS	BO	Covered by PD370										
PD452	9/17/14	P-69/P-70/P-247	Intersection	INT	Covered by PD470										
PD453	9/17/14	P-261/P-262	At crest	WR	9/20/14	9:44 AM	2x2	P	LD	120	09/23/14	JT	CS	PASS	

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
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					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	TECH ID.	QA MONITOR	PASS/ FAIL		
PD454	9/17/14	P-260/P-261	3' E of W EOS	BO	Covered by PD428											
PD455	9/17/14	P-257/P-258	At crest	WR	9/20/14	9:58 AM	2x2	P	LD	120	09/23/14	JT	CS	PASS		
PD456	9/17/14	P-260/P-261	297' W of W EOS	FM	9/20/14	9:39 AM	3x3	P	LD	120	09/23/14	JT	CS	PASS		
PD457	9/17/14	P-1	5' W of P-1/P-239/P-241	DO	9/20/14	10:10 AM	2x3	P	LD	120	09/23/14	JT	CS	PASS		
PD458	9/17/14	P-241	5' E of W EOP/4' N	DO	9/20/14	10:15 AM	2x2	P	LD	120	09/23/14	JT	CS	PASS		
PD459	9/17/14	P-241	85' E of W EOP/4' N	DO	9/20/14	10:19 AM	2x2	P	LD	120	09/23/14	JT	CS	PASS		
PD460	9/17/14	P-11/P-11A/P-17	Intersection	INT	9/20/14	10:25 AM	2x3	P	LD	120	09/23/14	JT	CS	PASS		
PD461	9/17/14	P-11/P-17/P-17A	Intersection	INT	9/18/14	4:40 PM	3x5	P	JT	108	09/18/14	AV	BM	PASS		
PD462	9/17/14	P-17/P-17A	28' E of W EOS	WR	9/18/14	4:25 PM	3x7	P	JT	108	09/18/14	AV	BM	PASS		
PD463	9/18/14	P-76/P-250	297' E of W EOS	IO	9/23/14	3:50 PM	3x4	P	JD	108	09/23/14	JT	SGR	PASS		
PD464	9/18/14	P-267/P-269	PDF-103	DF	9/20/14	9:46 AM	2x30	P	LD	103	09/23/14	JT	CS	PASS	Covers PD551 & PD552	
PD465	9/18/14	P-268/P-271	PDF-104	DF	9/20/14	4:25 PM	2x5	P	LD	103	09/23/14	JT	CS	PASS		
PD466	9/18/14	P-274/P-276	PDF-105	DF	9/20/14	2:30 PM	2x5	P	LD	103	09/23/14	JT	CS	PASS		
PD467	9/18/14	P-275/P-278	PDF-106	DF	9/19/14	3:30 PM	2x5	P	LD	103	09/23/14	JT	CS	PASS		
PD468	9/18/14	P-277/P-280	PDF-107	DF	9/19/14	10:22 AM	2x5	P	LD	103	09/23/14	JT	CS	PASS		
PD469	9/18/14	P-256/P-277	PDF-108	DF	9/19/14	11:05 AM	2x10	P	LD	103	09/23/14	JT	CS	PASS	Covers PD495	
PD470	9/18/14	P-70/P-247	6' S to N EOS	FS	9/18/14	12:25 PM	3x10	C	JT	108	09/18/14	AV	BM	PASS	Covers PD452	
PD471	9/18/14	P-70/P-71/P-73/P-248	Intersection	INT	9/18/14	5:46 PM	2x5	P	JT	108	09/18/14	AV	BM	PASS		
PD472	9/18/14	P-73/P-248/P-249	Intersection	INT	9/18/14	5:55 PM	2x2	P	JT	108	09/18/14	AV	BM	PASS		
PD473	9/18/14	P-73/P-74A/P-76A/P-249	Intersection	INT	9/18/14	6:00 PM	2x5	P	JT	108	09/18/14	AV	BM	PASS		
PD474	9/18/14	P-73	4' W of E EOS/1' S	DO	9/18/14	6:05 PM	2x3	P	JT	108	09/18/14	AV	BM	PASS		
PD475	9/18/14	P-76	2' E of W EOS/3' S	DO	9/18/14	2:03 PM	2x2	P	LD	103	09/18/14	AV	BM	PASS		
PD476	9/18/14	P-185/P-276	11' N of S EOS/1' E	DO	9/19/14	5:35 PM	2x4	P	LD	103	09/24/14	AV	CS	PASS		
PD477	9/18/14	P-185/P-276/P-278	Intersection	INT	Covered by PD517											
PD478	9/19/14	P-285/P-286	PDF-109	DF	9/20/14	4:04 PM	2x5	P	LD	120	09/24/14	AV	CS	PASS		
PD479	9/19/14	P-266/P-285	179' E of W EOS	BO	9/20/14	5:02 PM	2x6	P	LD	120	09/24/14	AV	CS	PASS		
PD480	9/19/14	P-286/P-287	PDF-110	DF	9/20/14	4:46 PM	2x5	P	LD	120	09/24/14	AV	CS	PASS		
PD481	9/19/14	P-287/P-288	PDF-111	DF	9/20/14	5:38 PM	2x5	P	LD	120	09/24/14	AV	CS	PASS		
PD482	9/19/14	P-288/P-289	PDF-112	DF	9/20/14	5:32 PM	2x5	P	LD	120	09/24/14	AV	CS	PASS		
PD483	9/19/14	P-291/P-292	PDF-113	DF	9/20/14	5:47 PM	2x5	P	LD	120	09/24/14	AV	CS	PASS		
PD484	9/19/14	P-292/P-293	PDF-114	DF	9/20/14	5:09 PM	2x5	P	LD	120	09/24/14	AV	CS	PASS		
PD485	9/19/14	P-294/P-295	PDF-115	DF	9/20/14	5:54 PM	2x5	P	LD	120	09/24/14	AV	CS	PASS		
PD486	9/19/14	P-250/P-267/P-268	Intersection	INT	Covered by PD487											
PD487	9/19/14	P-250/P-268	N EOS to S EOS	FS	9/20/14	12:12 PM	2x9	C	LD	103	09/23/14	JT	CS	PASS	Covers PD486 & PD488	
PD488	9/19/14	P-250/P-251/P-268	Intersection	INT	Covered by PD487											
PD489	9/19/14	P-251/P-268/P-271	Intersection	INT	Covered by PD490											
PD490	9/19/14	P-251/P-271	N EOS to S EOS	FS	9/20/14	12:02 PM	2x7	C	LD	103	09/23/14	JT	CS	PASS	Covers PD489 & PD491	
PD491	9/19/14	P-251/P-252/P-271	Intersection	INT	Covered by PD490											
PD492	9/19/14	P-252/P-253/P-271/P-272	Intersection/FS	INT/FS	9/20/14	11:59 AM	2x7	C	LD	103	09/23/14	JT	CS	PASS		
PD493	9/19/14	P-253/P-254/P-272/P-273	Intersection	INT	9/20/14	11:40 AM	2x5	P	LD	103	09/23/14	JT	CS	PASS		
PD494	9/19/14	P-254/P-255/P-273/P-275	Intersection	INT	9/20/14	11:34 AM	2x4	P	LD	103	09/23/14	JT	CS	PASS		

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD495	9/19/14	P-255/P-256/P-275/P-277	Intersection	INT	Covered by PD469										
PD496	9/19/14	P-256/P-257/P-277/P-280	Intersection	INT	9/19/14	9:16 AM	2x4	P	LD	103	09/23/14	JT	CS	PASS	
PD497	9/19/14	P-278/P-280	17' W of E EOS	BO	9/19/14	3:20 PM	2x4	P	LD	103	09/23/14	JT	CS	PASS	
PD498	9/19/14	P-269/P-270	110' E of E EOS	PT	9/19/14	4:59 PM	2x8	P	LD	103	09/23/14	JT	CS	PASS	
PD499	9/19/14	P-179/P-249/P-267	Intersection	INT	Covered by PD500										
PD500	9/19/14	P-179/P-267	E EOS to W EOS	FS	9/20/14	11:57 AM	4x15	C	LD	103	09/24/14	AV	CS	PASS	Covers PD499 & PD501
PD501	9/19/14	P-179/P-180/P-267	Intersection	INT	Covered by PD500										
PD502	9/19/14	P-180/P-267	10' W of S EOS	BO	9/20/14	11:35 AM	2x2	P	LD	103	09/24/14	AV	CS	PASS	
PD503	9/19/14	P-267/P-269	30' W of E EOS	BO	9/20/14	12:07 PM	2x4	P	LD	103	09/23/14	JT	CS	PASS	
PD504	9/19/14	P-180/P-267/P-269	Intersection	INT	Covered by PD505										
PD505	9/19/14	P-180/P-269	E EOS to W EOS	FS	9/20/14	11:31 AM	4x10	C	LD	103	09/24/14	AV	CS	PASS	Covers PD504 & PD506
PD506	9/19/14	P-180/P-181/P-269	Intersection	INT	Covered by PD505										
PD507	9/19/14	P-181/P-269/P-270	Intersection	INT	Covered by PD508										
PD508	9/19/14	P-181/P-270	E EOS to W EOS	FS	9/20/14	11:15 AM	3x11	C	LD	103	09/24/14	AV	CS	PASS	Covers PD507 & PD509
PD509	9/19/14	P-181/P-182/P-270	Intersection	INT	Covered by PD508										
PD510	9/19/14	P-182/P-270/P-272	Intersection	INT	Covered by PD511										
PD511	9/19/14	P-182/P-272	E EOS to W EOS	FS	9/20/14	10:58 AM	2x10	C	LD	103	09/24/14	AV	CS	PASS	Covers PD510 & PD512
PD512	9/19/14	P-182/P-183/P-272	Intersection	INT	Covered by PD511										
PD513	9/19/14	P-183/P-272/P-274	Intersection	INT	Covered by PD514										
PD514	9/19/14	P-183/P-274	E EOS to W EOS	FS	9/19/14	5:19 PM	3x8	C	LD	103	09/24/14	AV	CS	PASS	Covers PD513 & PD515
PD515	9/19/14	P-183/P-184/P-274	Intersection	INT	Covered by PD514										
PD516	9/19/14	P-184/P-185/P-274/P-276	Intersection	INT	9/19/14	5:28 PM	6x6	P	LD	103	09/24/14	AV	CS	PASS	
PD517	9/19/14	P-185/P-278	E EOS to W EOS	FS	9/20/14	12:29 PM	3x8	C	LD	103	09/24/14	AV	CS	PASS	Covers PD477 & PD518
PD518	9/19/14	P-185/P-186/P-278	Intersection	INT	Covered by PD517										
PD519	9/19/14	P-186/P-278/P-279	Intersection	INT	Covered by PD520										
PD520	9/19/14	P-186/P-279	E EOS to W EOS	FS	9/20/14	12:45 PM	3x7	C	LD	103	09/24/14	AV	CS	PASS	Covers PD519 & 521
PD521	9/19/14	P-186/P-187/P-279	Intersection	INT	Covered by PD520										
PD522	9/19/14	P-187/P-279/P-281	Intersection	INT	Covered by PD523										
PD523	9/19/14	P-187/P-281	E EOS to W EOS	FS	9/20/14	1:58 PM	4x8	C	LD	103	09/24/14	AV	CS	PASS	Covers PD522 & PD524
PD524	9/19/14	P-187/P-188/P-281	Intersection	INT	Covered by PD523										
PD525	9/19/14	P-188/P-281/P-283	Intersection	INT	Covered by PD526										
PD526	9/19/14	P-188/P-283	E EOS to W EOS	FS	9/20/14	2:08 PM	4x6	C	LD	103	09/24/14	AV	CS	PASS	Covers PD525 & PD527
PD527	9/19/14	P-188/P-189/P-283	Intersection	INT	Covered by PD526										
PD528	9/19/14	P-266/P-285	275' E of W EOS	W	9/23/14	6:10 AM	4x8	P	JD	108	09/23/14	JT	CS	PASS	
PD529	9/19/14	P-257/P-258/P-280	Intersection	INT	Covered by PD530										
PD530	9/19/14	P-258/P-280	N EOS to S EOS	FS	9/19/14	10:34 AM	2x6	C	LD	103	09/23/14	JT	CS	PASS	Covers PD529 & PD531
PD531	9/19/14	P-258/P-280/P-282	Intersection	INT	Covered by PD530										
PD532	9/19/14	P-258/P-259/P-282	Intersection	INT	Covered by PD533										
PD533	9/19/14	P-259/P-282	N EOS to S EOS	FS	9/19/14	10:43 AM	2x7	C	LD	103	09/23/14	JT	CS	PASS	Covers PD532 & PD534
PD534	9/19/14	P-259/P-282/P-284	Intersection	INT	Covered by PD533										
PD535	9/19/14	P-282/P-283/P-284	Intersection	INT	9/19/14	10:48 AM	2x4	P	LD	103	09/23/14	JT	CS	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD536	9/19/14	P-281/P-282/P-283	Intersection	INT	9/19/14	2:05 PM	2x3	P	LD	103	09/23/14	JT	CS	PASS	
PD537	9/19/14	P-280/P-281/P-282	Intersection	INT	9/19/14	2:08 PM	2x3	P	LD	103	09/23/14	JT	CS	PASS	
PD538	9/19/14	P-279/P-280/P-281	Intersection	INT	9/19/14	2:12 PM	2x2	P	LD	103	09/23/14	JT	CS	PASS	
PD539	9/19/14	P-278/P-279/P-280	Intersection	INT	9/19/14	2:21 PM	2x2	P	LD	103	09/23/14	JT	CS	PASS	
PD540	9/19/14	P-277/P-278/P-280	Intersection	INT	9/19/14	3:05 PM	2x3	P	LD	103	09/23/14	JT	CS	PASS	
PD541	9/19/14	P-255/P-256	305' E of W EOS	IO	9/19/14	11:16 AM	2x21	P	LD	103	09/23/14	JT	CS	PASS	
PD542	9/19/14	P-275/P-277/P-278	Intersection	INT	9/19/14	4:14 PM	2x3	P	LD	103	09/23/14	JT	CS	PASS	
PD543	9/19/14	P-275/P-276/P-278	Intersection	INT	9/19/14	3:35 PM	2x2	P	LD	103	09/23/14	JT	CS	PASS	
PD544	9/19/14	P-274/P-275/P-276	Intersection	INT	9/19/14	4:04 PM	2x3	P	LD	103	09/23/14	JT	CS	PASS	
PD545	9/19/14	P-273/P-274/P-275	Intersection	INT	9/19/14	4:09 PM	2x2	P	LD	103	09/23/14	JT	CS	PASS	
PD546	9/19/14	P-272/P-273/P-274	Intersection	INT	9/19/14	3:02 PM	3x3	P	LD	103	09/23/14	JT	CS	PASS	
PD547	9/19/14	P-270/P-271/P-272	Intersection	INT	9/19/14	4:47 PM	3x3	P	LD	103	09/23/14	JT	CS	PASS	
PD548	9/19/14	P268/P-269/P-271	Intersection	INT	9/19/14	4:31 PM	2x4	P	LD	103	09/23/14	JT	CS	PASS	
PD549	9/19/14	P-269/P-270/P-271	Intersection	INT	9/19/14	4:44 PM	2x4	P	LD	103	09/23/14	JT	CS	PASS	
PD550	9/19/14	P-267/P-268/P-269	Intersection	INT	9/19/14	4:36 PM	2x3	P	LD	103	09/23/14	JT	CS	PASS	
PD551	9/19/14	P-267/P-269	PDF-103B	DF	Covered by PD464										
PD552	9/19/14	P-267/P-269	PDF-103A	DF	Covered by PD464										
PD553	9/20/14	P-266/P-285	At crest	WR	9/20/14	4:30 PM	3x6	P	LD	120	09/24/14	JT	CS	PASS	
PD554	9/20/14	P-290/P-291/P-292	Intersection	INT	9/20/14	5:22 PM	2x10	P	LD	120	09/24/14	JT	CS	PASS	
PD555	9/20/14	P-296/P-299	PDF-116	DF	9/23/14	1:58 PM	2x3	P	LD	120	09/23/14	JT	CS	PASS	
PD556	9/20/14	P-300/P-303	PDF-117	DF	9/23/14	1:52 PM	2x4	P	LD	120	09/23/14	JT	CS	PASS	
PD557	9/20/14	P-304/P-305	PDF-118	DF	9/23/14	5:15 PM	2x6	P	LD	120	09/24/14	JT	CS	PASS	
PD558	9/20/14	P-304/P-306	PDF-119	DF	9/23/14	5:16 PM	3x4	P	LD	120	09/24/14	JT	CS	PASS	
PD559	9/20/14	P-306/P-308	PDF-120	DF	9/23/14	4:35 PM	2x4	P	LD	120	09/24/14	JT	CS	PASS	
PD560	9/20/14	P-264/P-303	PDF-121	DF	9/23/14	4:50 PM	2x10	P	JD	108	09/23/14	JT	CS	PASS	Covers PD601 & PD602
PD561	9/20/14	P-188/PD526	PDX-3	DX	9/20/14	2:23 PM	2x5	P	LD	103	09/24/14	JT	CS	PASS	
PD562	9/20/14	P-189/P-283/P-296	Intersection	INT	Covered by PD563										
PD563	9/20/14	P-189/P-296	E EOS to W EOS	FS	9/23/14	2:27 PM	4x8	C	LD	103	09/24/14	JT	CS	PASS	Covers PD562 & PD564
PD564	9/20/14	P-189/P-190/P-296	Intersection	INT	Covered by PD563										
PD565	9/20/14	P-190/P-296/P-299	Intersection	INT	Covered by PD566										
PD566	9/20/14	P-190/P-299	E EOS to W EOS	FS	9/23/14	2:03 PM	4x6	C	LD	103	09/24/14	JT	CS	PASS	Covers PD565 & PD567
PD567	9/20/14	P-190/P-191/P-299	Intersection	INT	Covered by PD566										
PD568	9/20/14	P-191/P-192/P-299/P-300	Intersection/FS	INT/FS	9/23/14	2:50 PM	3x8	C	LD	103	09/24/14	JT	CS	PASS	
PD569	9/20/14	P-192/P-300/P-303	Intersection	INT	Covered by PD570										
PD570	9/20/14	P-192/P-303	E EOS to W EOS	FS	9/23/14	3:08 PM	4x8	C	LD	103	09/24/14	JT	CS	PASS	Covers PD569 & PD571
PD571	9/20/14	P-192/P-193/P-303	Intersection	INT	Covered by PD570										
PD572	9/20/14	P-193/P-303/P-305	Intersection	INT	Covered by PD573										
PD573	9/20/14	P-193/P-305	E EOS to W EOS	FS	9/24/14	8:28 AM	4x6	C	LD	103	09/24/14	JT	CS	PASS	Covers PD572, PD574 & PD637
PD574	9/20/14	P-193/P-194/P-305	Intersection	INT	Covered by PD573										
PD575	9/20/14	P-194/P-305/P-307	Intersection	INT	Covered by PD576										
PD576	9/20/14	P-194/P-307	E EOS to W EOS	FS	9/23/14	1:22 AM	5x5	C	LD	103	09/24/14	JT	CS	PASS	Covers PD575 & PD577

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD577	9/20/14	P-194/P-195/P-307	Intersection	INT	Covered by PD576										
PD578	9/20/14	P-195/P-196/P-307/P-308	Intersection/FS	INT/FS	9/23/14	3:42 PM	4x5	C	LD	103	09/24/14	JT	CS	PASS	
PD579	9/20/14	P-196/P-308/P-311	Intersection	INT	Covered by PD580										
PD580	9/20/14	P-196/P-311	E EOS to W EOS	FS	9/23/14	4:02 PM	4x6	C	LD	120	09/24/14	JT	CS	PASS	Covers PD579 & PD581
PD581	9/20/14	P-196/P-197/P-311	Intersection	INT	Covered by PD580										
PD582	9/20/14	P-197/P-198/P-311/P-313	Intersection/FS	INT/FS	9/23/14	4:13 PM	4x5	C	LD	120	09/24/14	JT	CS	PASS	
PD583	9/20/14	P-305/P-306/P-307	Intersection	INT	9/23/14	4:58 PM	2x3	P	LD	120	09/24/14	JT	CS	PASS	
PD584	9/20/14	P-306/P-307/P-308	Intersection	INT	9/23/14	4:52 PM	2x3	P	LD	120	09/24/14	JT	CS	PASS	
PD585	9/20/14	P-311/P-312/P-313	Intersection	INT	9/24/14	9:34 AM	2x3	P	LD	120	09/24/14	JT	CS	PASS	
PD586	9/20/14	P-286/P-287/P-312	Intersection	INT	9/23/14	5:57 PM	2x3	P	JD	108	09/23/14	JT	CS	PASS	
PD587	9/20/14	P-286/P-311/P-312	Intersection	INT	9/23/14	5:52 PM	2x3	P	JD	108	09/23/14	JT	CS	PASS	
PD588	9/20/14	P-285/P-286/P-311	Intersection	INT	9/23/14	5:47 PM	2x3	P	JD	108	09/23/14	JT	CS	PASS	
PD589	9/20/14	P-285/P-310/P-311	Intersection	INT	9/23/14	5:41 PM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD590	9/20/14	P-266/P-285/P-310	Intersection	INT	9/23/14	5:35 PM	4x5	P	JD	108	09/23/14	JT	CS	PASS	Covers PD634
PD591	9/20/14	P-309/P-310/P-311	Intersection	INT	9/23/14	5:36 PM	2x3	P	LD	120	09/24/14	AV	CS	PASS	
PD592	9/20/14	P-308/P-309/P-311	Intersection	INT	9/23/14	4:17 PM	2x3	P	LD	120	09/24/14	AV	CS	PASS	
PD593	9/20/14	P-306/P-308/P-309	Intersection	INT	9/23/14	4:41 PM	2x3	P	LD	120	09/24/14	AV	CS	PASS	
PD594	9/20/14	P-306/P-309/P-310	Intersection	INT	9/23/14	5:30 PM	2x3	P	LD	120	09/23/14	JT	CS	PASS	
PD595	9/20/14	P-266/P-306/P-310	Intersection	INT	9/23/14	5:26 PM	2x3	P	JD	108	09/23/14	JT	CS	PASS	
PD596	9/20/14	P-265/P-266/P-306	Intersection	INT	9/23/14	5:15 PM	2x3	P	JD	108	09/23/14	JT	CS	PASS	
PD597	9/20/14	P-265/P-304/P-306	Intersection	INT	9/23/14	5:05 PM	2x3	P	JD	108	09/23/14	JT	CS	PASS	
PD598	9/20/14	P-264/P-265/P-304	Intersection	INT	Covered by PD434										
PD599	9/20/14	P-304/P-305/P-306	Intersection	INT	Covered by PD557										
PD600	9/20/14	P-303/P-304/P-305	Intersection	INT	9/23/14	5:21 PM	3x4	P	LD	120	09/24/14	AV	CS	PASS	
PD601	9/20/14	P-264/P-303/P-304	Intersection	INT	Covered by PD560										
PD602	9/20/14	P-263/P-264/P-303	Intersection	INT	Covered by PD560										
PD603	9/20/14	P-263/P-301/P-303	Intersection	INT	9/23/14	1:20 PM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD604	9/20/14	P-262/P-263/P-301	Intersection	INT	9/23/14	2:00 PM	2x6	P	JD	108	09/23/14	JT	CS	PASS	
PD605	9/20/14	P-301/P-302/P-303	Intersection	INT	9/23/14	1:15 PM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD606	9/20/14	P-300/P-302/P-303	Intersection	INT	9/23/14	1:00 PM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD607	9/20/14	P-299/P-300/P-302	Intersection	INT	9/23/14	12:00 PM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD608	9/20/14	P-298/P-299/P-302	Intersection	INT	9/23/14	11:53 AM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD609	9/20/14	P-296/P-298/P-299	Intersection	INT	9/23/14	11:48 AM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD610	9/20/14	P-296/P-297/P-298	Intersection	INT	9/23/14	11:30 AM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD611	9/20/14	P-297/P-298/P-302	Intersection	INT	9/23/14	11:34 AM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD612	9/20/14	P-297/P-301/P-302	Intersection	INT	9/23/14	11:34 AM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD613	9/20/14	P-262/P-297/P-301	Intersection	INT	Covered by PD614										
PD614	9/20/14	P-262/P-297	N EOS to S EOS	FS	9/23/14	4:33 PM	2x12	P	JD	108	09/23/14	JT	CS	PASS	Covers PD613 & PD615
PD615	9/20/14	P-261/P-262/P-297	Intersection	INT	Covered by PD614										
PD616	9/20/14	P-261/P-296/P-297	Intersection	INT	Covered by PD617										
PD617	9/20/14	P-260/P-296	N EOS to S EOS	FS	9/23/14	11:24 AM	2x3	P	JD	108	09/23/14	JT	CS	PASS	Covers PD616 & PD618

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD618	9/20/14	P-260/P-261/P-296	Intersection	INT	Covered by PD617										
PD619	9/20/14	P-260/P-284/P-296	Intersection	INT	Covered by PD620										
PD620	9/20/14	P-260/P-284	N EOS to S EOS	FS	9/23/14	2:35 PM	3x8	C	JD	108	09/23/14	JT	CS	PASS	Covers PD619 & PD621
PD621	9/20/14	P-259/P-260/P-284	Intersection	INT	Covered by PD620										
PD622	9/20/14	P-283/P-284/P-296	Intersection	INT	9/23/14	11:17 AM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD623	9/20/14	P-73	40' E of W EOS/8' S	WR	9/23/14	8:48 AM	3x3	P	LD	120	09/23/14	AV	BM	PASS	
PD624	9/20/14	P-262/P-263	At crest	PT	9/20/14	4:40 PM	2x4	P	LD	120	09/24/14	AV	CS	PASS	
PD625	9/20/14	P-264/P-265	At crest	PT	9/20/14	4:35 PM	2x5	P	LD	120	09/24/14	AV	CS	PASS	
PD626	9/20/14	P-311/P-313	208' W of E EOS	BO	9/24/14	9:29 AM	2x4	P	LD	120	09/24/14	AV	CS	PASS	
PD627	9/20/14	P73A/P-73/P-74	Intersection	INT	9/23/14	10:14 AM	2x4	P	LD	120	09/23/14	AV	BM	PASS	
PD628	9/20/14	P-73/P-74/P-74A	Intersection	INT	Covered by PD631										
PD629	9/20/14	P-74/P-74A/P-76	Intersection	INT	Covered by PD631										
PD630	9/20/14	P-74A/P-76/P-76A	Intersection	INT	9/23/14	10:29 AM	2x3	P	LD	120	09/23/14	AV	BM	PASS	
PD631	9/23/14	P-74/P-74A	E EOS to W EOS	FS	9/23/14	10:23 AM	2x7	C	LD	120	09/23/14	AV	BM	PASS	Covers PD628 & PD629 (No PT)
PD632	9/23/14	P-302/P-303	13' W of E EOS	BO	9/23/14	1:10 PM	2x2	P	JD	108	09/23/14	JT	CS	PASS	
PD633	9/23/14	P-196/P-308	8' N of S EOS	BO	9/23/14	3:53 PM	2x2	P	LD	120	09/24/14	AV	CS	PASS	
PD634	9/23/14	P-266/P-285	PDF-122	DF	Covered by PD590										
PD635	9/23/14	P-303/P-305	147' E of W EOS	BO	9/24/14	9:07 AM	3x3	P	LD	120	09/24/14	AV	CS	PASS	
PD636	9/23/14	P-303/P-305	24' W of E EOS	BO	9/24/14	8:54 AM	3x3	P	LD	120	09/24/14	AV	CS	PASS	
PD637	9/23/14	P-303/305	7' W of E EOS	BO	Covered by PD573										
PD638	9/23/14	P-76A/P-249/P-250/P-267	Intersection	INR	9/23/14	3:12 PM	7x14	C	JD	108	09/23/14	JT	CS	PASS	Covers PD646, PD647, PD648, PD649 & PD650
PD639	9/23/14	P-260	20' E of W EOS/2' S	W	9/23/14	4:17 PM	2x3	P	JD	108	09/23/14	JT	CS	PASS	
PD640	9/23/14	P-309	3' W of E EOS/3' S	DO	9/23/14	6:12 PM	1x1	P	LD	120	09/24/14	AV	CS	PASS	
PD641	9/23/14	P-309	4' W of E EOS/7' S	DO	9/23/14	6:09 PM	1x1	P	LD	120	09/24/14	AV	CS	PASS	
PD642	9/23/14	P-309/P-311	10' E of W EOS	DO	9/23/14	6:20 PM	2x2	P	LD	120	09/24/14	AV	CS	PASS	
PD643	9/23/14	P-306/P-310	8' W of E EOS	DO	9/23/14	6:06 PM	3x4	P	LD	120	09/24/14	AV	CS	PASS	
PD644	9/23/14	P-306	4' S/4'W of P-309/P-10/P-306 INT	DO	9/23/14	5:42 PM	1x2	P	LD	120	09/24/14	AV	CS	PASS	
PD645	9/23/14	P-311	12'N/3' N of P-309/P-310/P-311 INT	DO	9/24/14	9:42 AM	2x3	P	LD	120	09/24/14	AV	CS	PASS	
PD646	9/24/14	P-76/P-250	312' E of W EOS	WR	Covered by PD638										
PD647	9/24/14	P-76A/P-249	Intersection	INT	Covered by PD638										
PD648	9/24/14	P-76A/P-250	Intersection	INT	Covered by PD638										
PD649	9/24/14	P-76A/P-249/P-267	Intersection	INT	Covered by PD638										
PD650	9/24/14	P-76A/P-250/P-267	Intersection	INT	Covered by PD638										
PD651	9/24/14	P-318/P-320	PDF-123	DF	9/25/14	9:25 AM	3x4	P	LD	116	09/25/14	JD	NA	PASS	
PD652	9/24/14	P-316/P-317	PDF-124	DF	9/24/14	8:15 AM	2x4	P	PL	120	09/25/14	JD	NA	PASS	
PD653	9/24/14	P-323/P-325	PDF-125	DF	9/24/14	5:32 PM	6x8	P	PL	120	09/25/14	JD	NA	PASS	Covers PD676
PD654	9/24/14	P-206/P-326	PDF-126	DF	9/24/14	5:50 PM	2x5	P	PL	120	09/25/14	JD	NA	PASS	Covers PD679
PD655	9/24/14	P-194	3' E of W EOP/5' S	DO	9/23/14	3:22 PM	2x2	P	LD	120	09/24/14	AV	CS	PASS	

Cripple Creek & Victor Gold Mining Company
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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	TECH ID.	QA MONITOR	PASS/ FAIL		
PD656	9/24/14	P-314/P-198/P-199	Intersection	INT	Covered by PD657											Covers PD656 & PD658
PD657	9/24/14	P-198/P-314	Entire Seam	FS	9/24/14	3:44 PM	5x5	C	PL	120	09/25/14	JD	NA	PASS		
PD658	9/24/14	P-198/P-313/P-314	Intersection	INT	Covered by PD657											
PD659	9/24/14	P-313/P-314	E EOS to 7' W	FS	9/24/14	3:44 PM	2x8	C	PL	120	09/25/14	JD	NA	PASS		
PD660	9/24/14	P-199/P-314	10' S of N EOS	PT	9/24/14	3:50 PM	2x5	C	PL	120	09/25/14	JD	NA	PASS		
PD661	9/24/14	P-199/P-200/P-316	Intersection	INT	Covered by PD662											Covers PD661, PD663 & PD680
PD662	9/24/14	P-199/P-316	Entire Seam	FS	9/24/14	4:10 PM	5x5	C	PL	120	09/25/14	JD	NA	PASS		
PD663	9/24/14	P-199/P-314/P-316	Intersection	INT	Covered by PD662											
PD664	9/24/14	P-200/P-201/P-317	Intersection	INT	Covered by PD665											Covers PD664 & PD666
PD665	9/24/14	P-200/P-317	Entire Seam	FS	9/24/14	4:20 PM	4x6	C	PL	120	09/25/14	JD	NA	PASS		
PD666	9/24/14	P-200/P-316/P-317	Intersection	INT	Covered by PD665											Covers PD667 & PD669
PD667	9/24/14	P-201/P-202/P-320	Intersection	INT	Covered by PD668											
PD668	9/24/14	P-201/P-320	Entire Seam	FS	9/24/14	4:27 PM	5x7	C	PL	120	09/25/14	JD	NA	PASS		
PD669	9/24/14	P-201/P-317/P-320	Intersection	INT	Covered by PD668											Covers PD670 & PD672
PD670	9/24/14	P-202/P-203/P-321	Intersection	INT	Covered by PD671											
PD671	9/24/14	P-202/P-321	Entire Seam	FS	9/24/14	4:40 PM	7x7	C	PL	120	09/25/14	JD	NA	PASS		
PD672	9/24/14	P-202/P-320/P-321	Intersection	INT	Covered by PD671											Covers PD673 & PD675
PD673	9/24/14	P-203/P-204/P-323	Intersection	INT	Covered by PD674											
PD674	9/24/14	P-203/P-323	Entire Seam	FS	9/24/14	5:09 PM	5x5	C	PL	120	09/25/14	JD	NA	PASS		
PD675	9/24/14	P-203P-321/P-323	Intersection	INT	Covered by PD674											Covers PD685
PD676	9/24/14	P-204/P-205/P-323/P-325	Intersection	INT	Covered by PD653											
PD677	9/24/14	P-205/P-206/P-325/P-326	Intersection	INT	9/24/14	5:45 PM	5x5	P	PL	120	09/25/14	JD	NA	PASS		
PD678	9/24/14	P-325/P-326	2' W of E EOS	DO	Covered by PD677											Covers PD685
PD679	9/24/14	P-206/P-326	8' N of S EOS	IO	Covered by PD654											
PD680	9/24/14	P-314/P-316	E EOS TO 10' W	FS	9/24/14	4:10 PM	2x12	C	PL	120	09/25/14	JD	NA	PASS		
PD681	9/24/14	P-312/P-313/P-314	Intersection	INT	9/24/14	4:21 PM	2x2	P	PL	120	09/25/14	JD	NA	PASS		
PD682	9/24/14	P-287/P-312/P-314	Intersection	INT	9/24/14	4:10 PM	3x3	P	PL	120	09/25/14	JD	NA	PASS		
PD683	9/24/14	P-287/P-288/P-314	Intersection	INT	9/24/14	4:15 PM	2x2	P	PL	120	09/25/14	JD	NA	PASS		
PD684	9/24/14	P-288/P-314	N EOS to 5' S	FS	9/24/14	4:30 PM	2x5	C	PL	120	09/25/14	JD	NA	PASS		
PD685	9/24/14	P-288/P-314/P-315	Intersection	INT	Covered by PD684											
PD686	9/24/14	P-288/P-289/P-315	Intersection	INT	9/24/14	4:36 PM	2x3	P	PL	120	09/25/14	JD	NA	PASS		
PD687	9/24/14	P-289/P-315/P-319	Intersection	INT	9/24/14	4:42 PM	2x2	P	PL	120	09/25/14	JD	NA	PASS		
PD688	9/24/14	P-289/P-290/P-319	Intersection	INT	9/24/14	4:47 PM	2x2	P	JD	108	09/25/14	JD	NA	PASS		
PD689	9/24/14	P-290/P-319/P-320	intersection	INT	9/24/14	4:56 PM	2x3	P	JD	108	09/25/14	JD	NA	PASS		
PD690	9/24/14	P-290/P-291/P-320	Intersection	INT	9/24/14	5:00 PM	2x2	P	JD	108	09/25/14	JD	NA	PASS		
PD691	9/24/14	P-291/P-320/P-321	Intersection	INT	9/24/14	5:05 PM	2x2	P	JD	108	09/25/14	JD	NA	PASS		
PD692	9/24/14	P-291/P-321/P-373	Intersection	INT	10/1/14	4:05 PM	3x4	P	JD	120	10/01/14	OT	BM	PASS		
PD693	9/24/14	P-321/P-322/P-373	Intersection	INT	10/1/14	3:57 PM	2x3	P	JD	120	10/01/14	OT	BM	PASS		
PD694	9/24/14	P-322/P-373/P-374	Intersection	INT	10/1/14	4:15 PM	2x3	P	JD	120	10/01/14	OT	BM	PASS		
PD695	9/24/14	P-322/P-324/P-374	Intersection	INT	10/1/14	4:30 PM	3x3	P	JD	120	10/01/14	OT	BM	PASS		
PD696	9/24/14	P-324/P-374/P-375	Intersection	INT	10/1/14	4:36 PM	3x3	P	JD	120	10/01/14	OT	BM	PASS		

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
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					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	TECH ID.	QA MONITOR	PASS/ FAIL	
PD697	9/24/14	P-324/P-327/P-375	Intersection	INT	10/1/14	4:40 PM	2x2	P	JD	120	10/01/14	OT	BM	PASS	
PD698	9/24/14	P-327/P-375/P-376	Intersection	INT	10/6/14	11:39 AM	3X3	P	JD	120	10/06/14	DT	DW	PASS	
PD699	9/24/14	P-324/P-325/P-327	Intersection	INT	Covered by PD714										
PD700	9/24/14	P-323/P-324/P-325	Intersection	INT	9/25/14	9:36 AM	3x3	P	LD	116	01/01/00	JD	NA	PASS	
PD701	9/24/14	P-325/P-327	50' W of E EOS	PT	9/25/14	11:12 AM	2x3	P	LD	116	09/25/14	JD	NA	PASS	
PD702	9/24/14	P-325/P-326/P-327	Intersection	INT	9/24/14	6:00 PM	2x3	P	PL	120	09/25/14	JD	NA	PASS	
PD703	9/24/14	P-322/P-323/P-324	Intersection	INT	9/24/14	5:16 PM	2x3	P	JD	108	09/25/14	JD	NA	PASS	
PD704	9/24/14	P-321/P-322/P-323	Intersection	INT	9/24/14	5:20 PM	2x3	P	JD	108	09/25/14	JD	NA	PASS	
PD705	9/24/14	P-320/P-321	40' E of W EOS	WR	9/24/14	5:40 PM	2x5	P	JD	108	09/25/14	JD	NA	PASS	
PD706	9/24/14	P-318/P-319/P-320	Intersection	INT	9/25/14	10:03 AM	2x4	P	LD	116	09/25/14	JD	NA	PASS	
PD707	9/24/14	P-315/P-318/P-319	Intersection	INT	9/25/14	10:07 AM	2x3	P	LD	116	09/25/14	JD	NA	PASS	
PD708	9/24/14	P-317/P-318/P-320	Intersection	INT	9/24/14	6:09 PM	2x2	P	PL	120	09/25/14	JD	NA	PASS	
PD709	9/24/14	P-316/P-317/P-318	Intersection	INT	9/25/14	9:13 AM	2x5	P	LD	116	09/25/14	JD	NA	PASS	
PD710	9/24/14	P-315/P-316/P-318	Intersection	INT	9/25/14	10:12 AM	2x2	P	LD	116	09/25/14	JD	NA	PASS	
PD711	9/24/14	P-314/P-315/P-316	Intersection	INT	9/25/14	10:20 AM	2x2	P	LD	116	09/25/14	JD	NA	PASS	
PD712	9/24/14	P-324/P-327	45' W of E EOS	PT	9/24/14	9:51 AM	2x2	P	JD	108	09/25/14	JD	NA	PASS	
PD713	9/24/14	P-324/P-327	25' W of E EOS	PT	9/24/14	9:55 AM	2x4	P	LD	116	09/25/14	JD	NA	PASS	
PD714	9/24/14	P-324/P-325	N EOS TO 3' S	FS	9/25/14	9:45 AM	2x6	C	LD	116	09/25/14	JD	NA	PASS	Covers PD699
PD715	9/24/14	P-310	7'E of W EOP/6' S	DO	9/25/14	10:32 AM	2x3	P	LD	116	09/25/14	JD	NA	PASS	
PD716	9/24/14	P-310	15' E of W EOP/2' S	DO	9/25/14	10:27 AM	2x3	P	LD	116	09/25/14	JD	NA	PASS	
PD717	9/24/14	P-304	10' E of W EOP/2' S	DO	9/25/14	10:24 AM	2x2	P	LD	116	09/25/14	JD	NA	PASS	
PD718	9/24/14	P-310	10' W of E EOP/11' S	DO	9/25/14	10:48 AM	3x3	P	LD	116	09/25/14	JD	NA	PASS	
PD719	9/24/14	P-287	10' W of E EOP/10' N	DO	9/25/14	10:52 AM	2x2	P	LD	116	09/25/14	JD	NA	PASS	
PD720	9/24/14	P-287	21' W of E EOP/10' N	DO	9/25/14	11:05 AM	2x2	P	LD	116	09/25/14	JD	NA	PASS	
PD721	9/25/14	P-327/P-328	PDF-127	DF	Covered by PD745										
PD722	9/25/14	P-328/P-330	PDF-128	DF	9/26/14	4:21 PM	2x5	P	LD	116	09/30/14	PL	CS	PASS	
PD723	9/25/14	P-206/P-207/P-328	Intersection	INT	Covered by PD724										
PD724	9/25/14	P-206/P-328	Entire Seam	FS	9/26/14	1:51 PM	6x6	C	LD	116	09/29/14	JR	NA	PASS	Covers PD723 & PD725
PD725	9/25/14	P-206/P-326/P-328	Intersection	INT	Covered by PD724										
PD726	9/25/14	P-207/P-208/P-328	Intersection	INT	Covered by PD778										
PD727	9/25/14	P-208/P-328/P-330	Intersection	INT	Covered by PD778										
PD728	9/25/14	P-208/P-209/P-330	Intersection	INT	Covered by PD777										
PD729	9/25/14	P-209/P-330/P-332	Intersection	INT	Covered by PD777										
PD730	9/25/14	P-209/P-210/P-332	Intersection	INT	Covered by PD732										
PD731	9/25/14	P-210/P-332/P-335	Intersection	INT	Covered by PD732										
PD732	9/25/14	P-210/P-335	3' N of S EOS	BO	9/26/14	2:29 PM	4x9	C	LD	116					Covers PD730 & PD731
PD733	9/25/14	P-210/P-335	12' N of S EOS	BO	9/26/14	2:36 PM	2x4	P	LD	116	09/29/14	JR	NA	PASS	
PD734	9/25/14	P-335/P-336	PDF-129	DF	9/26/14	4:02 PM	2x5	P	LD	116	09/30/14	PL	CS	PASS	
PD735	9/25/14	P-210/P-211/P-335	Intersection	INT	Covered by PD786										
PD736	9/25/14	P-211/P-335/P-336	Intersection	INT	Covered by PD786										
PD737	9/25/14	P-331/P-334	PDF-130	DF	9/26/14	5:33 PM	3x8	P	LD	116	09/30/14	PL	CS	PASS	Covers PD752

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					REPAIR DATE	TIME	SIZE	TYPE	WELD TECH	MACHINE NUMBER	TEST DATE	TECH ID.	QA MONITOR	PASS/ FAIL	
PD738	9/25/14	P-211/P-212/P-336	Intersection	INT	Covered by PD739										
PD739	9/25/14	P-212/P-336	Entire Seam	FS	9/26/14	3:01 PM	5x6	C	LD	116	09/29/14	JR	NA	PASS	Covers PD738 & PD740
PD740	9/25/14	P-212/P-336/P-338	Intersection	INT	Covered by PD739										
PD741	9/25/14	P-212/P-338	5' N of S EOS	WR	9/26/14	3:07 PM	2x4	P	LD	116	09/29/14	JR	NA	PASS	
PD742	9/25/14	P-212/P-213/P-338	Intersection	INT	Covered by PD788										
PD743	9/25/14	P-213/P-338/P-341	Intersection	INT	Covered by PD788										
PD744	9/25/14	P-212/P-338	PDF-131	DF	9/26/14	3:26 PM	2x5	P	LD	116	09/29/14	JR	NA	PASS	
PD745	9/25/14	P-326/P-327/P-328	Intersection	INT	9/26/14	4:51 PM	2x7	P	LD	116	09/30/14	PL	CS	PASS	Covers PD721
PD746	9/25/14	P-327/P-328	27' E of W EOS	PT	9/30/14	1:26 PM	2x4	P	LD	120	09/30/14	JR	BM	PASS	
PD747	9/25/14	P-327/P-328	18' E of W EOS	WR	9/30/14	1:20 PM	2x6	P	LD	120	09/30/14	JR	BM	PASS	
PD748	9/25/14	P-328/P-329/P-330	Intersection	INT	9/26/14	5:09 PM	2x3	P	LD	116	09/30/14	PL	CS	PASS	
PD749	9/25/14	P-329/P-330/P-331	Intersection	INT	9/26/14	5:18 PM	2x3	P	LD	116	09/30/14	PL	CS	PASS	
PD750	9/25/14	P-330/P-331/P-332	Intersection	INT	9/26/14	4:59 PM	2x2	P	LD	116	09/30/14	PL	CS	PASS	
PD751	9/25/14	P-331/P-332/P-334	Intersection	INT	9/26/14	5:04 PM	2x2	P	LD	116	09/30/14	PL	CS	PASS	
PD752	9/25/14	P-331/P-333/P-334	Intersection	INT	Covered by PD737										
PD753	9/25/14	P-336/P-337/P-338	Intersection	INT	9/26/14	5:45 PM	1x2	P	LD	116	09/30/14	PL	CS	PASS	
PD754	9/25/14	P-338/P-339/P-340	Intersection	INT	9/26/14	5:54 PM	2x4	P	LD	116	09/30/14	PL	CS	PASS	
PD755	9/25/14	P-340/P-342/P-343	Intersection	INT	Covered by PD760										
PD756	9/25/14	P-332/P-334/P-335	Intersection	INT	9/26/14	4:10 PM	2x3	P	LD	116	09/30/14	PL	CS	PASS	
PD757	9/25/14	P-334/P-335/P-336	Intersection	INT	9/26/14	4:05 PM	2x4	P	LD	116	09/30/14	PL	CS	PASS	
PD758	9/25/14	P-338/P-340/P-341	Intersection	INT	9/26/14	3:06 PM	2x3	P	LD	116	09/30/14	PL	CS	PASS	
PD759	9/25/14	P-340/P-341/P-343	Intersection	INT	9/29/14	11:24 AM	2x3	P	LD	120	09/30/14	PL	CS	PASS	
PD760	9/25/14	P-340/P-342	PDF-132	DF	9/26/14	6:14 PM	3x10	P	LD	116	09/30/14	PL	CS	PASS	Covers PD755
PD761	9/26/14	P-345/P-348	PDF-133	DF	9/29/14	0.470139	2x5	P	LD	120	09/29/14	JR	NA	PASS	
PD762	9/26/14	P-343/P-345	5' W of E EOS	IO	9/26/14	1:30 PM	3x5	P	LD	116	09/29/14	JR	NA	PASS	
PD763	9/26/14	P-343/P-344/P-345	Intersection	INT	9/29/14	11:33 AM	2x2	P	LD	120	09/30/14	RL	CS	PASS	
PD764	9/26/14	P-344/P-345/P-347	Intersection	INT	Covered by PD766										
PD765	9/26/14	P-347/P-348/P-349	Intersection	INT	9/29/14	11:07 AM	2x2	P	LD	120	09/30/14	PL	CS	PASS	
PD766	9/26/14	P-344/P-347	E EOS to 12' W	FS	9/26/14	6:58 PM	3x15	P	LD	116	09/30/14	PL	CS	PASS	Covers PD764
PD767	9/26/14	P-344/P-346/P-347	Intersection	INT	9/26/14	6:23 PM	2x2	P	LD	116	09/30/14	PL	CS	PASS	
PD768	9/26/14	P-345/P-347/P-348	Intersection	INT	9/29/14	11:12 AM	2x3	P	LD	120	09/30/14	PL	CS	PASS	
PD769	9/26/14	P-349/P-350/P-351	Intersection	INT	9/29/14	12:13 PM	2x4	P	LD	120	09/30/14	JR	BM	PASS	
PD770	9/26/14	P-288	2' W of E EOP/8' N	DO	9/26/14	6:46 PM	1x2	P	LD	116	09/26/14	AV	TB	PASS	
PD771	9/26/14	P-286	4' W of E EOP	DO	9/26/14	11:41 AM	3x5	P	LD	116	09/26/14	AV	TB	PASS	
PD772	9/26/14	P-355/P-357	PDF-134	DF	9/29/14	12:58 PM	2x5	P	LD	120	09/30/14	JR	BM	PASS	
PD773	9/26/14	P-362/P-363	PDF-135	DF	9/29/14	1:00 PM	3x5	P	PL	108	09/30/14	JR	BM	PASS	
PD774	9/26/14	P-341/P-343	Anchor Trench	IO	9/26/14	1:38 PM	3x66	P	LD	116	09/29/14	JR	NA	PASS	
PD775	9/26/14	P-358/P-359	S EOS to 5' N	IO	Covered by PD776										
PD776	9/26/14	P-357/P-358	19' E to E EOS	FS	9/29/14	11:57 AM	3x10	C	LD	120	09/30/14	JR	BM	PASS	Covers PD775, PD782, PD783 & PD820
PD777	9/26/14	P-208/P-209/P-330/P-332	Intersection/FS	INT/FS	9/26/14	2:17 PM	4x6	C	LD	116	09/29/14	JR	NA	PASS	Covers PD729 & PD728

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD778	9/26/14	P-207/P-208/P-328/P-330	Intersection/FS	INT/FS	9/26/14	2:01 PM	4x4	C	LD	116	09/29/14	JR	NA	PASS	Covers PD726 & PD727
PD779	9/26/14	P-353/P-354/P-359/P-361	Intersection	INT	9/29/14	10:52 AM	7x7	P	LD	120	09/30/14	JR	BM	PASS	
PD780	9/26/14	P-354/P-359/P-360	Intersection	INT	9/29/14	10:52 AM	7x7	P	LD	120	09/30/14	JR	BM	PASS	
PD781	9/26/14	P-358/P-359/P-360	Intersection	INT	9/29/14	10:56 AM	2x2	P	LD	120	09/30/14	JR	BM	PASS	
PD782	9/26/14	P-357/P-358/P-359	Intersection	INT	Covered by PD776										
PD783	9/26/14	P-352/P-357/P-359	Intersection	INT	Covered by PD776										
PD784	9/26/14	P-356/P-357/P-358	Intersection	INT	9/29/14	11:38 AM	2x3	P	LD	120	09/30/14	JR	BM	PASS	
PD785	9/26/14	P-368/P-371	PDF-136	DF	9/29/14	12:03 PM	3x5	P	PL	108	09/30/14	JR	BM	PASS	
PD786	9/26/14	P-210/P-211/P-335/P-336	Intersection	INT	9/26/14	2:48 PM	4x6	C	LD	116	09/29/14	JR	NA	PASS	Covers PD735 & PD736
PD787	9/26/14	P-211/P-335	Entire Seam	FS	9/26/14	2:55 PM	6x7	C	LD	116	09/29/14	JR	NA	PASS	Covers PD742 & PD743
PD788	9/26/14	P-213/P-338	Entire Seam	FS	9/26/14	3:26 PM	6x7	C	LD	116	09/29/14	JR	NA	PASS	Covers PD742 & PD743
PD789	9/26/14	P-362/P-363/P-364	Intersection	INT	9/29/14	11:45 AM	2x4	P	PL	108	09/30/14	JR	BM	PASS	
PD790	9/26/14	P-363/P-364/P-366	Intersection	INT	9/29/14	11:56 AM	2x2	P	PL	108	09/30/14	JR	BM	PASS	
PD791	9/29/14	P-352/P-353/P-359	Intersection	INT	9/29/14	11:49 AM	2x2	P	LD	120	09/30/14	JR	BM	PASS	
PD792	9/26/14	P-365/P-367	25' S to S EOS	FS	9/30/14	12:04 PM	3x12	C	LD	120	09/30/14	JR	BM	PASS	Covers PD821
PD793	9/26/14	P-365/P-366/P-367	Intersection	INT	9/30/14	11:28 AM	2x2	P	LD	120	09/30/14	JR	BM	PASS	
PD794	9/26/14	P-366/P-367/P-368	Intersection	INT	9/29/14	1:43 PM	3x3	P	PL	108	09/30/14	JR	BM	PASS	
PD795	9/26/14	P-367/P-368/P-370	Intersection	INT	9/29/14	1:53 PM	3x4	P	PL	108	09/30/14	JR	BM	PASS	
PD796	9/26/14	P-368/P-370/P-371	Intersection	INT	9/29/14	12:09 PM	2x3	P	PL	108	09/30/14	JR	BM	PASS	
PD797	9/26/14	P-370/P-372	PDF-137	DF	9/30/14	12:42 PM	2x5	P	LD	120	09/30/14	JR	BM	PASS	
PD798	9/26/14	P-370/P-371/P-372	Intersection	INT	9/29/14	12:50 PM	3x3	P	PL	108	09/30/14	JR	BM	PASS	
PD799	9/26/14	P-331/P-333/P-372	Intersection	INT	9/30/14	1:08 PM	2x3	P	LD	120	09/30/14	JR	BM	PASS	
PD800	9/26/14	P-333/P-369/P-372	Intersection	INT	9/30/14	1:03 PM	2x3	P	LD	120	09/30/14	JR	BM	PASS	
PD801	9/26/14	P-333/P-334/P-336	Intersection	INT	Covered by PD802										
PD802	9/26/14	P-333/P-336	Entire Seam	FS	9/30/14	12:53 PM	2x5	C	LD	120	09/30/14	JR	BM	PASS	Covers PD801 & PD803
PD803	9/26/14	P-333/P-336/P-369	Intersection	INT	Covered by PD802										
PD804	9/26/14	P-336/P-367/P-369	Intersection	INT	9/30/14	12:36 PM	6x7	P	LD	120	09/30/14	JR	BM	PASS	
PD805	9/26/14	P-336/P-337/P-367	Intersection	INT	9/30/14	12:14 PM	2x3	P	LD	120	09/30/14	JR	BM	PASS	
PD806	9/26/14	P-337/P-365/P-367	Intersection	INT	Covered by PD792										
PD807	9/26/14	P-337/P-338/P-339/P-365	Intersection	INT	9/30/14	11:51 AM	3x4	P	LD	120	09/30/14	JR	BM	PASS	
PD808	9/26/14	P-339/P-365/P-366	Intersection	INT	Covered by PD809										
PD809	9/26/14	P-339/P-340/P-363/P-366	Intersection/FS	INT/FS	9/30/14	11:35 AM	3x16	C	LD	120	09/30/14	JR	BM	PASS	Covers PD808 & PD810
PD810	9/26/14	P-340/P-342/P-343	Intersection	INT	Covered by PD809										
PD811	9/26/14	P-342/P-343/P-344/P-362/P-363	Intersection	INT	9/29/14	1:34 PM	4x6	P	LD	120	09/30/14	PL	CS	PASS	
PD812	9/26/14	P-344/P-346/P-362	Intersection	INT	9/29/14	1:28 PM	3x5	P	LD	120	09/30/14	PL	CS	PASS	
PD813	9/26/14	P-362/P-363	93' S of N EOS	BO	9/26/14	1:13 PM	3x3	P	PL	108	09/30/14	JR	CS	PASS	
PD814	9/26/14	P-346/P-355/P-362	Intersection	INT	9/26/14	1:22 PM	3x3	P	LD	120	09/30/14	PL	CS	PASS	
PD815	9/26/14	P-346/P-347/P-349/P-355	Intersection	INT	9/26/14	1:11 PM	3x3	P	LD	120	09/30/14	JR	BM	PASS	
PD816	9/26/14	P-349/P-355/P-356	Intersection	INT	9/26/14	1:04 PM	2x4	P	LD	120	09/30/14	JR	BM	PASS	
PD817	9/26/14	P-349/P-350/P-356	Intersection	INT	9/26/14	12:53 PM	2x5	P	LD	120	09/30/14	JR	BM	PASS	
PD818	9/26/14	P-350/P-356/P-357	Intersection	INT	9/26/14	12:09 PM	2x2	P	LD	120	09/30/14	JR	BM	PASS	
PD819	9/26/14	P-350/P-351/P-352/P-357	Intersection	INT	9/26/14	12:04 PM	2x4	P	LD	120	09/30/14	JR	BM	PASS	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
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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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD820	9/26/14	P-352/P-357/P-358/P-359	Intersection	INT	Covered by PD776										
PD821	9/26/14	P-337/P-367	PDF-138	DF	Covered by PD792										
PD822	9/26/14	P-366/P-368	At crest	WR	9/30/14	11:05 AM	3x3	P	LD	120	09/30/14	JR	BM	PASS	
PD823	9/26/14	P-371/P-372	At crest	WR	9/30/14	11:15 AM	2x4	P	LD	120	09/30/14	JR	BM	PASS	
PD824	9/30/14	P-369/P-370/P-372	Intersection	INT	9/30/14	12:48 PM	2x2	P	LD	120	09/30/14	JR	BM	PASS	
PD825	9/30/14	P-369/P-371	17' S of N EOS	BO	9/30/14	12:57 PM	2x5	P	LD	120	09/30/14	JR	BM	PASS	
PD826	10/1/14	P-373/P-374	28' W of E EOS	BO	Covered by PD828										
PD827	10/1/14	P-291/P-292/P-373	Intersection	INT	10/1/14	2:49 PM	3x5	P	LD	116	10/01/14	DT	BM	PASS	
PD828	10/1/14	P-292/P-373/P-374	Intersection	INT	10/1/14	3:45 PM	3x8	P	LD	116	10/01/14	DT	BM	PASS	Covers PD826
PD829	10/1/14	P-292/P-293/P-374	Intersection	INT	10/1/14	3:50 PM	2x3	P	LD	116	10/01/14	DT	BM	PASS	
PD830	10/1/14	P-295/P-376	PDF-139	DF	10/1/14	4:20 PM	3x8	P	LD	116	10/01/14	DT	BM	PASS	Covers PD838
PD831	10/1/14	P-293/P-374/P-375	Intersection	INT	10/1/14	4:53 PM	3x3	P	LD	116	10/01/14	DT	BM	PASS	
PD832	10/1/14	P-293/P-294/P-375	Intersection	INT	10/1/14	4:45 PM	3x4	P	LD	116	10/01/14	DT	BM	PASS	
PD833	10/1/14	P-321/P-373	PDF-140	DF	10/1/14	4:08 PM	2x5	P	LD	120	10/01/14	DT	BM	PASS	
PD834	10/1/14	P-294/P-375	8' N of S EOS	BO	10/1/14	3:57 PM	2x2	P	LD	120	10/01/14	DT	BM	PASS	
PD835	10/1/14	P-294/P-375	13' N to N EOS	IO	10/1/14	4:20 PM	2x10	C	LD	116	10/01/14	DT	BM	PASS	
PD836	10/1/14	P-294/P-376	Entire Seam	FS	10/1/14	4:23 PM	3x15	C	LD	116	10/01/14	DT	BM	PASS	Covers PD837
PD837	10/1/14	P-294/P-375/P-376	Intersection	INT	Covered by PD836										
PD838	10/1/14	P-294/P-295/P-376	Intersection	INT	Covered by PD830										
PD839	10/1/14	P-291	28' W of E EOP/6' N	DO	10/1/14	5:09 PM	2x3	P	LD	120	10/01/14	OT	BM	PASS	
PD840	10/3/14	P-295/P-377	At crest	WR	10/4/14	8:45 AM	2x5	P	LD	116	10/06/14	DT	DW	PASS	
PD841	10/3/14	P-295/P-376/P-377	Intersection	INT	10/4/14	11:33 AM	2x3	P	LD	116	10/06/14	DT	DW	PASS	
PD842	10/3/14	P-378/P-379/P-380	Intersection	INT	Covered by PD863										
PD843	10/3/14	P-378/P-380/P-381	Intersection	INT	10/4/14	9:13 AM	2x2	P	LD	116	10/06/14	DT	DW	PASS	
PD844	10/3/14	P-378/P-381	PDF-141	DF	10/4/14	9:06 AM	2x6	P	LD	116	10/06/14	DT	DW	PASS	
PD845	10/3/14	P-380/P-382	PDF-142	DF	10/4/14	9:27 AM	2x5	P	LD	116	10/06/14	DT	DW	PASS	
PD846	10/3/14	P-380/P-381/P-382	Intersection	INT	10/4/14	9:20 AM	2x3	P	LD	116	10/06/14	DT	DW	PASS	
PD847	10/3/14	P-381/P-382/P-383	Intersection	INT	10/4/14	8:52 AM	2x3	P	LD	116	10/06/14	DT	DW	PASS	
PD848	10/3/14	P-382/P-384/P-385	Intersection	INT	10/4/14	10:44 AM	2x3	P	LD	116	10/06/14	DT	DW	PASS	
PD849	10/3/14	P-382/P-383/P-385	Intersection	INT	10/4/14	9:01 AM	2x2	P	LD	116	10/06/14	DT	DW	PASS	
PD850	10/3/14	P-385/P-386/P-387	Intersection	INT	10/4/14	9:35 AM	2x3	P	LD	116	10/06/14	DT	DW	PASS	
PD851	10/3/14	P-386/P-388/P-389	Intersection	INT	10/4/14	9:50 AM	2x2	P	LD	116	10/06/14	DT	DW	PASS	
PD852	10/3/14	P-386/P-387/P-389	Intersection	INT	10/4/14	9:40 AM	2x2	P	LD	116	10/06/14	DT	DW	PASS	
PD853	10/3/14	P-389/P-390/P-391	Intersection	INT	10/4/14	9:54 AM	2x2	P	LD	116	10/06/14	DT	DW	PASS	
PD854	10/3/14	P-387/P-389	PDF-143	DF	10/4/14	10:07 AM	2x5	P	LD	116	10/06/14	DT	DW	PASS	
PD855	10/3/14	P-389/P-390	PDF-144	DF	10/4/14	1:54 PM	2x9	P	LD	116	10/06/14	DT	DW	PASS	
PD856	10/3/14	P-390/P-391/P-392	Intersection	INT	10/4/14	10:01 AM	2x2	P	LD	116	10/06/14	DT	DW	PASS	
PD857	10/3/14	P-392/P-393/P-394	Intersection	INT	10/4/14	10:30 AM	2x3	P	LD	116	10/06/14	DT	DW	PASS	
PD858	10/3/14	P-392/P-394/P-395	Intersection	INT	10/4/14	10:18 AM	2x3	P	LD	116	10/06/14	DT	DW	PASS	
PD859	10/3/14	P-394/P-395/P-396	Intersection	INT	10/4/14	10:23 AM	2x2	P	LD	116	10/06/14	DT	DW	PASS	
PD860	10/3/14	P-372/P-398	At crest	WR	10/4/14	3:44 PM	3x6	P	LD	116	10/06/14	GH	DW	PASS	

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary 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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD861	10/3/14	P-372/P-398	PDF-145	DF	10/4/14	4:50 PM	2x6	P	LD	116	10/06/14	GH	DW	PASS	
PD862	10/3/14	P-398/P-399	PDF-146	DF	10/6/14	9:20 AM	3x7	P	JD	120	10/06/14	DT	DW	PASS	
PD863	10/3/14	P-378/P-380	132' E of W EOS	PT	10/4/14	11:27 AM	2x22	C	LD	116	10/06/14	DT	DW	PASS	Covers PD842
PD864	10/3/14	P-328/P-398	PDF-147	DF	10/6/14	10:26 AM	4x16	P	LD	116	10/06/14	DT	DW	PASS	Covers PD872 & PD939
PD865	10/3/14	P-383	4' W of E EOP/4' S	DO	10/4/14	8:56 AM	2x2	P	LD	116	10/06/14	DT	DW	PASS	
PD866	10/3/14	P-372/P-398	252' S of N EOS	WR	10/6/14	10:12 AM	5x10	P	JD	120	10/06/14	DT	DW	PASS	
PD867	10/3/14	P-378/P-379/P-401	Intersection	INT	10/4/14	11:43 AM	2x2	P	LD	116	10/06/14	DT	DW	PASS	
PD868	10/3/14	P-394	3' W of E EOP/3' N	DO	10/4/14	10:27 AM	2x2	P	LD	116	10/06/14	DT	DW	PASS	
PD869	10/3/14	P-403/P-405	PDF-148	DF	10/4/14	5:10 PM	2x7	P	LD	116	10/06/14	GH	DW	PASS	Covers PD901
PD870	10/3/14	P-407/P-408	PDF-149	DF	10/4/14	4:10 PM	2x5	P	LD	116	10/06/14	GH	DW	PASS	
PD871	10/3/14	P-329/P-331/P-398	Intersection	INT	10/6/14	8:46 AM	5X10	P	JD	120	10/06/14	DT	DW	PASS	
PD872	10/3/14	P-328/P-329/P-398	Intersection	INT	Covered by PD864										
PD873	10/3/14	P-414/P-416	PDF-150	DF	10/6/14	9:19 AM	2X4	P	LD	116	10/06/14	GH	DW	PASS	
PD874	10/3/14	P-416/P-417	PDF-151	DF	10/6/14	9:25 AM	2X4	P	LD	116	10/06/14	GH	DW	PASS	
PD875	10/3/14	P-379/P-380/P-401	Intersection	INT	Covered by PD876										
PD876	10/4/14	P-380/P-401	Entire Seam	FS	10/4/14	12:02 PM	2x7	C	LD	116	10/06/14	DT	DW	PASS	Covers PD875 & PD877
PD877	10/4/14	P-380/P-382/P-401	Intersection	INT	Covered by PD876										
PD878	10/4/14	P-382/P-384/P-401	Intersection	INT	10/4/14	12:09 PM	2x5	P	LD	116	10/06/14	DT	DW	PASS	
PD879	10/4/14	P-384/P-385/P-401	Intersection	INT	Covered by PD880										
PD880	10/4/14	P-385/P-401	Entire Seam	FS	10/4/14	12:16 PM	2x7	C	LD	116	10/06/14	GH	DW	PASS	Covers PD879 & PD881
PD881	10/4/14	P-385/P-386/P-401	Intersection	INT	Covered by PD880										
PD882	10/4/14	P-386/P-388/P-401	Intersection	INT	10/4/14	1:38 PM	2x4	P	LD	116	10/06/14	DT	DW	PASS	
PD883	10/4/14	P-388/P-390/P-401	Intersection	INT	Covered by PD884										
PD884	10/4/14	P-388/P-390	Entire Seam	FS	10/4/14	1:50 PM	2x8	P	LD	116	10/06/14	DT	DW	PASS	Covers PD882 & PD885
PD885	10/4/14	P-388/P-389/P-390	Intersection	INT	Covered by PD884										
PD886	10/4/14	P-390/P-392/P-401	Intersection	INT	10/4/14	1:58 PM	2x4	P	LD	116	10/06/14	DT	DW	PASS	
PD887	10/4/14	P-392/P-393/P-401	Intersection	INT	10/4/14	2:04 PM	2x5	P	LD	116	10/06/14	DT	DW	PASS	
PD888	10/4/14	P-393/P-401/P-402	Intersection	INT	10/4/14	2:10 PM	2x5	P	LD	116	10/06/14	DT	DW	PASS	
PD889	10/4/14	P-393/P-394/P-396/P-402	Intersection	INT	10/4/14	2:21 PM	2x7	P	LD	116	10/06/14	DT	DW	PASS	
PD890	10/4/14	P-396/P-397/P-402	Intersection	INT	10/4/14	2:27 PM	2x4	P	LD	116	10/06/14	DT	DW	PASS	
PD891	10/4/14	P-397/P-402	At crest	WR	10/4/14	2:38 PM	5x8	P	LD	116	10/06/14	DT	DW	PASS	
PD892	10/4/14	P-327/P-328	PDF-152	DF	10/6/14	10:50 AM	3x8	P	JD	120	10/06/14	DT	DW	PASS	Covers PD938
PD893	10/4/14	P-401/P-413	PDF-153	DF	10/6/14	11:03 AM	2x12	P	LD	116	10/06/14	GH	DW	PASS	Covers PD926
PD894	10/4/14	P-400/P-403	PDF-154	DF	10/6/14	9:39 AM	3x5	P	JD	120	10/06/14	DT	DW	PASS	Covers PD932
PD895	10/4/14	P-425/P-426	13' W of E EOS	PT	10/6/14	9:03 AM	2x14	C	LD	116	10/06/14	GH	DW	PASS	
PD896	10/4/14	P-422/P-423	PDF-155	DF	10/6/14	9:49 AM	2x5	P	LD	116	10/06/14	GH	DW	PASS	
PD897	10/4/14	P-403/P-406/P-407	Intersection	INT	10/4/14	4:02 PM	2x4	P	LD	116	10/06/14	GH	DW	PASS	
PD898	10/4/14	P-406/P-407/P-408	Intersection	INT	10/4/14	4:16 PM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD899	10/4/14	P-410/P-411/P-412	Intersection	INT	10/4/14	4:24 PM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD900	10/4/14	P-411/P-412/P-414	Intersection	INT	10/4/14	4:35 PM	2x6	P	LD	116	10/06/14	GH	DW	PASS	
PD901	10/4/14	P-403/P-405/P-406	Intersection	INT	Covered by PD869										

Cripple Creek & Victor Gold Mining Company
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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	TECH ID.	QA MONITOR	PASS/ FAIL	
PD902	10/4/14	P-405/P-406/P-408	Intersection	INT	10/4/14	5:23 PM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD903	10/4/14	P-403/P-404/P-405	Intersection	INT	10/4/14	5:16 PM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD904	10/4/14	P-408/P-409/P-410	Intersection	INT	10/4/14	5:30 PM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD905	10/4/14	P-411/P-413/P-414	Intersection	INT	10/4/14	5:38 PM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD906	10/4/14	P-414/P-415/P-416	Intersection	INT	10/4/14	5:46 PM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD907	10/4/14	P-415/P-416/P-417	Intersection	INT	10/4/14	6:01 PM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD908	10/4/14	P-417/P-418/P-419	Intersection	INT	10/6/14	8:22 AM	2X2	P	LD	116	10/06/14	GH	DW	PASS	
PD909	10/4/14	P-417/P-419/P-420	Intersection	INT	10/6/14	8:22 AM	2X2	P	JD	120	10/06/14	GH	DW	PASS	
PD910	10/4/14	P-419/P-420/P-421	Intersection	INT	10/6/14	8:10 AM	2X3	P	JD	120	10/06/14	GH	DW	PASS	
PD911	10/4/14	P-421/P-422/P-423	Intersection	INT	10/6/14	8:27 AM	2X2	P	LD	116	10/06/14	GH	DW	PASS	
PD912	10/4/14	P-420	12' W of E EOP/5' N	DO	10/6/14	8:28 AM	2x2	P	JD	120	10/06/14	GH	DW	PASS	
PD913	10/4/14	P-423/P-425/P-426	Intersection	INT	10/6/14	8:45 AM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD914	10/4/14	P-425/P-426/P-427	Intersection	INT	10/6/14	9:10 AM	2x6	P	LD	116	10/06/14	GH	DW	PASS	
PD915	10/4/14	P-423/P-424/P-425	Intersection	INT	10/6/14	8:37 AM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD916	10/4/14	P-424/P-425/P-427	Intersection	INT	10/6/14	8:56 AM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD917	10/4/14	P-400/P-403	210' S of N EOS	WR	10/6/14	11:43 AM	5x6	P	LD	116	10/06/14	GH	DW	PASS	
PD918	10/6/14	P-377/P-429	Entire Seam	FS	10/6/14	11:04 AM	3x10	C	JD	120	10/06/14	GH	DW	PASS	Covers PD935 & PD936
PD919	10/6/14	P-401/P-422	25' S of N EOS	BO	10/6/14	10:31 AM	3x4	P	LD	116	10/06/14	GH	DW	PASS	
PD920	10/6/14	P-402/P-422/P-423/P-424	Intersection	INT	10/6/14	9:45 AM	2x5	P	LD	116	10/06/14	GH	DW	PASS	
PD921	10/6/14	P-401/P-402/P-422	Intersection	INT	10/6/14	9:53 AM	2x2	P	LD	116	10/06/14	GH	DW	PASS	
PD922	10/6/14	P-401/P-421/P-422	Intersection	INT	10/6/14	9:57 AM	2x5	P	LD	116	10/06/14	GH	DW	PASS	
PD923	10/6/14	P-401/P-418/P-419/P-421	Intersection	INT	10/6/14	10:36 AM	2x4	P	LD	116	10/06/14	GH	DW	PASS	
PD924	10/6/14	P-401/P-417/P-418	Intersection	INT	10/6/14	10:40 AM	2x4	P	LD	116	10/06/14	GH	DW	PASS	
PD925	10/6/14	P-401/P-415/P-417	Intersection	INT	10/6/14	10:47 AM	2x4	P	LD	116	10/06/14	GH	DW	PASS	
PD926	10/6/14	P-401/P-413/P-414/P-415	Intersection	INT	Covered by PD893										
PD927	10/6/14	P-401/P-411/P-413	Intersection	INT	10/6/14	11:10 AM	2x4	P	LD	116	10/06/14	GH	DW	PASS	
PD928	10/6/14	P-401/P-409/P-410/P-411	Intersection	INT	10/6/14	11:22 AM	2x6	P	LD	116	10/06/14	GH	DW	PASS	
PD929	10/6/14	P-401/P-408/P-409	Intersection	INT	10/6/14	11:28 AM	2x3	P	LD	116	10/06/14	GH	DW	PASS	
PD930	10/6/14	P-401/P-404/P-405/P-408	Intersection	INT	10/6/14	11:33 AM	2x4	P	LD	116	10/06/14	GH	DW	PASS	
PD931	10/6/14	P-401/P-403/P-404	Intersection	INT	10/6/14	9:53 AM	4x5	P	JD	120	10/06/14	GH	DW	PASS	
PD932	10/6/14	P-400/P-401/P-403	Intersection	INT	Covered by PD894										
PD933	10/6/14	P-377/P-378/P-401	Intersection	INT	10/6/14	11:23 AM	4x8	P	JD	120	10/06/14	DT	DW	PASS	
PD934	10/6/14	P-377/P-400/P-401	Intersection	INT	10/6/14	11:17 AM	4x5	P	JD	120	10/06/14	DT	DW	PASS	
PD935	10/6/14	P-377/P-400/P-429	Intersection	INT	Covered by PD918										
PD936	10/6/14	P-376/P-377/P-429	Intersection	INT	Covered by PD918										
PD937	10/6/14	P-327/P-376/P-429	Intersection	INT	10/6/14	11:28 AM	3x3	P	JD	120	10/06/14	DT	DW	PASS	
PD938	10/6/14	P-327/P-328/P-429	Intersection	INT	Covered by PD892										
PD939	10/6/14	P-328/P-398/P-429	Intersection	INT	Covered by PD864										
PD940	10/6/14	P-398/P-399/P-429	Intersection	INT	Covered by PD862										
PD941	10/6/14	P-377/PD918	PDX-4	DX	10/6/14	11:51 AM	2x5	P	JD	120	10/06/14	DT	DW	PASS	
PD942	10/6/14	P-399/P-400/P-429	Intersection	INT	10/6/14	10:58 AM	2x2	P	JD	120	10/06/14	DT	DW	PASS	

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Defect / Repair Summary**



Notes:

- 1.
 2. At = Anchor Trench; TI = East, West, North, South Tie-In; WEOS = West End of Seam; EEOS = East End of Seam; NEOS = North End of Seam; SEOS = South End of Seam
Defect Type:
FM = Fishmouth
BO = Burnout
3. W = Wrinkle
Defect Repair Type:
P = Patch
C = Cap
4. B = Bead
Vacuum Test:
Pass or Fail
If a vacuum test fails, the defect is given a new defect number. It is then re-repaired and re-vacuum tested.
- | | | | |
|--------------------------|--------------------------|---------------------------|------------------|
| DF = Destruct Fusion | PU = Puncture | DO = Damage by Others | FS = Failed Seam |
| DX = Destruct Extrusion | PT = Pressure Test | WR = Welder Restart | BS = Boot Skirt |
| MD = Manufacturer Defect | INT = Panel Intersection | IO = Insufficient Overlap | |

Appendix K.5

**Primary Geomembrane Fusion &
Extrusion Destructive Testing Summary**

Fusion Welds

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS/ FAIL	QA MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
PDF-1	P-2/P-3	08/11/14	93	JT	08/12/14	169	143	1652	159	168	185	185	182	181	134	204	203	199	199	195	PASS	AT	
PDF-2	P-4/P-5	08/11/14	93	JT	08/12/14	165	157	171	170	172	152	151	168	165	168	199	195	184	181	191	PASS	AT	
PDF-3	P-5/P-6	08/11/14	94	JD	08/12/14	174	154	167	152	174	174	175	183	185	183	200	198	203	205	204	PASS	AT	
PDF-4	P-7/P-8	08/12/14	94	JD	08/12/14	169	163	162	169	162	163	163	131	130	165	169	185	172	180	182	PASS	AT	
PDF-5	P-8/P-9	08/13/14	93	JT	08/13/14	201	182	152	164	195	172	189	164	152	162	205	215	203	205	204	PASS	CS	
PDF-6	P-10/P-11	08/13/14	93	JT	08/13/14	158	148	170	171	160	148	168	151	187	172	197	204	205	207	200	PASS	CS	
PDF-7	P-11/P-13	08/13/14	94	JD	08/13/14	167	187	161	187	173	165	186	154	187	159	188	189	192	190	197	PASS	CS	
PDF-8	P-11/P-17	08/13/14	94	JD	08/13/14	139	131	163	144	150	140	130	158	163	125	185	183	188	183	185	PASS	CS	
PDF-9	P-17/P-18	08/13/14	93	JT	08/13/14	154	181	184	182	135	155	167	177	173	185	187	198	196	200	194	PASS	CS	
PDF-10	P-18/P-19	08/13/14	94	JD	08/13/14	143	126	128	161	142	149	148	139	165	159	172	167	162	160	169	PASS	CS	
PDF-11	P-21/P-22	08/13/14	93	JT	08/16/14	131	145	149	174	153	160	163	130	150	182	212	210	202	205	203	PASS	AF	
PDF-12	P-26/P-27	08/14/14	93	JT	08/15/14	143	138	122	132	131	131	125	135	158	120	160	159	169	167	170	PASS	AF	
PDF-13	P-18/P-24	08/14/14	94	JD	08/15/14	135	152	119	129	122	138	145	135	140	125	147	154	142	146	150	PASS	AF	
PDF-14	P-40/P-41	08/15/14	94	JD	08/16/14	176	145	186	158	190	187	151	186	164	165	215	209	204	208	210	PASS	AF	
PDF-15	P-44/P-46	08/15/14	93	JT	08/16/14	217	168	140	199	193	192	188	148	200	188	223	222	222	221	212	PASS	AF	
PDF-16	P-52/P-53	08/15/14	94	JD	08/16/14	141	147	157	160	176	165	163	186	165	154	198	192	191	187	191	PASS	AT	
PDF-17	P-53/P-59	08/15/14	93	JT	08/16/14	120	153	125	146	127	142	143	134	144	155	149	149	159	169	164	PASS	AF	
PDF-18	P-58/P-60	08/16/14	94	JD	08/16/14	140	149	140	119	120	144	136	131	135	140	135	138	141	139	153	PASS	AF	
PDF-19	P-62/P-66	08/16/14	94	JD	08/16/14	154	134	131	131	130	166	158	161	158	163	160	156	156	168	176	PASS	AF	
PDF-20	P-28/P-61	08/16/14	93	JT	08/16/14	166	160	144	133	136	118	121	141	163	172	186	180	179	175	180	PASS	AF	
PDF-21	P-68/P-69	08/25/14	93	JT	08/25/14	144	132	126	133	162	138	169	161	173	128	176	171	185	173	186	PASS	AT	
PDF-22	P-69/P-70	08/25/14	94	JD	08/25/14	150	183	159	148	156	174	178	176	175	170	187	148	176	186	173	PASS	AT	
PDF-23	P-70/P-71	08/25/14	93	JT	08/25/14	136	140	155	147	149	136	165	181	170	169	170	169	180	177	175	PASS	AT	
PDF-24	P-73A/P-74	08/25/14	94	JD	08/26/14	152	154	142	128	130	158	154	152	143	156	161	167	156	168	176	PASS	AF	
PDF-25	P-74/P-75	08/25/14	93	JT	08/26/14	136	158	134	129	170	166	165	129	144	194	172	175	178	179	175	PASS	AF	
PDF-26	P-21/P-77	08/26/14	94	JD	08/27/14	157	164	168	169	172	154	164	170	168	167	195	179	191	185	184	PASS	CS	
PDF-27	P-77/P-78	08/16/14	94	JD	09/09/14	165	202	145	205	144	177	196	151	192	201	221	218	204	208	225	PASS	CS	
PDF-28	P-79/P-80	08/26/14	93	JT	09/07/14	155	156	158	155	149	150	157	152	157	157	170	167	173	168	175	PASS	AF	
PDF-29	P-79/P-80	08/26/14	93	JT	09/07/14	170	173	185	180	200	171	167	185	170	174	204	196	204	202	202	PASS	AF	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS/ FAIL	QA MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
PDF-30	P-82/P-83	08/27/14	94	JD	09/04/14	194	191	199	193	195	179	173	131	139	202	235	227	231	227	233	PASS	AF	
PDF-31	P-66/P-83	08/27/14	93	JT	09/04/14	196	192	197	198	196	206	202	212	203	185	229	229	233	219	227	PASS	AF	
PDF-32	P-85/P-87	08/27/14	94	JD	09/07/14	168	177	180	173	170	166	186	167	177	162	185	183	186	184	195	PASS	AF	
PDF-33	P-89/P-92	09/03/14	94	JT	09/07/14	167	166	171	173	174	168	160	164	173	164	195	192	197	189	197	PASS	AF	
PDF-34	P-66/P-95	09/03/14	93	JT	09/04/14	148	148	184	179	174	168	173	171	174	189	207	204	210	208	212	PASS	AF	
PDF-35	P-101/P-102	09/03/14	93	JT	09/04/14	143	147	148	151	138	182	176	188	178	192	199	196	203	200	210	PASS	AF	
PDF-36	P-89/P-104	09/03/14	93	JT	09/09/14	203	148	156	135	154	185	156	135	158	154	156	159	194	187	156	PASS	CS	
PDF-37	P-106/P-109	09/03/14	94	GB	09/09/14	214	194	134	166	128	212	186	133	162	208	235	235	206	206	223	PASS	CS	
PDF-38	P-113/P-115	09/04/14	94	JD	09/09/14	139	179	176	180	184	170	181	146	193	201	237	231	226	220	217	PASS	CS	
PDF-39	P-115/P-118	09/04/14	93	JT	09/09/14	179	190	171	152	142	154	186	173	166	135	217	212	218	209	219	PASS	CS	
PDF-40	P-116/P-119	09/04/14	94	JD	09/09/14	194	182	197	166	169	192	176	188	187	188	221	219	227	219	222	PASS	CS	
PDF-41	P-120/P-121	09/04/14	93	JT	09/09/14	137	208	134	163	198	143	205	130	135	147	209	239	244	235	225	PASS	CS	
PDF-42	P-121/P-122	09/04/14	94	JD	09/09/14	135	148	178	194	191	164	166	185	192	194	219	211	210	204	198	PASS	CS	
PDF-43	P-122/P-123	09/06/14	94	JD	09/10/14	139	1558	167	146	177	187	190	204	206	192	236	230	210	211	224	PASS	AF	
PDF-44	P-127/P-129	09/06/14	93	JT	09/09/14	133	173	185	134	188	179	149	188	141	185	220	210	223	210	229	PASS	CS	
PDF-45	P-129/P-130	09/06/14	94	LD	09/10/14	198	195	166	194	183	180	168	197	176	171	197	205	207	216	218	PASS	AF	
PDF-46	P-138/P-140	09/06/14	93	JT	09/09/14	179	158	136	194	191	175	190	124	192	1557	217	217	273	211	213	PASS	CS	
PDF-47	P-141/P-143	09/08/14	93	JT	09/10/14	161	163	150	159	121	175	181	162	152	175	201	201	2118	215	194	PASS	AF	
PDF-48	P-144/P-145	09/08/14	94	JD	09/10/14	152	128	141	152	184	192	178	140	158	173	202	207	208	204	209	PASS	AF	
PDF-49	P-128/P-144	09/08/14	93	JT	09/10/14	141	135	170	158	168	160	144	158	150	159	187	182	192	192	196	PASS	AF	
PDF-50	P-149/P-151	09/09/14	94	LD	09/11/14	182	190	134	189	134	176	180	171	169	143	216	206	202	193	185	PASS	AF	
PDF-51	P-123/P-152	09/09/14	93	JT	09/10/14	199	171	161	204	130	135	148	1515	147	189	223	218	218	219	214	PASS	AF	
PDF-52	P-154/P-155	09/09/14	94	JD	09/11/14	200	198	178	193	196	192	184	180	199	145	221	217	218	219	217	PASS	AF	
PDF-53	P-157/P-158	09/09/14	93	JT	09/11/14	149	166	206	196	162	182	172	197	195	193	216	216	222	224	226	PASS	AF	
PDF-54	P-156/P-157	09/10/14	94	JD	09/11/14	185	197	210	187	210	204	179	202	180	186	216	194	215	212	207	PASS	AF	
PDF-55	P-158/P-159	09/10/14	93	JT	09/11/14	173	147	161	177	187	165	199	181	202	191	197	198	202	214	203	PASS	CS	
PDF-56	P-161/P-162	09/10/14	94	JD	09/11/14	176	187	202	207	206	166	181	195	208	168	230	223	216	218	215	PASS	CS	
PDF-57	P-162/P-163	09/10/14	93	JT	09/11/14	183	144	188	184	149	189	188	189	180	198	211	218	209	211	213	PASS	CS	
PDF-58	P-163/P-164	09/10/14	94	JD	09/11/14	178	157	201	167	157	200	173	200	164	170	209	206	213	199	200	PASS	BM	

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS/ FAIL	QA MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
PDF-59	P-164/P-165	09/10/14	93	JT	09/11/14	180	191	167	185	159	179	192	195	181	147	232	232	213	214	216	PASS	BM	
PDF-60	P-166/P-167	09/10/14	94	JT	09/11/14	144	186	190	172	187	120	180	193	159	205	219	215	215	203	214	PASS	BM	
PDF-61	P-168/P-169	09/11/14	94	JD	09/12/14	177	155	150	168	181	170	142	170	151	199	235	223	237	213	221	PASS	AF	
PDF-62	P-169/P-170	09/11/14	93	JT	09/12/14	153	156	162	166	185	167	156	172	170	161	212	192	216	206	224	PASS	AF	
PDF-63	P-170/P-171	09/11/14	94	JD	09/13/14	166	172	199	179	149	210	173	154	161	160	213	215	218	218	207	PASS	CS/AF	
PDF-64	P-171/P-172	09/11/14	93	JT	09/13/14	208	210	211	204	186	195	179	192	187	193	204	216	205	215	220	PASS	CS/AF	
PDF-65	P-174/P-175	09/11/14	94	JD	09/13/14	141	172	180	225	192	160	167	207	210	170	240	231	236	227	214	PASS	CS/AF	
PDF-66	P-175/P-176	09/11/14	93	JT	09/13/14	212	170	189	167	199	217	183	187	181	177	210	208	217	225	226	PASS	CS/AF	
PDF-67	P-177/P-179	09/12/14	94	JD	09/13/14	143	132	144	148	132	122	147	158	135	125	184	177	171	170	169	PASS	CS/AF	
PDF-68	P-179/P-180	09/12/14	93	JT	09/13/14	145	152	120	155	138	151	150	118	148	152	169	159	176	167	170	PASS	CS/AF	
PDF-69	P-180/P-181	09/12/14	94	JD	09/13/14	165	149	161	171	169	135	171	143	154	128	167	163	186	185	179	PASS	CS/AF	
PDF-70	P-183/P-184	09/12/14	93	JT	09/13/14	131	123	144	156	170	120	148	155	140	130	184	83	182	175	188	PASS	CS/AF	
PDF-71	P-184/P-185	09/12/14	94	JD	09/13/14	136	177	122	172	155	145	141	134	163	169	176	178	196	193	196	PASS	CS/AF	
PDF-72	P-187/P-188	09/12/14	93	JT	09/13/14	139	130	143	167	163	151	124	152	163	159	191	192	197	190	201	PASS	CS/AF	
PDF-73	P-188/P-189	09/12/14	94	JD	09/13/14	162	175	167	126	179	167	168	175	148	138	177	172	191	196	203	PASS	CS	
PDF-74	P-191/P-192	09/12/14	93	JT	09/13/14	150	145	176	185	129	1665	166	171	181	135	201	192	217	185	194	PASS	CS	
PDF-75	P-195/P-196	09/13/14	94	JD	09/13/14	176	192	180	158	161	178	181	190	136	192	213	205	221	205	216	PASS	CS	
PDF-76	P-197/P-198	09/13/14	93	JT	09/13/14	158	149	177	173	150	181	146	179	173	179	208	198	192	196	218	PASS	CS	
PDF-77	P-201/P-202	09/13/14	94	JD	09/13/14	200	139	184	202	126	196	159	195	193	143	213	214	200	192	212	PASS	CS	
PDF-78	P-202/P-203	09/13/14	93	JT	09/13/14	208	198	160	185	136	203	195	153	155	126	206	200	201	206	203	PASS	CS	
PDF-79	P-207/P-208	09/13/14	93	JT	09/14/14	178	194	195	145	144	222	221	175	129	168	208	210	209	201	206	PASS	NA	
PDF-80	P-210/P-211	09/13/14	94	JD	09/14/14	184	183	170	144	192	181	172	179	192	203	226	225	226	225	220	PASS	NA	
PDF-81	P-221/P-222	09/14/14	93	JT	09/15/14	139	148	145	156	122	147	135	156	146	125	154	159	160	154	164	PASS	CS	
PDF-82	P-160/P-220	09/14/14	94	JD	09/15/14	180	159	145	167	149	187	175	182	169	179	176	183	192	194	182	PASS	CS	
PDF-83	P-227/P-225	09/15/14	93	JT	09/16/14	180	174	142	138	121	142	153	158	139	175	178	176	179	170	202	PASS	JWR	
PDF-84	P-227/P-229	09/15/14	94	JD	09/16/14	148	133	133	132	130	154	170	134	153	140	175	179	176	177	197	PASS	JWR	
PDF-85	P-235/P-236	09/15/14	93	JT	09/16/14	130	150	138	143	140	134	161	158	170	134	182	183	168	179	172	PASS	JWR	
PDF-86	P-237/P-238	09/15/14	94	JD	09/16/14	128	138	152	145	159	132	131	167	165	128	188	183	185	181	189	PASS	JWR	
PDF-87	P-242/P-243	09/15/14	93	JT	09/17/14	145	149	162	191	134	194	182	140	180	233	222	220	223	216	208	PASS	CS	

Cripple Creek & Victor Gold Mining Company
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Primary Geomembrane Fusion Welding Destructive Testing Summary



SAMPLE NUMBER	SEAM	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS/ FAIL	QA MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
PDF-88	P-244/P-245	09/15/14	94	JD	09/17/14	121	153	180	165	159	189	174	195	140	199	217	217	189	181	208	PASS	CS	
PDF-89	P-247/P-248	09/15/14	93	JT	09/17/14	199	155	135	205	140	199	169	158	190	171	241	228	229	219	218	PASS	CS	
PDF-90	P-248/P-249	09/15/14	94	JD	09/17/14	182	184	203	185	147	191	179	199	177	176	207	209	213	195	215	PASS	CS	
PDF-91	P-76/P-250	09/16/14	94	JD	09/18/14	158	162	137	139	126	154	150	162	151	150	193	179	186	187	197	PASS	RB	
PDF-92	P-250/P-251	09/16/14	93	JT	09/18/14	124	149	131	132	164	151	143	146	156	125	170	162	183	180	183	PASS	CS	
PDF-93	P-252-P-253	09/16/14	93	JT	09/19/14	141	174	142	203	138	168	185	131	171	186	226	220	220	236	240	PASS	CS	
PDF-94	P-254/P-255	09/16/14	94	JD	09/18/14	140	123	162	160	128	168	169	124	127	136	163	159	166	155	170	PASS	CS	
PDF-95	P-255/P-256	09/16/14	93	JT	09/18/14	128	162	149	136	153	137	142	163	167	173	167	152	166	166	170	PASS	CS	
PDF-96	P-256/P-257	09/16/14	94	JD	09/18/14	161	155	163	142	144	153	132	158	154	166	169	173	177	166	161	PASS	CS	
PDF-97	P-260/P-261	09/16/14	94	JD	09/18/14	146	160	132	152	146	144	132	126	135	131	183	173	182	170	152	PASS	CS	
PDF-98	P-257/P-258	09/17/14	93	JT	09/18/14	153	154	128	130	132	152	145	153	149	128	181	173	187	174	186	PASS	CS	
PDF-99	P-261/P-262	09/17/14	93	JT	09/18/14	139	177	151	160	135	126	133	171	160	160	182	184	155	150	171	PASS	CS	
PDF-100	P-262/P-263	09/17/14	94	JD	09/18/14	147	149	142	157	152	129	134	162	151	130	177	162	186	182	185	PASS	CS	
PDF-101	P-263/P-264	09/17/14	93	JT	09/18/14	131	157	170	163	126	167	171	170	171	158	175	179	180	161	176	PASS	CS	
PDF-102	P-264/P-265	09/17/14	94	JD	09/18/14	173	163	165	144	180	151	122	134	125	186	198	183	198	195	207	PASS	CS	
PDF-103	P-267/P-269	08/18/14	93	JT	09/19/14	159	157	182	170	152	170	167	98	150	-	-	-	-	-	-	FAIL	CS	
PDF-103A	P-267/P-269	08/18/14	93	JT	09/19/14	155	154	136	162	128	167	151	138	135	136	180	182	190	187	180	PASS	CS	
PDF-103B	P-267/P-269	08/18/14	93	JT	09/19/14	153	145	155	140	193	174	208	164	175	197	180	180	180	178	176	PASS	CS	
PDF-104	P-268/P-271	08/18/14	93	JT	09/19/14	187	186	179	188	167	132	150	171	172	196	205	200	200	200	215	PASS	CS	
PDF-105	P-274/P-276	09/18/14	93	JT	09/19/14	129	130	152	138	178	131	135	130	134	151	164	194	189	190	201	PASS	CS	
PDF-106	P-275/P-278	08/18/14	94	JD	09/19/14	172	171	131	149	128	184	183	164	160	187	218	207	213	205	223	PASS	CS	
PDF-107	P-277/P-280	08/18/14	93	JT	09/19/14	193	195	160	165	141	200	201	201	187	160	205	202	207	202	216	PASS	CS	
PDF-108	P-256/P-277	09/18/14	94	JD	09/19/14	241	220	169	198	126	142	159	143	136	178	221	217	225	217	224	PASS	CS	
PDF-109	P-285/P-286	09/19/14	93	JT	09/20/14	151	151	146	138	136	141	151	136	160	155	163	158	163	187	178	PASS	RB	
PDF-110	P-286/P-287	09/19/14	94	JD	09/20/14	164	143	136	151	153	146	149	159	167	144	177	173	183	183	201	PASS	RB	
PDF-111	P-287/P-288	09/19/14	93	JT	09/20/14	127	149	134	133	126	136	125	159	152	124	163	162	175	169	184	PASS	RB	
PDF-112	P-288/P-289	09/19/14	94	JD	09/20/14	123	121	142	155	153	121	130	130	151	136	176	165	165	166	179	PASS	RB	
PDF-113	P-291/P-292	09/19/14	94	JD	09/20/14	122	119	117	123	130	138	124	141	139	130	173	164	170	162	166	PASS	RB	
PDF-114	P-292/P-293	09/19/14	93	JT	09/20/14	167	165	127	131	139	120	146	125	122	173	169	163	147	157	164	PASS	RB	

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SAMPLE NUMBER	SEAM	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS/ FAIL	QA MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
PDF-115	P-294/P-295	09/19/14	93	JT	09/20/14	169	130	141	125	134	162	160	169	150	170	185	181	180	186	184	PASS	RB	
PDF-116	P-296/P-299	09/20/14	94	JD	09/23/14	169	174	149	150	131	189	187	160	145	130	198	196	193	188	214	PASS	RB	
PDF-117	P-300/P-303	09/20/14	93	JD	09/23/14	127	148	153	126	123	133	154	126	118	150	204	208	201	207	209	PASS	RB	
PDF-118	P-304/P-305	09/20/14	94	JT	09/23/14	181	128	116	149	163	128	161	131	125	124	181	167	184	173	185	PASS	RB	
PDF-119	P-304/P-306	09/20/14	93	JD	09/23/14	161	123	121	117	126	122	149	146	151	129	224	221	201	187	222	PASS	RB	
PDF-120	P-306/P-308	09/20/14	94	JT	09/23/14	122	183	124	163	119	186	191	163	132	120	184	177	215	215	217	PASS	RB	
PDF-121	P-264/P-303	09/20/14	94	JD	09/23/14	181	181	124	174	124	186	185	144	133	142	193	207	181	219	201	PASS	RB	
PDF-122	P-266/P-285	09/20/14	94	JD	09/23/14	145	121	125	176	127	161	174	130	155	164	181	179	188	175	201	PASS	RB	
PDF-123	P-318/P-320	09/24/14	92	JT	09/25/14	225	158	219	136	133	214	187	185	153	213	229	253	237	252	267	PASS	NA	
PDF-124	P-316/P-317	09/24/14	94	JD	09/24/14	135	169	144	156	147	127	185	128	145	165	187	192	192	192	199	PASS	NA	
PDF-125	P-323/P-325	09/24/14	94	JD	09/24/14	121	133	156	177	134	141	176	149	179	1252	171	171	188	191	189	PASS	NA	
PDF-126	P-206/P-326	09/24/14	93	JT	09/24/14	129	165	133	130	154	123	138	135	160	126	163	157	185	185	169	PASS	NA	
PDF-127	P-327/P-328	09/25/14	56	LD	09/26/14	112	122	133	123	122	112	117	124	130	134	136	132	137	132	135	PASS	TB	
PDF-128	P-328/P-330	09/25/14	94	JD	09/26/14	131	165	137	144	126	134	150	128	136	147	182	179	181	177	180	PASS	TB	
PDF-129	P-335/P-336	09/25/14	92	JT	09/26/14	154	160	180	182	139	160	153	173	156	178	196	199	193	191	193	PASS	TB	
PDF-130	P-331/P-334	09/25/14	92	JT	09/26/14	123	155	177	171	160	135	161	161	156	122	186	186	187	180	182	PASS	TB	
PDF-131	P-212/P-338	09/25/14	94	JD	09/26/14	154	119	180	174	132	149	175	171	180	166	201	209	207	202	204	PASS	TB	
PDF-132	P-340/P-343	09/25/14	94	JD	09/29/14	128	153	143	148	127	155	172	189	141	143	200	201	211	198	218	PASS	NA	
PDF-133	P-345/P-348	09/26/14	92	JT	09/29/14	154	129	135	177	133	176	138	162	140	121	201	203	203	192	224	PASS	NA	
PDF-134	P-355/P-356	09/26/14	94	JD	09/29/14	186	189	192	186	150	176	135	162	179	218	239	241	222	212	227	PASS	NA	
PDF-135	P-362/P-363	09/26/14	92	JT	09/29/14	165	184	210	210	171	167	182	185	174	196	236	230	223	221	205	PASS	NA	
PDF-136	P-368/P-371	09/26/14	94	JD	09/29/14	198	196	174	178	179	182	206	163	202	197	224	221	246	242	241	PASS	NA	
PDF-137	P-370/P-372	09/26/14	92	JT	09/30/14	136	204	128	145	188	160	203	133	156	169	217	217	219	217	225	PASS	CS	
PDF-138	P-337/P-367	09/26/14	94	JD	09/29/14	151	167	132	123	143	175	152	140	153	135	219	213	209	207	202	PASS	NA	
PDF-139	P-295/P-376	10/01/14	94	JD	10/01/14	176	141	181	218	196	174	156	168	209	193	195	231	223	216	218	PASS	CS	
PDF-140	P-321/P-373	10/01/14	92	JT	10/01/14	144	141	163	180	162	173	153	134	191	146	207	212	204	207	198	PASS	CS	
PDF-141	P-378/P-381	10/03/14	94	JD	10/04/14	195	190	202	186	202	160	224	189	213	190	231	240	239	235	247	PASS	BM	
PDF-142	P-380/P-382	10/03/14	92	JT	10/04/14	185	199	205	195	187	178	150	174	161	209	235	221	223	232	236	PASS	BM	
PDF-143	P-387/P-389	10/03/14	94	JD	10/04/14	160	188	166	195	163	164	164	169	191	141	211	215	224	200	205	PASS	BM	

**Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Fusion Welding Destructive Testing Summary**



SAMPLE NUMBER	SEAM	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS															PASS/ FAIL	QA MONITOR	REMARKS
			MACHINE NUMBER	WELD TECH.		INSIDE PEEL STRENGTH (ppi)					OUTSIDE PEEL STRENGTH (ppi)					SHEAR STRENGTH (ppi)							
PDF-144	P-388/P-390	10/03/14	92	JT	10/04/14	177	149	139	156	153	164	128	159	139	142	197	194	200	206	201	PASS	BM	
PDF-145	P-372/P-398	10/03/14	94	JD	10/06/14	195	219	210	191	201	236	208	222	222	245	210	286	202	206	247	PASS	SW	
PDF-146	P-398/P-399	10/03/14	92	JT	10/06/14	215	191	210	188	140	177	178	202	132	144	228	219	249	254	230	PASS	SW	
PDF-147	P-328/P-398	10/04/14	94	JD	10/06/14	119	173	124	128	158	188	128	134	128	143	186	179	204	208	215	PASS	SW	
PDF-148	P-403/P-405	10/04/14	94	JD	10/06/14	151	166	142	144	158	152	163	210	122	242	285	283	264	269	235	PASS	SW	
PDF-149	P-407/P-408	10/04/14	92	JT	10/06/14	173	152	153	133	180	198	175	185	139	131	257	253	251	247	208	PASS	SW	
PDF-150	P-414/P-416	10/04/14	92	JT	10/06/14	114	172	125	178	185	131	145	163	165	166	236	240	267	263	264	PASS	SW	
PDF-151	P-416/P-417	10/04/14	94	JD	10/06/14	212	199	202	220	210	206	173	131	173	225	251	245	223	237	247	PASS	SW	
PDF-152	P-327/P-328	09/30/14	94	JD	10/06/14	130	194	140	144	143	183	146	152	128	131	250	229	231	242	232	PASS	SW	
PDF-153	P-401/P-413	10/04/14	94	JD	10/06/14	148	173	122	146	142	130	146	151	142	196	162	156	201	206	215	PASS	SW	
PDF-154	P-400/P-403	10/04/14	92	JT	10/06/14	145	151	165	122	124	165	145	131	129	121	244	253	207	221	220	PASS	SW	
PDF-155	P-422/P-423	10/04/14	93	PL	10/06/14	139	114	184	162	164	154	142	135	217	199	212	207	217	209	214	PASS	SW	

Extrusion Welds

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Extrusion Welding Destructive Testing Summary



SAMPLE NO.	SEAM	SEAM DATE	WELDING DATA		DATE TESTED	TEST RESULTS										PASS/ FAIL	QA MONITOR	REMARKS
			MACHINE NO.	WELD TECH		PEEL Strength (ppi) Mode ¹					SHEAR Strength (ppi) Mode ¹							
PDX-1	P-54/PD56	08/16/14	120	LD	08/16/14	138	145	146	156	161	183	182	176	179	174	PASS	AF	
						SE3	SE3	SE3	SE3	SE3	BRK	BRK	BRK	BRK	BRK			
PDX-2	P-123/PD260	09/11/14	120	LD	09/11/14	128	151	177	170	165	174	159	174	166	166	PASS	AF	
						SE3	SE3	SE3	SE3	SE3	BRK	BRK	BRK	BRK	BRK			
PDX-3	P-188/PD526	09/20/14	103	LD	09/20/14	142	138	123	143	118	159	148	156	153	165	PASS	RB	
						SE3	SE3	SE3	SE3	SE3	BRK	BRK	BRK	BRK	BRK			
PDX-4	P-377/PD918	10/06/14	120	JD	10/06/14	121	124	139	126	132	170	173	174	168	176	PASS	SW	
						SE3	SE3	SE3	SE3	SE3	BRK	BRK	BRK	BRK	BRK			

Appendix K.6

Primary Geomembrane

Non-Destructive Testing Summary

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-1/P-2	W EOS / E EOS	08/11/14	5:37 PM	5:42 PM	30	30	PASS	DB		X	
P-2/P-3	W EOS / E EOS	08/11/14	5:38 PM	5:43 PM	30	30	PASS	DB		X	
P-3/P-4	W EOS / E EOS	08/11/14	5:43 PM	5:48 PM	30	28	PASS	DB		X	
P-4/P-5	W EOS / E EOS	08/11/14	6:01 PM	6:06 PM	30	30	PASS	AF		X	
P-5/P-6	W EOS / E EOS	08/11/14	6:06 PM	6:11 PM	30	30	PASS	AF		X	
P-6/P-7	W EOS / E EOS	08/11/14	6:40 PM	6:45 PM	30	30	PASS	AF		X	
P-7/P-8	W EOS / E EOS	08/12/14	10:07 AM	10:12 AM	30	30	PASS	BM		X	
P-8/P-9	W EOS / PD7	08/12/14	1:30 PM	1:35 PM	30	30	PASS	BM	X		
P-8/P-9	PD7 / E EOS	08/12/14	1:59 PM	2:04 PM	30	30	PASS	BM		X	
P-9/P-10	W EOS / E EOS	08/12/14	1:30 PM	1:35 PM	30	30	PASS	BM		X	
P-10/P-11	W EOS / E EOS	08/12/14	1:30 PM	1:35 PM	30	30	PASS	BM		X	
P-11/P-13	W EOS / E EOS	08/12/14	1:35 PM	1:40 PM	30	28	PASS	BM		X	
P-12/P-13	N EOS / S EOS	08/12/14	1:44 PM	1:49 PM	30	29	PASS	BM		X	
P-11/P-12	W EOS / E EOS	08/12/14	1:50 PM	1:55 PM	30	29	PASS	BM		X	
P-13/P-14	W EOS / E EOS	08/12/14	3:32 PM	3:37 PM	30	30	PASS	BM		X	
P-14/P-15	W EOS / PD12	08/12/14	3:34 PM	3:39 PM	30	30	PASS	BM	X		
P-14/P-15	PD12 / E EOS	08/12/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-15/P-16	W EOS / E EOS	08/12/14	3:51 PM	3:56 PM	30	30	PASS	BM		X	
P-12/P-14	W EOS / E EOS	08/12/14	3:41 PM	3:46 PM	30	30	PASS	BM		X	
P-16/P-17	E EOS / W EOS	08/12/14	5:56 PM	6:01 PM	30	30	PASS	BM		X	
P-15/P-17	W EOS / E EOS	08/12/14	5:56 PM	6:01 PM	30	30	PASS	BM		X	
P-14/P-17	E EOS / W EOS	08/12/14	6:00 PM	6:05 PM	30	30	PASS	BM		X	
P-12/P-17	W EOS / E EOS	08/12/14	6:00 PM	6:05 PM	30	29	PASS	BM		X	
P-11/P-17	E EOS / W EOS	08/13/14	8:51 AM	8:56 AM	30	29	PASS	BM		X	
P-17/P-18	E EOS / W EOS	08/13/14	8:52 AM	8:57 AM	30	30	PASS	BM		X	
P-10/P-17	W EOS / E EOS	08/13/14	8:59 AM	9:04 AM	30	28	PASS	BM		X	
P-18/P-19	W EOS / E EOS	08/13/14	1:28 PM	1:33 PM	30	30	PASS	BM		X	
P-19/P-20	W EOS / E EOS	08/13/14	1:28 PM	1:33 PM	30	30	PASS	BM		X	

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

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-20/P-21	W EOS / E EOS	08/13/14	1:28 PM	1:33 PM	30	30	PASS	BM		X	
P-21/P-22	W EOS / E EOS	08/13/14	1:30 PM	1:35 PM	30	30	PASS	CS		X	
P-23/P-15	W EOS / E EOS	08/14/14	10:37 AM	10:42 AM	30	30	PASS	CS		X	
P-23/P-24	W EOS / E EOS	08/14/14	10:45 AM	10:50 AM	30	30	PASS	CS		X	
P-24/P-25	W EOS / E EOS	08/14/14	11:13 AM	11:18 AM	30	27	PASS	CS		X	
P-25/P-26	W EOS / E EOS	08/14/14	11:37 AM	11:42 AM	30	30	PASS	CS		X	
P-26/P-27	W EOS / E EOS	08/14/14	11:34 AM	11:39 AM	30	30	PASS	CS		X	
P-26/P-29	N EOS / S EOS	08/14/14	11:34 AM	11:39 AM	30	30	PASS	CS		X	
P-27/P-29	N EOS / S EOS	08/14/14	11:44 AM	11:49 AM	30	29	PASS	CS		X	
P-27/P-28	W EOS / E EOS	08/14/14	11:46 AM	11:51 AM	30	30	PASS	CS		X	
P-28/P-29	N EOS / S EOS	08/14/14	11:46 AM	11:51 AM	30	30	PASS	CS		X	
P-16/P-23	W EOS / E EOS	08/14/14	12:01 PM	12:06 PM	30	29	PASS	CS		X	
P-17/P-23	N EOS / S EOS	08/14/14	12:01 PM	12:06 PM	30	30	PASS	CS		X	
P-17/P-24	N EOS / S EOS	08/14/14	-	-	0	0	FAIL	CS		X	Seam Capped
P-18/P-24	N EOS / S EOS	08/14/14	12:04 PM	12:09 PM	30	30	PASS	CS		X	
P-18/P-25	N EOS / S EOS	08/14/14	12:04 PM	12:09 PM	30	30	PASS	CS		X	
P-34/P-35	E EOS / W EOS	08/15/14	2:30 PM	2:35 PM	30	30	PASS	BM		X	
P-35/P-36	E EOS / W EOS	08/15/14	2:30 PM	2:35 PM	30	30	PASS	BM		X	
P-36/P-37	E EOS / W EOS	08/15/14	2:31 PM	2:36 PM	30	30	PASS	BM		X	
P-37/P-38	E EOS / W EOS	08/15/14	2:33 PM	2:38 PM	30	30	PASS	BM		X	
P-30/P-31	S EOS / N EOS	08/15/14	2:59 PM	3:04 PM	30	29	PASS	BM		X	
P-31/P-32	S EOS / N EOS	08/15/14	2:59 PM	3:04 PM	30	28	PASS	BM		X	
P-32/P-33	W EOS / E EOS	08/15/14	2:59 PM	3:04 PM	30	30	PASS	BM		X	
P-30/P-33	N EOS / S EOS	08/15/14	2:59 PM	3:04 PM	30	28	PASS	BM		X	
P-33/P-34	E EOS / W EOS	08/15/14	3:06 PM	3:11 PM	30	30	PASS	BM		X	
P-29/P-30	S EOS / N EOS	08/15/14	3:28 PM	3:33 PM	30	28	PASS	BM		X	
P-38/P-39	E EOS / W EOS	08/15/14	3:42 PM	3:47 PM	30	29	PASS	BM		X	
P-40/P-50	N EOS / S EOS	08/15/14	3:42 PM	2:57 PM	30	28	PASS	BM		X	

Acronyms:
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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-39/P-40	E EOS / W EOS	08/15/14	3:43 PM	3:48 PM	30	30	PASS	BM		X	
P-40/P-41	E EOS / W EOS	08/15/14	3:44 PM	3:49 PM	30	30	PASS	BM		X	
P-50/P-52	N EOS / S EOS	08/15/14	3:44 PM	3:49 PM	30	30	PASS	BM		X	
P-50/P-51	N EOS / S EOS	08/15/14	3:48 PM	3:53 PM	30	28	PASS	BM		X	
P-41/P-42	E EOS / W EOS	08/15/14	4:56 PM	5:05 PM	30	29	PASS	BM		X	
P-36/P-52	S EOS / N EOS	08/15/14	4:46 PM	4:51 PM	30	30	PASS	BM		X	
P-37/P-52	N EOS / S EOS	08/15/14	4:46 PM	4:51 PM	30	30	PASS	BM		X	
P-38/P-52	S EOS / N EOS	08/15/14	4:50 PM	4:55 PM	30	30	PASS	BM		X	
P-39/P-52	N EOS / S EOS	08/15/14	4:50 PM	4:55 PM	30	30	PASS	BM		X	
P-41/P-50	S EOS / N EOS	08/15/14	4:56 PM	5:01 PM	30	29	PASS	BM		X	
P-42/P-50	N EOS / S EOS	08/15/14	4:56 PM	5:01 PM	30	29	PASS	BM		X	
P-40/P-52	S EOS / N EOS	08/15/14	5:00 PM	5:05 PM	30	30	PASS	BM		X	
P-42/P-43	E EOS / W EOS	08/15/14	5:05 PM	5:10 PM	30	30	PASS	BM		X	
P-43/P-49	E EOS / W EOS	08/15/14	5:05 PM	5:10 PM	30	30	PASS	BM		X	
P-49/P-50	N EOS / S EOS	08/15/14	5:05 PM	5:10 PM	30	30	PASS	BM		X	
P-44/P-46	E EOS / W EOS	08/15/14	5:08 PM	5:13 PM	30	30	PASS	BM		X	
P-46/P-47	N EOS / S EOS	08/15/14	5:08 PM	5:13 PM	30	28	PASS	BM		X	
P-43/P-44	E EOS / W EOS	08/15/14	5:10 PM	5:15 PM	30	28	PASS	BM		X	
P-47/P-48	N EOS / S EOS	08/15/14	5:15 PM	5:20 PM	30	30	PASS	BM		X	
P-48/P-49	N EOS / S EOS	08/15/14	5:15 PM	5:20 PM	30	29	PASS	BM		X	
P-44/P-45	E EOS / W EOS	08/15/14	5:19 PM	5:24 PM	30	28	PASS	BM		X	
P-45/P-46	E EOS / W EOS	08/15/14	5:19 PM	5:24 PM	30	30	PASS	BM		X	
P-51/P-52	W EOS / E EOS	08/15/14	5:26 PM	5:26 PM	30	29	PASS	BM		X	
P-54/P-55	N EOS / S EOS	08/16/14	9:54 AM	9:59 AM	30	27	PASS	AF		X	
P-29/P-55	E EOS / W EOS	08/16/14	9:54 AM	9:59 AM	30	29	PASS	AF		X	
P-33/P-54	E EOS / W EOS	08/16/14	9:54 AM	9:09 AM	30	28	PASS	AF		X	
P-34/P-54	N EOS / S EOS	08/16/14	9:55 AM	10:00 AM	30	29	PASS	AF		X	
P-35/P-54	N EOS / S EOS	08/16/14	9:55 AM	10:00 AM	30	30	PASS	AF		X	

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Cripple Creek & Victor Gold Mining Company
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Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-54/P-56	N EOS / S EOS	08/16/14	10:00 AM	10:05 AM	30	30	PASS	AF		X	
P-55/P-56	W EOS / E EOS	08/16/14	10:00 AM	10:05 AM	30	30	PASS	AF		X	
P-36/P-54	N EOS / S EOS	08/16/14	10:22 AM	10:27 AM	30	30	PASS	AF		X	
P-52/P-53	N EOS / S EOS	08/16/14	10:23 AM	10:28 AM	30	30	PASS	AF		X	
P-53/P-54	E EOS / W EOS	08/16/14	10:25 AM	10:30 AM	30	30	PASS	AF		X	
P-53/P-56	N EOS / S EOS	08/16/14	10:27 AM	10:32 AM	30	28	PASS	BM		X	
P-56/P-57	W EOS / E EOS	08/16/14	10:49 AM	10:54 AM	30	28	PASS	BM		X	
P-53/P-57	N EOS / S EOS	08/16/14	10:49 AM	10:54 AM	30	30	PASS	BM		X	
P-57/P-58	W EOS / E EOS	08/16/14	10:50 AM	10:55 AM	30	30	PASS	BM		X	
P-53/P-58	N EOS / S EOS	08/16/14	10:50 AM	10:55 AM	30	28	PASS	BM		X	
P-53/P-59	N EOS / S EOS	08/16/14	10:51 AM	10:56 AM	30	29	PASS	BM		X	
P-58/P-59	W EOS / E EOS	08/16/14	10:51 AM	10:56 AM	30	28	PASS	BM		X	
P-51/P-53	N EOS / S EOS	08/16/14	10:53 AM	10:58 AM	30	27	PASS	BM		X	
P-55/P-61	S EOS / N EOS	08/16/14	11:35 AM	11:40 AM	30	29	PASS	BM		X	
P-60/P-61	W EOS / E EOS	08/16/14	11:35 AM	11:40 AM	30	27	PASS	BM		X	
P-56/P-60	N EOS / S EOS	08/16/14	11:35 AM	11:40 AM	30	28	PASS	BM		X	
P-56/P-61	N EOS / S EOS	08/16/14	11:35 AM	11:40 AM	0	0	FAIL	BM		X	Seam Capped
P-61/P-62	S EOS / N EOS	08/16/14	11:37 AM	11:42 AM	30	30	PASS	BM		X	
P-60/P-62	N EOS / S EOS	08/16/14	11:37 AM	11:42 AM	30	30	PASS	BM		X	
P-57/P-60	N EOS / S EOS	08/16/14	11:47 AM	11:52 AM	30	28	PASS	BM		X	
P-58/P-60	S EOS / N EOS	08/16/14	11:51 AM	11:56 AM	30	29	PASS	BM		X	
P-59/P-60	N EOS / S EOS	08/16/14	11:51 AM	11:56 AM	30	29	PASS	BM		X	
P-60/P-63	N EOS / S EOS	08/16/14	11:52 AM	11:57 AM	30	30	PASS	BM		X	
P-62/P-63	W EOS / E EOS	08/16/14	11:52 AM	11:57 AM	30	28	PASS	BM		X	
P-26/P-62	N EOS / S EOS	08/16/14	1:17 PM	1:22 PM	30	27	PASS	AT		X	
P-25/P-62	N EOS / S EOS	08/16/14	1:17 PM	1:22 PM	30	28	PASS	AT		X	
P-64/P-65	W EOS / E EOS	08/16/14	1:22 PM	1:29 PM	30	29	PASS	AT		X	
P-65/P-66	W EOS / E EOS	08/16/14	1:30 PM	1:35 PM	30	30	PASS	AT		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-62/P-65	N EOS / S EOS	08/16/14	1:30 PM	1:35 PM	30	28	PASS	AT		X	
P-62/P-66	N EOS / S EOS	08/16/14	1:32 PM	1:37 PM	30	30	PASS	AT		X	
P-63/P-66	N EOS / S EOS	08/16/14	1:32 PM	1:37 PM	30	29	PASS	AT		X	
P-62/P-64	N EOS / S EOS	08/16/14	1:41 PM	1:46 PM	30	29	PASS	AT		X	
P-26/P-61	N EOS / S EOS	08/16/14	1:43 PM	1:48 PM	30	30	PASS	AT		X	
P-27/P-61	N EOS / S EOS	08/16/14	1:43 PM	1:48 PM	30	30	PASS	AT		X	
P-28/P-61	N EOS / S EOS	08/16/14	2:13 PM	2:18 PM	30	30	PASS	AT		X	
P-19/P-64	N EOS / S EOS	08/16/14	2:15 PM	2:20 PM	30	28	PASS	AT		X	
P-19/P-62	N EOS / S EOS	08/16/14	2:17 PM	2:22 PM	30	27	PASS	AT		X	
P-18/P-62	N EOS / S EOS	08/16/14	2:17 PM	2:22 PM	30	30	PASS	AT		X	
P-20/P-64	N EOS / S EOS	08/16/14	2:25 PM	2:30 PM	30	29	PASS	AT		X	
P-21/P-64	N EOS / S EOS	08/16/14	2:26 PM	2:30 PM	30	29	PASS	AT		X	Seam Capped
P-1/P-67	W EOS / PD92	08/25/14	11:38 AM	11:43 AM	30	30	PASS	AT	X		
P-1/P-67	PD92 / E EOS	08/25/14	11:38 AM	11:43 AM	30	30	PASS	AT		X	
P-67/P-68	W EOS / E EOS	08/25/14	11:39 AM	11:44 AM	30	30	PASS	AT		X	
P-69/P-70	W EOS / E EOS	08/25/14	11:45 AM	11:50 AM	30	30	PASS	AT		X	
P-68/P-69	W EOS / PD94	08/25/14	12:00 AM	11:49 AM	30	30	PASS	AT	X		
P-68/P-69	PD94 / E EOS	08/25/14	11:55 AM	12:00 PM	30	30	PASS	AF		X	
P-70/P-71	W EOS / E EOS	08/25/14	12:15 PM	12:20 PM	30	30	PASS	AT		X	
P-74/P-76	W EOS / E EOS	08/26/14	8:09 AM	8:15 AM	30	30	PASS	AF		X	
P-73/P-74	W EOS / E EOS	08/26/14	8:43 AM	8:48 AM	30	28	PASS	AF		X	
P-74/P-75	W EOS / E EOS	08/26/14	8:48 AM	8:53 AM	30	30	PASS	AF		X	
P-75/P-76	W EOS / E EOS	08/26/14	8:58 AM	9:03 AM	30	30	PASS	AF		X	
P-71/P-73	W EOS / E EOS	08/26/14	8:13 AM	8:18 AM	30	30	PASS	AF		X	
P-71/P-72	W EOS / E EOS	08/26/14	9:05 AM	9:10 AM	30	30	PASS	AF		X	
P-72/P-73	W EOS / E EOS	08/26/14	9:05 AM	9:10 AM	30	30	PASS	AF		X	
P-65/P-80	N EOS / S EOS	08/27/14	9:20 AM	9:25 AM	30	30	PASS	AF		X	
P-77/P-79	W EOS / PD109	08/27/14	9:20 AM	9:25 AM	30	30	PASS	AF	X		

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-77/P-79	PD109 / E EOS	08/27/14	10:12 AM	10:17 AM	30	30	PASS	BM		X	
P-65/P-79	N EOS / PD113	08/27/14	9:45 AM	9:50 AM	30	30	PASS	BM	X		
P-65/P-79	PD113 / S EOS	08/27/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-21/P-77	W EOS / PD110	08/27/14	-	-	0	0	FAIL	BM	X		Seam Capped
P-21/P-77	PD110 / E EOS	08/27/14	10:10 AM	10:15 AM	30	30	PASS	BM		X	
P-22/P-77	W EOS / E EOS	08/27/14	10:30 AM	10:35 AM	30	30	PASS	BM		X	
P-77/P-78	W EOS / E EOS	08/27/14	10:32 AM	10:37 AM	30	30	PASS	BM		X	
P-78/P-79	W EOS / E EOS	08/27/14	10:32 AM	10:37 AM	30	30	PASS	BM		X	
P-80/P-81	W EOS / E EOS	09/04/14	8:42 AM	8:47 AM	30	30	PASS	AF		X	Partial Seam Capped
P-81/P-82	W EOS / E EOS	09/04/14	8:43 AM	8:48 AM	30	29	PASS	AF		X	
P-65/P-81	N EOS / S EOS	09/04/14	8:43 AM	8:48 AM	30	30	PASS	AF		X	
P-65/P-82	N EOS / S EOS	09/04/14	8:43 AM	8:48 AM	30	28	PASS	AF		X	
P-82/P-83	W EOS / E EOS	09/04/14	8:44 AM	8:49 AM	30	30	PASS	AF		X	
P-66/P-95	N EOS / S EOS	09/04/14	9:00 AM	9:51 AM	30	30	PASS	TB		X	
P-65/P-83	N EOS / S EOS	09/04/14	9:04 AM	9:09 AM	30	30	PASS	AF		X	
P-66/P-83	N EOS / S EOS	09/04/14	9:04 AM	9:09 AM	30	28	PASS	AF		X	
P-66/P-85	N EOS / S EOS	09/04/14	9:05 AM	9:10 AM	30	29	PASS	AF		X	
P-66/P-87	N EOS / S EOS	09/04/14	9:05 AM	9:10 AM	30	30	PASS	AF		X	
P-87/P-88	W EOS / E EOS	09/04/14	9:08 AM	9:13 AM	30	29	PASS	AF		X	
P-88/P-89	N EOS / S EOS	09/04/14	9:17 AM	9:22 AM	30	28	PASS	TB		X	
P-88/P-92	W EOS / E EOS	09/04/14	9:18 AM	9:23 AM	30	30	PASS	TB		X	
P-83/P-85	E EOS / W EOS	09/04/14	9:27 AM	9:32 AM	30	30	PASS	TB		X	
P-85/P-87	E EOS / W EOS	09/04/14	9:33 AM	9:38 AM	30	30	PASS	TB		X	
P-87/P-89	E EOS / W EOS	09/04/14	9:31 AM	9:36 AM	30	30	PASS	TB		X	
P-91/P-92	N EOS / S EOS	09/04/14	9:31 AM	9:37 AM	30	30	PASS	TB		X	
P-89/P-91	E EOS / W EOS	09/04/14	9:31 AM	9:37 AM	30	30	PASS	TB		X	
P-91/P-94	E EOS / W EOS	09/04/14	9:42 AM	9:47 AM	30	30	PASS	BM		X	
P-92/P-94	W EOS / PD135	09/04/14	9:42 AM	9:47 AM	30	30	PASS	TB	X		

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-92/P-94	PD135 / E EOS	09/04/14	9:42 AM	9:47 AM	30	30	PASS	TB		X	
P-66/P-92	N EOS / S EOS	09/04/14	9:45 AM	9:50 AM	30	29	PASS	TB		X	
P-66/P-94	S EOS / N EOS	09/04/14	9:46 AM	9:50 AM	30	30	PASS	TB		X	
P-94/P-95	W EOS / E EOS	09/04/14	9:53 AM	9:58 AM	30	29	PASS	TB		X	
P-94/P-96	E EOS / W EOS	09/04/14	9:53 AM	9:59 AM	30	30	PASS	TB		X	
P-95/P-96	N EOS / S EOS	09/04/14	9:53 AM	10:00 AM	30	30	PASS	TB		X	
P-96/P-98	N EOS / S EOS	09/04/14	9:55 AM	10:04 AM	30	30	PASS	TB		X	
P-94/P-98	E EOS / W EOS	09/04/14	9:55 AM	10:04 AM	30	30	PASS	TB		X	
P-66/P-88	E EOS / W EOS	09/04/14	10:01 AM	10:06 AM	30	30	PASS	TB		X	
P-98/P-99	N EOS / S EOS	09/04/14	10:06 AM	10:11 AM	30	30	PASS	TB		X	
P-94/P-99	E EOS / W EOS	09/04/14	10:06 AM	10:11 AM	30	27	PASS	TB		X	
P-97/P-98	S EOS / PD151	09/04/14	10:23 AM	10:28 AM	30	29	PASS	TB	X		
P-97/P-98	PD151 / N EOS	09/04/14	10:03 AM	10:08 AM	30	30	PASS	BM		X	
P-95/P-97	N EOS / PD180	09/04/14	10:26 AM	10:34 AM	30	28	PASS	TB	X		
P-95/P-97	PD180 / S EOS	09/04/14	10:26 AM	1:31 PM	30	30	PASS	TB		X	
P-79/P-80	W EOS / PD175	09/04/14	1:28 PM	1:33 PM	30	30	PASS	BM	X		
P-79/P-80	PD175 / E EOS	09/04/14	3:07 PM	3:12 PM	30	30	PASS	BM		X	
P-99/P-100	N EOS / S EOS	09/04/14	1:41 PM	1:46 PM	30	30	PASS	BM		X	
P-94/P-100	W EOS / E EOS	09/04/14	1:41 PM	1:46 PM	30	27	PASS	BM		X	
P-100/P-101	N EOS / S EOS	09/04/14	1:43 PM	1:48 PM	30	30	PASS	BM		X	
P-94/P-101	W EOS / E EOS	09/04/14	1:43 PM	1:48 PM	30	30	PASS	BM		X	
P-93/P-94	S EOS / N EOS	09/04/14	1:45 PM	1:50 PM	30	30	PASS	BM		X	
P-93/P-101	E EOS / W EOS	09/04/14	1:52 PM	1:57 PM	30	30	PASS	BM		X	
P-101/P-102	N EOS / S EOS	09/04/14	1:52 PM	1:57 PM	30	28	PASS	BM		X	
P-93/P-102	E EOS / W EOS	09/04/14	1:57 PM	2:02 PM	30	30	PASS	BM		X	
P-91/P-93	E EOS / W EOS	09/04/14	1:57 PM	2:02 PM	30	29	PASS	BM		X	
P-91/P-102	E EOS / W EOS	09/04/14	1:59 PM	2:04 PM	30	30	PASS	BM		X	
P-102/P-103	N EOS / S EOS	09/04/14	2:10 PM	2:15 PM	30	29	PASS	BM		X	

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Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-103/P-104	W EOS / E EOS	09/04/14	2:10 PM	2:15 PM	30	30	PASS	BM		X	
P-91/P-104	W EOS / E EOS	09/04/14	2:10 PM	2:15 PM	30	28	PASS	BM		X	
P-103/P-106	N EOS / S EOS	09/04/14	2:14 PM	2:19 PM	30	29	PASS	BM		X	
P-104/P-106	S EOS / N EOS	09/04/14	2:14 PM	2:19 PM	30	29	PASS	BM		X	
P-103/P-105	E EOS / W EOS	09/04/14	2:23 PM	2:28 PM	30	29	PASS	BM		X	
P-105/P-106	N EOS / S EOS	09/04/14	2:23 PM	2:28 PM	30	28	PASS	BM		X	
P-102/P-105	N EOS / S EOS	09/04/14	2:25 PM	2:30 PM	30	28	PASS	BM		X	
P-86/P-87	S EOS / N EOS	09/04/14	2:30 PM	2:35 PM	30	28	PASS	BM		X	
P-86/P-89	W EOS / E EOS	09/04/14	2:30 PM	2:35 PM	30	28	PASS	BM		X	
P-89/P-90	N EOS / S EOS	09/04/14	2:38 PM	2:43 PM	30	28	PASS	BM		X	
P-86/P-90	W EOS / E EOS	09/04/14	2:38 PM	2:43 PM	30	30	PASS	BM		X	
P-85/P-86	W EOS / E EOS	09/04/14	2:37 PM	2:42 PM	30	30	PASS	BM		X	
P-106/P-108	N EOS / S EOS	09/04/14	2:47 PM	2:52 PM	30	30	PASS	BM		X	
P-107/P-108	W EOS / E EOS	09/04/14	2:49 PM	2:54 PM	30	30	PASS	BM		X	
P-86/P-107	W EOS / E EOS	09/04/14	2:51 PM	2:56 PM	30	29	PASS	BM		X	
P-90/P-106	E EOS / W EOS	09/04/14	2:52 PM	2:57 PM	30	30	PASS	BM		X	
P-84/P-85	N EOS / S EOS	09/04/14	2:58 PM	3:03 PM	30	29	PASS	BM		X	
P-83/P-84	W EOS / E EOS	09/04/14	2:58 PM	3:03 PM	30	30	PASS	BM		X	
P-106/P-109	S EOS / N EOS	09/06/14	9:43 AM	9:48 AM	30	30	PASS	BM		X	
P-109/P-111	S EOS / N EOS	09/06/14	9:47 AM	9:52 AM	30	29	PASS	BM		X	
P-113/P-115	S EOS / N EOS	09/06/14	9:52 AM	9:57 AM	30	30	PASS	BM		X	
P-111/P-113	S EOS / N EOS	09/06/14	9:54 AM	9:56 AM	30	30	PASS	BM		X	
P-115/P-118	S EOS / N EOS	09/06/14	9:55 AM	10:00 AM	30	30	PASS	BM		X	
P-118/P-119	S EOS / N EOS	09/06/14	10:07 AM	10:12 AM	30	30	PASS	BM		X	
P-119/P-120	S EOS / N EOS	09/06/14	10:08 AM	10:13 AM	30	30	PASS	BM		X	
P-120/P-121	S EOS / N EOS	09/06/14	10:09 AM	10:14 AM	30	30	PASS	BM		X	
P-121/P-122	S EOS / PD167	09/06/14	10:10 AM	10:15 AM	30	30	PASS	BM	X		
P-121/P-122	PD167 / N EOS	09/06/14	10:59 AM	1:00 PM	30	30	PASS	BM		X	

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

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-122/P-123	S EOS / N EOS	09/06/14	10:11 AM	10:16 AM	30	30	PASS	BM		X	
P-123/P-125	S EOS / N EOS	09/06/14	10:38 AM	10:43 AM	30	29	PASS	BM		X	
P-125/P-127	S EOS / N EOS	09/06/14	10:39 AM	10:44 AM	30	30	PASS	BM		X	
P-127/P-129	S EOS / N EOS	09/06/14	10:40 AM	10:45 AM	30	30	PASS	BM		X	
P-109/P-110	S EOS / N EOS	09/06/14	10:59 AM	11:04 AM	30	28	PASS	BM		X	
P-110/P-111	W EOS / E EOS	09/06/14	10:59 AM	11:04 AM	30	30	PASS	BM		X	
P-110/P-113	S EOS / N EOS	09/06/14	11:00 AM	11:05 AM	30	30	PASS	BM		X	
P-108/P-109	W EOS / E EOS	09/06/14	11:02 AM	11:07 AM	30	30	PASS	BM		X	
P-108/P-110	S EOS / N EOS	09/06/14	11:02 AM	11:07 AM	30	30	PASS	BM		X	
P-107/P-110	S EOS / PD169	09/06/14	11:14 AM	11:19 AM	30	30	PASS	BM	X		
P-107/P-110	PD169 / N EOS	09/06/14	11:14 AM	11:19 AM	30	30	PASS	BM		X	
P-86/P-110	E EOS / W EOS	09/06/14	11:15 AM	11:20 AM	30	30	PASS	BM		X	
P-84/P-110	W EOS / E EOS	09/06/14	11:15 AM	11:20 AM	30	30	PASS	BM		X	
P-112/P-113	N EOS / S EOS	09/06/14	11:16 AM	11:21 AM	30	30	PASS	BM		X	
P-84/P-113	W EOS / E EOS	09/06/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-84/P-112	W EOS / E EOS	09/06/14	12:21 PM	12:26 PM	30	30	PASS	BM		X	
P-83/P-112	W EOS / E EOS	09/06/14	12:21 PM	12:26 PM	30	30	PASS	BM		X	
P-112/P-114	N EOS / S EOS	09/06/14	12:23 PM	12:28 PM	30	29	PASS	BM		X	
P-114/P-115	W EOS / E EOS	09/06/14	12:23 PM	12:28 PM	30	30	PASS	BM		X	
P-112/P-115	N EOS / S EOS	09/06/14	12:22 PM	12:27 PM	30	28	PASS	BM		X	
P-83/P-114	W EOS / E EOS	09/06/14	12:33 PM	12:38 PM	30	30	PASS	BM		X	
P-115/P-117	N EOS / S EOS	09/06/14	12:30 PM	12:35 PM	30	29	PASS	BM		X	
P-117/P-118	W EOS / E EOS	09/06/14	12:30 PM	12:35 PM	30	30	PASS	BM		X	
P-117/P-119	N EOS / S EOS	09/06/14	12:31 PM	12:36 PM	30	30	PASS	BM		X	
P-114/P-117	S EOS / N EOS	09/06/14	12:32 PM	12:38 PM	30	30	PASS	BM		X	
P-82/P-114	W EOS / E EOS	09/06/14	12:42 PM	12:47 PM	30	29	PASS	BM		X	
P-82/P-117	W EOS / E EOS	09/06/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-82/P-116	W EOS / E EOS	09/06/14	12:46 PM	12:51 PM	30	29	PASS	BM		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-116/P-117	W EOS / E EOS	09/06/14	12:46 PM	12:51 PM	30	29	PASS	BM		X	
P-116/P-119	S EOS / N EOS	09/06/14	12:48 PM	12:53 PM	30	30	PASS	BM		X	
P-123/P-124	S EOS / N EOS	09/06/14	12:56 PM	1:01 PM	30	29	PASS	BM		X	
P-124/P-125	W EOS / E EOS	09/06/14	12:56 PM	1:01 PM	30	30	PASS	BM		X	
P-125/P-126	N EOS / S EOS	09/06/14	12:58 PM	1:03 PM	30	30	PASS	BM		X	
P-126/P-127	E EOS / W EOS	09/06/14	1:12 PM	1:17 PM	30	30	PASS	BM		X	
P-127/P-128	N EOS / S EOS	09/06/14	1:12 PM	1:17 PM	30	30	PASS	BM		X	
P-126/P-128	S EOS / N EOS	09/06/14	1:12 PM	1:17 PM	30	30	PASS	BM		X	
P-128/P-129	W EOS / E EOS	09/06/14	1:13 PM	1:18 PM	30	30	PASS	BM		X	
P-129/P-130	S EOS / N EOS	09/07/14	9:17 AM	9:22 AM	30	30	PASS	BM		X	
P-130/P-132	S EOS / N EOS	09/07/14	9:25 AM	9:30 AM	30	30	PASS	BM		X	
P-133/P-134	S EOS / N EOS	09/07/14	9:55 AM	10:00 AM	30	29	PASS	BM		X	
P-135/P-136	E EOS / W EOS	09/07/14	9:56 AM	10:01 AM	30	28	PASS	BM		X	
P-134/P-135	E EOS / W EOS	09/07/14	9:57 AM	10:02 AM	30	30	PASS	BM		X	
P-132/P-133	S EOS / N EOS	09/07/14	10:15 AM	10:20 AM	30	30	PASS	BM		X	
P-134/P-136	E EOS / W EOS	09/07/14	10:19 AM	10:24 AM	30	29	PASS	BM		X	
P-133/P-136	E EOS / W EOS	09/07/14	10:35 AM	10:40 AM	30	30	PASS	BM		X	
P-133/P-137	E EOS / W EOS	09/07/14	10:37 AM	10:42 AM	30	30	PASS	BM		X	
P-136/P-137	E EOS / W EOS	09/07/14	10:36 AM	10:41 AM	30	30	PASS	BM		X	
P-137/P-138	E EOS / W EOS	09/07/14	10:39 AM	10:44 AM	30	30	PASS	BM		X	
P-131/P-132	E EOS / W EOS	09/07/14	11:03 AM	11:08 AM	30	29	PASS	BM		X	
P-133/P-138	E EOS / W EOS	09/07/14	11:04 AM	11:09 AM	30	27	PASS	BM		X	
P-139/P-140	S EOS / N EOS	09/07/14	11:06 AM	11:11 AM	30	30	PASS	BM		X	
P-131/P-139	E EOS / W EOS	09/07/14	11:06 AM	11:11 AM	30	30	PASS	BM		X	
P-138/P-140	E EOS / W EOS	09/07/14	11:07 AM	11:12 AM	30	30	PASS	BM		X	
P-131/P-138	E EOS / W EOS	09/07/14	11:15 AM	11:20 AM	30	30	PASS	CS		X	
P-140/P-141	E EOS / W EOS	09/07/14	11:21 AM	11:26 AM	30	27	PASS	CS		X	
P-139/P-141	E EOS / W EOS	09/07/14	11:21 AM	11:26 AM	30	30	PASS	CS		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-130/P-141	E EOS / W EOS	09/07/14	11:24 AM	11:29 AM	30	30	PASS	CS		X	
P-142/P-143	S EOS / N EOS	09/07/14	11:26 AM	11:31 AM	30	30	PASS	CS		X	
P-130/P-131	S EOS / N EOS	09/07/14	11:32 AM	11:37 AM	30	30	PASS	CS		X	
P-141/P-143	W EOS / E EOS	09/10/14	1:26 PM	1:31 PM	30	30	PASS	BM		X	
P-143/P-144	W EOS / E EOS	09/10/14	1:31 PM	1:36 PM	30	30	PASS	BM		X	
P-142/P-144	E EOS / W EOS	09/10/14	1:31 PM	1:36 PM	30	30	PASS	BM		X	
P-130/P-142	S EOS / N EOS	09/10/14	1:26 PM	1:31 PM	30	29	PASS	BM		X	
P-128/P-142	S EOS / N EOS	09/10/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-128/P-144	S EOS / N EOS	09/10/14	1:33 PM	1:36 PM	30	30	PASS	BM		X	Partial Seam Capped
P-144/P-145	W EOS / E EOS	09/10/14	1:41 PM	1:46 PM	30	28	PASS	BM		X	
P-128/P-145	S EOS / N EOS	09/10/14	1:41 PM	1:46 PM	30	30	PASS	BM		X	
P-126/P-145	N EOS / S EOS	09/10/14	1:46 PM	1:51 PM	30	30	PASS	BM		X	
P-145/P-147	W EOS / E EOS	09/10/14	1:46 PM	1:51 PM	30	30	PASS	BM		X	
P-146/P-147	S EOS / N EOS	09/10/14	1:46 PM	1:51 PM	30	28	PASS	BM		X	
P-126/P-146	S EOS / N EOS	09/10/14	1:46 PM	1:51 PM	30	30	PASS	BM		X	
P-147/P-149	W EOS / E EOS	09/10/14	2:00 PM	2:05 PM	30	30	PASS	BM		X	
P-146/P-149	E EOS / W EOS	09/10/14	2:02 PM	2:07 PM	30	30	PASS	BM		X	
P-126/P-149	S EOS / N EOS	09/10/14	2:03 PM	2:08 PM	30	30	PASS	BM		X	
P-145/P-148	W EOS / E EOS	09/10/14	2:10 PM	2:15 PM	30	30	PASS	BM		X	
P-147/P-148	S EOS / N EOS	09/10/14	2:10 PM	2:15 PM	30	30	PASS	BM		X	
P-148/P-149	W EOS / E EOS	09/10/14	2:10 PM	2:15 PM	30	30	PASS	BM		X	
P-124/P-149	N EOS / S EOS	09/10/14	2:22 PM	2:27 PM	30	28	PASS	BM		X	
P-150/P-151	S EOS / N EOS	09/10/14	2:22 PM	2:27 PM	30	30	PASS	BM		X	
P-124/P-150	S EOS / N EOS	09/10/14	2:22 PM	2:27 PM	30	28	PASS	BM		X	
P-150/P-152	W EOS / E EOS	09/10/14	2:23 PM	2:28 PM	30	30	PASS	BM		X	
P-124/P-152	N EOS / S EOS	09/10/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-123/P-152	S EOS / N EOS	09/10/14	2:27 PM	2:32 PM	30	30	PASS	BM		X	
P-124/P-151	S EOS / N EOS	09/10/14	-	-	0	0	FAIL	BM		X	Seam Capped

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

Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-151/P-152	W EOS / E EOS	09/10/14	2:38 PM	2:43 PM	30	30	PASS	BM		X	
P-149/P-151	W EOS / PD226	09/10/14	2:37 PM	2:42 PM	30	30	PASS	BM	X		
P-149/P-151	PD226 / E EOS	09/10/14	2:57 PM	3:02 PM	30	30	PASS	BM		X	
P-152/P-154	W EOS / E EOS	09/10/14	2:39 PM	3:02 PM	30	28	PASS	BM		X	
P-122/P-155	W EOS / E EOS	09/10/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-154/P-155	W EOS / E EOS	09/10/14	2:41 PM	2:46 PM	30	30	PASS	BM		X	
P-155/P-156	W EOS / PD250	09/10/14	2:55 PM	3:00 PM	30	30	PASS	BM	X		
P-155/P-156	PD250 / W EOS	09/10/14	5:33 PM	5:23 PM	30	30	PASS	BM		X	
P-123/P-154	S EOS / N EOS	09/10/14	3:20 PM	3:25 PM	30	30	PASS	BM		X	
P-153/P-154	S EOS / N EOS	09/10/14	3:15 PM	3:20 PM	30	30	PASS	BM		X	
P-123/P-153	S EOS / N EOS	09/10/14	3:22 PM	3:27 PM	30	30	PASS	BM		X	
P-153/P-155	E EOS / W EOS	09/10/14	3:23 PM	3:28 PM	30	28	PASS	BM		X	
P-156/P-157	W EOS / PD263	09/10/14	3:27 PM	3:32 PM	30	30	PASS	BM	X		
P-156/P-157	PD263 / E EOS	09/10/14	3:28 PM	3:33 PM	30	28	PASS	BM		X	
P-157/P-158	W EOS / E EOS	09/10/14	3:31 PM	3:36 PM	30	30	PASS	BM		X	
P-158/P-159	W EOS / E EOS	09/10/14	4:38 PM	4:43 PM	30	30	PASS	BM		X	
P-159/P-160	W EOS / E EOS	09/10/14	4:39 PM	4:44 PM	30	30	PASS	BM		X	
P-160/P-161	W EOS / E EOS	09/10/14	4:40 PM	4:45 PM	30	29	PASS	BM		X	
P-161/P-162	W EOS / E EOS	09/10/14	4:41 PM	4:46 PM	30	30	PASS	BM		X	
P-162/P-163	W EOS / E EOS	09/10/14	4:42 PM	4:47 PM	30	30	PASS	BM		X	
P-163/P-164	W EOS / E EOS	09/10/14	4:49 PM	4:54 PM	30	30	PASS	BM		X	
P-164/P-165	W EOS / PD267	09/10/14	4:50 PM	4:55 PM	30	30	PASS	BM	X		
P-164/P-165	PD267 / E EOS	09/10/14	4:51 PM	4:56 PM	30	30	PASS	BM		X	
P-165/P-166	W EOS / E EOS	09/10/14	4:54 PM	4:59 PM	30	30	PASS	BM		X	
P-166/P-167	W EOS / E EOS	09/10/14	5:33 PM	5:23 PM	30	30	PASS	BM		X	
P-119/P-178	W EOS / E EOS	09/11/14	3:18 PM	3:23 PM	30	29	PASS	CS		X	
P-120/P-178	W EOS / E EOS	09/11/14	3:18 PM	3:23 PM	30	28	PASS	CS		X	
P-121/P-178	W EOS / E EOS	09/11/14	3:19 PM	3:24 PM	30	27	PASS	CS		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-122/P-178	W EOS / E EOS	09/11/14	3:19 PM	3:24 PM	30	30	PASS	CS		X	
P-167/P-168	E EOS / W EOS	09/11/14	3:40 PM	3:45 PM	30	27	PASS	CS		X	
P-168/P-169	E EOS / W EOS	09/11/14	3:41 PM	3:45 PM	30	28	PASS	CS		X	
P-169/P-170	E EOS / W EOS	09/11/14	3:42 PM	3:47 PM	30	30	PASS	CS		X	
P-170/P-171	E EOS / PD272	09/11/14	3:43 PM	3:48 PM	30	30	PASS	CS	X		
P-170/P-171	PD272 / W EOS	09/11/14	3:43 PM	3:48 PM	30	30	PASS	CS		X	
P-171/P-172	E EOS / W EOS	09/11/14	3:50 PM	3:55 PM	30	30	PASS	CS		X	
P-172/P-173	E EOS / W EOS	09/11/14	3:51 PM	3:56 PM	30	30	PASS	CS		X	
P-173/P-174	E EOS / W EOS	09/11/14	3:52 PM	3:57 PM	30	30	PASS	CS		X	
P-174/P-175	E EOS / W EOS	09/11/14	3:54 PM	3:59 PM	30	30	PASS	CS		X	
P-175/P-176	E EOS / W EOS	09/11/14	3:55 PM	4:00 PM	30	30	PASS	CS		X	
P-176/P-177	E EOS / W EOS	09/11/14	4:02 PM	4:07 PM	30	30	PASS	CS		X	
P-155/P-178	S EOS / N EOS	09/13/14	10:02 AM	10:07 AM	30	29	PASS	BM		X	
P-80/P-178	N EOS / S EOS	09/13/14	10:14 AM	10:19 AM	30	30	PASS	BM		X	
P-81/P-178	N EOS / S EOS	09/13/14	10:36 AM	10:41 AM	30	30	PASS	BM		X	
P-81/P-214	N EOS / S EOS	09/13/14	10:32 AM	10:37 AM	30	29	PASS	BM		X	
P-116/P-214	E EOS / W EOS	09/13/14	10:31 AM	10:36 AM	30	29	PASS	BM		X	
P-177/P-179	E EOS / W EOS	09/13/14	1:30 PM	1:35 PM	30	30	PASS	CS		X	
P-179/P-180	E EOS / W EOS	09/13/14	1:30 PM	1:35 PM	30	29	PASS	CS		X	
P-180/P-181	E EOS / W EOS	09/13/14	1:34 PM	1:39 PM	30	30	PASS	CS		X	
P-181/P-182	E EOS / W EOS	09/13/14	1:35 PM	1:40 PM	30	30	PASS	CS		X	
P-182/P-183	E EOS / PD285	09/13/14	1:36 PM	1:41 PM	30	30	PASS	CS	X		
P-182/P-183	PD285 / W EOS	09/13/14	1:45 PM	1:50 PM	30	28	PASS	CS		X	
P-183/P-184	E EOS / W EOS	09/13/14	1:45 PM	1:50 PM	30	29	PASS	CS		X	
P-184/P-185	E EOS / W EOS	09/13/14	1:46 PM	1:51 PM	30	28	PASS	CS		X	
P-185/P-186	E EOS / W EOS	09/13/14	1:48 PM	1:53 PM	30	30	PASS	CS		X	
P-186/P-187	E EOS / W EOS	09/13/14	1:48 PM	1:53 PM	30	30	PASS	CS		X	
P-187/P-188	E EOS / W EOS	09/13/14	1:59 PM	2:05 PM	30	27	PASS	CS		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-188/P-189	E EOS / W EOS	09/13/14	2:00 PM	2:00 PM	30	30	PASS	CS		X	
P-189/P-190	E EOS / W EOS	09/13/14	2:01 PM	2:06 PM	30	30	PASS	CS		X	
P-190/P-191	E EOS / W EOS	09/13/14	2:02 PM	2:07 PM	30	30	PASS	CS		X	
P-191/P-192	E EOS / W EOS	09/13/14	2:57 PM	3:02 PM	30	30	PASS	CS		X	
P-192/P-193	E EOS / W EOS	09/13/14	2:58 PM	3:03 PM	30	30	PASS	CS		X	
P-193/P-194	E EOS / W EOS	09/13/14	2:59 PM	3:04 PM	30	28	PASS	CS		X	
P-194/P-195	E EOS / W EOS	09/13/14	3:00 PM	3:05 PM	30	30	PASS	CS		X	
P-195/P-196	E EOS / W EOS	09/13/14	3:11 PM	3:16 PM	30	30	PASS	CS		X	
P-196/P-197	E EOS / PD300	09/13/14	3:12 PM	3:17 PM	30	30	PASS	CS	X		
P-196/P-197	PD300 / W EOS	09/13/14	3:12 PM	3:17 PM	30	30	PASS	CS		X	
P-197/P-198	E EOS / W EOS	09/13/14	3:13 PM	3:18 PM	30	30	PASS	CS		X	
P-198/P-199	E EOS / W EOS	09/13/14	3:29 PM	3:34 PM	30	29	PASS	CS		X	
P-199/P-200	E EOS / W EOS	09/13/14	3:30 PM	3:35 PM	30	29	PASS	CS		X	
P-200/P-201	E EOS / W EOS	09/13/14	3:31 PM	3:36 PM	30	30	PASS	CS		X	
P-201/P-202	E EOS / W EOS	09/13/14	3:38 PM	3:43 PM	30	30	PASS	CS		X	
P-202/P-203	E EOS / W EOS	09/13/14	3:39 PM	3:44 PM	30	28	PASS	CS		X	
P-203/P-204	E EOS / W EOS	09/13/14	3:40 PM	3:45 PM	30	29	PASS	CS		X	
P-204/P-205	E EOS / W EOS	09/13/14	3:40 PM	3:45 PM	30	30	PASS	CS		X	
P-205/P-206	E EOS / W EOS	09/13/14	3:50 PM	3:50 PM	30	30	PASS	CS		X	
P-206/P-207	E EOS / W EOS	09/13/14	3:51 PM	3:56 PM	30	28	PASS	CS		X	
P-207/P-208	E EOS / W EOS	09/13/14	3:52 PM	3:57 PM	30	29	PASS	CS		X	
P-208/P-209	E EOS / W EOS	09/13/14	3:53 PM	3:58 PM	30	28	PASS	CS		X	
P-209/P-210	E EOS / W EOS	09/13/14	4:47 PM	4:52 PM	30	29	PASS	CS		X	
P-210/P-211	E EOS / W EOS	09/13/14	4:48 PM	4:53 PM	30	30	PASS	CS		X	
P-211/P-212	E EOS / W EOS	09/13/14	4:54 PM	4:54 PM	30	29	PASS	CS		X	
P-212/P-213	E EOS / W EOS	09/13/14	4:58 PM	5:03 PM	30	29	PASS	CS		X	
P-178/P-215	E EOS / W EOS	09/15/14	7:55 AM	8:00 AM	30	30	PASS	BM		X	
P-156/P-215	S EOS / N EOS	09/15/14	7:55 AM	8:00 AM	30	30	PASS	BM		X	

Acronyms:
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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-215/P-216	E EOS / W EOS	09/15/14	7:56 AM	8:01 AM	30	30	PASS	BM		X	
P-216/P-217	E EOS / W EOS	09/15/14	8:06 AM	8:11 AM	30	30	PASS	BM		X	
P-158/P-217	S EOS / N EOS	09/15/14	8:08 AM	8:13 AM	30	30	PASS	BM		X	
P-157/P-216	N EOS / S EOS	09/15/14	8:08 AM	8:13 AM	30	28	PASS	BM		X	
P-217/P-219	E EOS / W EOS	09/15/14	8:22 AM	8:27 AM	30	28	PASS	BM		X	
P-218/P-219	S EOS / N EOS	09/15/14	8:22 AM	8:27 AM	30	30	PASS	BM		X	
P-219/P-220	E EOS / W EOS	09/15/14	8:24 AM	8:29 AM	30	30	PASS	BM		X	
P-217/P-218	E EOS / W EOS	09/15/14	8:32 AM	8:37 AM	30	28	PASS	BM		X	
P-218/P-220	E EOS / W EOS	09/15/14	8:32 AM	8:37 AM	30	30	PASS	BM		X	
P-159/P-218	N EOS / S EOS	09/15/14	8:32 AM	8:37 AM	30	30	PASS	BM		X	
P-220/P-221	E EOS / W EOS	09/15/14	8:43 AM	8:48 AM	30	30	PASS	AF		X	
P-160/P-220	N EOS / S EOS	09/15/14	8:43 AM	8:48 AM	30	30	PASS	AF		X	
P-161/P-221	S EOS / N EOS	09/15/14	8:43 AM	8:48 AM	30	30	PASS	AF		X	
P-221/P-222	E EOS / W EOS	09/15/14	8:53 AM	8:58 AM	30	30	PASS	AF		X	
P-162/P-222	S EOS / N EOS	09/15/14	8:53 AM	8:58 AM	30	30	PASS	AF		X	
P-222/P-224	E EOS / W EOS	09/15/14	9:00 AM	9:05 AM	30	30	PASS	AF		X	
P-221/P-223	E EOS / W EOS	09/15/14	9:09 AM	9:14 AM	30	30	PASS	AF		X	
P-222/P-223	N EOS / S EOS	09/15/14	9:09 AM	9:14 AM	30	30	PASS	AF		X	
P-223/P-224	E EOS / W EOS	09/15/14	9:17 AM	9:22 AM	30	30	PASS	AF		X	
P-18/P-223	N EOS / S EOS	09/15/14	9:17 AM	9:22 AM	30	0	FAIL	AF		X	Seam Capped
P-19/P-223	N EOS / S EOS	09/15/14	9:17 AM	9:22 AM	30	30	PASS	AF		X	
P-21/P-220	N EOS / PD338	09/15/14	9:26 AM	9:31 AM	30	30	PASS	AF	X		
P-21/P-220	PD338 / S EOS	09/15/14	9:46 AM	9:51 AM	30	30	PASS	AF		X	
P-20/P-221	N EOS / PD340	09/15/14	9:40 AM	9:45 AM	30	30	PASS	AF	X		
P-20/P-221	PD340 / S EOS	09/15/14	-	-	0	0	FAIL	AF		X	Seam Capped
P-21/P-221	N EOS / S EOS	09/15/14	-	-	0	0	FAIL	AF		X	Seam Capped
P-22/P-220	N EOS / S EOS	09/15/14	9:50 AM	9:55 AM	30	29	PASS	AF		X	
P-22/P-219	N EOS / S EOS	09/15/14	10:10 AM	10:15 AM	30	30	PASS	AF		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-77/P-219	N EOS / S EOS	09/15/14	10:10 AM	10:15 AM	30	28	PASS	AF		X	
P-77/P-217	N EOS / S EOS	09/15/14	10:18 AM	10:23 AM	30	30	PASS	AF		X	
P-78/P-217	N EOS / S EOS	09/15/14	10:18 AM	10:23 AM	30	30	PASS	AF		X	
P-78/P-216	N EOS / S EOS	09/15/14	10:25 AM	10:30 AM	30	30	PASS	AF		X	
P-79/P-216	N EOS / S EOS	09/15/14	10:25 AM	10:30 AM	30	29	PASS	AF		X	
P-79/P-215	N EOS / S EOS	09/15/14	10:34 AM	10:39 AM	30	28	PASS	AF		X	
P-80/P-215	N EOS / S EOS	09/15/14	10:34 AM	10:39 AM	30	30	PASS	AF		X	
P-163/P-224	N EOS / S EOS	09/16/14	7:42 AM	7:47 AM	30	30	PASS	BM		X	
P-164/P-225	S EOS / N EOS	09/16/14	7:42 AM	7:47 AM	30	30	PASS	BM		X	
P-224/P-225	E EOS / W EOS	09/16/14	7:42 AM	7:47 AM	30	30	PASS	BM		X	
P-165/P-227	S EOS / N EOS	09/16/14	7:44 AM	7:49 AM	30	28	PASS	BM		X	
P-225/P-227	E EOS / W EOS	09/16/14	7:44 AM	7:49 AM	30	30	PASS	BM		X	
P-227/P-229	E EOS / W EOS	09/16/14	7:45 AM	7:50 AM	30	30	PASS	BM		X	
P-166/P-229	N EOS / S EOS	09/16/14	7:52 AM	7:59 AM	30	27	PASS	BM		X	
P-167/P-230	S EOS / N EOS	09/16/14	7:52 AM	7:59 AM	30	29	PASS	BM		X	
P-168/P-231	S EOS / N EOS	09/16/14	7:56 AM	8:01 AM	30	28	PASS	BM		X	
P-229/P-230	E EOS / W EOS	09/16/14	7:52 AM	7:57 AM	30	30	PASS	BM		X	
P-230/P-231	E EOS / W EOS	09/16/14	7:54 AM	7:59 AM	30	30	PASS	BM		X	
P-231/P-233	E EOS / W EOS	09/16/14	8:23 AM	8:28 AM	30	30	PASS	BM		X	
P-169/P-233	N EOS / S EOS	09/16/14	8:23 AM	8:28 AM	30	27	PASS	BM		X	
P-170/P-235	N EOS / S EOS	09/16/14	8:24 AM	8:29 AM	30	30	PASS	BM		X	
P-171/P-236	N EOS / S EOS	09/16/14	8:25 AM	8:30 AM	30	30	PASS	BM		X	
P-233/P-235	E EOS / W EOS	09/16/14	8:24 AM	8:29 AM	30	30	PASS	BM		X	
P-235/P-236	E EOS / W EOS	09/16/14	8:25 AM	8:30 AM	30	30	PASS	CS		X	
P-236/P-239	E EOS / W EOS	09/16/14	8:27 AM	8:32 AM	30	30	PASS	CS		X	
P-172/P-239	S EOS / N EOS	09/16/14	8:29 AM	8:44 AM	30	30	PASS	CS		X	
P-171/P-239	E EOS / W EOS	09/16/14	8:37 AM	8:42 AM	30	29	PASS	CS		X	
P-173/P-240	S EOS / N EOS	09/16/14	8:40 AM	8:45 AM	30	30	PASS	CS		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-239/P-240	E EOS / W EOS	09/16/14	8:40 AM	8:45 AM	30	30	PASS	CS		X	
P-240/P-242	E EOS / W EOS	09/16/14	8:41 AM	8:46 AM	30	30	PASS	CS		X	
P-174/P-242	S EOS / DF392	09/16/14	8:42 AM	8:47 AM	30	30	PASS	CS	X		
P-174/P-242	DF392 / N EOS	09/16/14	8:42 AM	8:47 AM	30	30	PASS	CS		X	
P-242/P-243	E EOS / W EOS	09/16/14	8:46 AM	8:51 AM	30	30	PASS	CS		X	
P-175/P-243	S EOS / N EOS	09/16/14	8:46 AM	8:51 AM	30	30	PASS	CS		X	
P-243/P-244	E EOS / W EOS	09/16/14	9:03 AM	9:08 AM	30	30	PASS	CS		X	
P-176/P-244	S EOS / N EOS	09/16/14	9:03 AM	9:08 AM	30	30	PASS	CS		X	
P-244/P-248	E EOS / W EOS	09/16/14	9:04 AM	9:09 AM	30	30	PASS	CS		X	
P-177/P-248	S EOS / N EOS	09/16/14	9:04 AM	9:09 AM	30	30	PASS	CS		X	
P-248/P-249	E EOS / W EOS	09/16/14	9:05 AM	9:10 AM	30	29	PASS	CS		X	
P-179/P-249	S EOS / N EOS	09/16/14	9:05 AM	9:10 AM	30	30	PASS	CS		X	
P-18/P-224	S EOS / N EOS	09/16/14	9:24 AM	9:23 AM	30	30	PASS	CS		X	
P-17/P-224	S EOS / N EOS	09/16/14	9:24 AM	9:23 AM	30	30	PASS	CS		X	
P-17/P-226	S EOS / N EOS	09/16/14	-	-	0	0	FAIL	CS		X	Seam Capped
P-225/P-226	S EOS / N EOS	09/16/14	9:25 AM	9:30 AM	30	30	PASS	CS		X	
P-10/P-226	S EOS / N EOS	09/16/14	9:29 AM	9:34 AM	30	30	PASS	CS		X	
P-9/P-226	S EOS / N EOS	09/16/14	9:38 AM	9:43 AM	30	28	PASS	CS		X	
P-226/P-227	S EOS / N EOS	09/16/14	9:38 AM	9:43 AM	30	30	PASS	CS		X	
P-9/P-227	E EOS / W EOS	09/16/14	9:38 AM	9:43 AM	30	30	PASS	CS		X	
P-6/P-232	S EOS / N EOS	09/16/14	3:29 PM	3:34 PM	30	28	PASS	CS		X	
P-6/P-230	S EOS / N EOS	09/16/14	3:29 PM	3:34 PM	30	30	PASS	CS		X	
P-232/P-234	E EOS / W EOS	09/16/14	3:39 PM	3:44 PM	30	28	PASS	CS		X	
P-230/P-232	E EOS / W EOS	09/16/14	3:29 PM	3:34 PM	30	30	PASS	CS		X	
P-231/P-232	S EOS / N EOS	09/16/14	3:30 PM	3:35 PM	30	30	PASS	CS		X	
P-5/P-232	S EOS / N EOS	09/16/14	3:30 PM	3:35 PM	30	30	PASS	CS		X	
P-8/P-227	N EOS / S EOS	09/16/14	3:14 PM	3:19 PM	30	28	PASS	CS		X	
P-8/P-228	S EOS / N EOS	09/16/14	3:14 PM	3:19 PM	30	28	PASS	CS		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-7/P-228	N EOS / S EOS	09/16/14	3:16 PM	3:21 PM	30	29	PASS	CS		X	
P-227/P-228	W EOS / E EOS	09/16/14	3:14 PM	3:19 PM	30	30	PASS	CS		X	
P-228/P-230	W EOS / E EOS	09/16/14	3:16 PM	3:21 PM	30	30	PASS	CS		X	
P-228/P-229	S EOS / N EOS	09/16/14	3:15 PM	3:20 PM	30	30	PASS	CS		X	
P-7/P-230	S EOS / N EOS	09/16/14	3:27 PM	3:32 PM	30	30	PASS	CS		X	
P-231/P-234	E EOS / W EOS	09/16/14	3:43 PM	3:48 PM	30	30	PASS	CS		X	
P-233/P-234	S EOS / N EOS	09/16/14	3:43 PM	3:48 PM	30	30	PASS	CS		X	
P-234/P-235	E EOS / W EOS	09/16/14	3:51 PM	3:46 PM	30	30	PASS	CS		X	
P-5/P-234	S EOS / N EOS	09/16/14	3:40 PM	3:45 PM	30	28	PASS	CS		X	
P-4/P-235	S EOS / N EOS	09/16/14	3:57 PM	4:02 PM	30	29	PASS	CS		X	
P-4/P-234	S EOS / N EOS	09/16/14	3:40 PM	3:46 PM	30	29	PASS	CS		X	
P-3/P-235	S EOS / N EOS	09/16/14	3:57 PM	4:02 PM	30	30	PASS	CS		X	
P-235/P-238	E EOS / W EOS	09/16/14	3:59 PM	4:04 PM	30	30	PASS	CS		X	
P-237/P-238	S EOS / W EOS	09/16/14	3:59 PM	4:04 PM	30	30	PASS	CS		X	
P-235/P-237	E EOS / W EOS	09/16/14	4:01 PM	4:06 PM	30	30	PASS	CS		X	
P-238/P-239	E EOS / W EOS	09/16/14	4:11 PM	4:16 PM	30	30	PASS	CS		X	
P-237/P-239	E EOS / W EOS	09/16/14	4:11 PM	4:16 PM	30	30	PASS	CS		X	
P-236/P-237	S EOS / N EOS	09/16/14	4:12 PM	4:17 PM	30	30	PASS	CS		X	
P-3/P-238	S EOS / N EOS	09/16/14	4:14 PM	4:19 PM	30	28	PASS	CS		X	
P-2/P-238	S EOS / N EOS	09/16/14	4:14 PM	4:19 PM	30	30	PASS	CS		X	
P-2/P-239	S EOS / N EOS	09/16/14	4:18 PM	4:23 PM	30	30	PASS	CS		X	
P-1/P-239	S EOS / N EOS	09/16/14	4:18 PM	4:23 PM	30	28	PASS	CS		X	
P-239/P-241	E EOS / W EOS	09/16/14	4:24 PM	4:29 PM	30	29	PASS	CS		X	
P-1/P-241	S EOS / N EOS	09/16/14	4:24 PM	4:29 PM	30	28	PASS	CS		X	
P-67/P-241	S EOS / N EOS	09/16/14	4:24 PM	4:29 PM	30	30	PASS	CS		X	
P-240/P-241	S EOS / N EOS	09/16/14	4:25 PM	4:30 PM	30	30	PASS	CS		X	
P-67/P-242	S EOS / N EOS	09/16/14	4:31 PM	4:36 PM	30	30	PASS	CS		X	
P-241/P-242	E EOS / W EOS	09/16/14	4:31 PM	4:36 PM	30	30	PASS	CS		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-68/P-242	S EOS / N EOS	09/16/14	4:42 PM	4:47 PM	30	28	PASS	CS		X	
P-68/P-243	S EOS / N EOS	09/16/14	4:42 PM	4:47 PM	30	59	PASS	CS		X	
P-69/P-243	S EOS / N EOS	09/16/14	4:43 PM	4:48 PM	30	30	PASS	CS		X	
P-243/P-247	E EOS / W EOS	09/16/14	4:43 PM	4:48 PM	30	30	PASS	CS		X	
P-247/P-248	E EOS / W EOS	09/16/14	4:43 PM	4:48 PM	30	30	PASS	CS		X	
P-246/P-247	S EOS / N EOS	09/16/14	4:44 PM	4:49 PM	30	30	PASS	CS		X	
P-70/P-247	N EOS / PD470	09/16/14	4:53 PM	4:58 PM	30	29	PASS	CS	X		
P-70/P-247	PD470 / S EOS	-	-	-	0	0	FAIL	CS		X	Partial Seam Capped
P-243/P-246	E EOS / W EOS	09/16/14	5:00 PM	5:05 PM	30	28	PASS	CS		X	
P-243/P-245	E EOS / W EOS	09/16/14	5:10 PM	5:15 PM	30	30	PASS	CS		X	
P-245/P-246	S EOS / N EOS	09/16/14	5:03 PM	5:08 PM	30	30	PASS	CS		X	
P-244/P-245	S EOS / N EOS	09/16/14	5:05 PM	5:10 PM	30	30	PASS	CS		X	
P-246/P-248	E EOS / W EOS	09/16/14	5:00 PM	5:05 PM	30	28	PASS	CS		X	
P-245/P-248	E EOS / W EOS	09/16/14	5:03 PM	5:08 PM	30	30	PASS	CS		X	
P-76/P-250	W EOS / PD463	09/17/14	1:55 PM	2:00 PM	30	30	PASS	JR	X		
P-76/P-250	PD463 / E EOS	09/17/14	3:47 PM	3:52 PM	30	27	PASS	JR		X	
P-250/P-251	W EOS / E EOS	09/17/14	1:56 PM	2:01 PM	30	29	PASS	JR		X	
P-251/P-252	W EOS / E EOS	09/17/14	1:57 PM	2:02 PM	30	30	PASS	JR		X	
P-252/P-253	W EOS / E EOS	09/17/14	1:57 PM	2:02 PM	30	30	PASS	JR		X	
P-254/P-255	W EOS / E EOS	09/17/14	1:58 PM	2:03 PM	30	30	PASS	JR		X	
P-253/P-254	W EOS / PD408	09/17/14	1:58 PM	2:03 PM	30	30	PASS	JR	X		
P-253/P-254	PD408 / PD427	09/17/14	3:22 PM	3:27 PM	30	28	PASS	JR	X		
P-253/P-254	PD427 / PD456	09/17/14	3:32 PM	3:37 PM	30	30	PASS	JR	X		
P-253/P-254	PD456 / E EOS	09/17/14	3:41 PM	3:46 PM	30	30	PASS	JR		X	
P-255/P-256	W EOS / E EOS	09/17/14	2:35 PM	2:40 PM	30	29	PASS	JR		X	
P-256/P-257	W EOS / PD299	09/17/14	2:36 PM	2:41 PM	30	28	PASS	JR	X		
P-256/P-257	PD299 / E EOS	09/17/14	3:49 PM	3:54 PM	30	29	PASS	JR		X	
P-258/P-259	W EOS / E EOS	09/17/14	2:37 PM	2:42 PM	30	30	PASS	JR		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-259/P-260	W EOS / E EOS	09/17/14	2:39 PM	2:44 PM	30	28	PASS	JR		X	
P-260/P-261	W EOS / PD454	09/17/14	2:51 PM	2:56 PM	30	29	PASS	JR	X		
P-260/P-261	PD454 / PD430	09/17/14	2:51 PM	2:56 PM	30	30	PASS	JR	X		
P-260/P-261	PD430 / PD456	09/17/14	3:20 PM	3:25 PM	30	30	PASS	JR	X		
P-260/P-261	PD456 / E EOS	09/17/14	3:51 PM	3:56 PM	30	30	PASS	JR		X	
P-261/P-262	W EOS / E EOS	09/17/14	3:53 PM	2:58 PM	30	30	PASS	JR		X	
P-257/P-258	W EOS / E EOS	09/17/14	3:06 PM	3:11 PM	30	30	PASS	JR		X	
P-262/P-263	W EOS / E EOS	09/17/14	3:09 PM	3:14 PM	30	30	PASS	JR		X	
P-263/P-264	W EOS / E EOS	09/17/14	3:10 PM	3:15 PM	30	30	PASS	JR		X	
P-264/P-265	W EOS / E EOS	09/17/14	3:11 PM	3:16 PM	30	30	PASS	JR		X	
P-265/P-266	W EOS / E EOS	09/17/14	3:13 PM	3:18 PM	30	30	PASS	JR		X	
P-76A/P-249	S EOS / N EOS	09/18/14	9:53 AM	9:58 AM	30	30	PASS	BM		X	
P-73/P-249	N EOS / S EOS	09/18/14	9:53 AM	9:58 AM	30	30	PASS	BM		X	
P-73/P-248	S EOS / N EOS	09/18/14	9:54 AM	9:59 AM	30	30	PASS	BM		X	
P-70/P-248	N EOS / S EOS	09/18/14	9:54 AM	9:59 AM	30	30	PASS	BM		X	
P-69/P-247	N EOS / S EOS	09/18/14	9:55 AM	10:00 AM	30	30	PASS	BM		X	
P-70/P-247	S EOS / PD470	09/18/14	9:55 AM	10:00 AM	30	0	FAIL	BM	X		Seam Capped
P-70/P-247	PD470 / N EOS	09/18/14	10:11 AM	10:16 AM	30	28	PASS	BM		X	
P-249/P-267	W EOS / E EOS	09/18/14	4:38 PM	4:43 PM	30	27	PASS	JWR		X	
P-250/P-267	N EOS / S EOS	09/18/14	4:38 PM	4:43 PM	30	30	PASS	JWR		X	
P-250/P-268	N EOS / S EOS	09/18/14	-	-	0	0	FAIL	JWR		X	Seam Capped
P-267/P-268	W EOS / E EOS	09/18/14	4:40 PM	4:45 PM	30	30	PASS	JWR		X	
P-251/P-268	S EOS / N EOS	09/18/14	4:40 PM	4:45 PM	30	30	PASS	JWR		X	
P-251/P-271	S EOS / N EOS	09/18/14	-	-	0	0	FAIL	JWR		X	Seam Capped
P-268/P-271	W EOS / E EOS	09/18/14	4:43 PM	4:48 PM	30	30	PASS	JWR		X	
P-252/P-271	S EOS / N EOS	09/18/14	4:43 PM	4:48 PM	30	30	PASS	JWR		X	
P-252/P-272	N EOS / S EOS	09/18/14	-	-	0	0	FAIL	JWR		X	Seam Capped
P-271/P-272	W EOS / E EOS	09/18/14	4:51 PM	4:56 PM	30	30	PASS	JWR		X	

Acronyms:
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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-253/P-272	S EOS / N EOS	09/18/14	4:51 PM	4:56 PM	30	30	PASS	JWR		X	
P-272/P-273	W EOS / E EOS	09/18/14	4:53 PM	4:58 PM	30	30	PASS	JWR		X	
P-254/P-273	S EOS / N EOS	09/18/14	4:53 PM	4:58 PM	30	30	PASS	JWR		X	
P-273/P-275	W EOS / E EOS	09/18/14	4:56 PM	5:01 PM	30	30	PASS	JWR		X	
P-255/P-275	N EOS / S EOS	09/18/14	5:01 PM	5:06 PM	30	30	PASS	JWR		X	
P-275/P-277	W EOS / E EOS	09/18/14	5:01 PM	5:06 PM	30	30	PASS	JWR		X	
P-256/P-277	S EOS / N EOS	09/18/14	5:01 PM	5:06 PM	30	30	PASS	JWR		X	
P-277/P-280	W EOS / E EOS	09/18/14	5:03 PM	5:08 PM	30	30	PASS	JWR		X	
P-257/P-280	S EOS / N EOS	09/18/14	5:05 PM	5:10 PM	30	30	PASS	JWR		X	
P-280/P-282	W EOS / E EOS	09/18/14	5:26 PM	5:31 PM	30	30	PASS	JWR		X	
P-258/P-282	S EOS / N EOS	09/18/14	5:26 PM	5:31 PM	30	30	PASS	JWR		X	
P-258/P-280	N EOS / S EOS	09/18/14	-	-	0	0	FAIL	JWR		X	Seam Capped
P-282/P-284	W EOS / E EOS	09/18/14	5:28 PM	5:33 PM	30	30	PASS	JWR		X	
P-259/P-284	S EOS / N EOS	09/18/14	5:28 PM	5:33 PM	30	30	PASS	JWR		X	
P-259/P-282	N EOS / S EOS	09/18/14	-	-	0	0	FAIL	JWR		X	Seam Capped
P-283/P-284	S EOS / N EOS	09/18/14	5:31 PM	5:36 PM	30	30	PASS	JWR		X	
P-282/P-283	W EOS / E EOS	09/18/14	5:31 PM	5:38 PM	30	27	PASS	JWR		X	
P-281/P-282	N EOS / S EOS	09/18/14	5:34 PM	5:39 PM	30	30	PASS	JWR		X	
P-281/P-283	W EOS / E EOS	09/18/14	5:52 PM	5:57 PM	30	30	PASS	JWR		X	
P-280/P-281	W EOS / E EOS	09/18/14	5:53 PM	5:58 PM	30	30	PASS	JWR		X	
P-279/P-280	N EOS / S EOS	09/18/14	5:55 PM	6:00 PM	30	30	PASS	JWR		X	
P-279/P-281	W EOS / E EOS	09/18/14	5:55 PM	6:00 PM	30	30	PASS	JWR		X	
P-278/P-279	W EOS / E EOS	09/18/14	5:56 PM	6:01 PM	30	30	PASS	JWR		X	
P-277/P-278	S EOS / N EOS	09/19/14	10:54 AM	10:59 AM	30	30	PASS	BM		X	
P-275/P-278	W EOS / E EOS	09/19/14	10:54 AM	10:59 AM	30	30	PASS	BM		X	
P-278/P-280	E EOS / PD497	09/19/14	10:53 AM	10:58 AM	30	28	PASS	BM	X		
P-278/P-280	PD497 / W EOS	09/19/14	11:06 AM	11:11 AM	30	30	PASS	BM		X	
P-276/P-278	W EOS / E EOS	09/19/14	10:55 AM	11:00 AM	30	29	PASS	BM		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-274/P-276	W EOS / E EOS	09/19/14	10:56 AM	11:01 AM	30	30	PASS	BM		X	
P-275/P-276	S EOS / N EOS	09/19/14	11:10 AM	11:15 AM	30	30	PASS	BM		X	
P-274/P-275	E EOS / W EOS	09/19/14	11:10 AM	11:15 AM	30	28	PASS	BM		X	
P-273/P-274	S EOS / N EOS	09/19/14	11:19 AM	11:24 AM	30	30	PASS	BM		X	
P-272/P-274	W EOS / E EOS	09/19/14	11:19 AM	11:24 AM	30	30	PASS	BM		X	
P-270/P-272	W EOS / E EOS	09/19/14	11:20 AM	11:25 AM	30	30	PASS	BM		X	
P-269/P-270	W EOS / PD498	09/19/14	11:21 AM	11:26 AM	30	30	PASS	BM	X		
P-269/P-270	PD498 / E EOS	09/19/14	11:35 AM	11:40 AM	30	30	PASS	BM		X	
P-268/P-269	N EOS / S EOS	09/19/14	11:36 AM	11:41 AM	30	30	PASS	BM		X	
P-269/P-271	W EOS / E EOS	09/19/14	11:36 AM	11:41 AM	30	27	PASS	BM		X	
P-267/P-269	W EOS / PD503	09/19/14	11:42 AM	11:47 AM	30	29	PASS	BM	X		
P-267/P-269	PD503 / E EOS	09/19/14	11:54 AM	11:59 AM	30	30	PASS	BM		X	
P-180/P-267	S EOS / PD502	09/19/14	11:54 AM	11:59 AM	30	30	PASS	BM	X		
P-180/P-267	PD502 / N EOS	09/19/14	11:54 AM	11:59 AM	30	30	PASS	BM		X	
P-181/P-269	S EOS / N EOS	09/19/14	11:56 AM	12:01 PM	30	30	PASS	BM		X	
P-179/P-267	E EOS / W EOS	09/19/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-180/P-269	E EOS / W EOS	09/19/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-181/P-270	E EOS / W EOS	09/19/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-182/P-270	N EOS / S EOS	09/19/14	12:01 PM	12:06 PM	30	30	PASS	BM		X	
P-182/P-272	E EOS / W EOS	09/19/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-183/P-272	S EOS / N EOS	09/19/14	12:01 PM	12:06 PM	30	30	PASS	BM		X	
P-184/P-274	S EOS / N EOS	09/19/14	12:02 PM	12:07 PM	30	30	PASS	BM		X	
P-183/P-274	E EOS / W EOS	09/19/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-185/P-276	S EOS / N EOS	09/19/14	12:05 PM	12:10 PM	30	30	PASS	BM		X	
P-185/P-278	E EOS / W EOS	09/19/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-186/P-278	N EOS / S EOS	09/19/14	12:09 PM	12:14 PM	30	30	PASS	BM		X	
P-186/P-279	E EOS / W EOS	09/19/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-187/P-279	S EOS / N EOS	09/19/14	12:09 PM	12:14 PM	30	30	PASS	BM		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-188/P-281	N EOS / S EOS	09/19/14	12:15 PM	12:20 PM	30	30	PASS	BM		X	
P-189/P-283	N EOS / S EOS	09/19/14	12:15 PM	12:20 PM	30	30	PASS	BM		X	
P-270/P-271	N EOS / S EOS	09/19/14	1:20 AM	11:25 AM	30	30	PASS	BM		X	
P-266/P-285	W EOS / PD479	09/19/14	3:50 PM	3:55 PM	30	30	PASS	BM	X		
P-266/P-285	PD479 / PD528	09/19/14	3:50 PM	3:55 PM	30	30	PASS	BM	X		
P-266/P-285	PD528 / E EOS	09/23/14	3:14 PM	3:19 PM	30	29	PASS	NA		X	
P-285/P-286	E EOS / W EOS	09/19/14	3:53 PM	3:58 PM	30	30	PASS	BM		X	
P-286/P-287	E EOS / W EOS	09/19/14	3:54 PM	3:59 PM	30	30	PASS	BM		X	
P-287/P-288	E EOS / W EOS	09/19/14	4:05 PM	4:10 PM	30	29	PASS	BM		X	
P-288/P-289	E EOS / W EOS	09/19/14	4:05 PM	4:10 PM	30	30	PASS	BM		X	
P-289/P-290	E EOS / W EOS	09/19/14	4:06 PM	4:11 PM	30	30	PASS	BM		X	
P-290/P-291	E EOS / W EOS	09/19/14	4:06 PM	4:11 PM	30	30	PASS	BM		X	
P-291/P-292	E EOS / W EOS	09/19/14	4:17 PM	4:22 PM	30	30	PASS	RB		X	
P-292/P-293	E EOS / W EOS	09/19/14	4:17 PM	4:22 PM	30	30	PASS	RB		X	
P-293/P-294	E EOS / W EOS	09/19/14	4:18 PM	4:23 PM	30	29	PASS	RB		X	
P-294/P-295	E EOS / W EOS	09/19/14	4:18 PM	4:23 PM	30	30	PASS	RB		X	
P-290/P-292	E EOS / W EOS	09/19/14	4:25 PM	4:30 PM	30	30	PASS	RB		X	
P-73A/P-73	E EOS / W EOS	09/23/14	8:01 AM	8:06 AM	30	30	PASS	BM		X	
P-74A/P-74	- / -	09/23/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-74A/P-76	E EOS / W EOS	09/23/14	8:07 AM	8:12 AM	30	30	PASS	BM		X	
P-76A/P-76	W EOS / E EOS	09/23/14	8:10 AM	8:15 AM	30	30	PASS	BM		X	
P-260/P-296	S EOS / N EOS	09/23/14	10:28 AM	10:33 AM	30	30	PASS	NA		X	
P-284/P-296	W EOS / E EOS	09/23/14	10:28 AM	10:33 AM	30	30	PASS	NA		X	
P-283/P-296	W EOS / E EOS	09/23/14	10:30 AM	10:35 AM	30	30	PASS	NA		X	
P-296/P-297	W EOS / E EOS	09/23/14	10:33 AM	10:38 AM	30	30	PASS	NA		X	
P-261/P-297	S EOS / N EOS	09/23/14	10:45 AM	10:50 AM	30	30	PASS	NA		X	
P-297/P-298	S EOS / N EOS	09/23/14	10:46 AM	10:51 AM	30	30	PASS	NA		X	
P-296/P-298	W EOS / E EOS	09/23/14	10:46 AM	10:51 AM	30	30	PASS	NA		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-261/P-296	N EOS / S EOS	09/23/14	10:55 AM	11:00 AM	30	30	PASS	NA		X	
P-263/P-301	N EOS / S EOS	09/23/14	11:02 AM	11:07 AM	30	30	PASS	NA		X	
P-262/P-301	N EOS / S EOS	09/23/14	11:03 AM	11:08 AM	30	30	PASS	NA		X	
P-298/P-302	W EOS / E EOS	09/23/14	11:05 AM	11:10 AM	30	30	PASS	NA		X	
P-297/P-302	E EOS / W EOS	09/23/14	11:05 AM	11:10 AM	30	30	PASS	NA		X	
P-301/P-302	N EOS / S EOS	09/23/14	11:09 AM	11:14 AM	30	28	PASS	NA		X	
P-301/P-303	E EOS / W EOS	09/23/14	11:09 AM	11:14 AM	30	30	PASS	NA		X	
P-296/P-299	W EOS / E EOS	09/23/14	11:15 AM	11:20 AM	30	30	PASS	NA		X	
P-300/P-303	W EOS / E EOS	09/23/14	11:16 AM	11:21 AM	30	30	PASS	NA		X	
P-299/P-300	W EOS / E EOS	09/23/14	11:16 AM	11:21 AM	30	30	PASS	NA		X	
P-303/P-305	W EOS / PD635	09/23/14	11:20 AM	11:25 AM	30	30	PASS	NA	X		
P-303/P-305	PD635 / PD636	09/23/14	4:40 PM	4:45 PM	30	30	PASS	NA	X		
P-303/P-305	PD636 / E EOS	09/23/14	4:46 PM	4:51 PM	30	30	PASS	NA		X	
P-299/P-302	W EOS / E EOS	09/23/14	11:33 AM	11:38 AM	30	29	PASS	NA		X	
P-298/P-299	N EOS / S EOS	09/23/14	11:34 AM	11:39 AM	30	30	PASS	NA		X	
P-300/P-302	S EOS / N EOS	09/23/14	11:36 AM	11:41 AM	30	30	PASS	NA		X	
P-302/P-303	PD632 / E EOS	09/23/14	11:37 AM	11:42 AM	30	30	PASS	NA	X		
P-302/P-303	PD632 / W EOS	09/23/14	11:37 AM	11:42 AM	30	30	PASS	NA		X	
P-189/P-296	N EOS / S EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-190/P-296	N EOS / S EOS	09/23/14	1:03 PM	1:08 PM	30	29	PASS	NA		X	
P-190/P-299	E EOS / W EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-191/P-299	S EOS / N EOS	09/23/14	1:03 PM	1:08 PM	30	30	PASS	NA		X	
P-191/P-300	E EOS / W EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-192/P-300	N EOS / S EOS	09/23/14	1:05 PM	1:10 PM	30	30	PASS	NA		X	
P-192/P-303	E EOS / W EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-193/P-303	S EOS / N EOS	09/23/14	1:05 PM	1:10 PM	30	30	PASS	NA		X	
P-193/P-305	E EOS / W EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-194/P-305	S EOS / N EOS	09/23/14	1:13 PM	1:18 PM	30	30	PASS	NA		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-194/P-307	E EOS / W EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-195/P-307	S EOS / N EOS	09/23/14	1:17 PM	1:22 PM	30	30	PASS	NA		X	
P-195/P-308	E EOS / W EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-305/P-307	E EOS / W EOS	09/23/14	1:17 PM	1:22 PM	30	30	PASS	NA		X	
P-307/P-308	E EOS / W EOS	09/23/14	1:36 PM	1:41 PM	30	30	PASS	NA		X	
P-196/P-308	N EOS / PD633	09/23/14	1:37 PM	1:42 PM	30	30	PASS	NA	X		
P-196/P-308	PD633 / S EOS	09/23/14	1:49 PM	1:54 PM	30	30	PASS	NA		X	
P-196/P-311	E EOS / W EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-197/P-311	N EOS / S EOS	09/23/14	1:53 PM	1:58 PM	30	30	PASS	NA		X	
P-197/P-313	N EOS / S EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-198/P-314	E EOS / W EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-198/P-313	S EOS / N EOS	09/23/14	1:53 PM	1:58 PM	30	30	PASS	NA		X	
P-199/P-316	E EOS / W EOS	09/23/14	-	-	0	0	FAIL	NA		X	Seam Capped
P-308/P-311	E EOS / W EOS	09/23/14	1:39 PM	1:44 PM	30	30	PASS	NA		X	
P-311/P-313	E EOS / PD626	09/23/14	1:53 PM	1:58 PM	30	30	PASS	NA	X		
P-311/P-313	PD626 / W EOS	09/23/14	3:41 PM	3:46 PM	30	30	PASS	NA		X	
P-263/P-303	N EOS / S EOS	09/23/14	2:05 PM	2:10 PM	30	30	PASS	NA		X	
P-264/P-303	S EOS / N EOS	09/23/14	2:05 PM	2:10 PM	30	30	PASS	NA		X	
P-303/P-304	W EOS / E EOS	09/23/14	2:09 PM	2:14 PM	30	30	PASS	NA		X	
P-297/P-301	W EOS / E EOS	09/23/14	2:07 PM	2:12 PM	30	30	PASS	NA		X	
P-264/P-304	S EOS / N EOS	09/23/14	2:14 PM	2:19 PM	30	30	PASS	NA		X	
P-76A/P-250	W EOS / E EOS	09/23/14	2:28 PM	2:33 PM	30	30	PASS	NA		X	
P-265/P-304	N EOS / S EOS	09/23/14	2:39 PM	2:44 PM	30	30	PASS	NA		X	
P-305/P-306	W EOS / E EOS	09/23/14	2:39 PM	2:44 PM	30	30	PASS	NA		X	
P-304/P-306	W EOS / E EOS	09/23/14	2:39 PM	2:44 PM	30	30	PASS	NA		X	
P-265/P-306	S EOS / N EOS	09/23/14	2:39 PM	2:44 PM	30	30	PASS	NA		X	
P-266/P-306	S EOS / N EOS	09/23/14	2:42 PM	2:47 PM	30	30	PASS	NA		X	
P-306/P-310	W EOS / E EOS	09/23/14	2:47 PM	2:52 PM	30	30	PASS	NA		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-266/P-310	S EOS / N EOS	09/23/14	2:47 PM	2:52 PM	30	30	PASS	NA		X	
P-285/P-310	S EOS / N EOS	09/23/14	2:49 PM	2:54 PM	30	30	PASS	NA		X	
P-309/P-310	S EOS / N EOS	09/23/14	2:54 PM	2:59 PM	30	30	PASS	NA		X	
P-306/P-309	W EOS / E EOS	09/23/14	2:54 PM	2:59 PM	30	30	PASS	NA		X	
P-310/P-311	E EOS / W EOS	09/23/14	2:59 PM	3:04 PM	30	30	PASS	NA		X	
P-309/P-311	W EOS / E EOS	09/23/14	2:59 PM	3:04 PM	30	30	PASS	NA		X	
P-308/P-309	N EOS / S EOS	09/23/14	3:07 PM	3:12 PM	30	30	PASS	NA		X	
P-306/P-307	N EOS / S EOS	09/23/14	3:09 PM	3:14 PM	30	28	PASS	NA		X	
P-285/P-311	S EOS / N EOS	09/23/14	3:15 PM	3:20 PM	30	30	PASS	NA		X	
P-286/P-311	S EOS / N EOS	09/23/14	3:31 PM	3:36 PM	30	30	PASS	NA		X	
P-286/P-312	S EOS / N EOS	09/23/14	3:32 PM	3:37 PM	30	30	PASS	NA		X	
P-311/P-312	W EOS / E EOS	09/23/14	3:32 PM	3:37 PM	30	30	PASS	NA		X	
P-287/P-312	S EOS / N EOS	09/23/14	3:33 PM	3:37 PM	30	30	PASS	NA		X	
P-312/P-313	S EOS / N EOS	09/23/14	3:41 PM	3:46 PM	30	30	PASS	NA		X	
P-306/P-308	W EOS / E EOS	09/23/14	3:44 PM	3:49 PM	30	30	PASS	NA		X	
P-304/P-305	N EOS / S EOS	09/23/14	3:45 PM	3:50 PM	30	30	PASS	NA		X	
P-324/P-327	E EOS / PD712	09/24/14	5:02 PM	5:07 PM	30	30	PASS	BR	X		
P-324/P-327	PD712 / PD713	09/24/14	5:08 PM	5:13 PM	30	30	PASS	BR	X		
P-324/P-327	PD713 / W EOS	09/24/14	7:27 AM	7:32 AM	30	28	PASS	CS		X	
P-324/P-325	N EOS / PD714	09/24/14	-	-	0	0	FAIL	BR	X		Seam Capped
P-324/P-325	PD714 / S EOS	09/24/14	7:39 AM	7:44 AM	30	30	PASS	BR		X	
P-318/P-319	N EOS / S EOS	09/24/14	7:50 AM	5:55 PM	30	30	PASS	CS		X	
P-199/P-314	S EOS / PD660	09/24/14	2:09 PM	2:14 PM	30	29	PASS	BR	X		
P-199/P-314	PD660 / N EOS	09/24/14	2:22 PM	2:27 PM	30	30	PASS	BR		X	
P-200/P-316	S EOS / N EOS	09/24/14	2:13 PM	2:18 PM	30	30	PASS	BR		X	
P-200/P-317	W EOS / E EOS	09/24/14	-	-	0	0	FAIL	BR		X	Seam Capped
P-314/P-316	E EOS / PD680	09/24/14	2:23 PM	2:28 PM	30	30	PASS	BR		X	
P-314/P-316	PD680 / W EOS	09/24/14	-	-	0	0	FAIL	TB		X	Seam Capped

Acronyms:
EOS-End of Seam
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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-316/P-317	E EOS / W EOS	09/24/14	2:43 PM	2:48 PM	30	30	PASS	BR		X	
P-201/P-317	S EOS / N EOS	09/24/14	2:44 PM	2:49 PM	30	30	PASS	BR		X	
P-201/P-320	W EOS / E EOS	09/24/14	-	-	0	0	FAIL	BR		X	Seam Capped
P-317/P-320	E EOS / W EOS	09/24/14	2:45 PM	2:50 PM	30	30	PASS	BR		X	
P-202/P-320	S EOS / N EOS	09/24/14	2:52 PM	2:57 PM	30	30	PASS	BR		X	
P-202/P-321	E EOS / W EOS	09/24/14	-	-	0	0	FAIL	BR		X	Seam Capped
P-203/P-321	S EOS / N EOS	09/24/14	2:53 PM	2:58 PM	30	30	PASS	BR		X	
P-203/P-323	W EOS / E EOS	09/24/14	-	-	0	0	FAIL	BR		X	Seam Capped
P-320/P-321	W EOS / PD705	09/24/14	4:27 PM	4:32 PM	30	30	PASS	BR		X	
P-320/P-321	PD705 / E EOS	09/24/14	2:54 PM	2:59 PM	30	30	PASS	BR	X		
P-321/P-323	E EOS / W EOS	09/24/14	2:55 PM	3:00 PM	30	30	PASS	BR		X	
P-204/P-323	S EOS / N EOS	09/24/14	2:56 PM	3:01 PM	30	30	PASS	BR		X	
P-323/P-325	E EOS / W EOS	09/24/14	2:59 PM	3:04 PM	30	30	PASS	BR		X	
P-205/P-325	S EOS / S EOS	09/24/14	3:02 PM	3:07 PM	30	28	PASS	BR		X	
P-325/P-326	E EOS / W EOS	09/24/14	3:03 PM	3:08 PM	30	30	PASS	BR		X	
P-206/P-326	S EOS / PD679	09/24/14	3:05 PM	3:10 PM	30	30	PASS	BR	X		
P-206/P-326	PD679 / N EOS	09/24/14	3:11 PM	3:16 PM	30	30	PASS	BR		X	
P-287/P-314	S EOS / N EOS	09/24/14	3:31 PM	3:36 PM	30	30	PASS	BR		X	
P-288/P-314	N EOS / PD684	09/24/14	-	-	0	0	FAIL	BR	X		Seam Capped
P-288/P-314	PD684 / S EOS	09/24/14	3:45 PM	3:50 PM	30	30	PASS	BR		X	
P-313/P-314	E EOS / PD659	09/24/14	2:38 PM	2:43 PM	30	28	PASS	BR	X		
P-313/P-314	PD659 / W EOS	09/24/14	-	-	0	0	FAIL	TB		X	Seam Capped
P-312/P-314	W EOS / E EOS	09/24/14	3:35 PM	3:40 PM	30	30	PASS	BR		X	
P-288/P-315	S EOS / N EOS	09/24/14	3:44 PM	3:49 PM	30	30	PASS	BR		X	
P-314/P-315	W EOS / E EOS	09/24/14	3:44 PM	3:49 PM	30	30	PASS	BR		X	
P-289/P-315	N EOS / S EOS	09/24/14	3:53 PM	3:58 PM	30	30	PASS	BR		X	
P-315/P-319	W EOS / E EOS	09/24/14	3:54 PM	3:59 PM	30	29	PASS	BR		X	
P-289/P-319	S EOS / N EOS	09/24/14	3:54 PM	3:59 PM	30	30	PASS	BR		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-319/P-320	W EOS / E EOS	09/24/14	4:13 PM	4:18 PM	30	30	PASS	BR		X	
P-290/P-319	N EOS / S EOS	09/24/14	4:16 PM	4:21 PM	30	30	PASS	BR		X	
P-290/P-320	S EOS / N EOS	09/24/14	4:20 PM	4:25 PM	30	28	PASS	BR		X	
P-291/P-320	N EOS / S EOS	09/24/14	4:22 PM	4:27 PM	30	30	PASS	BR		X	
P-291/P-321	S EOS / N EOS	09/24/14	4:38 PM	4:43 PM	30	27	PASS	BR		X	
P-322/P-323	S EOS / N EOS	09/24/14	4:42 PM	4:47 PM	30	30	PASS	BR		X	
P-321/P-322	E EOS / W EOS	09/24/14	4:43 PM	4:48 PM	30	30	PASS	BR		X	
P-323/P-324	W EOS / E EOS	09/24/14	4:44 PM	4:49 PM	30	30	PASS	BR		X	
P-322/P-324	E EOS / W EOS	09/24/14	4:50 PM	4:55 PM	30	30	PASS	BR		X	
P-325/P-327	W EOS / PD701	09/24/14	5:33 PM	5:38 PM	30	29	PASS	BR	X		
P-325/P-327	PD701 / E EOS	09/24/14	5:35 PM	5:40 PM	30	30	PASS	BR		X	
P-326/P-327	S EOS / N EOS	09/24/14	5:33 PM	5:38 PM	30	30	PASS	BR		X	
P-317/P-318	N EOS / S EOS	09/24/14	5:43 PM	5:48 PM	30	30	PASS	BR		X	
P-318/P-320	E EOS / W EOS	09/24/14	5:43 PM	5:48 PM	30	30	PASS	BR		X	
P-316/P-318	E EOS / W EOS	09/24/14	5:44 PM	5:49 PM	30	30	PASS	BR		X	
P-315/P-318	W EOS / E EOS	09/24/14	5:55 PM	6:00 PM	30	30	PASS	BR		X	
P-315/P-316	N EOS / S EOS	09/24/14	5:58 PM	6:03 PM	30	30	PASS	BR		X	
P-326/P-328	E EOS / W EOS	09/26/14	8:49 AM	8:54 AM	30	29	PASS	TB		X	
P-207/P-328	S EOS / N EOS	09/26/14	8:49 AM	8:54 AM	30	30	PASS	TB		X	
P-328/P-330	E EOS / W EOS	09/26/14	8:50 AM	8:55 AM	30	30	PASS	TB		X	
P-208/P-330	S EOS / N EOS	09/26/14	8:50 AM	8:55 AM	30	30	PASS	TB		X	
P-330/P-332	E EOS / W EOS	09/26/14	8:51 AM	8:56 AM	30	29	PASS	TB		X	
P-210/P-335	S EOS / PD733	09/26/14	9:04 AM	9:09 AM	30	27	PASS	TB	X		
P-210/P-335	PD733 / N EOS	09/26/14	9:04 AM	9:09 AM	30	30	PASS	TB		X	
P-332/P-335	E EOS / W EOS	09/26/14	9:04 AM	9:09 AM	30	30	PASS	TB		X	
P-335/P-336	E EOS / W EOS	09/26/14	9:05 AM	9:10 AM	30	30	PASS	TB		X	
P-211/P-336	S EOS / N EOS	09/26/14	9:05 AM	9:10 AM	30	30	PASS	TB		X	
P-338/P-340	E EOS / W EOS	09/26/14	9:16 AM	9:21 AM	30	30	PASS	TB		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-340/P-341	S EOS / N EOS	09/26/14	9:16 AM	9:21 AM	30	29	PASS	TB		X	
P-209/P-332	N EOS / S EOS	09/26/14	9:17 AM	9:22 AM	30	30	PASS	TB		X	
P-212/P-338	S EOS / PD741	09/26/14	9:19 AM	9:24 AM	30	30	PASS	TB	X		
P-212/P-338	PD741 / N EOS	09/26/14	9:19 AM	9:24 AM	30	27	PASS	TB		X	
P-336/P-338	E EOS / W EOS	09/26/14	9:27 AM	9:32 AM	30	30	PASS	TB		X	
P-338/P-341	E EOS / W EOS	09/26/14	9:27 AM	9:32 AM	30	30	PASS	TB		X	
P-341/P-343	E EOS / W EOS	09/26/14	9:28 AM	9:33 AM	30	30	PASS	TB		X	
P-343/P-345	E EOS / W EOS	09/26/14	9:30 AM	9:35 AM	30	30	PASS	TB		X	
P-327/P-328	E EOS / PD747	09/26/14	9:42 AM	9:47 AM	30	28	PASS	TB	X		
P-327/P-328	PD747 / PD746	09/26/14	9:55 AM	10:00 AM	30	27	PASS	TB	X		
P-327/P-328	PD746 / W EOS	09/28/14	9:17 AM	9:22 AM	30	30	PASS	NA		X	
P-329/P-330	S EOS / N EOS	09/26/14	9:46 AM	9:51 AM	30	30	PASS	TB		X	
P-328/P-329	E EOS / W EOS	09/26/14	9:46 AM	9:51 AM	30	30	PASS	TB		X	
P-329/P-331	E EOS / W EOS	09/26/14	9:48 AM	9:53 AM	30	30	PASS	TB		X	
P-330/P-331	W EOS / E EOS	09/26/14	9:48 AM	9:53 AM	30	30	PASS	TB		X	
P-331/P-334	W EOS / E EOS	09/26/14	9:58 AM	10:03 AM	30	30	PASS	TB		X	
P-333/P-334	S EOS / N EOS	09/26/14	9:58 AM	10:03 AM	30	30	PASS	TB		X	
P-331/P-333	E EOS / W EOS	09/26/14	9:58 AM	10:03 AM	30	30	PASS	TB		X	
P-332/P-334	W EOS / E EOS	09/26/14	10:04 AM	10:09 AM	30	30	PASS	TB		X	
P-331/P-332	N EOS / S EOS	09/26/14	10:04 AM	10:09 AM	30	29	PASS	TB		X	
P-334/P-336	E EOS / W EOS	09/26/14	10:09 AM	10:14 AM	30	30	PASS	TB		X	
P-333/P-336	N EOS / S EOS	09/26/14	10:09 AM	10:14 AM	0	0	FAIL	TB		X	Seam Capped
P-340/P-343	E EOS / W EOS	09/26/14	10:18 AM	10:23 AM	30	30	PASS	TB		X	
P-336/P-337	E EOS / W EOS	09/26/14	11:00 AM	11:05 AM	30	30	PASS	TB		X	
P-337/P-338	S EOS / N EOS	09/26/14	11:00 AM	11:05 AM	30	30	PASS	TB		X	
P-339/P-340	S EOS / N EOS	09/26/14	11:02 AM	11:07 AM	30	30	PASS	TB		X	
P-338/P-339	E EOS / W EOS	09/26/14	11:02 AM	11:07 AM	30	30	PASS	TB		X	
P-342/P-343	S EOS / N EOS	09/26/14	11:18 AM	11:23 AM	30	28	PASS	TB		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-340/P-342	E EOS / W EOS	09/26/14	11:09 AM	11:14 AM	30	28	PASS	TB		X	
P-343/P-344	W EOS / E EOS	09/26/14	11:10 AM	11:15 AM	30	30	PASS	TB		X	
P-344/P-346	E EOS / W EOS	09/26/14	11:24 AM	11:29 AM	30	30	PASS	TB		X	
P-346/P-347	S EOS / N EOS	09/26/14	11:24 AM	11:29 AM	30	30	PASS	TB		X	
P-344/P-347	N EOS / S EOS	09/26/14	11:24 AM	11:29 AM	30	30	PASS	TB		X	
P-345/P-347	W EOS / E EOS	09/26/14	11:30 AM	11:35 AM	30	30	PASS	TB		X	
P-344/P-345	N EOS / S EOS	09/26/14	11:30 AM	11:35 AM	30	30	PASS	TB		X	
P-347/P-348	S EOS / N EOS	09/26/14	11:33 AM	11:38 AM	30	30	PASS	TB		X	
P-345/P-348	W EOS / E EOS	09/26/14	11:33 AM	11:38 AM	30	30	PASS	TB		X	
P-348/P-349	W EOS / E EOS	09/26/14	11:39 AM	11:44 AM	30	30	PASS	TB		X	
P-347/P-349	E EOS / W EOS	09/26/14	11:39 AM	11:44 AM	30	30	PASS	TB		X	
P-349/P-351	W EOS / E EOS	09/26/14	11:40 AM	11:45 AM	30	30	PASS	TB		X	
P-350/P-351	S EOS / N EOS	09/26/14	11:46 AM	11:47 AM	30	30	PASS	TB		X	
P-351/P-352	W EOS / E EOS	09/26/14	11:40 AM	11:45 AM	30	30	PASS	TB		X	
P-352/P-353	E EOS / W EOS	09/26/14	11:41 AM	11:46 AM	30	30	PASS	TB		X	
P-349/P-350	E EOS / W EOS	09/26/14	11:46 AM	11:51 AM	30	30	PASS	TB		X	
P-357/P-358	W EOS / PD776	09/26/14	1:21 PM	1:26 PM	30	27	PASS	TB	X		
P-357/P-358	PD776 / E EOS	09/26/14	1:21 PM	1:26 PM	30	0	FAIL	TB		X	Seam Capped
P-365/P-367	N EOS / PD792	09/26/14	3:53 PM	3:58 PM	30	30	PASS		X		
P-365/P-367	PD792 / W EOS	09/26/14	-	-	0	0	FAIL	TB		X	Seam Capped
P-355/P-362	S EOS / N EOS	09/26/14	2:04 PM	2:09 PM	30	28	PASS	TB		X	
P-362/P-363	PD813 / N EOS	09/26/14	3:50 PM	3:55 PM	30	28	PASS	TB	X		
P-362/P-363	PD813 / S EOS	09/26/14	3:50 PM	3:55 PM	30	28	PASS	TB		X	
P-363/P-366	S EOS / N EOS	09/26/14	3:52 PM	3:57 PM	30	30	PASS	TB		X	
P-365/P-366	E EOS / W EOS	09/26/14	3:52 PM	3:57 PM	30	28	PASS	TB		X	
P-367/P-368	E EOS / W EOS	09/26/14	4:04 PM	4:09 PM	30	29	PASS	TB		X	
P-366/P-367	S EOS / N EOS	09/26/14	4:04 PM	4:09 PM	30	30	PASS	TB		X	
P-366/P-368	N EOS / S EOS	09/26/14	4:04 PM	4:09 PM	30	30	PASS	TB		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-356/P-358	S EOS / N EOS	09/26/14	1:21 PM	1:26 PM	30	28	PASS	TB		X	
P-356/P-357	N EOS / S EOS	09/26/14	1:21 PM	1:26 PM	30	29	PASS	TB		X	
P-359/P-360	W EOS / E EOS	09/26/14	1:36 PM	1:41 PM	30	30	PASS	TB		X	
P-358/P-359	N EOS / S EOS	09/26/14	1:36 PM	1:41 PM	30	30	PASS	TB		X	
P-358/P-360	S EOS / N EOS	09/26/14	1:36 PM	1:41 PM	30	29	PASS	TB		X	
P-355/P-356	N EOS / S EOS	09/26/14	1:20 PM	1:25 PM	30	30	PASS	TB		X	
P-353/P-361	W EOS / E EOS	09/26/14	1:44 PM	1:49 PM	30	30	PASS	TB		X	
P-354/P-361	S EOS / N EOS	09/26/14	1:44 PM	1:49 PM	30	30	PASS	TB		X	
P-354/P-360	S EOS / N EOS	09/26/14	1:44 PM	1:49 PM	30	29	PASS	TB		X	
P-367/P-370	N EOS / S EOS	09/26/14	4:21 PM	4:26 PM	30	30	PASS	RB		X	
P-369/P-370	W EOS / E EOS	09/26/14	4:49 PM	4:54 PM	30	29	PASS	RB		X	
P-370/P-372	S EOS / N EOS	09/26/14	4:49 PM	4:54 PM	30	30	PASS	RB		X	
P-369/P-372	N EOS / S EOS	09/26/14	4:49 PM	4:54 PM	30	27	PASS	RB		X	
P-368/P-370	S EOS / N EOS	09/26/14	4:40 PM	4:45 PM	30	28	PASS	RB		X	
P-362/P-364	S EOS / N EOS	09/26/14	5:01 PM	5:06 PM	30	30	PASS	RB		X	
P-364/P-366	S EOS / N EOS	09/26/14	5:02 PM	5:07 PM	30	28	PASS	RB		X	
P-368/P-371	S EOS / N EOS	09/26/14	5:05 PM	5:19 PM	30	30	PASS	RB		X	
P-370/P-371	W EOS / E EOS	09/26/14	5:10 PM	5:15 PM	30	27	PASS	RB		X	
P-371/P-372	S EOS / N EOS	09/26/14	5:10 PM	5:15 PM	30	30	PASS	RB		X	
P-353/P-359	W EOS / E EOS	09/26/14	5:55 PM	6:00 PM	30	30	PASS	TB		X	
P-352/P-359	E EOS / W EOS	09/26/14	5:55 PM	6:00 PM	30	30	PASS	TB		X	
P-352/P-357	E EOS / W EOS	09/26/14	5:56 PM	6:01 PM	30	30	PASS	TB		X	
P-350/P-357	E EOS / W EOS	09/26/14	5:57 PM	6:02 PM	30	30	PASS	TB		X	
P-350/P-356	W EOS / E EOS	09/26/14	6:04 PM	6:09 PM	30	30	PASS	TB		X	
P-349/P-356	E EOS / W EOS	09/26/14	6:04 PM	6:09 PM	30	30	PASS	TB		X	
P-349/P-355	E EOS / W EOS	09/26/14	6:06 PM	8:11 AM	30	30	PASS	TB		X	
P-346/P-355	E EOS / W EOS	09/26/14	6:08 PM	6:13 PM	30	28	PASS	TB		X	
P-346/P-362	W EOS / E EOS	09/26/14	6:16 PM	6:21 PM	30	30	PASS	TB		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-344/P-362	E EOS / W EOS	09/26/14	6:16 PM	6:21 PM	30	30	PASS	TB		X	
P-342/P-363	W EOS / E EOS	09/26/14	6:19 PM	6:24 PM	30	30	PASS	TB		X	
P-340/P-363	W EOS / E EOS	09/26/14	6:33 PM	6:38 PM	30	30	PASS	TB		X	Seam Capped
P-339/P-366	E EOS / W EOS	09/26/14	6:33 PM	6:38 PM	30	30	PASS	TB		X	Seam Capped
P-339/P-365	W EOS / E EOS	09/26/14	6:34 PM	6:39 PM	30	30	PASS	TB		X	
P-337/P-365	S EOS / N EOS	09/28/14	8:43 AM	8:48 AM	30	30	PASS	NA		X	
P-337/P-367	N EOS / S EOS	09/28/14	8:43 AM	8:48 AM	30	30	PASS	NA		X	
P-336/P-367	N EOS / S EOS	09/28/14	8:47 AM	8:52 AM	30	28	PASS	NA		X	
P-336/P-369	S EOS / N EOS	09/28/14	8:54 AM	8:59 AM	30	27	PASS	NA		X	
P-333/P-369	N EOS / S EOS	09/28/14	8:54 AM	8:59 AM	30	30	PASS	NA		X	
P-369/P-372	S EOS / N EOS	09/28/14	8:56 AM	9:01 AM	30	30	PASS	NA		X	
P-333/P-372	S EOS / N EOS	09/28/14	9:01 AM	9:06 AM	30	30	PASS	NA		X	
P-331/P-372	N EOS / S EOS	09/28/14	9:01 AM	9:06 AM	30	29	PASS	NA		X	
P-294/P-376	W EOS / E EOS	10/01/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-373/P-374	E EOS / PD826	10/01/14	1:52 PM	1:57 PM	30	28	PASS	BM	X		
P-373/P-374	PD826 / W EOS	10/01/14	1:59 PM	2:04 PM	30	30	PASS	BM		X	
P-291/P-373	E EOS / W EOS	10/01/14	2:06 PM	2:11 PM	30	30	PASS	BM		X	
P-374/P-375	E EOS / W EOS	10/01/14	2:07 PM	2:12 PM	30	30	PASS	BM		X	
P-375/P-376	E EOS / W EOS	10/01/14	2:07 PM	2:12 PM	30	30	PASS	BM		X	
P-292/P-373	N EOS / S EOS	10/01/14	2:29 PM	2:34 PM	30	29	PASS	BM		X	
P-292/P-374	E EOS / W EOS	10/01/14	2:29 PM	2:34 PM	30	29	PASS	BM		X	
P-293/P-374	S EOS / N EOS	10/01/14	2:29 PM	2:34 PM	30	29	PASS	BM		X	
P-293/P-375	W EOS / E EOS	10/01/14	2:38 PM	2:43 PM	30	30	PASS	BM		X	
P-294/P-375	S EOS / PD834	10/01/14	2:38 PM	2:43 PM	30	30	PASS	BM	X		
P-294/P-375	PD834 / PD835	10/01/14	2:38 PM	2:43 PM	30	30	PASS	BM	X		
P-294/P-375	PD835 / N EOS	10/01/14	-	-	0	0	FAIL	BM		X	Seam Capped
P-295/P-376	N EOS / S EOS	10/01/14	2:42 PM	2:47 PM	30	30	PASS	BM		X	
P-321/P-373	N EOS / S EOS	10/01/14	3:01 PM	3:06 PM	30	30	PASS	BM		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-322/P-373	S EOS / N EOS	10/01/14	3:01 PM	3:06 PM	30	29	PASS	BM		X	
P-322/P-374	S EOS / N EOS	10/01/14	3:01 PM	3:06 PM	30	30	PASS	BM		X	
P-324/P-374	N EOS / S EOS	10/01/14	3:09 PM	3:14 PM	30	30	PASS	BM		X	
P-324/P-375	S EOS / N EOS	10/01/14	3:09 PM	3:14 PM	30	30	PASS	BM		X	
P-327/P-375	S EOS / N EOS	10/01/14	3:09 PM	3:14 PM	30	30	PASS	BM		X	
P-381/P-383	W EOS / E EOS	10/03/14	9:59 PM	5:34 PM	30	28	PASS	CS		X	
P-295/P-377	W EOS / E EOS	10/03/14	5:18 PM	5:23 PM	30	30	PASS	CS		X	
P-377/P-378	W EOS / E EOS	10/03/14	5:18 PM	5:24 PM	30	30	PASS	CS		X	
P-378/P-381	W EOS / E EOS	10/03/14	5:20 PM	5:25 PM	30	30	PASS	CS		X	
P-383/P-385	W EOS / E EOS	10/03/14	5:30 PM	5:35 PM	30	30	PASS	CS		X	
P-385/P-387	W EOS / E EOS	10/03/14	5:31 PM	5:36 PM	30	30	PASS	CS		X	
P-380/P-381	N EOS / S EOS	10/03/14	5:41 PM	5:46 PM	30	29	PASS	CS		X	
P-378/P-380	E EOS / PD863	10/03/14	5:41 PM	5:46 PM	30	30	PASS	CS	X		
P-378/P-380	PD863 / W EOS	10/04/14	9:12 AM	9:17 AM	30	30	PASS	DW		X	
P-380/P-382	W EOS / E EOS	10/03/14	5:42 PM	5:47 PM	30	30	PASS	CS		X	
P-381/P-382	N EOS / S EOS	10/04/14	7:32 AM	7:37 AM	30	30	PASS	DW		X	
P-382/P-383	W EOS / E EOS	10/04/14	7:32 AM	7:37 AM	30	30	PASS	DW		X	
P-382/P-385	W EOS / E EOS	10/04/14	7:33 AM	7:38 AM	30	30	PASS	DW		X	
P-387/P-389	W EOS / E EOS	10/04/14	7:35 AM	7:40 AM	30	30	PASS	DW		X	
P-389/P-391	W EOS / E EOS	10/04/14	7:48 AM	7:53 AM	30	30	PASS	DW		X	
P-391/P-392	W EOS / E EOS	10/04/14	7:49 AM	7:54 AM	30	30	PASS	DW		X	
P-392/P-395	W EOS / E EOS	10/04/14	7:50 AM	7:55 AM	30	30	PASS	DW		X	
P-395/P-396	W EOS / E EOS	10/04/14	7:50 AM	7:55 AM	30	30	PASS	DW		X	
P-396/P-397	W EOS / E EOS	10/04/14	8:02 AM	8:07 AM	30	30	PASS	DW		X	
P-394/P-396	W EOS / E EOS	10/04/14	8:03 AM	8:08 AM	30	30	PASS	DW		X	
P-394/P-395	W EOS / E EOS	10/04/14	8:10 AM	8:15 AM	30	30	PASS	DW		X	
P-392/P-394	N EOS / S EOS	10/04/14	8:12 AM	8:17 AM	30	30	PASS	DW		X	
P-392/P-393	W EOS / E EOS	10/04/14	8:30 AM	8:35 AM	30	30	PASS	DW		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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	10/04/14	8:30 AM	8:35 AM	30	28	PASS	DW		X	
P-390/P-391	N EOS / S EOS	10/04/14	8:41 AM	8:46 AM	30	30	PASS	DW		X	
P-390/P-392	W EOS / E EOS	10/04/14	8:41 AM	8:46 AM	30	30	PASS	DW		X	
P-388/P-389	N EOS / S EOS	10/04/14	8:48 AM	8:53 AM	30	30	PASS	DW		X	
P-389/P-390	E EOS / W EOS	10/04/14	8:48 AM	8:53 AM	30	30	PASS	DW		X	
P-386/P-389	E EOS / W EOS	10/04/14	8:53 AM	9:03 AM	30	30	PASS	DW		X	
P-386/P-388	W EOS / E EOS	10/04/14	8:53 AM	9:03 AM	30	30	PASS	DW		X	
P-385/P-386	W EOS / E EOS	10/04/14	8:56 AM	9:01 AM	30	30	PASS	DW		X	
P-386/P-387	S EOS / N EOS	10/04/14	8:56 AM	9:01 AM	30	30	PASS	DW		X	
P-384/P-385	S EOS / N EOS	10/04/14	9:01 AM	9:06 AM	30	30	PASS	DW		X	
P-382/P-384	W EOS / E EOS	10/04/14	9:01 AM	9:06 AM	30	29	PASS	DW		X	
P-378/P-380	PD863 / PD867	10/04/14	9:41 AM	9:46 AM	30	29	PASS	DW	X		
P-378/P-380	PD867 / E EOS	10/04/14	10:00 AM	10:05 AM	30	0	FAIL	DW		X	Seam Capped
P-379/P-380	S EOS / N EOS	10/04/14	9:12 AM	9:17 AM	30	30	PASS	DW		X	
P-378/P-379	W EOS / E EOS	10/04/14	9:12 AM	9:17 AM	30	30	PASS	DW		X	
P-376/P-377	W EOS / E EOS	10/04/14	9:14 AM	9:19 AM	30	30	PASS	DW		X	
P-399/P-400	S EOS / N EOS	10/04/14	9:20 AM	9:25 AM	30	30	PASS	DW		X	
P-398/P-399	S EOS / N EOS	10/04/14	9:22 AM	9:27 AM	30	30	PASS	DW		X	
P-329/P-398	S EOS / N EOS	10/04/14	9:51 AM	9:56 AM	30	30	PASS	DW		X	
P-372/P-398	S EOS / PD866	10/04/14	9:52 AM	9:57 AM	30	30	PASS	DW	X		
P-372/P-398	PD866 / N EOS	10/04/14	10:00 AM	10:05 AM	30	30	PASS	DW		X	
P-328/P-398	N EOS / S EOS	10/04/14	10:01 AM	10:06 AM	30	28	PASS	DW		X	
P-327/P-376	N EOS / S EOS	10/04/14	11:06 AM	11:11 AM	30	30	PASS	BM		X	
P-378/P-401	N EOS / S EOS	10/04/14	11:08 AM	11:13 AM	30	30	PASS	RB		X	
P-379/P-401	S EOS / N EOS	10/04/14	11:08 AM	11:13 AM	30	29	PASS	RB		X	
P-382/P-401	N EOS / S EOS	10/04/14	11:19 AM	11:24 AM	30	30	PASS	RB		X	
P-384/P-401	S EOS / N EOS	10/04/14	11:19 AM	11:24 AM	30	30	PASS	RB		X	
P-386/P-401	N EOS / S EOS	10/04/14	11:21 AM	11:26 AM	30	30	PASS	RB		X	

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Seam Pressure Testing



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-388/P-401	N EOS / S EOS	10/04/14	11:21 AM	11:26 AM	30	30	PASS	RB		X	
P-390/P-401	N EOS / S EOS	10/04/14	11:31 AM	11:36 AM	30	30	PASS	RB		X	
P-392/P-401	S EOS / N EOS	10/04/14	11:36 AM	11:41 AM	30	29	PASS	RB		X	
P-393/P-401	N EOS / S EOS	10/04/14	11:35 AM	11:40 AM	30	28	PASS	RB		X	
P-401/P-402	S EOS / N EOS	10/04/14	11:40 AM	11:45 AM	30	28	PASS	RB		X	
P-396/P-402	N EOS / S EOS	10/04/14	11:40 AM	11:45 AM	30	30	PASS	RB		X	
P-397/P-402	S EOS / N EOS	10/04/14	11:40 AM	11:45 AM	30	30	PASS	RB		X	
P-393/P-402	S EOS / N EOS	10/04/14	11:35 AM	11:40 AM	30	28	PASS	RB		X	
P-400/P-403	N EOS / PD917	10/06/14	1:28 PM	1:33 PM	30	29	PASS	RB	X		
P-400/P-403	PD917 / S EOS	10/06/14	7:56 AM	8:01 AM	30	30	PASS	BM		X	
P-403/P-407	N EOS / S EOS	10/04/14	1:30 PM	1:35 PM	30	30	PASS	RB		X	
P-407/P-408	N EOS / S EOS	10/04/14	1:31 PM	1:36 PM	30	30	PASS	RB		X	
P-408/P-410	N EOS / S EOS	10/04/14	1:32 PM	1:37 PM	30	30	PASS	RB		X	
P-410/P-412	N EOS / S EOS	10/04/14	1:32 PM	1:37 PM	30	30	PASS	RB		X	
P-406/P-407	E EOS / W EOS	10/04/14	1:45 PM	1:50 PM	30	30	PASS	RB		X	
P-403/P-406	N EOS / S EOS	10/04/14	1:45 PM	1:50 PM	30	30	PASS	RB		X	
P-406/P-408	N EOS / S EOS	10/04/14	1:46 PM	1:51 PM	30	29	PASS	RB		X	
P-403/P-405	N EOS / S EOS	10/04/14	1:50 PM	1:55 PM	30	28	PASS	BM		X	
P-405/P-406	E EOS / W EOS	10/04/14	1:59 PM	2:04 PM	30	29	PASS	BM		X	
P-403/P-404	N EOS / S EOS	10/04/14	2:00 PM	2:05 PM	30	30	PASS	BM		X	
P-404/P-405	E EOS / W EOS	10/04/14	2:00 PM	2:05 PM	30	28	PASS	BM		X	
P-408/P-409	N EOS / S EOS	10/04/14	2:03 PM	2:08 PM	30	27	PASS	BM		X	
P-409/P-410	N EOS / S EOS	10/04/14	2:03 PM	2:08 PM	30	28	PASS	BM		X	
P-410/P-411	S EOS / N EOS	10/04/14	2:04 PM	2:09 PM	30	30	PASS	BM		X	
P-411/P-412	W EOS / E EOS	10/04/14	2:17 PM	2:22 PM	30	27	PASS	BM		X	
P-412/P-414	S EOS / N EOS	10/04/14	2:17 PM	2:22 PM	30	28	PASS	BM		X	
P-411/P-414	N EOS / S EOS	10/04/14	2:21 PM	2:26 PM	30	29	PASS	BM		X	
P-413/P-414	E EOS / W EOS	10/04/14	2:22 PM	2:27 PM	30	28	PASS	BM		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-414/P-416	N EOS / S EOS	10/04/14	3:35 PM	3:40 PM	30	30	PASS	BM		X	
P-416/P-417	N EOS / S EOS	10/04/14	3:36 PM	3:41 PM	30	30	PASS	BM		X	
P-417/P-420	N EOS / S EOS	10/04/14	3:37 PM	3:42 PM	30	30	PASS	BM		X	
P-420/P-421	N EOS / S EOS	10/04/14	3:38 PM	3:43 PM	30	30	PASS	BM		X	
P-421/P-423	N EOS / S EOS	10/04/14	3:39 PM	3:44 PM	30	30	PASS	BM		X	
P-414/P-415	N EOS / S EOS	10/04/14	3:48 PM	3:53 PM	30	29	PASS	BM		X	
P-415/P-416	E EOS / W EOS	10/04/14	3:48 PM	3:53 PM	30	28	PASS	BM		X	
P-415/P-417	N EOS / S EOS	10/04/14	3:50 PM	3:55 PM	30	30	PASS	BM		X	
P-417/P-418	N EOS / S EOS	10/04/14	3:53 PM	3:58 PM	30	30	PASS	BM		X	
P-417/P-419	S EOS / N EOS	10/04/14	3:53 PM	3:58 PM	30	30	PASS	BM		X	
P-418/P-419	E EOS / W EOS	10/04/14	3:53 PM	3:58 PM	30	30	PASS	BM		X	
P-419/P-420	W EOS / E EOS	10/04/14	4:02 PM	4:07 PM	30	30	PASS	BM		X	
P-419/P-421	N EOS / S EOS	10/04/14	4:02 PM	4:07 PM	30	30	PASS	BM		X	
P-421/P-422	N EOS / S EOS	10/04/14	4:04 PM	4:09 PM	30	28	PASS	BM		X	
P-422/P-423	E EOS / W EOS	10/04/14	4:04 PM	4:09 PM	30	30	PASS	BM		X	
P-423/P-424	N EOS / S EOS	10/04/14	4:22 PM	4:27 PM	30	28	PASS	BM		X	
P-423/P-425	S EOS / N EOS	10/04/14	4:22 PM	4:27 PM	30	28	PASS	BM		X	
P-424/P-425	E EOS / W EOS	10/04/14	4:22 PM	4:27 PM	30	29	PASS	BM		X	
P-423/P-426	S EOS / N EOS	10/04/14	4:23 PM	4:28 PM	30	30	PASS	BM		X	
P-425/P-426	E EOS / PD895	10/04/14	4:23 PM	4:28 PM	30	30	PASS	BM	X		
P-425/P-426	PD895 / W EOS	10/04/14	4:23 PM	4:28 PM	0	0	FAIL	BM		X	Seam Capped
P-424/P-427	N EOS / S EOS	10/04/14	4:35 PM	4:40 PM	30	30	PASS	BM		X	
P-425/P-427	S EOS / N EOS	10/04/14	4:35 PM	4:40 PM	30	30	PASS	BM		X	
P-427/P-428	S EOS / N EOS	10/04/14	4:37 PM	4:42 PM	30	30	PASS	BM		X	
P-426/P-427	S EOS / N EOS	10/04/14	4:24 PM	4:29 PM	30	30	PASS	BM		X	
P-411/P-413	N EOS / S EOS	10/04/14	5:22 PM	2:27 PM	30	28	PASS	BM		X	
P-327/P-429	E EOS / W EOS	10/06/14	7:36 AM	7:41 AM	30	27	PASS	BM		X	
P-328/P-429	N EOS / S EOS	10/06/14	7:36 AM	7:41 AM	30	30	PASS	BM		X	

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Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Primary Geomembrane Non-Destructive Testing Summary
Seam Pressure Testing



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-398/P-429	W EOS / E EOS	10/06/14	7:36 AM	7:41 AM	30	30	PASS	BM		X	
P-399/P-429	E EOS / W EOS	10/06/14	7:36 AM	7:41 AM	30	30	PASS	BM		X	
P-400/P-429	W EOS / E EOS	10/06/14	7:40 AM	7:45 AM	30	30	PASS	BM		X	
P-376/P-429	N EOS / S EOS	10/06/14	7:40 AM	7:45 AM	30	29	PASS	BM		X	
P-377/P-429	N EOS / S EOS	10/06/14	7:40 AM	7:45 AM	30	0	FAIL	BM		X	Seam Capped
P-377/P-400	N EOS / S EOS	10/06/14	7:53 AM	7:58 AM	30	30	PASS	BM		X	
P-377/P-401	E EOS / W EOS	10/06/14	7:53 AM	7:58 AM	30	30	PASS	BM		X	
P-400/P-401	S EOS / N EOS	10/06/14	7:53 AM	7:58 AM	30	30	PASS	BM		X	
P-401/P-403	S EOS / N EOS	10/06/14	8:01 AM	8:06 AM	30	30	PASS	BM		X	
P-401/P-404	N EOS / S EOS	10/06/14	8:13 AM	8:18 AM	30	30	PASS	BM		X	
P-401/P-408	S EOS / N EOS	10/06/14	8:13 AM	8:18 AM	30	30	PASS	BM		X	
P-401/P-409	N EOS / S EOS	10/06/14	8:24 AM	8:29 AM	30	30	PASS	BM		X	
P-401/P-411	S EOS / N EOS	10/06/14	8:24 AM	8:29 AM	30	30	PASS	BM		X	
P-401/P-413	N EOS / S EOS	10/06/14	8:25 AM	8:30 AM	30	30	PASS	BM		X	
P-401/P-415	S EOS / N EOS	10/06/14	8:25 AM	8:30 AM	30	30	PASS	BM		X	
P-401/P-417	N EOS / S EOS	10/06/14	8:38 AM	8:43 AM	30	30	PASS	BM		X	
P-401/P-418	S EOS / N EOS	10/06/14	8:38 AM	8:43 AM	30	30	PASS	BM		X	
P-401/P-421	N EOS / PD919	10/06/14	8:41 AM	8:46 AM	30	30	PASS	BM	X		
P-401/P-421	PD919 / S EOS	10/06/14	8:41 AM	8:46 AM	30	30	PASS	BM		X	
P-401/P-422	N EOS / S EOS	10/06/14	8:49 AM	8:54 AM	30	30	PASS	BM		X	
P-402/P-422	S EOS / N EOS	10/06/14	8:49 AM	8:54 AM	30	30	PASS	BM		X	
P-402/P-424	N EOS / S EOS	10/06/14	8:53 AM	8:58 AM	30	30	PASS	BM		X	
P-402/P-427	S EOS / N EOS	10/06/14	8:53 AM	8:58 AM	30	30	PASS	BM		X	
P-402/P-428	S EOS / N EOS	10/06/14	8:56 AM	9:01 AM	30	30	PASS	BM		X	

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Appendix K.7

Primary Geomembrane Acceptance Notifications

LLDPE Geomembrane Liner
Acceptance Form



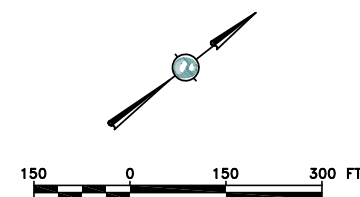
CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF PSSA</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/11/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANEL P-178</u>	
Items 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 RISER PIPE BASE PLATE INSTALLATION</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____

S:\CAD\1125G-Squaw VLF\cadd\CADD DRAWINGS\figures\Linear Inspection figure\Primary Liner\01.2014.09.11.dwg-9/18/2014 1:39 PM



LEGEND

ACCEPTED PRIMARY LLDPE LINER AREA



CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PREGNANT SOLUTION STORAGE AREA

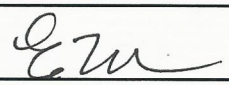
TITLE	PRIMARY LINER ACCEPTANCE AREA SEPTEMBER 11, 2014
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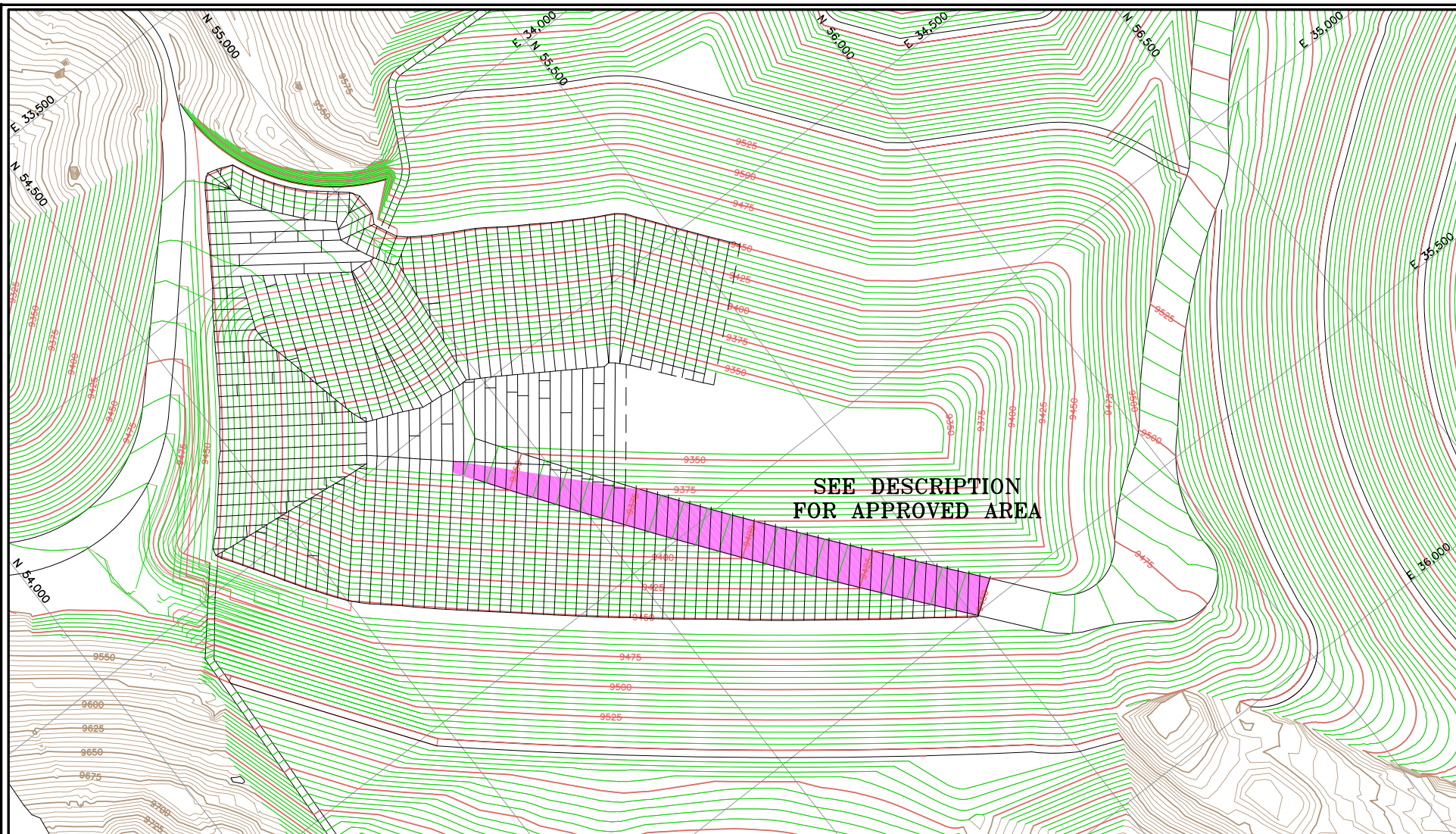
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DRAWN BY	MGC	APPROVED BY	ALM	09/11/14
CADD FILENAME		FIGURE No.	REV	
2014.09.11		1	0	

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 PSSA</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/15/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS - P-163 THROUGH P-213 ON</u> <u>ADR Haul Ramp ONLY.</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 NEEDED.</u>	
Accepted: Yes <u>X</u> No _____	
Explain: _____	
Signatures	
AMEC <u></u>	ECA _____
Ames <u></u>	Other _____
CC&V _____	Other _____

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LEGEND

ACCEPTED PRIMARY LLDPE LINER AREA



150 0 150 300 FT

CLIENT Cripple Creek & Victor Mining Company
PROJECT Pregnant Solution Storage Area

TITLE PRIMARY LINER ACCEPTANCE AREA
SEPTEMBER 15, 2014



DESIGNED BY	RBR	CHECKED BY	TB	DATE
DRAWN BY	MGC	APPROVED BY	ALM	09/15/14
CADD FILENAME		FIGURE No.	REV	
2014.09.15-1		1	0	

Page 1 of 2
Weather Sunny
Date 9/15/14

Area/Location: See attached sketch PANELS P-1 THROUGH P177 AND P179
THROUGH P-213

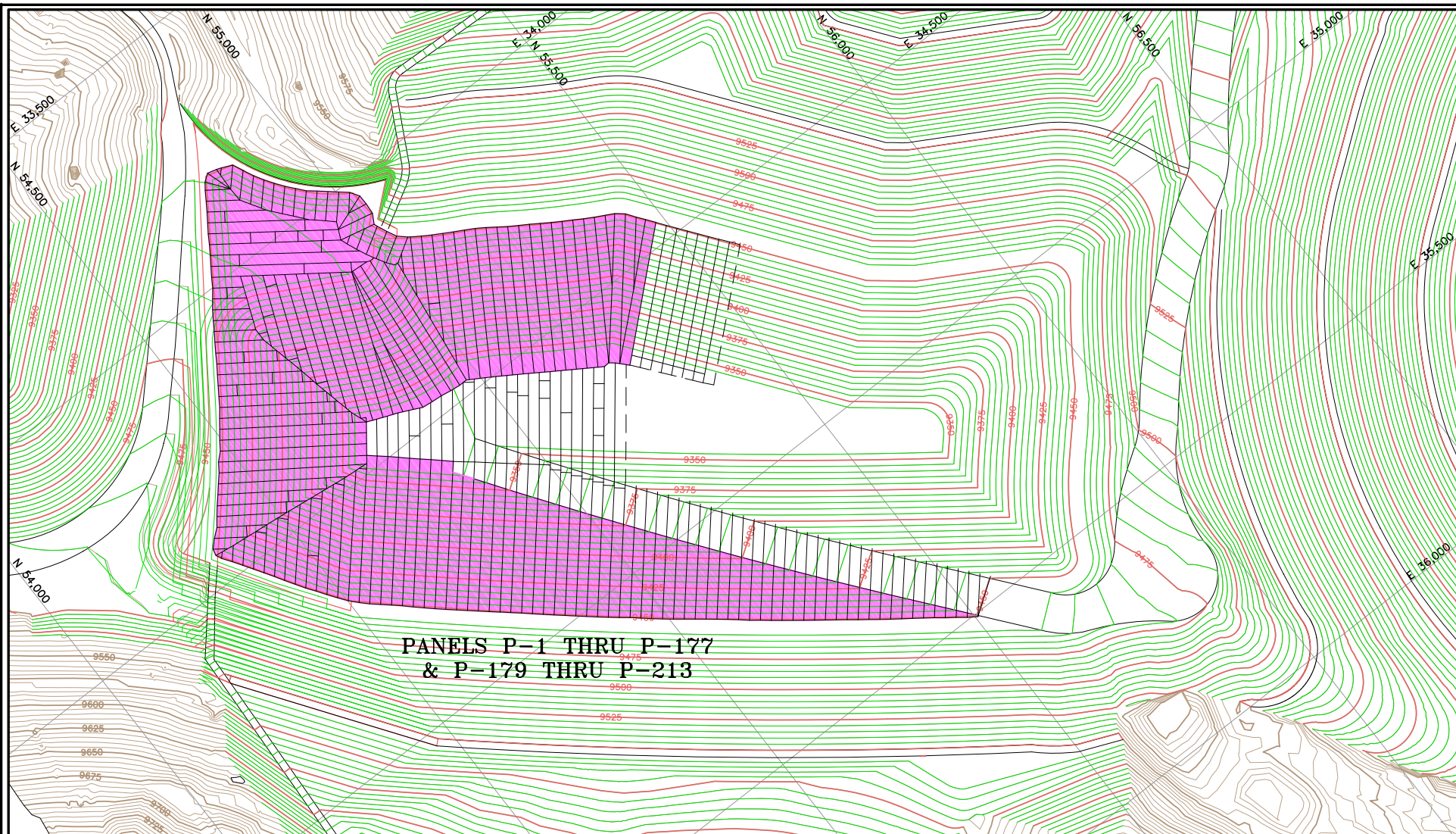
Tests Completed:	Air testing on seams
	Vacuum box testing on extrusion welds
	Repairs and patches tested as required
	3rd party conformance tests

Remedial Action: NONE

Signatures

• Other

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LEGEND

ACCEPTED PRIMARY LLDPE LINER AREA



150 0 150 300 FT

CLIENT Cripple Creek & Victor Mining Company
PROJECT Pregnant Solution Storage Area

TITLE PRIMARY LINER ACCEPTANCE AREA
SEPTEMBER 15, 2014



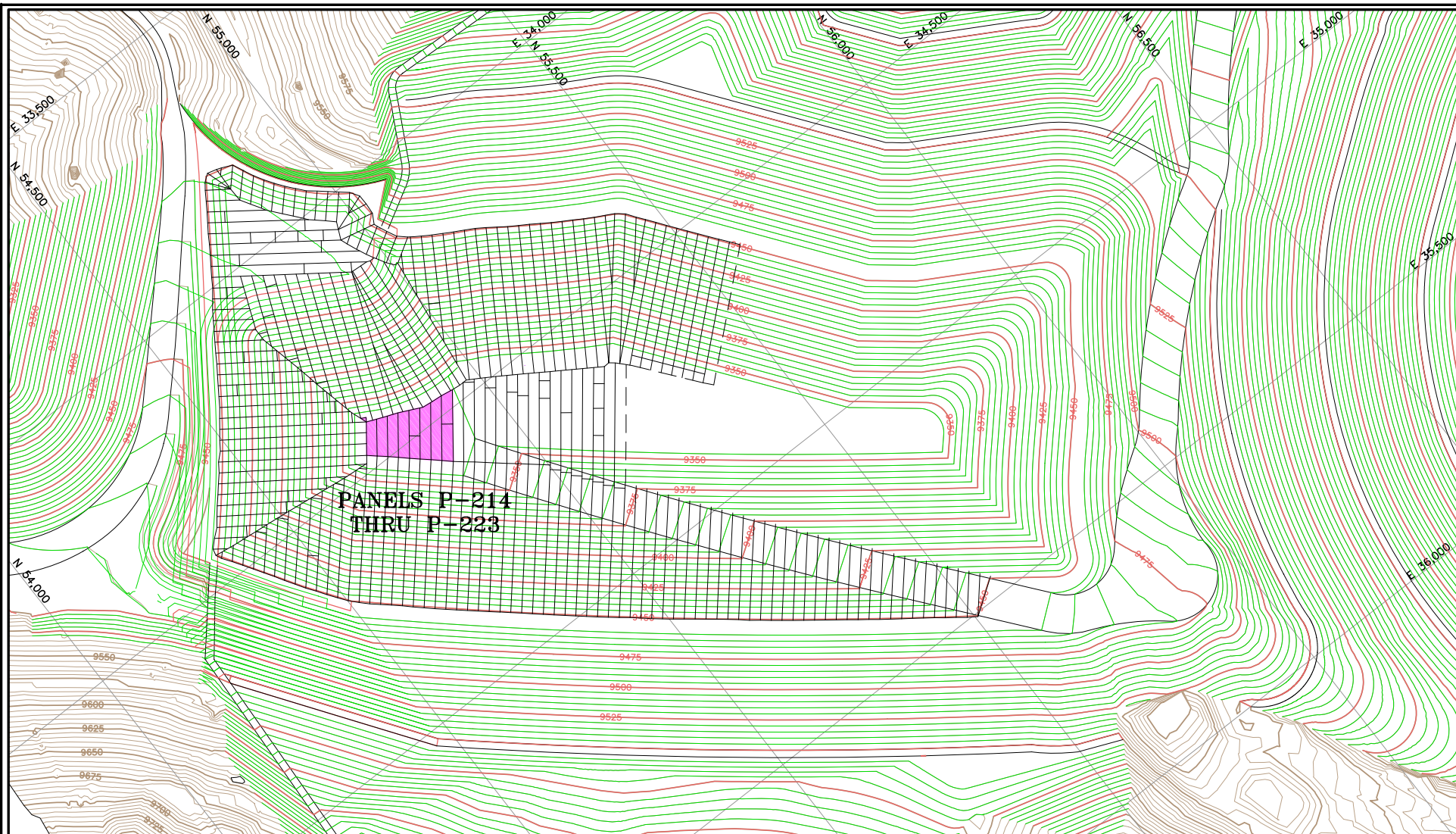
DESIGNED BY	RBR	CHECKED BY	TB	DATE
DRAWN BY	MGC	APPROVED BY	ALM	09/15/14
CADD FILENAME		FIGURE No.	REV	
2014.09.15-2		1	0	

LLDPE Geomembrane Liner
Acceptance Form



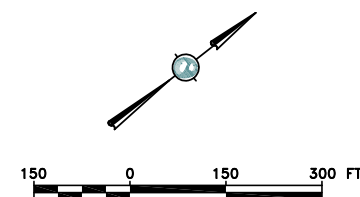
CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF PSSA</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/17/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS P-214 THROUGH P-223</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] Channing Brown</u>	Other <u> </u>
CC&V <u>[Signature]</u>	Other <u> </u>

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LEGEND

 ACCEPTED PRIMARY LLDPE LINER AREA



CLIENT Cripple Creek & Victor
Mining Company

PROJECT Pregnant Solution Storage Area

TITLE

PRIMARY LINER ACCEPTANCE AREA
SEPTEMBER 17, 2014



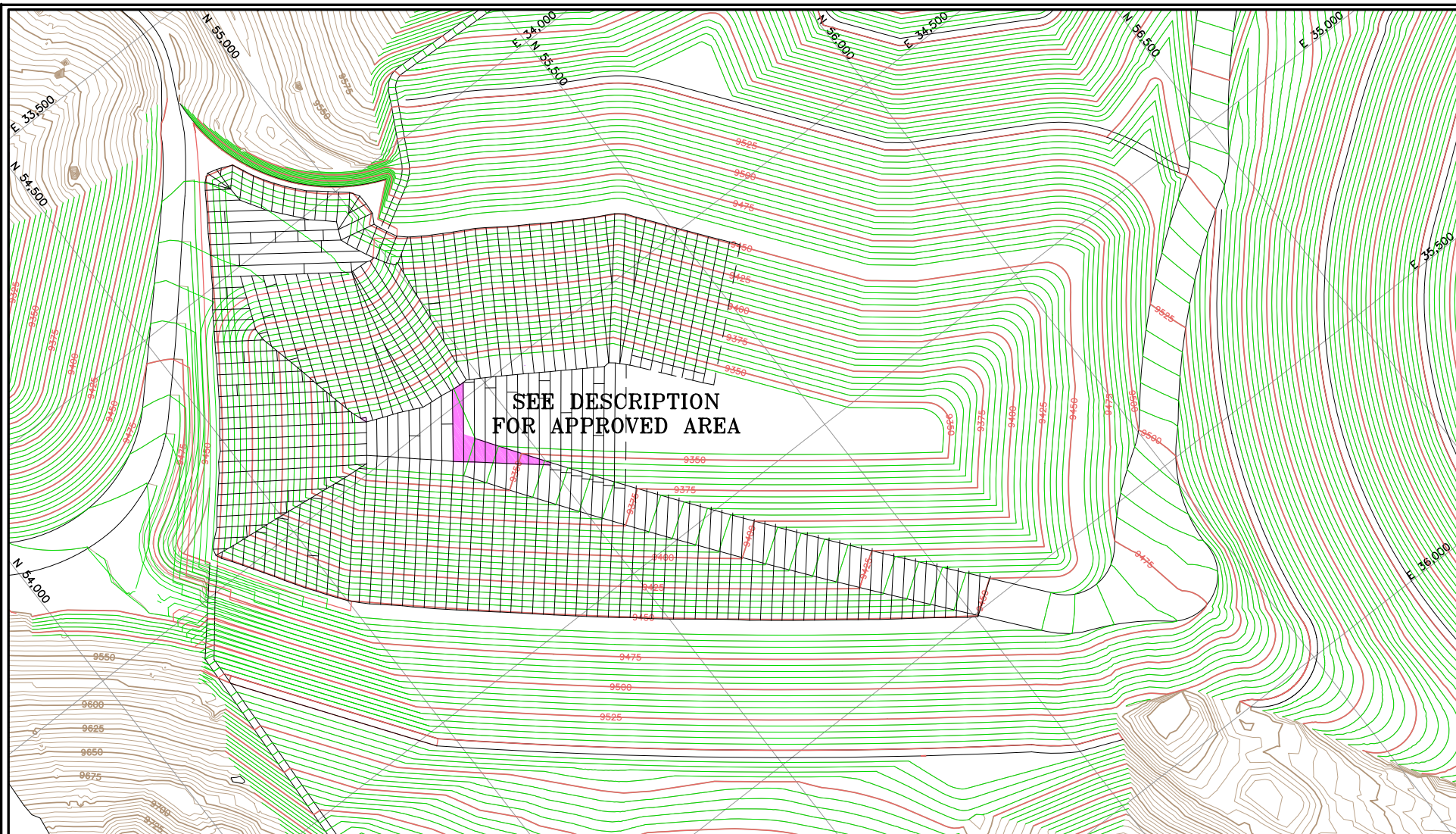
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DRAWN BY	MGC	APPROVED BY	ALM	09/17/14
CADD FILENAME		FIGURE No.	REV	
2014.09.17-1		1	0	

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 PSSA</u>	Weather <u>Sunny</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/17/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner PANELS P-224, AND HAUL ROAD RAMP ON PANELS P-225 THROUGH P-236</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>APPROVED FOR DRAIN COVER PLACEMENT</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature] Channing Brown</u>	Other _____
CC&V _____	Other _____

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LEGEND

ACCEPTED PRIMARY LLDPE LINER AREA



150 0 150 300 FT

CLIENT	CRIPPLE CREEK & VICTOR MINING COMPANY
PROJECT	PREGNANT SOLUTION STORAGE AREA

TITLE	PRIMARY LINER ACCEPTANCE AREA SEPTEMBER 17, 2014
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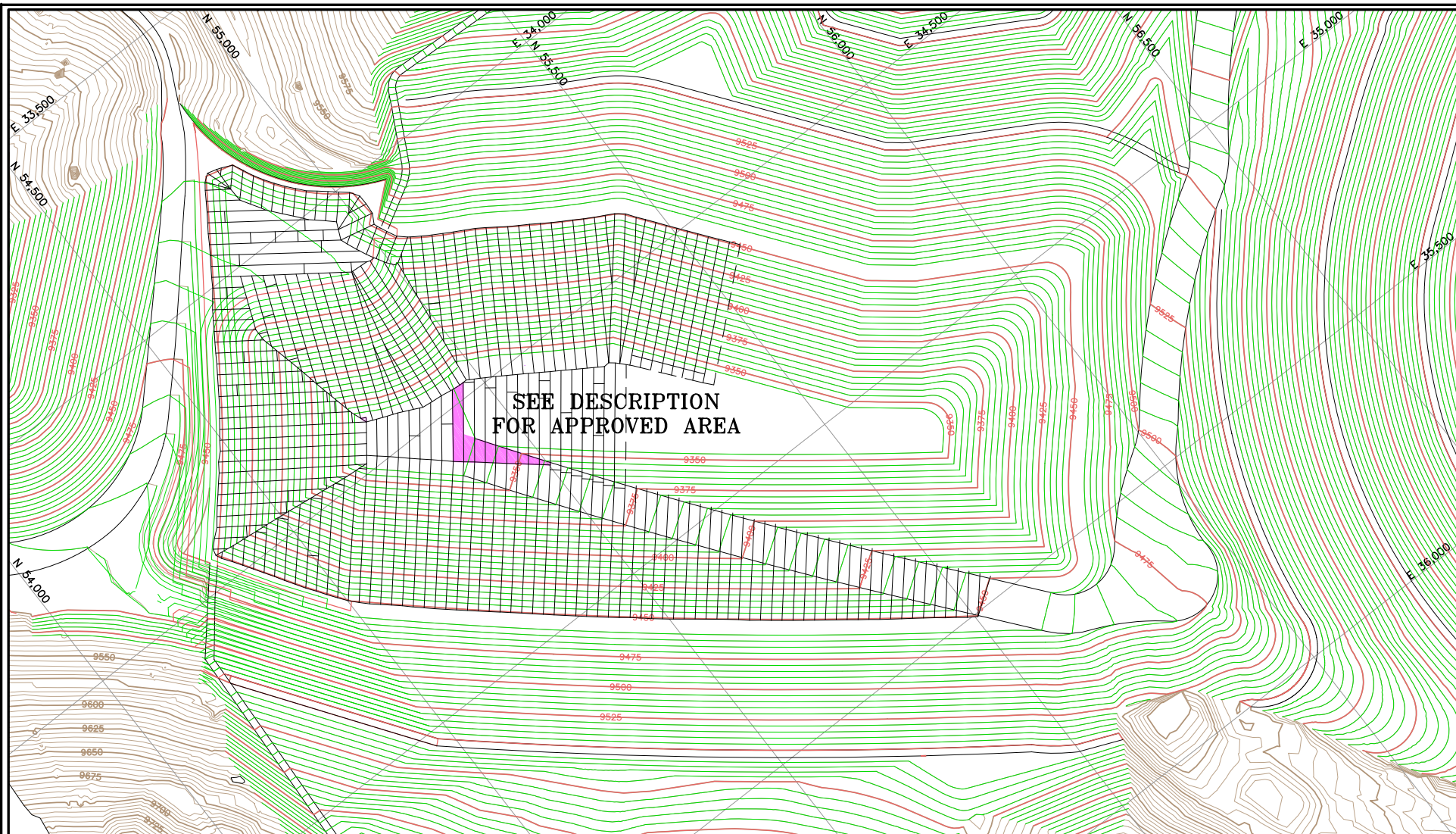
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DRAWN BY	MGC	APPROVED BY	ALM	09/17/14
CADD FILENAME		FIGURE No.	REV	
2014.09.17-2		1	0	

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 PSSA</u>	Weather <u>Sunny</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/17/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner PANELS P-224, AND HAUL ROAD RAMP ON PANELS P-225 THROUGH P-236</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>APPROVED FOR DRAIN COVER PLACEMENT</u>
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature] Channing Brown</u>	Other _____
CC&V _____	Other _____

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LEGEND

ACCEPTED PRIMARY LLDPE LINER AREA



150 0 150 300 FT

CLIENT Cripple Creek & Victor Mining Company
PROJECT Pregnant Solution Storage Area

TITLE PRIMARY LINER ACCEPTANCE AREA
SEPTEMBER 17, 2014



DESIGNED BY	RBR	CHECKED BY	TB	DATE
DRAWN BY	MGC	APPROVED BY	ALM	09/17/14
CADD FILENAME		FIGURE No.	REV	
2014.09.17-2		1	0	

LLDPE Geomembrane Liner
Acceptance Form



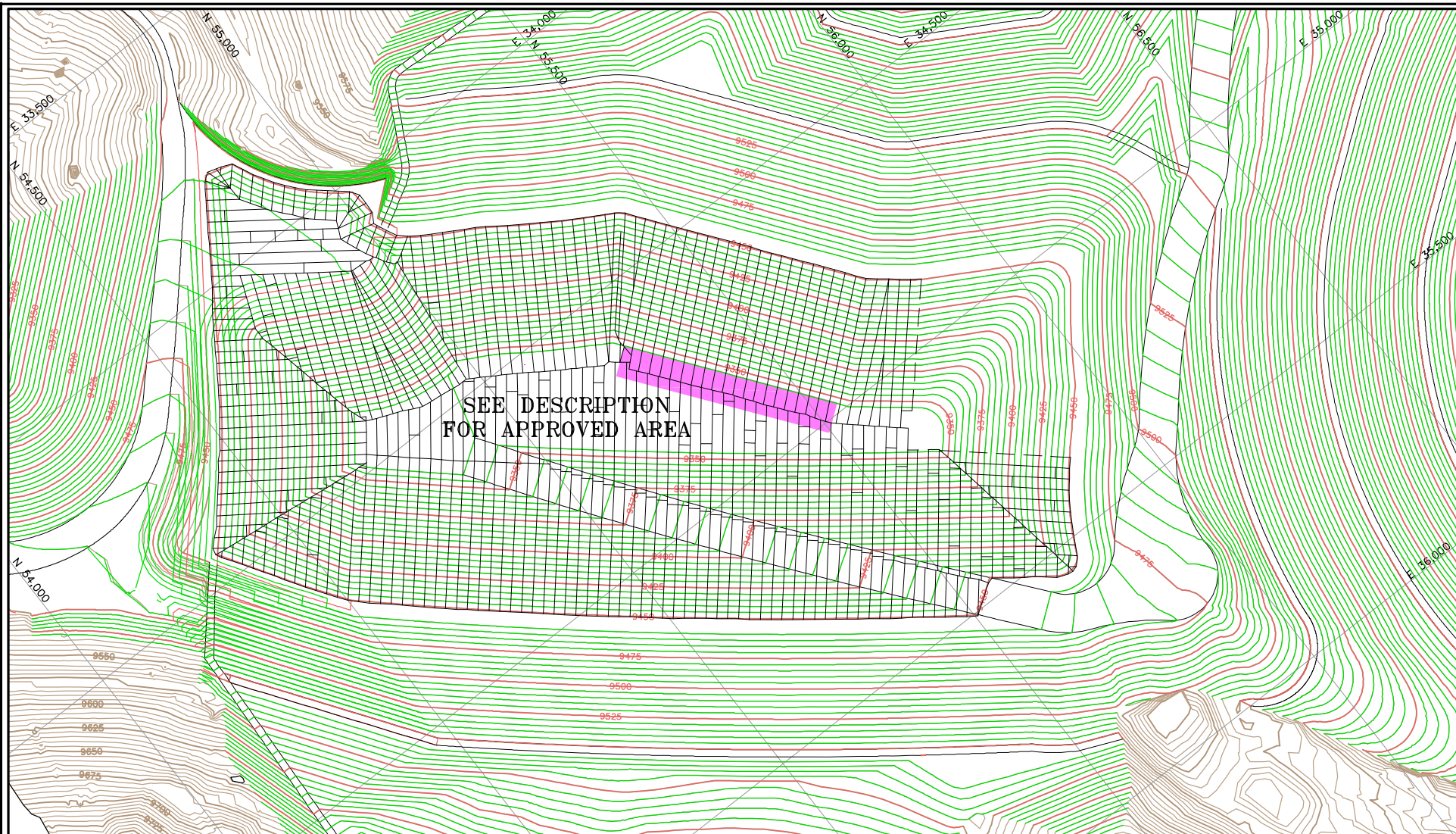
CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF PSSA</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/20/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS P-225 THROUGH P-249</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:	_____
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____

LLDPE Geomembrane Liner
Acceptance Form



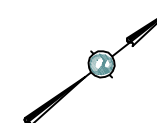
CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF PSSA</u>	Weather <u>Sunny</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/24/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner APPROVED FOR DRAIN COVER</u>	
Area/Location: <u>See attached sketch - APPROVED FOR DRAIN COVER FILL PLACEMENT TO ACCESS NORTH END OF POND. PANEL P249 THROUGH P312 WEST 20' OF PANEL TO TOE OF WEST SLOPE</u>	
Items <u>Visual inspection of installed panels</u>	
Inspected: <u>Visual inspection of wedge welds</u>	
<u>Visual inspection of extrusion welding</u>	
<u>Survey completed</u>	
Tests <u>Air testing on seams</u>	
Completed: <u>Vacuum box testing on extrusion welds</u>	
<u>Repairs and patches tested as required</u>	
<u>3rd party conformance tests</u>	
Deficient <u>NONE</u>	
Items:	
Remedial <u>NONE</u>	
Action:	
Accepted: Yes <u>X</u> No _____	
Explain: <u>APPROVED FOR DRAIN COVER PLACEMENT</u>	
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature] Charming Brown</u>	Other _____
CC&V _____	Other _____

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LEGEND

ACCEPTED PRIMARY LLDPE LINER AREA



150 0 150 300 FT

CLIENT Cripple Creek & Victor
Mining Company

PROJECT Pregnant Solution Storage Area

TITLE

PRIMARY LINER ACCEPTANCE AREA
SEPTEMBER 24, 2014



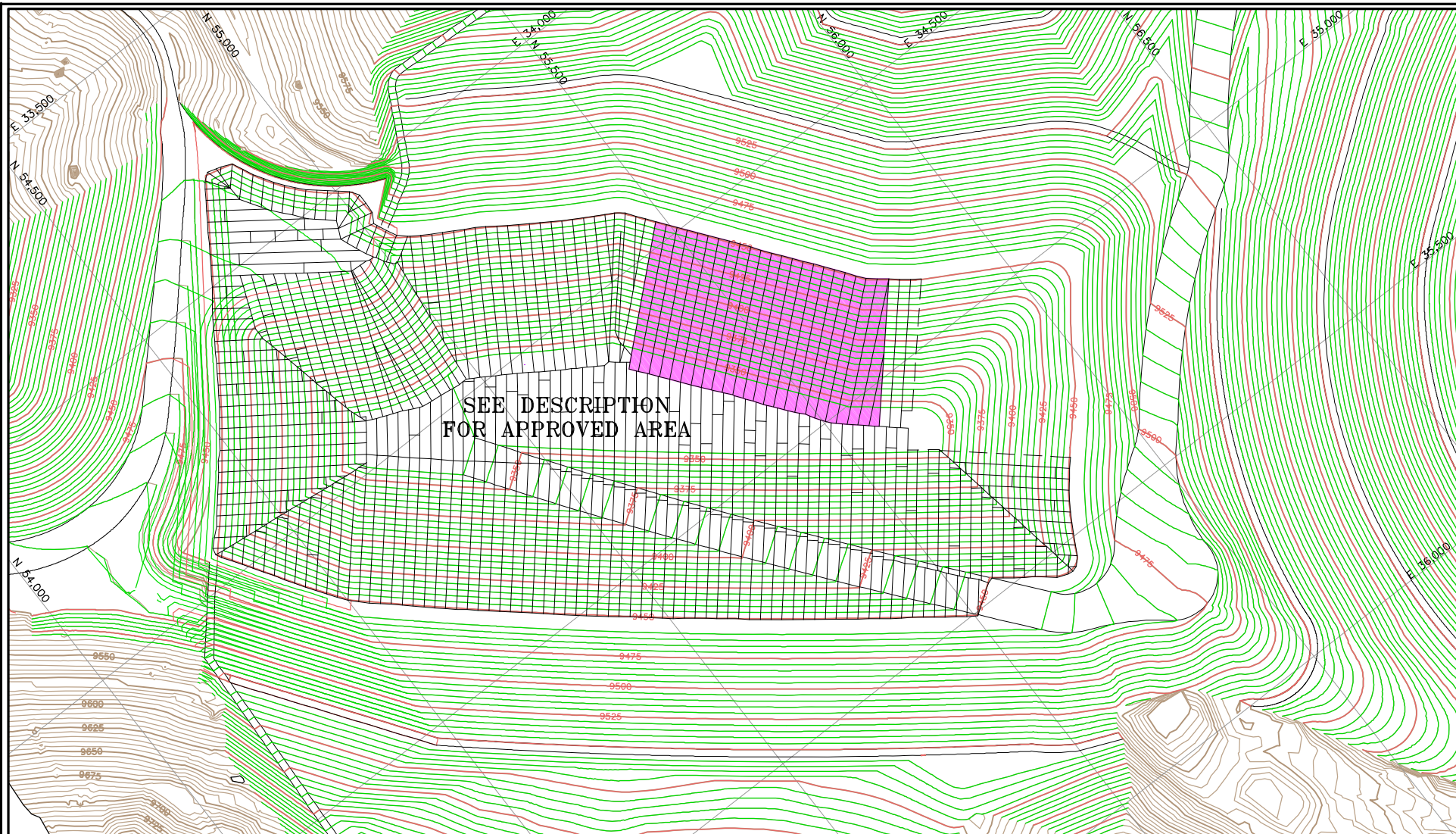
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DRAWN BY	MGC	APPROVED BY	ALM	09/24/14
CADD FILENAME		FIGURE No.	REV	
2014.09.24		1	0	

LLDPE Geomembrane Liner Acceptance Form



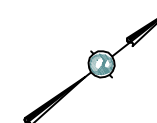
CLIENT: <u>Cripple Creek & Victor Mining Co.</u> PROJECT: <u>Squaw Gulch VLF PSSA</u> PROJECT NUMBER: <u>74201125N0</u>	Page <u>1</u> of <u>2</u> Weather <u>Sunny</u> Date <u>9/25/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch - PANELS P-250 through P-291 AND</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: _____	
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature] Channing Brown</u>	Other _____
CC&V _____	Other _____

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LEGEND

ACCEPTED PRIMARY LLDPE LINER AREA



150 0 150 300 FT

CLIENT Cripple Creek & Victor
Mining Company

PROJECT Pregnant Solution Storage Area

TITLE

PRIMARY LINER ACCEPTANCE AREA
SEPTEMBER 25, 2014

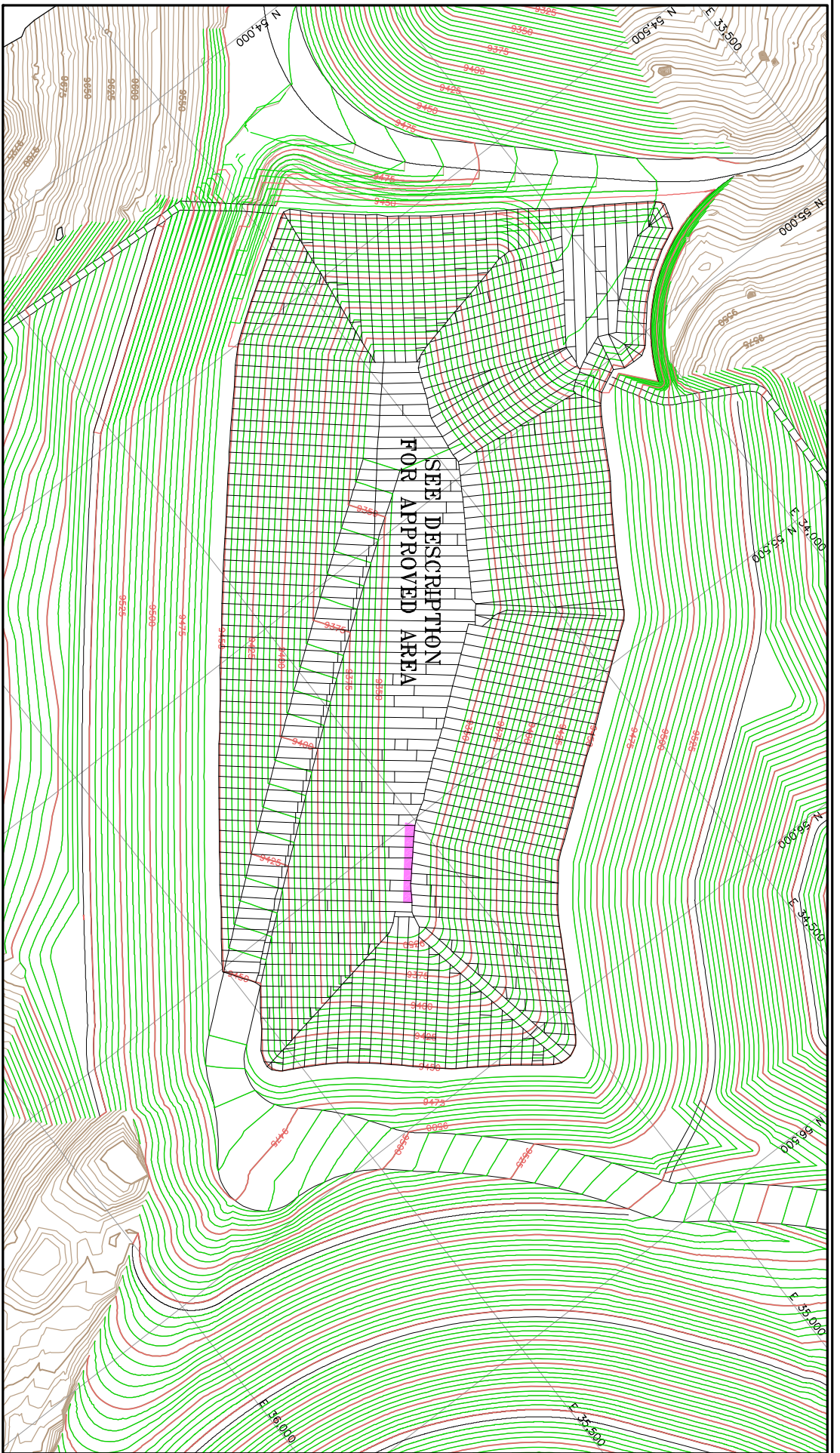


DESIGNED BY	RBR	CHECKED BY	TB	DATE
DRAWN BY	MGC	APPROVED BY	ALM	09/25/14
CADD FILENAME		FIGURE No.	REV	
2014.09.25		1	0	

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 PSSA</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/26/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS P-314 THROUGH P-327 WEST END OF SEAM TO 20' EAST</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:	_____
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature]</u>	Other _____
CC&V <u>[Signature]</u>	Other _____



LEGEND

ACCEPTED PRIMARY LIDPE LINER AREA

CLIENT

**CRIPPLE CREEK & VICTOR
MINING COMPANY**

TITLE

**PRIMARY LINER ACCEPTANCE AREA
SEPTEMBER 26, 2014**

PROJECT

PREGNANT SOLUTION STORAGE AREA



150 0 150 300 FT



DESIGNED BY	RBR	CHECKED BY	TB	DATE
DRAWN BY	MGC	APPROVED BY	ALM	09/26/14
CADD FILENAME	2014.09.26	FIGURE No.	1	REV
				0

**LLDPE Geomembrane Liner
Acceptance Form**



CLIENT: <u>Cripple Creek & Victor Mining Co.</u> PROJECT: <u>Squaw Gulch VLF PSSA</u> PROJECT NUMBER: <u>74201125N0</u>	Page <u>1</u> of <u>2</u> Weather <u>sunny</u> Date <u>9/28/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS P-267 THROUGH P-325</u> <u>EAST SLOPE ONLY</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] Channing Brown</u>	Other _____
CC&V _____	Other _____

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 PSSA</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>9/30/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch - REMAINING AREA OF PANELS P281 THROUGH P325</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] Channing Brown</u>	Other _____
CC&V _____	Other _____

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 PSSA</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>10/6/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS P-326 THROUGH P-372, P-398 THROUGH P-399 AND P-429</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] Channing Brown</u>	Other _____
CC&V _____	Other _____

LLDPE Geomembrane Liner
Acceptance Form



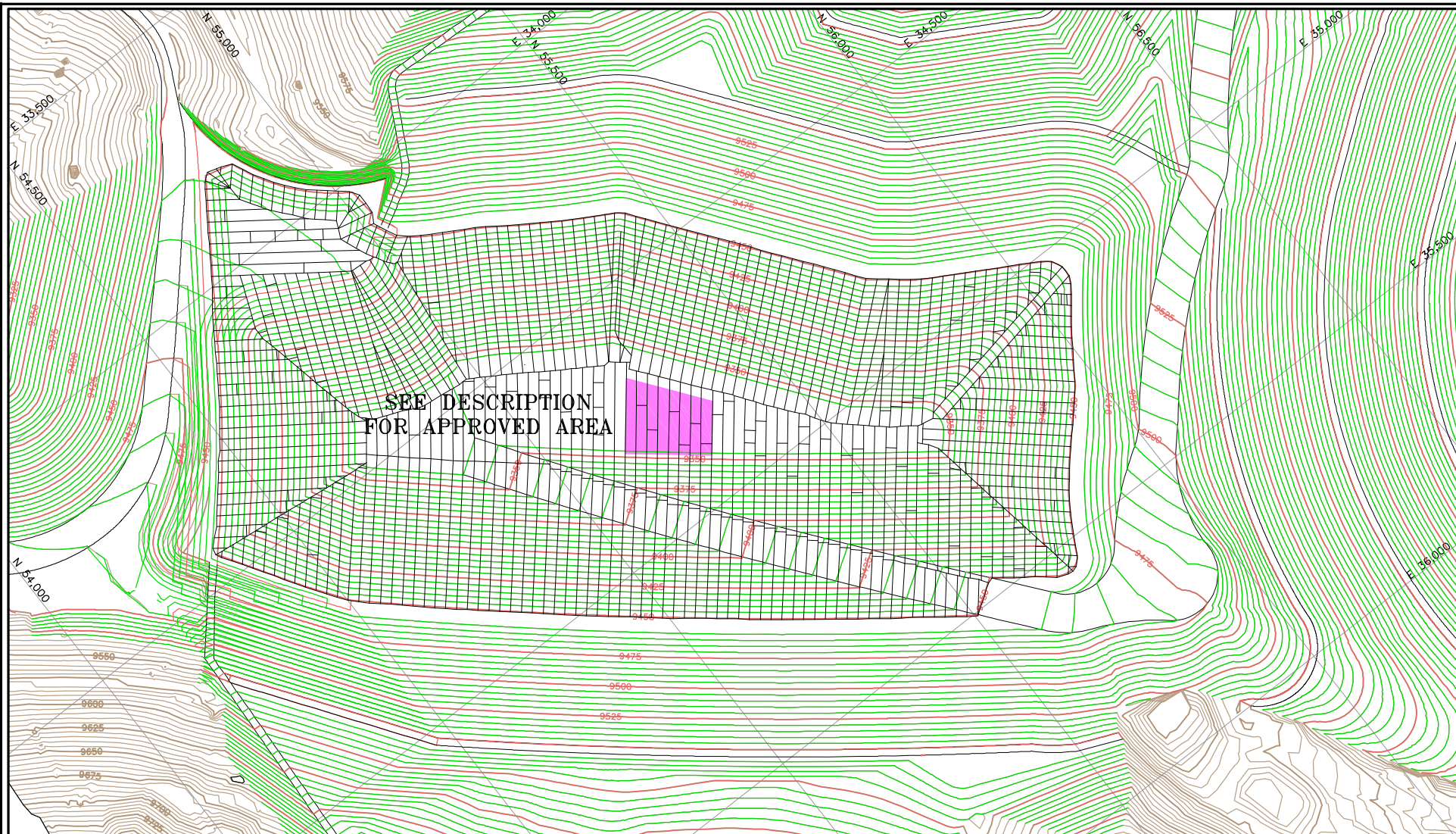
CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF PSSA</u>	Weather <u>SUNNY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>10/7/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch PANELS P-292 THROUGH P-295 AND P-373 THROUGH P-428</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 PLACEMENT</u>
Signatures	
AMEC <u>[Signature]</u>	ECA <u> </u>
Ames <u>[Signature] Channing Brown</u>	Other <u> </u>
CC&V <u> </u>	Other <u> </u>

LLDPE Geomembrane Liner
Acceptance Form



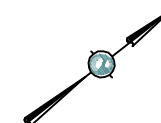
CLIENT: <u>Cripple Creek & Victor Mining Co.</u>	Page <u>1</u> of <u>2</u>
PROJECT: <u>Squaw Gulch VLF PSSA</u>	Weather <u>CLOUDY</u>
PROJECT NUMBER: <u>74201125N0</u>	Date <u>10/9/14</u>
Work Activity: <u>100-mil LLDPE Geomembrane Liner</u>	
Area/Location: <u>See attached sketch REMAIN AREA AT PSSA FLOOR PANELS P-267 THROUGH P-280</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>APPROVED FOR DRAIN COVER PLACEMENT</u>	
Signatures	
AMEC <u>[Signature]</u>	ECA _____
Ames <u>[Signature] Channing Brown</u>	Other _____
CC&V _____	Other _____

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LEGEND

 ACCEPTED PRIMARY LLDPE LINER AREA



150 0 150 300 FT

CLIENT Cripple Creek & Victor
Mining Company

PROJECT Pregnant Solution Storage Area

TITLE

PRIMARY LINER ACCEPTANCE AREA
OCTOBER 9, 2014



DESIGNED BY	RBR	CHECKED BY	TB	DATE
DRAWN BY	MGC	APPROVED BY	ALM	10/09/14
CADD FILENAME			FIGURE No.	REV
2014.10.09			1	0