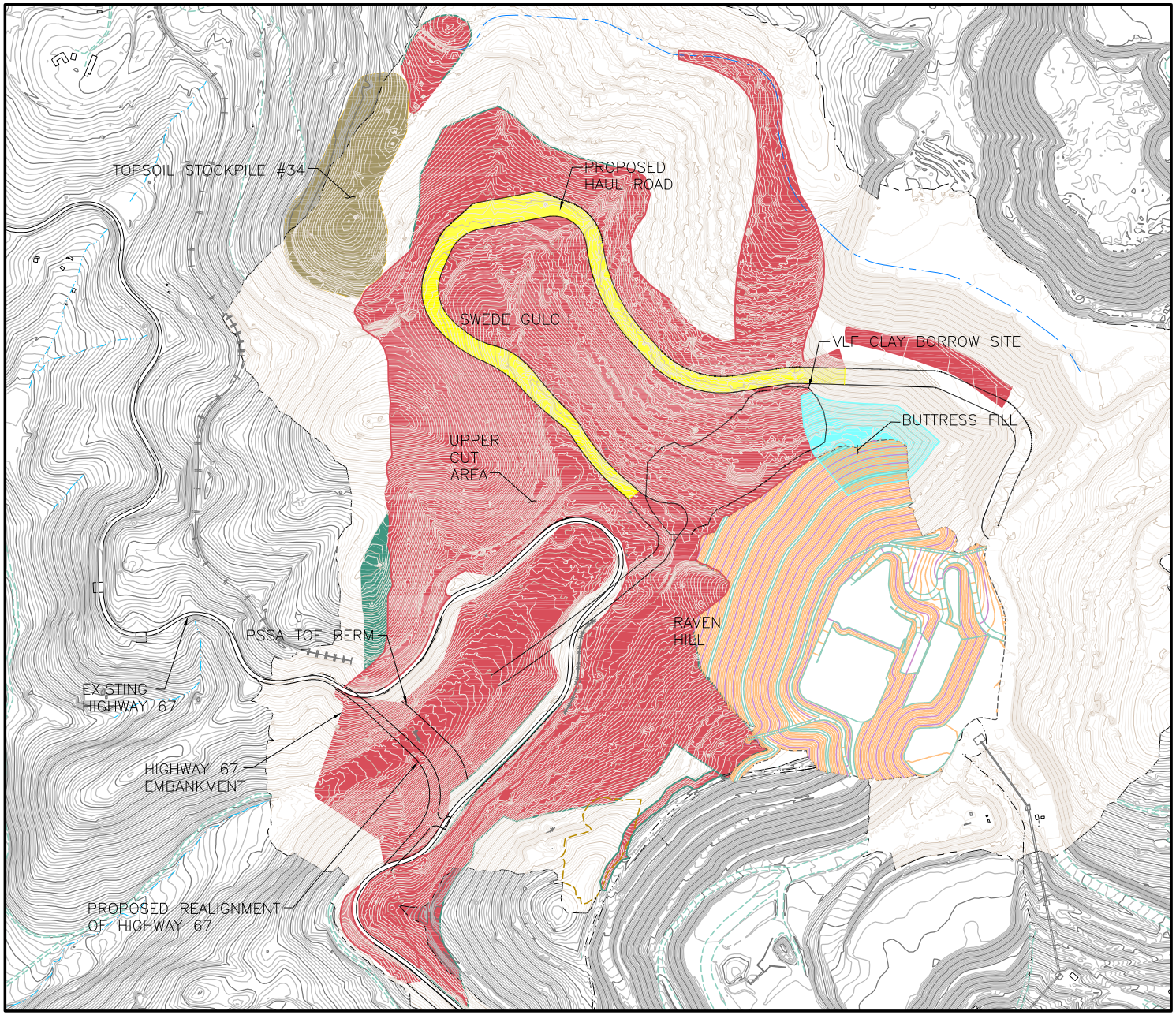
Photographs of daily activities:

Photo 1: Historical Crib Wall dismantling.

Photo 2: Installed timber panels at the South MSE Wall..

Photo 3: Cut operations near station A14+00.

Photo 4: Fill placement at the Buttress Fill area.



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE
- HAUL ROAD CUT/FILL
- BUTTRESS FILL

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED FOR ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
PROJECT	MLE 2 SQUAW GULCH
TITLE	CLEARING, GRUBBING AND FILL AREAS

amec

DESIGNED BY	RBR	CHECKED BY	EKL	DATE
DRAWN BY	RBR	APPROVED BY	TRB	01/18/14

FILENAME	FIGURE No.	REV
–	1	A

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner: Cripple Creek & Victor Gold Mining Co.
Project: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 1.25.2014

Reporting Period: 1.19.14 thru 1.25.14

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	-	-	-	-	-	-

D = Day Shift H = Holiday W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: 6°F to 24°F
High: 20°F to 46°F

Weather conditions for reporting period:
Cloud Cover: Snow Thursday; otherwise, mostly clear
Precipitation: None
Wind: Variable

Ames: Continuing construction tasks for the Historical Crib Wall / South MSE Wall and VLF.
-
Planning: Continuing construction activities and scheduling for Historical Crib Wall / South MSE Wall and VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil or overburden stripping occurred this week.

Production drilling: Production drilling occurred during this reporting period within the VLF limits.

Production blasting: Five blasts occurred within the VLF.

Structural Fill:
Cat dozers continued pushing material downslope near stations A14+00 and B16+00 where it was placed into Cat 777 haul trucks by a Cat 992G loader. The material was transported to the buttress fill adjacent to Dump 4 and was placed in approximately 24-inch lifts by a Cat D9 dozer. A Cat 330 excavator rock hammer broke oversized rock while a Cat smooth drum vibratory roller compacted the lifts per method specification.

A Cat D10 pushed material downslope from Dump 4 east of the Phase 2 Diversion Channel area where it was placed as fill in approximately 3 foot lifts by a Cat dozers. The lifts were compacted per method specification by a Cat vibratory smooth drum roller.

A John Deere 850 excavator loaded 740 haul trucks with material removed near station Q4+00. The material was hauled in between stations E1+00 and C6+00 and placed using a Cat D8 GPS dozer in approximately 24 inch lifts. The lifts were compacted per method specification by a Cat CS56 smooth drum vibratory roller.

A John Deere 870 excavator loaded 740 haul trucks with material removed near station FF10+00. The material was hauled to an area near stations FF1+00 to F4+00 and DD0+00 to DD2+00 and placed using a Cat D8 GPS dozer in

approximately 24 inch lifts. The lifts were compacted per method specification by a Cat CS56 smooth drum vibratory roller.

A John Deere 850 excavator loaded 740 haul trucks with material removed at the base of the PSSA toe berm. The material was hauled to the upper PSSA toe berm fill surface and was placed using a Cat D8 GPS dozer in approximately 24 inch lifts. The lifts were compacted per method specification by a Cat CS56 smooth drum vibratory roller.

A John Deere 1050J, a Cat D8t GPS, and a Cat D6 GPS dozer graded the slopes between stations HH0+00 to HH2+00 and FF4+00 to FF8+00.

A Cat D9 dozer removed the former highway pavement and prepared a drill pad below the Crib Wall near stations B8+00 to B10+00.

A Cat dozer graded the slope near stations Q6+00 to Q10+00.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for later removal / use.

Squaw Gulch Clay Borrow Site: Clay processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 41,500 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

A Cat 980 loader was used to transport till from the mid portion of the clay borrow area to the lower portion for processing.

Underdrain System:

Secondary Underdrain: No secondary underdrain was installed during this reporting period. Approximately, 5,064 feet of secondary underdrain has been completed to date in the VLF.

Primary Underdrain: No work was performed on the primary underdrain during this reporting period. A total of 1,294.60 feet of primary underdrain has been completed.

Tree /Slash Grubbing and Clearing, Chipping:

Tree removal occurred at the Drain Cover Fill (DCF) stockpile expansion area occurred.

B) Underground Workings

Confirmation drilling occurred at underground working UG #6302. Additional work will continue.

Two layers of geogrid and select structural fill were installed at Working UG # 6123. Work is to continue.

Working UG #6302 was excavated to a depth of 25 feet. The bottom of the shaft was not located and no timbers were found; they were possibly removed during slope grading. What appears to be an adit was noted at the bottom of the excavation trending in a northerly direction up-slope. Drilling will be required to further locate the adit. The shaft was backfilled for safety and drilling access was provided. Work to continue.

Cemented rock fill was placed in Underground Working number 6087.

UG 6374 was prepped for a 2-layer geogrid system. AMEC personnel approved the prepared subgrade for geogrid placement.

Ames finished backfilling UG #6320. The shaft was filled to within 50 feet of the surface using the 60-inch minus material. The remainder of the shaft was completed with the on-site tailings which classifies as coarse shaft backfill. The total amount of material placed in the shaft was approximately 6,355 cubic yards.

A Cat 345 excavator removed shot rock from the adit at UG #6003. Two additional adits were located and will require confirmatory drilling to isolate them.

Underground Workings U6332, 6342, 6417, 6405, 6416, 6410, and 6301 were excavated to competent rock, backfilled with structural fill, and are considered remediated.

Structural fill was placed over the cemented rock fill in Underground Working number U6280. The working is considered remediated.

Cemented rock fill was placed in Underground Working number 6036 and then backfilled with structural fill. The working is considered remediated.

Working UG #6283 was blasted, excavated, backfilled with structural fill, and is considered remediated.

Drain Cover Stockpile Extension, Outside the Phase 2 Work Area:
Seven underground workings were located within the planned stockpile extension yesterday. Four of the workings were previously removed in July 2013.
The following workings were located and were backfilled during the site grading and tree removal:
UG #6424: (5453), Known Shaft: Remediated, backfilled.
UG #U6425: Unknown Trench: Runs from the east to west about 80-feet in length. Remediated, backfilled.
UG #U6426: Unknown Shallow Surface Working. Remediated, backfilled.

C) Historical Crib Wall / South MSE Wall:

A Cat 320 excavator was used to remove tailings from behind the timbers at the historic crib wall. The tailings were pushed down hill near station B16+00 where they were loaded out and used as fill. A Cat 320 excavator was also used to remove timber panels form the historic crib wall that were fastened together with steel backing straps and spikes.

Timber-panel installation continued at the South MSE wall.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) Field Activities: Observation of construction activities during this reporting period included: Slope grading and fill placement; Underground working remediation and drilling; Production drilling and blasting; Timber panel and tailing removal at the historic Crib Wall; Timber panel installation at the South MSE Wall; and Clay (Soil Liner Fill—SLF) and Drain Cover Fill (DCF) processing.

II) Laboratory Activities: Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material classification and identifications and field material sampling were performed during this reporting period.

DCF: Sample 50 was collected and returned to Amec's laboratory for analysis.
SLF Sample Number 91-S through 93-S were collected and returned to Amec's laboratory for analysis.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on January 22, 2014 with CC&V Projects, Amec, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, Amec and Ames.

Miscellaneous: A Grizzly was setup near the Midway area for Rip Rap production.

Deliveries: None

Submitted by: Eric Lorenson Date: 25 Jan. 2014
CQA Monitor

Reviewed By: Eric Lorenson For Tim Burkhard **Date:** 1-31-14
ERIC LORENSON
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Rudolph **Date:** 1-30-14
CC&V Projects

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Jan 19	Jan 20	Jan 21	Jan 22	Jan 23	Jan 24	Jan 25
Tim Burkhard	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	UG	UG	UG	UG	UG	-
Ben Melly	-	ST	ST	ST	ST	ST	-
Robert Redd	-	UG	UG	UG	UG	UG	UG
Tyler Browning	-	-	ST	ST	-	ST	-
Reggie Long	-	-	-	-	-	-	-
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	LT
Randy Johnson	-	-	-	-	-	ST	ST

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer

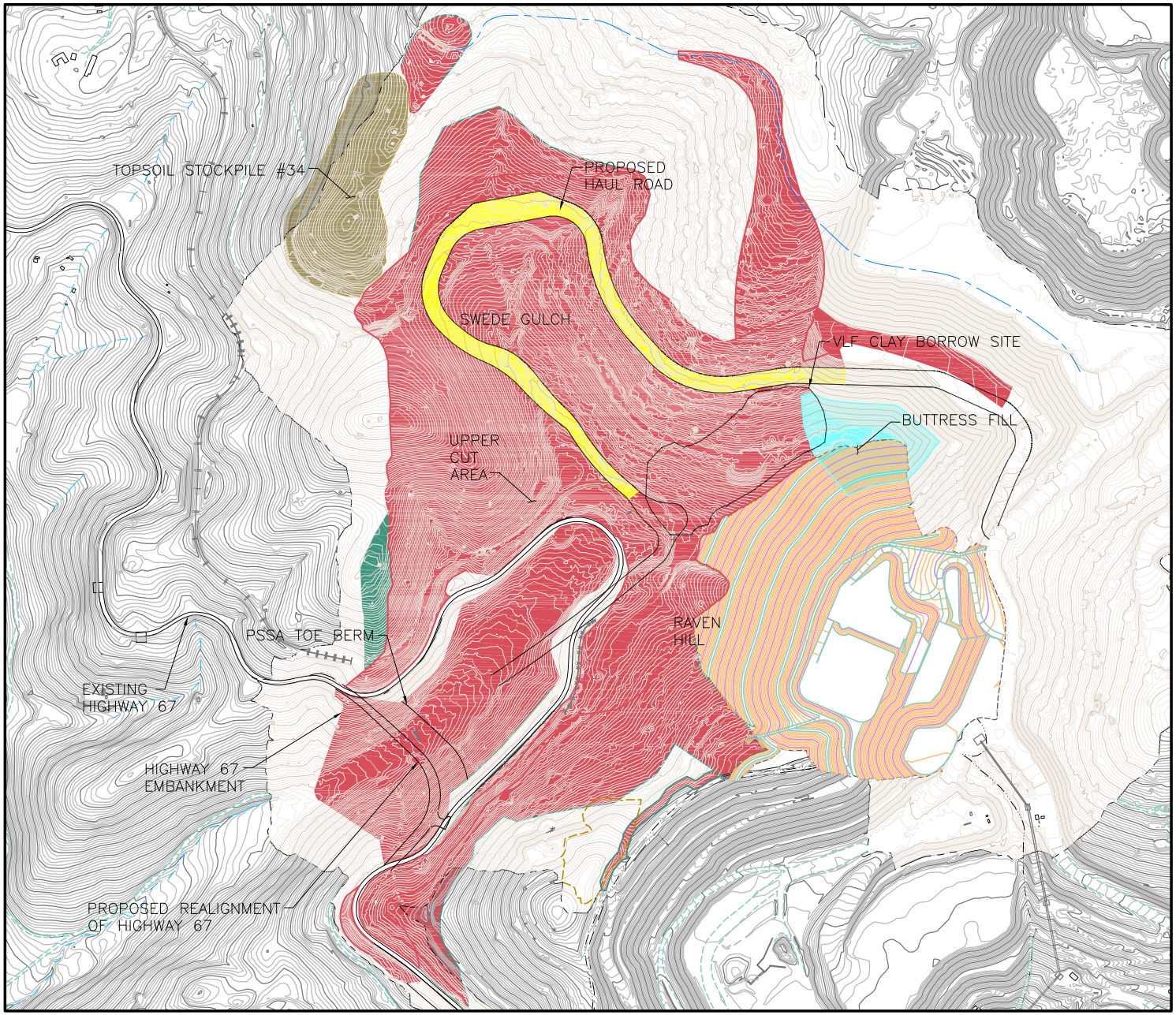
Photographs of daily activities:

Photo 1: Cut and fill operations east of the Phase 2 Diversion Channel adjacent to Dump 4.

Photo 2: Installed timber panels at the South MSE Wall.

Photo 3: Placement of the second layer of geogrid at Underground Working UG 6123.

Photo 4: Newly discovered adits at Underground Working UG 6003.



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE
- HAUL ROAD CUT/FILL
- BUTTRESS FILL

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED FOR ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
PROJECT	MLE 2 SQUAW GULCH
TITLE	CLEARING, GRUBBING AND FILL AREAS

amec

DESIGNED BY	RBR	CHECKED BY	EKL	DATE
DRAWN BY	RBR	APPROVED BY	TRB	01/25/14

FILENAME	FIGURE No.	REV
–	1	A

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner: Cripple Creek & Victor Gold Mining Co.
Project: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 2.01.2014

Reporting Period: 1.26.14 thru 2.01.14

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	W	W
	-	-	-	-	-	-	-

D = Day Shift H = Holiday W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: -2°F to 22°F
High: 18°F to 37°F

Weather conditions for reporting period:
Cloud Cover: Clear to overcast.
Precipitation: Snow Jan. 26 and Jan. 30 to Feb. 1
Wind: Variable

Ames: Continuing construction tasks for the Historical Crib Wall / South MSE Wall and VLF.
-
Planning: Continuing construction activities and scheduling for Historical Crib Wall / South MSE Wall and VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: Topsoil was stripped from the Drain Cover Fill stockpile expansion area and transported to existing topsoil stockpile 20 for later use.

Production drilling: Production drilling occurred during this reporting period within the VLF limits.

Production blasting: Three blasts occurred within the VLF.

Structural Fill:
Cat dozers fed a Cat 992G loader with structural fill from above and below the historical Crib Wall near stations B12+00 to B16+00, from stations DD8+00 to DD10+00 and near station A14+00. The structural fill was loaded into 777 haul trucks and transported to stations F16+00 to F18+00 and H12+00 to H14+00 adjacent to Dump 4 where it was placed in approximately 24 inch lifts. A Cat vibratory smooth drum roller compacted the lifts per method specification. In the afternoon, the material removal operation moved to near station A14+00.

A John Deere excavator loaded out structural fill from the base of the PSSA into Cat 740 haul trucks. The structural fill was hauled to the PSSA toe embankment and placed in approximately 36 inch lifts. A Cat D8 dozer also placed cut material used as structural fill at the PSSA west sliver fill. The structural fill came from the west slope of the PSSA and was placed in approximately 24 inch lifts. A Cat vibratory smooth drum roller compacted both fill areas at the PSSA per method specification. A John Deere 1050J dozer was also used to grade the bottom of the PSSA to provide access for closure drain drilling.

A John Deere excavator, a Cat D8 GPS dozer, and Cat 740 haul trucks were used to cut the slope and remove material to be used as structural fill located near station A6+00 to A12+00. The structural fill was placed using a John Deere 1050 dozer and a Cat CS56 smooth drum roller near / above station A4+00 to A6+00. The structural fill was compacted per method specification.

A John Deere 870 excavator and Cat 740 haul trucks were used to remove structural fill near station DD16+00 and FF10+00. The structural fill was placed as fill using a Cat D8 dozer and a Cat CS56 smooth drum roller at station DD4+00 – DD7+00. The structural fill was compacted per method specification.

A Cat D10 dozer placed structural fill between stations Q10+00 to E0+00. A Cat CS56 smooth drum roller compacted the fill per method specification.

A Cat D10 dozer and a Cat D9 dozer were used for cut material to be used as structural fill located at the ADR haul road near station 60+00. The slope was cut above the haul road fill and placed in 3 foot maximum lifts. The lifts were compacted per method specification by a Cat CS56 smooth drum vibratory roller.

A Cat D10 dozer was used to create a pad for blasting near DD4+00 to DD7+00.

A John Deere 1050J, a Cat D8t GPS, and a Cat D6 GPS dozer graded the slopes between stations HH0+00 to HH2+00 and FF24+00 to FF8+00.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for later removal / use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 47,000 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

A John Deere 870 excavator and Cat 777 haul trucks were used to transport clay till from the upper portion of the clay borrow area to the lower portion for processing.

Underdrain System:

Secondary Underdrain: No secondary underdrain was installed during this reporting period. Approximately, 5,064 feet of secondary underdrain has been completed to date in the VLF.

Primary Underdrain: Approximately, 300 lineal feet of the Primary Underdrain alignment was drilled and blasted in the bottom of the PSSA; however, no underdrain was installed.

To date, a total of 1,294.60 feet of primary underdrain has been completed.

Tree /Slash Grubbing and Clearing, Chipping:

No grubbing or clearing occurred during the week.

B) Underground Workings

Confirmation drilling occurred at underground working UG #6302 and UG #6003. Additional remediation work will be required.

The third layer of geogrid and select structural fill were started at Working UG # 6123. Work is to continue.

An unknown adit (UG #U6428) was found during the week while excavating structural fill. Preliminary findings indicate the adit is trending upslope. At this time it appears that confirmatory drilling will be required.

Working UG #6330 was located outside the leach pad. No remediation was performed.

The surface workings UG #6394 and UG #6319 were removed in cut operations. The sites are considered remediated.

Underground Workings U6106, 6329, U6335, U6340, U6388, U6389, , U6430, U6261 and 6289 were excavated to competent rock, backfilled with structural fill, and are considered remediated.

C) Historical Crib Wall / South MSE Wall:

A Cat 320 excavator was used to remove tailings from behind the timbers at the historic crib wall. The tailings were pushed down hill near station B16+00 where they were loaded out and used as fill. A Cat 320 excavator was also used to remove timber panels form the historic crib wall that were fastened together with steel backing straps and spikes.

Timber-panel installation continued at the South MSE wall.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) Field Activities: Observation of construction activities during this reporting period included: Slope grading and fill placement; Underground working remediation and drilling; Production drilling and blasting; Timber panel and tailing removal at the historic Crib Wall; Timber panel installation at the South MSE Wall; and Clay Soil Liner Fill—(SLF) and Drain Cover Fill (DCF) processing.

II) Laboratory Activities: Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material classification and identifications and field material sampling were performed during this reporting period.

DCF: Sample 51 was collected and returned to Amec's laboratory for analysis.
SLF Sample Number 94-S through 97-S were collected and returned to Amec's laboratory for analysis.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on January 29, 2014 with CC&V Projects, Amec, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, Amec and Ames.

Miscellaneous: None.

Deliveries: None

Submitted by: Eric Lorenson Date: 01 Feb. 2014
CQA Monitor

Reviewed By: Date: 2-6-14
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Rebalych Date: 2-6-14
CC&V Projects

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Jan 26	Jan 27	Jan 28	Jan 29	Jan 30	Jan 31	Feb 1
Tim Burkhard	-	PR	PR	PR	PR	-	-
Steve Rice	-	UG	UG	UG	UG	-	-
Ben Melly	-	ST	ST	ST	ST	-	-
Robert Redd	-	UG	UG	UG	-	-	-
Tyler Browning	-	-	ST	ST	ST	ST	-
Reggie Long	-	-	-	-	-	-	-
Eric Lorenson	-	ST	ST	ST	ST	ST	-
Razi Molloy	-	LT	LT	LT	LT	LT	-
Randy Johnson	-	-	-	-	-	-	-

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer

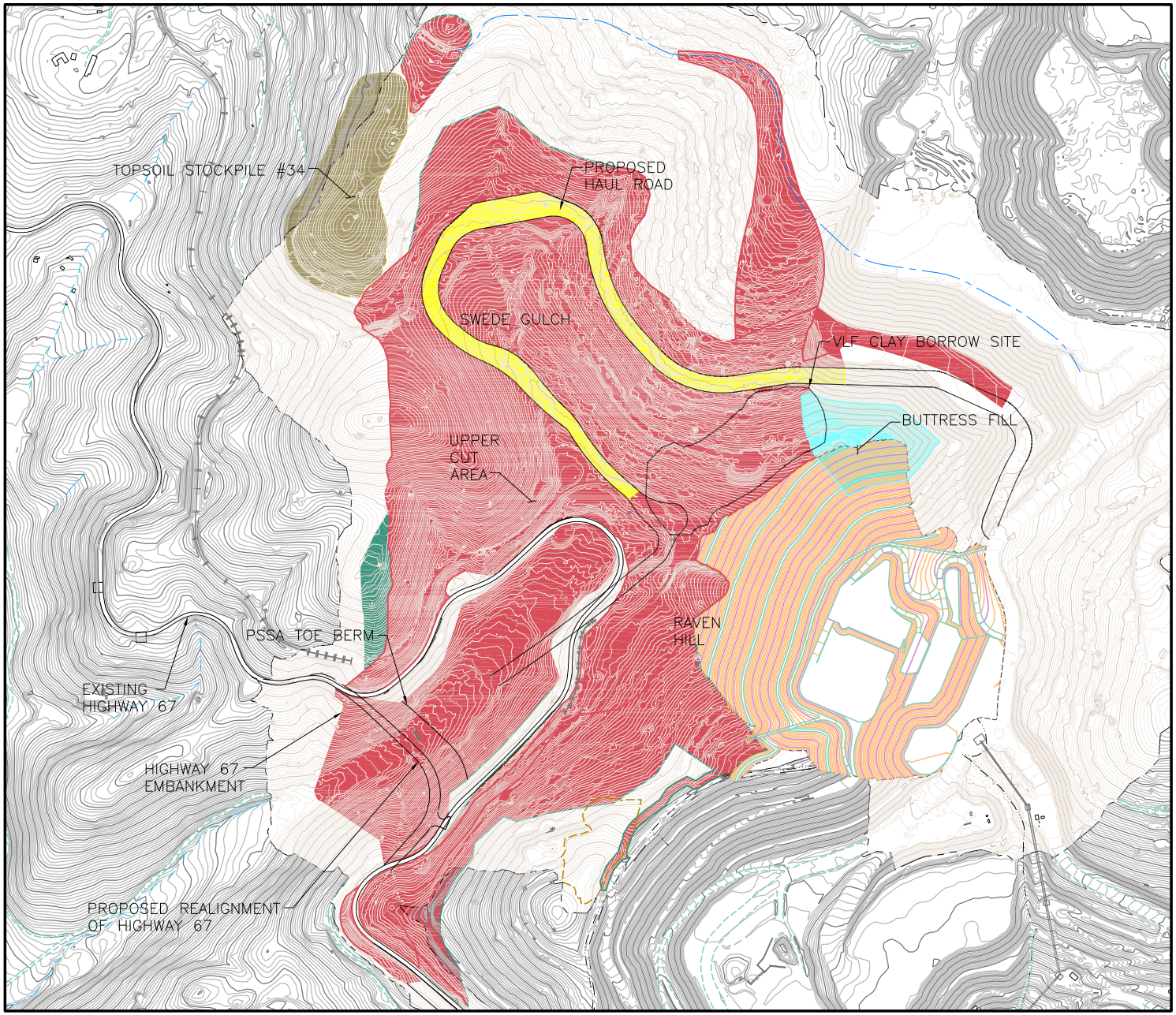
Photographs of daily activities:

Photo 1: Fill placement at the PSSA toe embankment..

Photo 2: Cut removal near station A14+00.

Photo 3: Placement of the final layer of geogrid at Underground Working UG 6123.

Photo 4: Tailings removal at the Crib Wall.



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE
- HAUL ROAD CUT/FILL
- BUTTRESS FILL

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED FOR ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
PROJECT	MLE 2 SQUAW GULCH
TITLE	CLEARING, GRUBBING AND FILL AREAS

amec

DESIGNED BY	RBR	CHECKED BY	EKL	DATE	
DRAWN BY	RBR	APPROVED BY	TRB	02/01/14	
FILENAME	–	FIGURE No.	1	REV	A

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner: Cripple Creek & Victor Gold Mining Co.
Project: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 2.08.2014

Reporting Period: 2.02.14 thru 2.08.14

Days	S	M	T	W	T	F	S
Work Shifts	-	D	W	D	D	D	D
	-	-	-	-	-	-	-

D = Day Shift H = Holiday W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: -3°F to 14°F
High: 15°F to 31°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy to overcast.
Precipitation: Snow on February 4
Wind: Variable

Ames: Continuing construction tasks for the Historical Crib Wall, South MSE Wall, and VLF.

Planning: Continuing construction activities and scheduling for Historical Crib Wall, South MSE Wall, and VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil stripping occurred.

Production drilling: Production drilling occurred during this reporting period within the VLF limits.

Production blasting: Two (2) production blasts occurred within the VLF.

Structural Fill:
Cat dozers fed a Cat 992G loader with structural fill from above and below the historical crib wall near stations B12+00 to B16+00 and near station A14+00. The structural fill was loaded into 777 haul trucks and transported to the buttress fill area adjacent to Dump 4. The structural fill was placed and compacted according to method specification.

A John Deere excavator loaded out structural fill from the base of the PSSA into Cat 740 haul trucks. The structural fill was hauled to the PSSA toe embankment and placed in approximately 24 to 36 inch lifts. A Cat D8 dozer also placed cut material used as structural fill at the PSSA west sliver fill. The structural fill came from the west slope of the PSSA and was placed in approximately 24 inch lifts. The structural fill was placed and compacted according to method specification.

A John Deere excavator, a Cat D8 GPS dozer, and Cat 740 haul trucks were used to cut the slope and remove material to be used as structural fill located near station A6+00 to A12+00. The structural fill was placed using a John Deere 1050 dozer and a Cat CS56 smooth drum roller near / above station A4+00 to A5+00. The structural fill was placed and compacted according to method specification.

A John Deere 870 excavator, a Cat D8 dozer and Cat 740 haul trucks removed shot rock from behind the historic crib wall. The shot rock was placed as structural fill at the ADR Haul road near stations 21+00 to 22+00. The structural fill was placed and compacted per method specification.

A Cat D8 GPS dozer was used to cut material from the slope for use as structural fill near station E2+00 to E6+00. The material was placed in approximately 36 inch lifts. The structural fill was placed and compacted per method specification.

Cat D10 dozers and a D8 GPS dozer rough graded the slope near stations C1+00 to C4+00 and pushed material down slope.

A Cat D10 dozer and a D8 GPS dozer rough graded the slope near stations P4+00 to P6+00 and pushed material down slope.

Note: An Amec field representative monitored structural fill material temperatures placed within the areas of fill during all shifts. Average structural fill temperatures were above 32°F.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for later removal / use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 53,600 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Secondary Underdrain: Approximately 70 feet of secondary underdrain was installed near station A6+00. Approximately, 5,134 feet of secondary underdrain has been completed to date in the VLF.

Primary Underdrain: Approximately, 180 lineal feet of the primary underdrain alignment was installed in the bottom of the PSSA.

To date, a total of 1,474.60 feet of primary underdrain has been completed.

Tree /Slash Grubbing and Clearing, Chipping:

Tree removal occurred near stations C1+00 to C4+00.

B) Underground Workings

Confirmation drilling and occurred at underground working U6428. Additional remediation work will be required.

Confirmation drilling and blasting occurred at underground working UG #6302 and UG #6003. Additional remediation work will be required.

The third layer of geogrid and select structural fill were finished at Working UG # 6123. The site is considered remediated.

C) Historical Crib Wall / South MSE Wall:

A Cat 320 excavator was used to remove tailings from behind the timbers at the historic crib wall. The tailings were pushed down hill near station B16+00 where they were loaded out and used as fill. A Cat 320 excavator was also

used to remove timber panels form the historic crib wall that were fastened together with steel backing straps and spikes.

Timber-panel installation continued at the South MSE wall.

II) **Storm Water Management**

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation and drilling; Production drilling and blasting; Timber panel and tailing removal at the historic Crib Wall; Timber panel installation at the South MSE Wall; and Clay Soil Liner Fill—(SLF) and Drain Cover Fill (DCF) processing.

II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material classification and identifications and field material sampling were performed during this reporting period.

DCF: Sample 52 and 53 were collected and returned to Amec's laboratory for analysis.
SLF Sample Number 98-S through 102-S were collected and returned to Amec's laboratory for analysis.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on February 5, 2014 with CC&V Projects, Amec, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, Amec and Ames.

Miscellaneous: None.

Deliveries: None

Submitted by: Eric Lorenson Date: 08 Feb. 2014
CQA Monitor

Reviewed By: _____ **Date:** 2-13-14
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: Scott _____ **Date:** 2-14-14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	Feb 2	Feb 3	Feb 4	Feb 5	Feb 6	Feb 7	Feb 8
Tim Burkhard	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	-	UG	UG	UG	UG	-
Ben Melly	-	ST	ST	ST	ST	ST	ST
Robert Redd	-	UG	UG	UG	UG	UG	-
Tyler Browning	-	-	ST	ST	ST	ST	-
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	LT
Andrea Meduna				SE			
Mike Nelson				PM			

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer

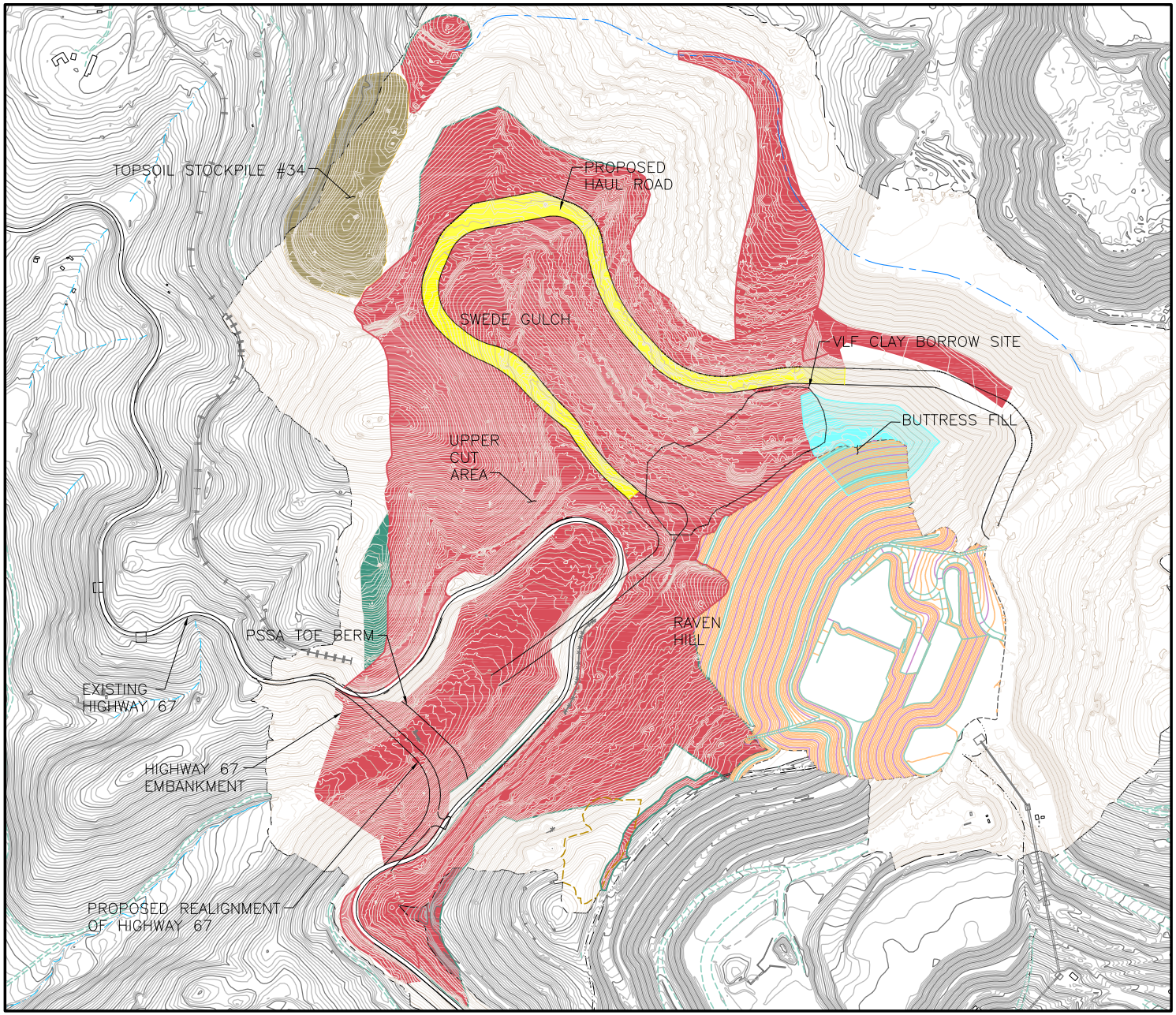
Photographs of daily activities:

Photo 1: Primary underdrain installation at the bottom of the PSSA.

Photo 2: Timber panel installation at the South MSE Wall.

Photo 3: Secondary underdrain installation near station A6+00.

Photo 4: Historic crib wall dismantling.



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE
- HAUL ROAD CUT/FILL
- BUTTRESS FILL

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED FOR ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
PROJECT	MLE 2 SQUAW GULCH
TITLE	CLEARING, GRUBBING AND FILL AREAS

amec

DESIGNED BY	RBR	CHECKED BY	EKL	DATE
DRAWN BY	RBR	APPROVED BY	TRB	02/08/14

FILENAME	FIGURE No.	REV
–	1	A

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner: Cripple Creek & Victor Gold Mining Co.
Project: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 2.15.2014

Reporting Period: 2.02.14 thru 2.08.14

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	-	-	-	-	-	-

D = Day Shift H = Holiday W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: 12°F to 31°F
High: 32°F to 42°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy to overcast.
Precipitation: Snow on February 10, 2014
Wind: Variable

Ames: Continuing construction tasks for the Historical Crib Wall, South MSE Wall, and VLF.

Planning: Continuing construction activities and scheduling for Historical Crib Wall, South MSE Wall, and VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil stripping occurred.

Production drilling: Production drilling occurred during this reporting period within the VLF limits.

Production blasting: Three (3) production blasts occurred within the VLF.

Structural Fill:
Cat dozers fed a Cat 992G loader with structural fill from above and below the historical crib wall near stations A22+00 to B14+00 and near station A14+00. The structural fill was loaded into 777 haul trucks and transported to the buttress fill area adjacent to Dump 4. The structural fill was placed and compacted according to method specification.

A John Deere excavator, a Cat D8 GPS dozer, and Cat 740 haul trucks were used to cut the slope and remove material to be used as structural fill located near stations A0+00 to A2+50 and A4+00 to A6+00. The structural fill was placed using a dozer and compacted with a smooth drum roller at the PSSA fill. The structural fill was placed and compacted according to method specification.

A John Deere 870 excavator and Cat 740 haul trucks removed shot rock near station C3+50. The shot rock was placed as structural fill near station C6+00. The structural fill was placed and compacted per method specification.

Cat dozers rough graded the slope and pushed down material from above stations DD6+00 to DD13+00 and FF6+00 to FF8+00. A John Deere 870 excavator and Cat 740 haul trucks removed the material for placement as

structural fill near stations DD4+00 to DD5+00 and FF0+00 to FF4+00. The structural fill was placed and compacted per method specification.

Dozers and a Cat 345 excavator rough graded the slope and pushed down material near stations C1+00 to C4+00 where it was stockpiled and later removed for use as structural fill.

A Cat D6 was rough grading the slope and pushed down material near stations A4+00 to A5+00 where it was stockpiled and later removed for use as structural fill.

Note: An Amec field representative monitored structural fill material temperatures placed within the areas of fill during all shifts. Average structural fill temperatures were above 32°F.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for later removal / use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 62,000 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Secondary Underdrain: No work occurred on the secondary underdrain.

Approximately, 5,134 feet of secondary underdrain has been completed to date in the VLF.

Primary Underdrain: Approximately, 280 lineal feet of the primary underdrain alignment was installed in the bottom of the PSSA.

To date, approximately 1,755 feet of primary underdrain has been completed.

Tree /Slash Grubbing and Clearing, Chipping:

A Cat 330 excavator was removing the remaining trees from stations P0+00 to P2+00 within the South Perimeter Road right-of-way. The trees were transported to Area 34 stockpile using a Cat 740 haul truck.

B) Underground Workings

Confirmation drilling was completed at underground working #U6428. Additional remediation work will be required.

Shot rock was removed from underground workings UG #6302 and UG #6003; both workings were backfilled. Underground working #6302 was prepared for a concrete plug and had 12 cubic yards of concrete placed in it. Additional remediation work will be required on both workings.

Underground workings UG #6320 and UG ~~#6334~~ were prepared for concrete plugs.

Underground workings UG # 6291, UG #6431, UG # 6309 and UG #6432 were removed during slope grading at the West Perimeter road and are considered remediated.

C) Historical Crib Wall / South MSE Wall:

A Cat 320 excavator was used to remove tailings from behind the timbers at the historic crib wall. The tailings were pushed down hill near station B16+00 where they were loaded out and used as fill. A Cat 320 excavator was also used to remove timber panels form the historic crib wall that were fastened together with steel backing straps and spikes. On February 13, 2014 the dismantling of the historic crib wall was completed.

Timber-panel installation continued at the South MSE wall.

II) **Storm Water Management**

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice). Furthermore, Ames cleaned out existing runoff containment sumps along the VLF haul roads and added three more sumps near the Rip Rap processing area.

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation and drilling; Production drilling and blasting; Timber panel and tailing removal at the historic Crib Wall; Timber panel installation at the South MSE Wall; and Rip Rap, Clay Soil Liner Fill (SLF) and Drain Cover Fill (DCF) processing.

II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

DCF Sample 54 and 55 were collected and returned to Amec's laboratory for analysis.

SLF Sample Number 103-S through 107-S were collected and returned to Amec's laboratory for analysis.

Clay samples from the WHEX area were returned to the Amec laboratory for analysis (possible clay source for soil liner fill).

A small sample of Rip Rap material was obtained for testing purposes at the Grizzly screening plant located at the Midway area above ADR haul road station 45+00. The material was found to be within specification limits (02271.0).

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on February 12, 2014 with CC&V Projects, Amec, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, Amec and Ames.

Miscellaneous:

A John Deere 870 excavator loaded shot rock for use as rip-rap into Cat 740 haul trucks near stations A3+00 to A6+50. The shot rock was transported to the portable screening plant (Grizzly) located adjacent to the "Midway" equipment staging area.

A Cat D6 was removing snow for about an hour from the bottom of the PSSA in preparation for closure drain drilling.

Deliveries: None

Submitted by: Eric Lorenson Date: 15 Feb. 2014
CQA Monitor

Reviewed By: _____ **Date:** 2-21-14
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: Scott Rudabaugh **Date:** 2-21-14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	Feb 9	Feb 10	Feb 11	Feb 12	Feb 13	Feb 14	Feb 15
Tim Burkhard	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	UG	UG	UG	UG	UG	-
Ben Melly	-	ST	ST	ST	ST	ST	-
Robert Redd	-	UG	-	UG	UG	UG	UG
Tyler Browning	-	-	-	ST	ST	-	ST
Eric Lorenson	-	-	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	-
Andrea Meduna				SE	SE	SE	
Mike Nelson				PM			

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer

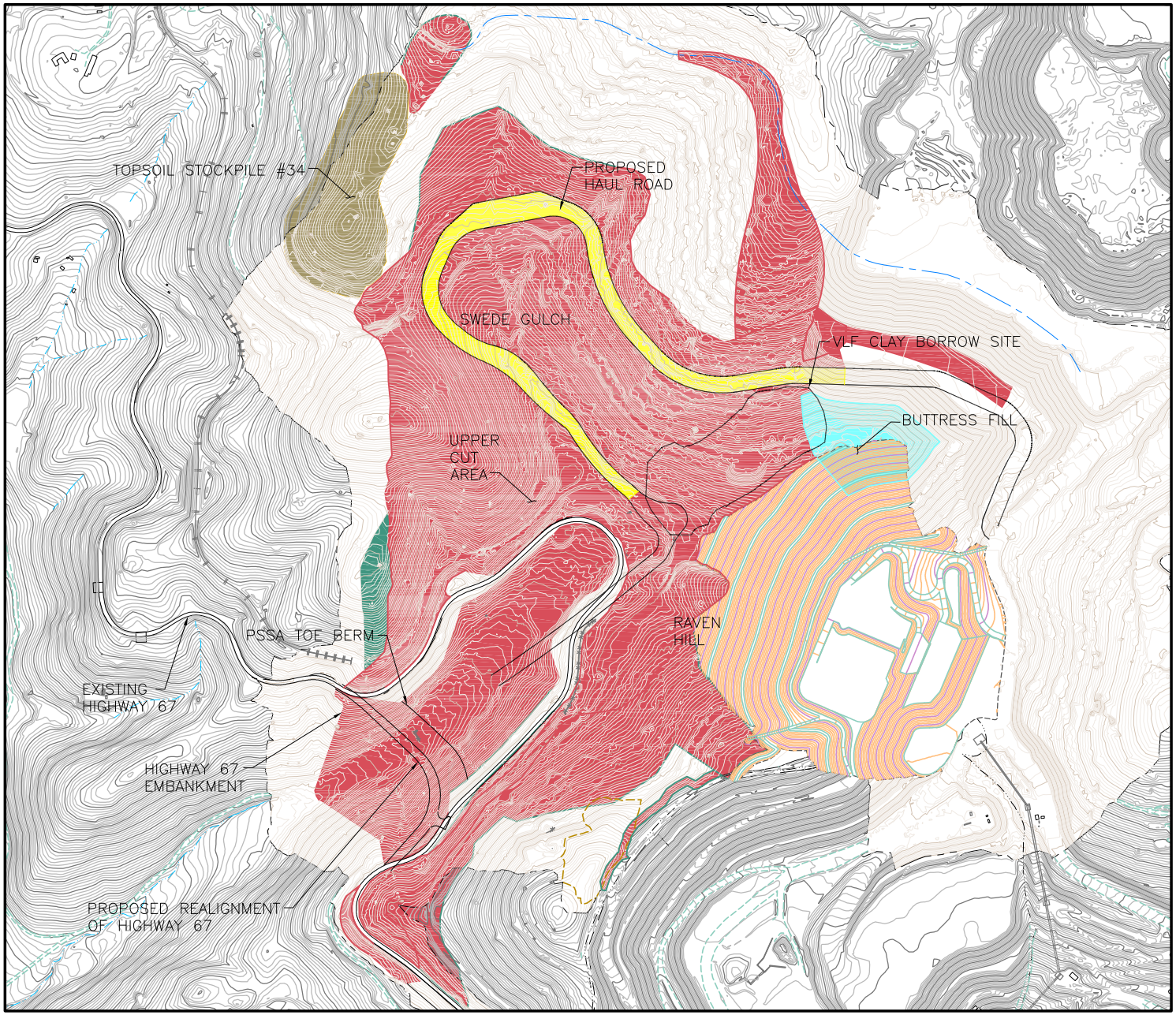
Photographs of daily activities:

Photo 1: Loading out fill from under the historic crib wall and production drilling.

Photo 2: Timber panel installation at the South MSE Wall.

Photo 3: Fill placement near station C6+00.

Photo 4: Concrete plug placement at Underground Working # 6302.



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE
- HAUL ROAD CUT/FILL
- BUTTRESS FILL

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED FOR ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
PROJECT	MLE 2 SQUAW GULCH
TITLE	CLEARING, GRUBBING AND FILL AREAS

amec

DESIGNED BY	RBR	CHECKED BY	EKL	DATE
DRAWN BY	RBR	APPROVED BY	TRB	02/15/14

FILENAME	FIGURE No.	REV
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CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner:	Cripple Creek & Victor Gold Mining Co.	**Project Number:**	**Date**
Project:	Squaw Gulch (VLF), Hwy 67 Realignment	74201125N0. ****. ****	2.22.2014
Location:	Cripple Creek & Victor Gold Mine, Colorado		
Contractor:	Ames Construction Co. Inc.		

Reporting Period: 2.16.14 through 2.22.14

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	-	-	-	-	-	-
D = Day Shift H = Holiday W = Weather Day							

Ambient Temperature Ranges for reporting period:
Low: 2°F to 26°F
High: 16°F to 43°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy
Precipitation: None
Wind: Variable

Ames: Continuing construction tasks for the Historical Crib Wall, South MSE Wall, and VLF.

Planning: Continuing construction activities and scheduling for Historical Crib Wall, South MSE Wall, and VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil stripping occurred.

Production drilling: Production drilling occurred during this reporting period within the VLF limits.

Production blasting: Five (5) production blasts occurred within the VLF.

Structural Fill:
Cat dozers fed a Cat 992G loader with structural fill from near stations A19+00 to A20+50 and stations B11+00 to B16+00. The structural fill was loaded into 777 haul trucks and transported to the buttress fill area adjacent to Dump 4 and to the ADR haul road between stations 50+00 to 56+00. The structural fill was placed and compacted according to project specification. A John Deere 850D excavator also dressed the rough grade on the outboard slope, with excess materials placed in structural fill on the road.

Cat dozers rough graded the slope and pushed down material from above stations DD6+00 to DD16+00 and FF8+00 to FF10+00. The material was stockpiled for removal.

A John Deere 870 excavator and Cat 740 haul trucks removed material for near stations FF8+00 to FF10+00 for placement as structural fill near stations FF0+00 to FF4+00. The structural fill was placed and compacted per method specification.

Dozers rough graded the slope and pushed down material near stations C2+00 to C5+00 where it was stockpiled.

A John Deere excavator and Cat 740 haul trucks were used to cut the slope and remove material near stations A0+00 to A4+00. A Cat 345 excavator and Cat 740 haul trucks were also used to remove material from the PSSA floor. The material from both locations was used as structural fill at the PSSA embankment area. The structural fill was placed using a dozer and compacted with a smooth drum roller according to project specification.

A Cat D10 dozer was ripping and mixing the existing structural fill on the ADR haul route from approximate stations 0+50 to 2+00. Previously stockpiled structural fill was pushed downslope and placed on the haul route surface in 18-24-inch loose lifts. The structural fill was placed and compacted per project specification.

A John Deere 870 excavator and Cat 740 haul trucks were used to cut and remove material located at the Phase 2 Diversion Channel near stations 14+00 to 15+50. The material was placed as structural fill below stations 31+00 to 32+00 at the Dump 4 toe. The structural fill was placed and compacted per project specification.

Dozers were placing fill near stations H28+00 to H30+00 in approximately 36-inch lifts. The material came from overbuilt structural fill removed from the slopes of the buttress fill area. The structural fill was placed and compacted according to the project specification.

Note: An Amec field professional monitored structural fill material temperatures placed within fill areas. Average structural fill temperatures were above 32°F.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for later removal and use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 68,873 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

By Saturday, February 22, 2014, all the clay till from the bottom portion of the Squaw Gulch clay borrow area had been processed and Ames began moving the processing plant to the upper portion of the clay borrow.

Underdrain System:

Secondary Underdrain: Approximately, 200 feet on secondary underdrain was installed adjacent to Dump 4 and about 100 feet of trench was excavated for secondary underdrain below ADR haul road station 23+00

Approximately, 5,334 feet of secondary underdrain has been completed to date in the VLF.

Primary Underdrain: No work occurred on the primary underdrain.

To date, approximately 1,755 feet of primary underdrain has been completed.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing or grubbing occurred.

B) Underground Workings

Confirmation drilling was completed at underground working #U6428 and the borings were surveyed. Additional remediation work will be required.

Underground workings UG #6033, UG #6324, UG #6325, UG #6326, UG # 6398, UG #6437, and UG #6438 were excavated to competent rock, backfilled and are considered remediated.

Underground workings UG #6320 and UG #6334 were prepared for and plugged with concrete.

Unknown workings UG #U6429, #U6398, and #U6436 were located within the clay plant relocation stockpile. They will require further investigation.

Drilling access was made to workings UG #U6424 and UG #6274 for confirmatory drilling at a later date.

Underground workings UG #U6394, UG #6434, and UG #6435 were removed during slope grading and are considered remediated.

Working UG #U6436 is located within the existing haul route. The site was investigated and a void was removed. The void was located within fill placed to provide haul route access. The site was backfilled. Once the slope is cut to grade, the site will be re-investigated to ensure nothing is present.

At working UG # U6334 (formerly U6394) a timbered drainage culvert was removed for approximately 100 lineal feet. The drainage culvert terminated at an apparent sediment pond and wooden drop structure. An appreciable amount of organic silt and some trash were found and removed. The working is considered remediated.

C) Historical Crib Wall / South MSE Wall:

On February 13, 2014 the dismantling of the historic crib wall was completed.

The final sets of timber-panels were placed at the South MSE wall. Ames anchored the timber panels to the concrete leveling pad at the base of the wall using a two part Hilti 200 epoxy and #5, grade 60, epoxy coated rebar with a 5-inch minimum embedment depth. The top of the timber panel facade needs to be anchored to the MSE wall to complete the installation.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (runoff from melting snow and ice).

CQA ACTIVITIES:

I) Field Activities: Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation; Production drilling and blasting; Timber panel installation and anchoring at the South MSE Wall; and Rip Rap, Clay Soil Liner Fill (SLF) and Drain Cover Fill (DCF) processing.

II) Laboratory Activities: Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

DCF Sample 56 and 57 were collected and returned to Amec's laboratory for analysis.

SLF Sample Number 108-S and 109-S were collected and returned to Amec's laboratory for analysis.

UF Sample Number 6-R and 7-R were collected and returned to Amec's laboratory for analysis.

SSF Sample Number 10-R was collected and returned to Amec's laboratory for analysis.

Note: Samples labeled with the suffix "R" are samples of Record / QA samples; those without are QC samples.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on February 19, 2014 with CC&V Projects, Amec, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, Amec, and Ames.

Miscellaneous: AK Drilling completed Closure Drain CD-1 and started drilling CD-2 at the bottom of the PSSA.

Deliveries: None

Submitted by: Eric Lorenson Date: 22 Feb. 2014
CQA Monitor

Reviewed By: _____ **Date:** 2-27-14
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: _____ **Date:** 2-28-14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	Feb 16	Feb 17	Feb 18	Feb 19	Feb 20	Feb 21	Feb 22
Tim Burkhard	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	UG	UG	UG	UG	UG	UG
Ben Melly	-	ST	ST	ST	ST	ST	ST
Robert Redd	-	UG	UG	UG	UG	UG	-
Tyler Browning	-	ST	ST	ST	ST	-	-
John Roberts		CD	CD	CD	CD	CD	CD
Eric Lorenson	-	ST	ST	ST	ST/CD	ST/CD	ST
Razi Molloy	-	LT	LT	LT	LT	LT	-
Chad Schreiner	-			ST			
Andrea Meduna	-			SE			

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer
CD = Closure Drain Geologist

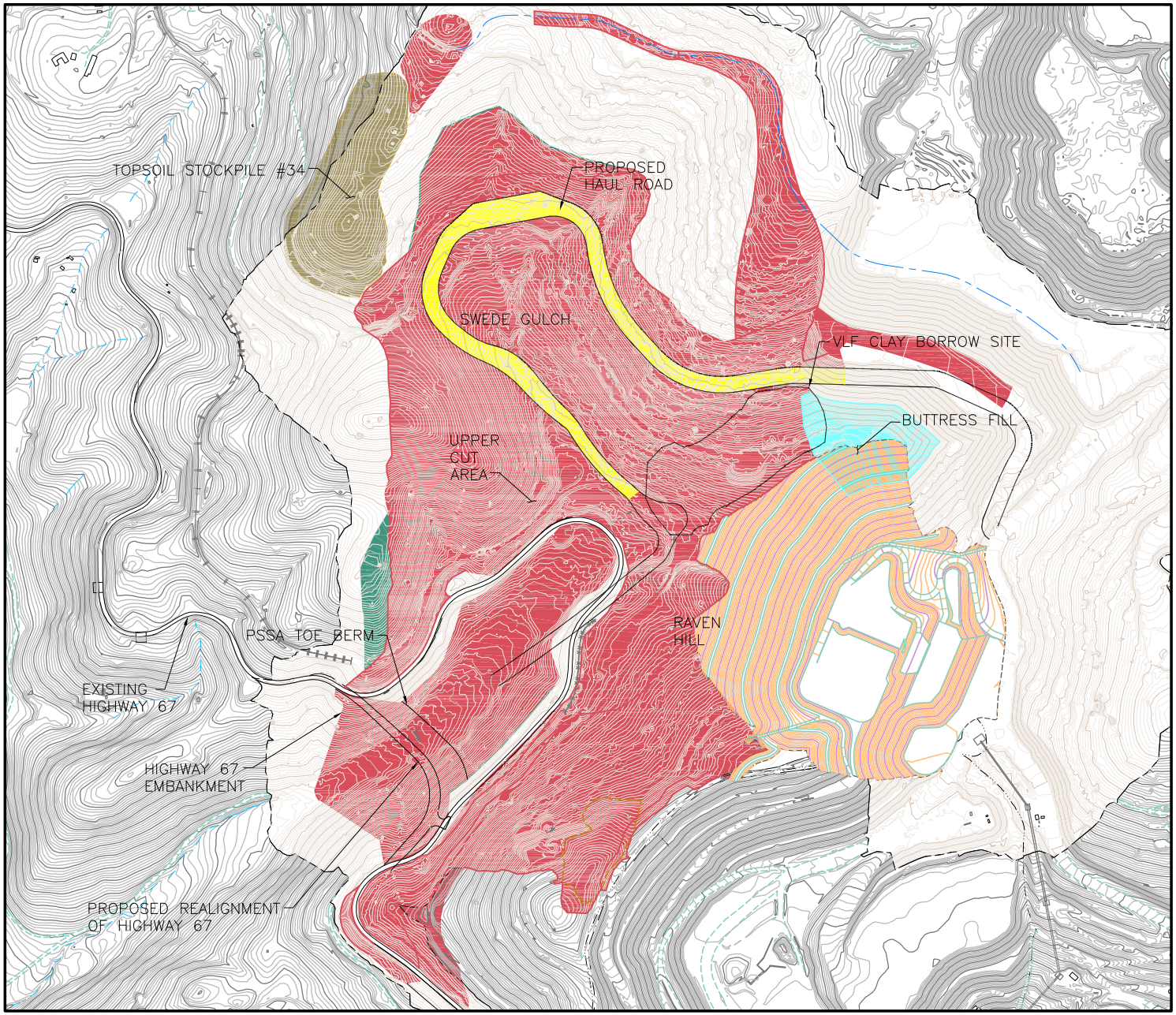
Photographs of daily activities:

Photo 1: UG # U6334 near the termination of the wood and timbered drainage culvert.

Photo 2: Fill placement at the PSSA toe berm embankment.

Photo 3: Excavating a trench for secondary underdrain below ADR Haul Road station 23+00.

Photo 4: Fill placement at the ADR Haul Road.



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE
- HAUL ROAD CUT/FILL
- BUTTRESS FILL

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED FOR ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
PROJECT	MLE 2 SQUAW GULCH
TITLE	CLEARING, GRUBBING AND FILL AREAS

amec

DESIGNED BY	RBR	CHECKED BY	EKL	DATE
DRAWN BY	RBR	APPROVED BY	TRB	02/22/14

FILENAME	FIGURE No.	REV
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CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner:	Cripple Creek & Victor Gold Mining Co.	**Project Number:**	**Date**
Project:	Squaw Gulch (VLF), Hwy 67 Realignment	74201125N0. ****. ****	01 March 2014
Location:	Cripple Creek & Victor Gold Mine, Colorado		
Contractor:	Ames Construction Co. Inc.		

Reporting Period: 2.23.14 through 3.1.14

Days	S	M	T	W	T	F	S
Work Shifts	D	D	D	D	D	D	D
	N	N	N	N	N	N	N

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: 11°F to 23°F
High: 31°F to 44°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy to overcast.
Precipitation: Snow Saturday, March 1, 2014
Wind: Variable

Ames: Continuing construction tasks for the South MSE Wall and VLF.

Planning: Continuing construction activities and scheduling for the South MSE Wall and VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (PSSA, Phase I, Phase II)

Topsoil / Overburden Stripping: No topsoil stripping occurred; however, an excavator shaped and packed the slopes of the Area 34 Topsoil Stockpile.

Production drilling: Production drilling occurred within the VLF limits.

Production blasting: Five (5) production blasts occurred within the VLF.

Structural Fill:
A Cat 992 loader removed material from near stations B13+00 to B14+00. The material was hauled to the ADR haul road fill near stations 39+00 to 65+00 in 777 haul trucks and was placed as structural fill by a Cat D9 dozer. Cat dozers also cut material from the slopes above the ADR Haul Road fill areas. The material was pushed down to the fill area, placed as structural fill, and compacted per the project specification.

A John Deere 850 excavator and Cat 740 haul trucks removed material from near stations DD18+00 and B3+00 to B4+00 for placement as structural fill near stations FF0+00 to FF2+00, DD0+00 to DD3+00, and DD8+00 to DD10+00. The structural fill was placed and compacted per method specification.

A John Deere 850 excavator loaded Cat 740 haul trucks with material from Dump 4 to the south of Ames' mechanic shops. The material was placed as structural fill near station I36+00 adjacent to Dump 4 in the Phase 2 Diversion Channel area. The structural fill was placed and compacted per method specification.

A Cat dozer cut the slope to rough grade near stations C1+00 to C4+00. Material from the cut was used as structural fill near stations C4+00 to C7+00. The fill was placed and compacted according to project specification.

A Cat dozers cut the slope to rough grade near stations A5+00 to A7+00, DD4+00 to DD6+00, H12+00 to H14+00, and DD10 to DD12+00.

A John Deere 870 excavator cut the slope to rough grade near stations A0+00 to A4+00.

Note: An Amec field professional monitored structural fill material temperatures placed within fill areas. Average structural fill temperatures were above 32° F.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for future use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 73,800 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Secondary Underdrain: Approximately, 175 feet of secondary underdrain was installed and tied into existing underdrain below ADR haul road station 23+00.

Approximately, 5,509 feet of secondary underdrain has been completed to date in the VLF.

Primary Underdrain: No work occurred on the primary underdrain.

To date, approximately 1,755 feet of primary underdrain has been completed.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing or grubbing occurred.

B) Underground Workings

Confirmation drilling was conducted at underground working UG #6082, UG #U6183, UG #6274, and UG#U6429. Additional remediation work will be required.

Underground workings UG #6442, UG #6443, and UG #6445 were excavated to competent rock, backfilled, and are considered remediated.

Cemented rock fill was placed in underground workings UG #6302, UG #6320, and UG #6433.

C) South MSE Wall:

No work occurred at the South MSE Wall. The top of the timber panel facade needs to be anchored to the MSE wall to complete the installation.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation and confirmatory drilling; Production drilling and blasting; Secondary underdrain installation; Closure drain installation; SLF and DCF processing; and 100-mil smooth LLDPE liner delivery and inventory.

II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

The following samples were collected and returned to AMEC's laboratory for analysis:

Drain Cover Fill sample numbers DCF 58 and DCF 59
Soil Liner Fill sample numbers SLF 110-S through SLF 112-S
Underdrain Fill sample number UF 8-R.
Structural Fill sample numbers SF 4-R through SF 19-R
Select Structural Fill sample number SSF 11-R

Clay Samples were also collected from Globe Hill in the WHEX area and returned to AMEC's Laboratory for Analysis.

Note: Samples labeled with the suffix "R" are samples of Record / QA samples; those without are QC samples.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on February 26, 2014 with CC&V Projects, AMEC, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, AMEC, and Ames.

Miscellaneous:

AK Drilling completed Closure Drain CD-2 and CD-3 at the bottom of the PSSA. CD-4 was abandon because of excessive down-hole alignment deviation during drilling.

Drain cover fill processing continued.

Rip rap processing did not occur but shot rock was transported to the rip rap processing area and stockpiled for later use.

Deliveries: Eight (8) truckloads consisting of 96 total rolls of 100 mil, smooth geomembrane liner were delivered to the site, recorded, and inventoried.

Submitted by: Eric Lorenson Date: 5 Mar. 2014
CQA Monitor

Reviewed By: _____ **Date:** 03/05/2014
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: _____ **Date:** 3/12/14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	Feb 23	Feb 24	Feb 25	Feb 26	Feb 27	Feb 28	Mar 01
Tim Burkhard		PR	PR	PR	PR	PR	
Steve Rice		UG	UG	UG	UG	UG	
Ben Melly		ST	ST	ST	ST	ST	ST
Robert Redd		UG	UG	UG	UG	UG	UG
Tyler Browning			ST	ST	ST	ST	ST
John Roberts		CD	CD	CD	CD	CD	CD
Eric Lorenson		ST	ST	ST	ST	ST	ST
Razi Molloy		LT	LT	LT	LT	LT	LT
Matt Hartz		CD	CD	CD	CD	CD	CD
Chad Schreiner		ST			ST	ST	
Randy Johnson							ST
Andrea Meduna				SE	SE	SE	

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer
CD = Closure Drain Geologist

Photographs of daily activities:

Photo 1: Secondary underdrain below ADR Haul Road station 23+00.

Photo 2: Liner delivery (100-mil smooth LLDPE).

Photo 3: Material removal at Dump 4 for use as structural fill.

Photo 4: Fill placement at the ADR Haul Road.

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner:	Cripple Creek & Victor Gold Mining Co.	**Project Number:**	**Date**
Project:	Squaw Gulch (VLF), Hwy 67 Realignment	74201125N0. ****. ****	08 March 2014
Location:	Cripple Creek & Victor Gold Mine, Colorado		
Contractor:	Ames Construction Co. Inc.		

Reporting Period: 3.2.14 through 3.8.14

Days	S	M	T	W	T	F	S
Work Shifts	D	D	D	D	D	D	D
	N	N	N	N	N	N	N

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: 17°F to 26°F
High: 31°F to 48°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy to overcast.
Precipitation: Snow Saturday, March 8, 2014
Wind: Variable

Ames: Continuing construction tasks for the VLF.

Planning: Continuing construction activities and scheduling for the VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (PSSA, Phase I, Phase II)

Topsoil / Overburden Stripping: No topsoil stripping occurred; however, Cat dozers shaped and packed the slopes of the Area 34 Topsoil Stockpile.

Production drilling: Production drilling occurred within the VLF limits.

Production blasting: Three (3) production blasts occurred within the VLF.

Structural Fill:
A Cat 992 loader removed material from near stations B10+00 to B16+00. The material was hauled to the ADR haul road fill; near STA 49+00 to 50+00, 57+00 to 62+00 and in the buttress fill area adjacent to Dump 4, in 777 haul trucks and was placed as structural fill by a Cat D9 dozer. Cat dozers also cut material from the slopes above the ADR Haul Road fill areas. The material was pushed down to the fill area; dozers keyed into the bank for subsequent lift placement, and a Cat 330 hammer broke down oversize material. The structural fill was placed and compacted per method specification.

A John Deere 850 excavator removed material from the top of Dump 4 and near the Phase 2 diversion channel, STA 34+00 and 35+00. This material was transported using Cat 740 haul trucks for placement as structural fill near stations K26+00 to K32+00 and I36+00 in the Phase 2 diversion channel area. The structural fill was placed and compacted per method specification.

Cat dozers cut the slope to rough grade between stations DD8+00 to DD10+00 and B10+00 to B12+00 and near stations Q16+00 and G1+00.

A John Deere 870 excavator loaded 740 haul trucks with structural fill from STA Q4+00. A Cat dozer cut the slope to rough grade near stations C1+00 to C4+00. Material from the cut was used as structural fill near stations C4+00 to C7+00. The transported structural fill was placed at stations C5+00 to C7+00. The structural fill was placed and compacted per method specification.

Note: An AMEC field professional monitored structural fill material temperatures placed within fill areas. Average structural fill temperatures were above 32° F.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for future use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 79,400 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Secondary Underdrain: No work occurred on the secondary underdrain.

Primary Underdrain: No work occurred on the primary underdrain.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing or grubbing occurred.

B) Underground Workings

Confirmatory drilling was conducted at underground working UG#6274. Additional remediation work will be required.

Underground workings UG#6294, UG#6293, UG#6292, UG#6295, UG#6297, UG#6448, UG#6449, UG#6450, UG#6401, UG#6442, UG#6443 and UG#6445 were excavated to competent rock, backfilled and are considered remediated.

Drill access was provided to underground workings UG#6112, UG#6119, UG#6273 and UG#6318.

C) South MSE Wall:

The top of the timber panel facade was anchored to the MSE wall to complete the installation.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation and confirmatory drilling; Production drilling and blasting; Closure drain installation; SF, SLF and DCF processing; and 100-mil smooth LLDPE liner delivery and inventory.

II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

The following samples were collected and returned to AMEC's laboratory for analysis:

Drain Cover Fill sample numbers DCF 60 and DCF 61
Soil Liner Fill sample numbers SLF 113-S through SLF 116-S
Structural Fill sample numbers SF 20-R through SF 33-R

Note: Samples labeled with the suffix "R" are samples of Record / QA samples; those without are QC samples.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on March 05, 2014 with CC&V Projects, AMEC, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, AMEC, and Ames.

Miscellaneous:
AK Drilling completed Closure Drain CD-4a, CD-5 and CD-6 at the bottom of the PSSA.

Drain cover fill processing continued.

Rip rap processing continued.

Deliveries: Nine (9) truckloads consisting of 108 total rolls of 100 mil, smooth geomembrane liner were delivered to the site, recorded, and inventoried. Grand total of 204 rolls of 100- mil smooth LLDPE geomembrane to date.

Submitted by: _____ **Date:** 03-12-2014
Bobby Redd, EI

Reviewed By: _____ **Date:** 03-12-2014
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: _____ **Date:** 3/12/14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	Mar 02	Mar 03	Mar 04	Mar 05	Mar 06	Mar 07	Mar 08
Tim Burkhard		PR	PR	PR	PR	PR	
Steve Rice		UG	UG	UG	UG	UG	UG
Ben Melly		ST	ST				
Robert Redd		UG	UG	UG	UG	UG	
Tyler Browning		ST	ST	ST	ST	ST	ST
John Roberts	CD	CD	CD	CD	CD	CD	CD
Eric Lorenson			ST	ST	ST	ST	ST
Razi Molloy		LT	LT	LT	LT	LT	LT
Matt Hartz	CD	CD	CD	CD	CD	CD	
Chad Schreiner		ST	ST	ST	ST	ST	
Andrea Meduna				SE			
Jessica Malone					CD	CD	CD

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer
CD = Closure Drain Geologist

Photographs of daily activities:

Photo 1: Large rock gradation on Structural Fill.

Photo 2: Liner delivery (100-mil smooth LLDPE).

Photo 3: Confirmatory drilling; UG# 6274.

Photo 4: Fill placement at the buttress fill.

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner:	Cripple Creek & Victor Gold Mining Co.	**Project Number:**	**Date**
Project:	Squaw Gulch (VLF), Hwy 67 Realignment	74201125N0. ****. ****	15 March 2014
Location:	Cripple Creek & Victor Gold Mine, Colorado		
Contractor:	Ames Construction Co. Inc.		

Reporting Period: 3.9.14 through 3.15.14

Days	S	M	T	W	T	F	S
Work Shifts	D	D	D	D	D	D	D
	N	N	N	N	N	N	-

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: 7°F to 35°F
High: 33°F to 53°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy to overcast.
Precipitation: Snow Tuesday, March 11, 2014
Wind: Variable

Ames: Continuing construction tasks for the VLF.

Planning: Continuing construction activities and scheduling for the VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (PSSA, Phase I, Phase II)

Topsoil / Overburden Stripping: No topsoil stripping occurred; however, Cat dozers shaped and packed the slopes of the Area 34 Topsoil Stockpile.

Production drilling: Production drilling occurred within the VLF limits.

Production blasting: Four (4) production blasts occurred within the VLF.

Structural Fill:
A Cat 992 loader removed material from near stations B12+00 to B17+00. The material was hauled to the ADR haul road fill; between STA H18+00 and H30+00 and in the buttress fill area adjacent to Dump 4, in 777 haul trucks and was placed as structural fill by a Cat D10R dozer. Cat dozers also cut material from the slopes above the ADR Haul Road fill areas. The material was pushed down to the fill area, placed as structural fill and compacted per the project specification.

A John Deere 850 excavator removed material from the top of Dump 4 and near the Phase 2 diversion channel, STA 32+00 and 35+00. This material was transported using Cat 740 haul trucks for placement as structural fill near stations K26+00 to K30+00 in the Phase 2 diversion channel area. The structural fill was placed and compacted per method specification.

Cat dozers cut the slope to rough grade near between stations G2+00 to G3+00, H8+00 to H12+00, K31+00 to K33+00, P4+00 to P6+00 and DD6+00 to B14+00.

A John Deere 870 excavator loaded 740 haul trucks with shot rock from STA Q6+00. The material was transported to the rip rap plant for processing.

A John Deere 870 excavator loaded 740 haul trucks with clay rejects. This material was transported for use as structural fill between STA H28+00 to H30+00. The structural fill was placed and compacted per method specification.

Note: An AMEC field professional monitored structural fill material temperatures placed within fill areas. Average structural fill temperatures were above 32° F.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for future use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 84,432 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Secondary Underdrain: No work occurred on the secondary underdrain.

Primary Underdrain: No work occurred on the primary underdrain.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing or grubbing occurred.

B) Underground Workings

Confirmatory drilling was completed at underground working UG#6274. Additional remediation work will be required.

Confirmatory drilling was conducted at underground working UG#6318. Additional access is required to complete confirmatory drilling.

Confirmatory drilling was conducted at underground working UG#6273. A significant amount of voids were found. Confirmatory drilling will continue.

A Cat 320 excavator was used to fill underground working UG#6153. Seventeen (17) Cat 740 haul truck loads; 399 yd^3 of coarse shaft backfill material, was placed into the working. A corrugated metal pipe was removed to prepare the working for a concrete plug.

Blasting of previously drilled underground workings; UG#6183, UG#6428 and UG#6429.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation, confirmatory drilling and blasting; Production drilling and blasting; Closure drain installation; ½:1 grout placement and testing, SF, SLF and DCF processing; 100-mil LLDPE SSMS geomembrane and LDPE 5mm weld rod delivery and inventory.

II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density relationships, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

The following samples were collected and returned to AMEC's laboratory for analysis:

Drain Cover Fill sample numbers DCF 62
Soil Liner Fill sample numbers SLF 117-S through SLF 120-S
Structural Fill sample numbers SF 34-R through SF 45-R
Test pit samples for Soil Liner Fill resource above the rip rap processing area

Note: Samples labeled with the suffix "R" are samples of Record / QA samples; those without are QC samples.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on March 12, 2014 with CC&V Projects, AMEC, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, AMEC, and Ames.

Miscellaneous:

AK Drilling began drilling Closure Drain CD-7 at the bottom of the PSSA.

Drain cover fill processing continued.

Rip rap processing continued.

Deliveries: Eight (8) truckloads consisting of 96 total rolls of 100 mil LLDPE SSMS geomembrane and 150 spools of LDPE 5mm weld rod were delivered to the site, recorded, and inventoried.

Submitted by: _____ **Date:** 03-17-2014
Bobby Redd, EI

Reviewed By: _____ **Date:** 03-18-2014
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: _____ **Date:** 3-19-14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	Mar 09	Mar 10	Mar 11	Mar 12	Mar 13	Mar 14	Mar 15
Tim Burkhard		PR	PR	PR	PR		
Steve Rice		UG	UG	UG	UG		
Robert Redd			UG	UG	UG		
Tyler Browning		ST	ST	ST	ST		
John Roberts	CD	CD	CD	CD	CD	CD	CD
Eric Lorenson		ST	ST	ST	ST		
Razi Molloy		LT	LT	LT	LT		
Matt Hartz			CD	CD	CD	CD	
Chad Schreiner		ST	ST	ST	ST		
Andrea Meduna				SE			
Jessica Malone	CD	CD	CD				

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer
CD = Closure Drain Geologist

Photographs of daily activities:

Photo 1: Structural fill placement for ADR haul road.

Photo 2: Liner delivery (100-mil LLDPE SSMS).

Photo 3: Loading Cat 740 haul trucks near Dump 4.

Photo 4: UG#6153; removing CMP, prepping for concrete plug.

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner:	Cripple Creek & Victor Gold Mining Co.	**Project Number:**	**Date**
Project:	Squaw Gulch (VLF), Hwy 67 Realignment	74201125N0. ****. ****	22 March 2014
Location:	Cripple Creek & Victor Gold Mine, Colorado		
Contractor:	Ames Construction Co. Inc.		

Reporting Period: 3.16.14 through 3.22.14

Days	S	M	T	W	T	F	S
Work Shifts	D	D	D	D	D	D	D
	-	-	-	-	-	N	N

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: 9°F to 26°F
High: 24°F to 50°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy to overcast.
Precipitation: Snow Tuesday, March 18, 2014 and Saturday, March 22, 2104
Wind: Variable

Ames: Continuing construction tasks for the VLF.

Planning: Continuing construction activities and scheduling for the VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (PSSA, Phase I, Phase II)

Topsoil / Overburden Stripping: No topsoil stripping occurred; however, Cat and John Deere dozers shaped and packed the slopes of the Area 34 Topsoil Stockpile.

Production drilling: Production drilling occurred within the VLF limits.

Production blasting: Four (4) production blasts occurred within the VLF.

Structural Fill:
A Cat 992 loader removed material from near STA A10+00 to A12+00 and B12+00 to B17+00. The material was hauled to the ADR haul road fill; between STA H16+00 and H30+00 and in the buttress fill area adjacent to Dump 4, in 777 haul trucks and was placed as structural fill by Cat dozers. Cat dozers also cut material from the slopes above the ADR Haul Road fill areas. The material was pushed down to the fill area, placed as structural fill and compacted per the project specification.

A John Deere 850 excavator removed material from STA A19+50 to A20+50. This material was transported using Cat 740 haul trucks for placement as structural fill near STA H28+00 to H29+00. The structural fill was placed and compacted per method specification.

A John Deere 870 excavator removed material from STA Q4+00 to Q6+00. This material was transported using Cat 740 haul trucks for placement as structural fill near STA 47+50 to 48+00 of the ADR haul road. The structural fill was placed and compacted per method specification.

Cat dozers cut the slope to rough grade near between stations A4+00 to A6+00, B10+00 to B12+00, F8+00 to F10+00, and DD6+00 to DD16+00.

A John Deere 870 excavator loaded 740 haul trucks with shot rock from STA C6+00. The material was transported to the rip rap plant for processing.

A John Deere 870 excavator loaded 740 haul trucks with clay rejects. This material was transported for use as structural fill between STA H28+00 to H30+00. The structural fill was placed and compacted per method specification.

Note: An AMEC field professional monitored structural fill material temperatures placed within fill areas. Average structural fill temperatures were above 32° F.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for future use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 94,417 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Secondary Underdrain: A Cat 320 excavator completed the tie-in to the previously constructed portion of secondary underdrain near STA H2+00. The underdrain was continued upslope approximately 100 feet. Installation followed project specification. Construction of secondary underdrain is not complete in this area.

Primary Underdrain: A Cat 320 excavator reworked the underdrain trench between STA 14+00 and 15+00 to tie it together.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing or grubbing occurred.

B) Underground Workings

UG#6153: Previously filled with coarse shaft backfill; however, a cave-in occurred, requiring additional material to be placed into the working. A Cat 330 excavator was used to fill the underground working with coarse shaft backfill. Four (4) Cat 740 haul truck loads; 96 yd^3 of coarse shaft backfill material, was placed into the working. Backfill not complete; remediation efforts to be continued.

UG#6274: Blasting of previously drilled underground working.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation; Production drilling and blasting; Closure drain installation; ½:1 grout placement and testing, UF, SSF, DCF and SLF processing; 100-mil LLDPE SSMS geomembrane and LDPE 5mm weld rod delivery and inventory.

II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density relationships, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

The following samples were collected and returned to AMEC's laboratory for analysis:

Underdrain fill sample numbers UF-9
Select structural fill sample numbers SSF-12
Drain Cover Fill sample numbers DCF 63 through DCF 64
Soil Liner Fill sample numbers SLF 121-S through SLF 124-S

Note: Samples labeled with the suffix "R" are samples of Record / QA samples; those without are QC samples.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on March 19, 2014 with CC&V Projects, AMEC, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, AMEC, and Ames.

Miscellaneous:
AK Drilling completed drilling Closure Drain CD-9 at the bottom of the PSSA.

Drain cover fill processing continued.

Rip rap processing continued.

Deliveries: Three (3) truckloads consisting of 36 rolls of 100 mil LLDPE SSMS geomembrane and 60 spools of LDPE 5mm weld rod were delivered to the site, recorded, and inventoried.
Total received to date: 132 total rolls of 100 mil LLDPE SSMS geomembrane and 210 total spools of LDPE 5mm weld rod.

Submitted by: _____ **Date:** 03-24-2014
Bobby Redd, EI

Reviewed By: _____ **Date:** 03-26-2014
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: _____ **Date:** 3-26-14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	Mar 16	Mar 17	Mar 18	Mar 19	Mar 20	Mar 21	Mar 22
Tim Burkhard		PR	PR	PR	PR	PR	PR
Steve Rice			UG	UG	UG	UG	
Robert Redd		UG	UG	UG	UG	UG	UG
Tyler Browning			ST	ST	ST	ST	ST
John Roberts	CD	CD	CD				
Eric Lorenson		ST	ST	ST	ST	ST	
Razi Molloy		LT	LT	LT	LT	LT	
Matt Hartz						CD	CD
Chad Schreiner		ST	ST	ST	ST	ST	
Andrea Meduna				SE			
Jessica Malone				CD	CD	CD	CD

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer
CD = Closure Drain Geologist

Photographs of daily activities:

Photo 1: Loading Cat 777 haul trucks with structural fill.

Photo 2: Structural fill placement for ADR haul road.

Photo 3: Liner delivery (100-mil LLDPE SSMS).

Photo 4: Installing precast manhole vault, flowmeter and valve at water stand pond tie-in.

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner: Cripple Creek & Victor Gold Mining Co.
Project: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 29 March 2014

Reporting Period: 3.23.14 through 3.29.14

Days	S	M	T	W	T	F	S
Work Shifts	D	D	D	D	D	D	D
	N	N	N	-	-	-	-

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: 19°F to 27°F
High: 26°F to 51°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy.
Precipitation: Light Snow Thursday, March 27, 2014
Wind: Variable

Ames: Continuing construction tasks for the VLF.

Planning: Continuing construction activities and scheduling for the VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (PSSA, Phase I, Phase II)

Topsoil / Overburden Stripping: No topsoil stripping occurred; however, Cat and John Deere dozers shaped and packed the slopes of the Area 34 Topsoil Stockpile.

Production drilling: Production drilling occurred within the VLF limits.

Production blasting: Five (5) production blasts occurred within the VLF.

Structural Fill:
A Cat 992 loader removed material from near STA A14+00 to A20+00 and B10+00 to B16+00. The material was hauled to the ADR haul road fill; between STA H23+00 and H30+00 and in the buttress fill area adjacent to Dump 4, in 777 haul trucks and was placed as structural fill by Cat dozers. Cat dozers also cut material from the slopes above the ADR Haul Road fill areas. The material was pushed down to the fill area, placed as structural fill and compacted per the project specification.

A John Deere 850 excavator removed material from the ½1 slope. This material was transported to the rip rap plant for processing using Cat 740 haul trucks.

A John Deere 870 excavator removed material from STA A20+00 to A21+00, STA C2+00 and STA 15+00 of the ADR haul road. This material was transported using Cat 740 haul trucks for placement as structural fill in the buttress fill location. The structural fill was placed and compacted per method specification.

Two (2) Cat D10 dozers, a Cat 330 excavator and a Cat 330 hammer were working the ½1 slope. A John Deere 870 excavator removed material from the west side of the ½1 slope. This material was transported using Cat 740 haul trucks for placement as structural fill on the PSSA embankment. The structural fill was placed and compacted per method specification.

Cat dozers cut the slope to rough grade near between stations A16+00 to A19+00, B12+00 to B15+00 and DD16+00 to DD19+00.

A Cat D10 dozer and a Cat 330 hammer cut the PSSA pond floor to grade. A John Deere 870 excavator loaded 740 haul trucks with structural fill material from the PSSA pond floor. The material was transported to PSSA embankment fill. The structural fill was placed and compacted per method specification.

Note: An AMEC field professional monitored structural fill material temperatures placed within fill areas. Average structural fill temperatures were above 32° F.

Clay (SLF) Processing:
Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for future use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 100,541 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:
Primary Underdrain: No work occurred on the primary underdrain.

Secondary Underdrain: No work occurred on the secondary underdrain.

Tree /Slash Grubbing and Clearing, Chipping:
No clearing or grubbing occurred.

B) Underground Workings

UG#6153: (UG#5012) Known surface working.
The working was excavated to competent rock. Backfilled with onsite structural fill in 12-18 inch loose lifts. Each lift was compacted using the excavator bucket to practical refusal. Site remediated.
1 Cat 330 excavator = 1.5 hours T&M

UG#6428: Unknown adit.
Previously shot rock removed using Cat excavators. Not complete; remediation efforts to be continued.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation; Production drilling and blasting; Closure drain installation; ½:1 grout placement and testing, SF, DCF and SLF processing; 100-mil LLDPE SSMS geomembrane and LDPE 5mm weld rod delivery and inventory.

II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density relationships, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

The following samples were collected and returned to AMEC's laboratory for analysis:

Structural fill sample numbers SF-46R through SF-51R
Drain Cover Fill sample numbers DCF 65 and DCF 66
Soil Liner Fill sample numbers SLF 125-S through SLF 128-S
Cast grout cubes for strength testing from the ½:1 slope

Note: Samples labeled with the suffix "R" are samples of Record / QA samples; those without are QC samples.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on March 26, 2014 with CC&V Projects, AMEC, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, AMEC, and Ames.

Miscellaneous:
Closure drain installation completed by AK Drilling at the bottom of the PSSA.

Drain cover fill processing continued.

Rip rap processing continued.

Deliveries: One (1) truckload consisting of 12 rolls of 100 mil LLDPE SSMS geomembrane and 20 spools of LDPE 5mm weld rod were delivered to the site, recorded, and inventoried.
Total received to date: 204 rolls of 100-mil smooth LLDPE geomembrane.
144 total rolls of 100-mil LLDPE SSMS geomembrane.
230 total spools of LDPE 5mm weld rod.

Submitted by: _____ **Date:** 04-01-2014
Bobby Redd, EI

Reviewed By: _____ **Date:** 04-02-2014
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: _____ **Date:** 4-2-14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	Mar 23	Mar 24	Mar 25	Mar 26	Mar 27	Mar 28	Mar 29
Tim Burkhard		PR	PR	PR	PR	PR	
Robert Redd		UG	UG	UG	UG	UG	UG
Tyler Browning		ST	ST	ST	ST	ST	ST
John Roberts	CD	CD	CD				
Eric Lorenson							
Razi Molloy		LT	LT	LT	LT	LT	
Matt Hartz	CD	CD	CD				
Chad Schreiner		ST	ST	ST	ST	ST	ST
Randy Johnson							ST
Andrea Meduna				SE			

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer
CD = Closure Drain Geologist

Photographs of daily activities:

Photo 1: Loading Cat 777 haul trucks with structural fill.

Photo 2: Structural fill placement.

Photo 3: Structural fill placement.

Photo 4: Installing HDPE pipe for water stand pond.

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner: Cripple Creek & Victor Gold Mining Co.
Project: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 05 April 2014

Reporting Period: 3.30.14 through 4.05.14

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	-	-	-	-	-	-

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: 15°F to 27°F
High: 28°F to 43°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy.
Precipitation: Snow April 3 and April 5, 2014
Wind: Variable

Ames: Continuing construction tasks for the VLF.

Planning: Continuing construction activities and scheduling for the VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (PSSA, Phase I, Phase II)

Topsoil / Overburden Stripping: No topsoil stripping occurred; however, a Cat D7 GPS dozer was used to perform stability grading on the southern slopes of the Area 34 topsoil stockpile.

Production drilling: Production drilling occurred within the VLF limits.

Production blasting: Five (5) production blasts occurred within the VLF.

Structural Fill:
A Cat 992 loader removed material from below stations A16+00 to A20+00 and B10+00 to B16+00. The material was hauled to the ADR haul road fill and the buttress fill area above and between stations H22+00 and H30+00 in Cat 777 haul trucks and was placed as structural fill by Cat dozers. The material was pushed down to the fill area, placed as structural fill and compacted per project specification.

A Cat 320 excavator and a Cat 330 hammer worked on cutting the ½:1 slope to grade while a Cat dozer stockpiled the cut material for removal. A John Deere 870 excavator removed the material from the ½:1 slope. The material was transported using Cat 740 haul trucks for placement as structural fill in the buttress fill location near stations H23+00 and H30+00, the PSSA Embankment fill, and the Midway fill near station H0+00 to H1+00. The structural fill was placed and compacted per method specification. Select loads were also transported to the rip rap pre-screen stockpile for processing.

A Cat D10 dozer and a Cat 330 hammer cut the PSSA pond floor to grade. A John Deere 870 excavator loaded 740 haul trucks with structural fill material from the PSSA pond floor. The material was transported to PSSA embankment fill. The structural fill was placed and compacted per method specification.

A John Deere 850 excavator also removed material from the ½:1 slope. This material was transported to the rip rap plant for processing using Cat 740 haul trucks and to the PSSA embankment area for use as structural fill. Structural fill was placed with Cat dozers and compacted with a Cat CS56 smooth drum roller per project specification.

Cat dozers cut the slope to rough grade near stations A16+00 to A20+00, C2+00 to C4+00, and B12+00 to B15+00.

A Cat GPS D7 dozer rough graded the southwest slopes of the PSSA below station A0+00 to A4+00 and a Cat CS56 smooth drum roller compacted the finished subgrade slopes afterwards.

A Cat GPS D7 and a Cat D8 dozer rough graded the southern half of the PSSA floor.

A Cat 330 excavator, a Cat 928 loader, a Cat CS56 smooth drum compactor, and Cat D6 dozer were used build the slopes behind the MSE wall at the water storage pond.

Note: An AMEC field professional monitored structural fill material temperatures placed within fill areas. Average structural fill temperatures were above 32°F and snow removal occurred prior to fill placement.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for future use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 101,700 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Primary Underdrain: No work occurred on the primary underdrain.

Secondary Underdrain: Approximately 150 lineal feet of secondary underdrain was installed adjacent to Dump 4 near station J2+00.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing or grubbing occurred.

B) Underground Workings

UG #U6315 Unknown Adit:

Confirmatory drilling was used to identify the adit location. Then a Hitachi 200 excavator and a Cat D10 were used to remove approximately 100 lineal feet of the adit's crown pillar that crossed near the ADR haul road near station 8+00. The adit was excavated to competent rock and backfilled with structural fill using the excavator. Additional remediation work is required.

UG #U6318 Unknown Adit:

Three additional holes were drilled to 50 feet using a Tamrock 700 drill (9 total borings). No voids were identified. Additional remediation work is required.

UG#U6428 Unknown adit:

A Cat 330 excavator removed shot rock from the working and began backfilling it with structural fill. The structural

fill was placed in 18 to 24 inch lifts and compacted with the excavator bucket. Additional remediation work is required.

UG #U6274 Unknown Adit and shaft:
A Cat 345 excavator was used to excavte approximately 75 feet lineal feet of the adit to competent rock and to expose the shaft. The shaft was prepared for a concrete plug. Additional remediation work is required.

UG #U6493 Unknown Shaft:
A Cat 330 excavator backfilled the working with structural fill. The structural fill was placed in 18 to 24 inch lifts and compacted with the excavator bucket. The working is considered remediated.

UG #U6156 Unknown Adit:
A Cat 330 excavator excavated the adit approximately 60 lineal feet to competent rock. The working was backfilled with structural fill. The structural fill was placed in 18 to 24 inch lifts and compacted with the excavator bucket. The working is considered remediated.

UG #U6183 known collapsed adit:
A Cat 330 excavator removed shot rock from the working and the backfilled it with structural fill. The structural fill was placed in 18 to 24 inch lifts and was compacted with the excavator bucket. The working is considered remediated.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) Field Activities: Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation and confirmatory drilling; Production drilling and blasting; Water pond construction; Secondary underdrain installation; Testing and sampling for ½:1 slope grout, SF, DCF and SLF; 100-mil LLDPE SSMS geomembrane and LDPE 5mm weld rod delivery and inventory.

II) Laboratory Activities: Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density relationships, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

The following samples were collected and returned to AMEC's laboratory for analysis:

Structural fill sample numbers SF-52R through SF-67R
Drain Cover Fill sample numbers DCF 67 and DCF 69
Soil Liner Fill sample number SLF 129-S
Cast grout cubes for strength testing from the ½:1 slope

Note: Samples labeled with the suffix "R" are samples of Record / QA samples; those without are QC samples.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on April 2, 2014 with CC&V Projects, AMEC, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, AMEC, and Ames.

Miscellaneous:
Drain cover fill processing continued.

Rip rap processing continued.

Deliveries: Five (5) truckloads consisting of 60 rolls of 100 mil LLDPE SSMS geomembrane and 40 spools of LDPE 5mm weld rod were delivered to the site, recorded, and inventoried.
Total received to date: 204 rolls of 100-mil smooth LLDPE geomembrane.
204 total rolls of 100-mil LLDPE SSMS geomembrane.
270 total spools of LDPE 5mm weld rod.

Submitted by: Eric Lorenson **Date:** 04-08-2014

Reviewed By: **Date:** 04-08-2014
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: **Date:** 4-9-14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	Mar 30	Mar 31	April 1	April 2	April 3	April 4	April 5
Tim Burkhard		PR	PR	PR	PR	PR	PR
Ben Melly		ST	ST	ST	ST	ST	ST
Robert Redd		UG	UG	UG	UG		
Tyler Browning		ST	ST	ST	ST		
Eric Lorenson		ST	ST	ST	ST	ST	ST
Razi Molloy		LT	LT	LT	LT	LT	
Chad Schreiner		ST					
Randy Johnson							ST
Mike Nelson						PM	
Andrea Meduna				SE		SE	
Rich Weber						PL	

LEGEND:

PL = Project Lead
PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer

Photographs of daily activities:

Photo 1: Confirmatory drilling at UG working #U6318.

Photo 2: Rough grading on the south side of the PSSA floor.

Photo 3: Installing secondary underdrain.

Photo 4: Subgrade finish grading and compaction at the PSSA.

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner: Cripple Creek & Victor Gold Mining Co.
Project: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 12 April 2014

Reporting Period: 4.06.14 through 4.12.14

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	-	-	-	-	-	-

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
High: 36°F to 58°F
Low: 34°F to 27°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy to overcast.
Precipitation: Snow April 7, 2014
Wind: Variable

Ames: Continuing construction tasks for the VLF.

Planning: Continuing construction activities and scheduling for the VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (PSSA, Phase I, Phase II)

Topsoil / Overburden Stripping: No topsoil stripping occurred.

Production drilling: Production drilling occurred within the VLF limits.

Production blasting: Four (4) production blasts occurred within the VLF.

Structural Fill:
A Cat 992 loader removed material from down slope of stations B8+00 to B10+00 and ADR Haul Road stations 5+00 to 10+00. The material was hauled in Cat 777 haul trucks to the ADR haul road fill near stations 51+00 to 54+00 and the buttress fill down slope from stations J6+00 to J10+00 and J12+00 to J14+00 and was placed as structural fill by Cat dozers. The structural fill was placed and compacted per project specification.

A Cat 320 excavator and a Cat 330 hammer worked on cutting the ½:1 slope to grade while a Cat dozer stockpiled the cut material for removal. A John Deere 870 excavator removed the material from the ½:1 slope between station A0+00 and the Highway 67 tie-in on the Cripple Creek side. The material was transported using Cat 740 haul trucks for placement as structural fill in the buttress fill down slope of stations J6+00 to J14+00, the Midway fill upslope of stations H0+00 to H2+00, and at the PSSA embankment fill. The structural fill was placed and compacted per method specification. Select loads were also transported to the rip rap pre-screen stockpile for processing.

A Cat GPS D8 dozer was used to place stockpiled structural fill in 18 inch to 24 inch lifts at the Midway fill area near stations H0+00 to H2+00. A Cat CS56 smooth drum roller was used for compaction. The structural fill was placed and compacted per project specification.

A Cat 980 loader, a Cat GPS D7 dozer, and 740 haul trucks were used to remove excess material from the PSSA pond floor. The material was placed as structural fill at the eastern PSSA/HWY67 ramp. A Cat GPS D6 dozer and a Cat CS56 smooth drum roller were used for placement and compaction. The structural fill was placed and compacted per project specification.

Cat dozers cut the slope to rough grade near stations G0+00 to G2+00, J0+00 to J3+00, H22+00 to H30+00, C0+00 to C4+00, DD15+00 to DD16+00, down slope of stations B7+00 to B8+00, and at the PSSA embankment. A Cat CS56 smooth drum roller compacted the finished subgrade slopes at the PSSA embankment afterwards.

Note: An AMEC field professional monitored structural fill material temperatures placed within fill areas. Average structural fill temperatures were above 32°F and snow removal occurred prior to fill placement.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for future use.

Squaw Gulch Clay Borrow Site: Clay mining and processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 110,500 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Primary Underdrain: No work occurred on the primary underdrain.

Secondary Underdrain: No work occurred on the secondary underdrain.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing or grubbing occurred.

B) Underground Workings

- **Confirmatory Drilling**

Confirmatory drilling occurred at underground working #U6115 and #U6273. Further remediation efforts are required.

Drill access was constructed to underground workings #6112, #6119, and #6508. Confirmatory drilling is pending.

- **Remediation**

Underground working #U6114 and #U6391 were removed during cut operations and are considered remediated.

Underground working UG #6276 extended into the ½:1 slope. Structural fill was placed in the opening of the adit with a Cat 320 excavator. The working is considered remediated.

Underground workings #U6428, #6439, #6440, #U6441, #6494, #6495, #6498, #6500, #6501, #6515, #6516, #6517, #6518, #6519, #6528, and #6529, were excavated to competent rock, backfilled with structural fill, and are considered remediated.

Ames worked on exposing an adit and removing timbers at underground working #U6461 using a Cat 330 excavator with a bucket and a Cat 330 excavator equipped with a rock hammer. Additional remediation efforts are required.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) Field Activities: Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation and confirmatory drilling; Production drilling and blasting; Water pond construction; Testing and sampling for ½:1 slope grout, SF, DCF and SLF; Geophysical surveying; 100-mil LLDPE SSMS and smooth geomembrane delivery and inventory.

II) Laboratory Activities: Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density relationships, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

The following samples were collected and returned to AMEC's laboratory for analysis:

Structural fill sample numbers SF-68R through SF-69R
Drain Cover Fill sample DCF 70
Soil Liner Fill sample number SLF 129-S through SF-134S
Cast grout cubes for strength testing from the ½:1 slope
Cast concrete cylinders for strength testing from the water stand pond.

Note: Samples labeled with the suffix "R" are samples of Record / QA samples; those without are QC samples.

General Project Items

Meetings and Discussions:

- The kickoff meeting for the PSSA Geophysics survey occurred with AMEC, CC&V, and Ames on April 7, 2014.
- A Highway 67 meeting occurred with AMEC, CC&V, CDOT, and Ames on April 7, 2014. The meeting addressed the in place punch list items.
- The Contractor Meeting occurred on April 9, 2014 with CC&V Projects, AMEC, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, AMEC, and Ames.

Miscellaneous:

- Drain cover fill processing continued.
- Rip rap processing continued.
- Work on the Water Stand Pond continued.
- Geophysical surveying began in the PSSA.

Deliveries:

One (1) truckload consisting of 10 rolls of 100 mil LLDPE SSMS geomembrane and 2 rolls of 100-mil smooth LLDPE geomembrane were delivered to the site, recorded, and inventoried. Total received to date:

- 206 rolls of 100-mil smooth LLDPE geomembrane.
- 214 total rolls of 100-mil LLDPE SSMS geomembrane.
- 270 total spools of LDPE 5mm weld rod.

Submitted by: Eric Lorenson **Date:** 04-15-2014

Reviewed By: **Date:** 04-15-2014
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: **Date:** 4-16-14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	April 6	April 7	April 8	April 9	April 10	April 11	April 12
Tim Burkhard		PR	PR	PR	PR	PR	PR
Steve Rice		UG	UG	UG	UG	UG	UG
Ben Melly		ST	ST	ST	ST	ST	ST
Robert Redd		UG	UG	UG	UG	UG	
Tyler Browning		ST	ST	ST	ST	ST	
Eric Lorenson		ST	ST	ST	ST	ST	ST
Razi Molloy		LT	LT	LT	LT	LT	
Chris Buckman		GP	GP	GP	GP	GP	GP
Matt Hartz		GP	GP	GP	GP	GP	GP
Andrea Meduna				SE			
Don Connors		PL					
Kristine Babonas		HY					

LEGEND:

PL = Project Lead
PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer
GS = Geophysics Survey Geologist
HY = Highway Design Engineer

Photographs of daily activities:

Photo 1: Excavation at the ½:1 slope.

Photo 2: Slope grading at the PSSA.

Photo 3: Fill placement at the buttress fill area.

Photo 4: Slope grading down slope from stations H22+00 to H30+00.

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner: Cripple Creek & Victor Gold Mining Co.
Project: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 19 April 2014

Reporting Period: 4.13.14 through 4.19.14

Days	S	M	T	W	T	F	S
Work Shifts	-	W	D	D	W	D	D
	-	-	-	-	-	-	-

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
High: 25°F to 57°F
Low: 2°F to 35°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy to overcast.
Precipitation: Snow Sunday 4/13 and Wednesday 4/15
Wind: Variable

Ames: Continuing construction tasks for the VLF.

Planning: Continuing construction activities and scheduling for the VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (PSSA, Phase I, Phase II)

Topsoil / Overburden Stripping: No topsoil stripping occurred.

Production drilling: Production drilling occurred within the VLF limits.

Production blasting: Four (4) production blasts occurred within the VLF.

Structural Fill:
A Cat 992G loader assisted by a Cat D10 dozer filled Cat 777 haul trucks with shot rock down slope of stations A12+00 to A18+00. A John Deere 870 excavator loaded Cat 740 haul trucks with structural fill from the ½:1 slope. Material from both locations was transported to the Buttress fill area with the exception of select 740 loads that were hauled to the Rip Rap pre-screen stockpile and the PSSA embankment. The material transported to the Buttress fill was placed near stations J8+00 to J12+00 and down slope from J14+00 to J16+00 with Cat D9 and D8 dozers. A Cat 330 excavator equipped with a rock hammer broke apart oversize material and a Cat CS56 smooth drum roller compacted the fill per project specification.

Cat dozers cut the slope to rough grade near stations G0+00 to G2+00, F14+00 to F20+00, H22+00 to H30+00, E0+00 to E4+00, C0+00 to C4+00, and between stations DD6+00 to DD14+00 and FF2+00 to FF10+00.

A Cat D8 and Cat GPS D7 dozer placed cut to fill on the Cripple Creek side of the PSSA embankment. Some structural fill was also transported to the area from the ½: 1 slope. The structural fill was placed and compacted per project specification.

Structural fill was placed by D8 GPS dozer upslope from stations C6+00 to C8+00. The fill was graded down slope from stations E0+00 to E4+00 by Cat dozers and compacted by a Cat CS56 smooth drum roller. The structural fill was placed and compacted per project specification.

A Cat 345 excavator cut the Phase 2 Diversion Channel slopes to grade near stations 18+00 to 20+00.

Note: An AMEC field professional monitored structural fill material temperatures placed within fill areas. Average structural fill temperatures were above 32°F and snow removal occurred prior to fill placement.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for future use.

Squaw Gulch Clay Borrow Site: No clay mining or processing occurred at the Squaw Gulch Clay Borrow Site due to wet conditions and inclement weather. Approximately, 110,500 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Primary Underdrain: No work occurred on the primary underdrain.

Secondary Underdrain: No work occurred on the secondary underdrain.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing or grubbing occurred.

B) Underground Workings

- **Confirmatory Drilling**

Confirmatory drilling occurred at underground working #6112. Further remediation efforts are required.

Drill access was constructed to underground working #U6429. Confirmatory drilling is pending.

- **Remediation**

Underground working #U6115 was blasted, shot rock was removed, backfilled and is considered remediated.

Underground working #U6273 was blasted. Shot rock removal is in progress. Additional remediation efforts are required.

Underground workings #U6159, #6506, and #6507 were excavated to competent rock, backfilled with structural fill, and are considered remediated.

Approximately 225 yd^3 of coarse shaft backfill were placed in UG #6153. Additional remediation is required.

A Cat D8 was used to cut access to the Anaconda Mine Complex. A Cat D8 dozer and John Deere 870 excavator prepared underground working #6545 (part of the Anaconda Mine Complex) for remediation.

7.5 yds^3 of concrete were placed in underground working #U6274. Concrete cylinders were made for strength testing. Additional remediation is required.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (snow removal and runoff from melting snow and ice).

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation and confirmatory drilling; Production drilling and blasting; and Testing and sampling of clay from Dump 1 and concrete from UG U6274; and Geophysical surveying.

II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density relationships, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

The following samples were collected and returned to AMEC's laboratory for analysis:

Test sample TS-58 for potential clay source from Dump 1
Cast concrete cylinders for strength testing from UG #U6274.

Note: Samples labeled with the suffix "R" are samples of Record / QA samples; those without are QC samples.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on April 16, 2014 with CC&V Projects, AMEC, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, AMEC, and Ames.

Miscellaneous:

- Drain cover fill processing continued.
- Rip rap processing continued.
- Geophysical surveying continued in the PSSA.

Deliveries: None

Submitted by: Eric Lorenson **Date:** 04-22-2014

Reviewed By: **Date:** 04-22-2014
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: **Date:** 4-23-14
CC&V Projects

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ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	April 13	April 14	April 15	April 16	April 17	April 18	April 19
Tim Burkhard		PR	PR	PR	PR		
Steve Rice			UG	UG		UG	UG
Ben Melly			ST	ST		ST	ST
Robert Redd			UG	UG	UG	UG	
Chad Schreiner			ST				
Eric Lorenson		ST	ST	ST	ST	ST	
Razi Molloy		LT	LT	LT	LT	LT	
Randy Johnson						ST	ST
Chris Buckman			GP	GP			
Matt Hartz			GP	GP			
Mike Nelson				PM			
Andrea Meduna				SE			

LEGEND:

PL = Project Lead
PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer
GS = Geophysics Survey Geologist
HY = Highway Design Engineer

Photographs of daily activities:

Photo 1: Production drilling on the ADR road in the PSSA.

Photo 2: Fill placement at the Buttress fill area.

Photo 3: Shot rock removal from UG #U6273.

Photo 4: Slope grading near stations DD6+00 to DD10+00.

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner: Cripple Creek & Victor Gold Mining Co.
Project: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 26 April 2014

Reporting Period: 4.20.14 through 4.26.14

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	-	-	-	-	-	-

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
High: 53°F to 59°F
Low: 20°F to 33°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy to overcast.
Precipitation: None
Wind: Variable

Ames: Continuing construction tasks for the VLF.

Planning: Continuing construction activities and scheduling for the VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (PSSA, Phase I, Phase II)

Topsoil / Overburden Stripping: No topsoil stripping occurred.

Production drilling: Production drilling occurred within the VLF limits.

Production blasting: Four (4) production blasts occurred within the VLF.

Structural Fill:
A Cat 992G loader assisted by a Cat D10 dozer and Cat D9 dozer filled Cat 777 haul trucks with shot rock from the PSSA floor area and from underground working 6273. A John Deere 850 excavator loaded Cat 740 haul trucks with structural fill from the ½:1 slope downslope of stations C0+00 to C4+00. Material from all locations was transported to the Buttress fill area with the exception of select 740 loads that were hauled to the Rip Rap pre-screen stockpile. The material transported to the Buttress fill was placed upslope of stations J6+00 to J14+00 with Cat D9 dozer. A Cat 330 excavator equipped with a rock hammer broke apart oversize material and a Cat CS56 smooth drum roller compacted the fill per project specification.

Structural fill was placed by a Cat D8 GPS dozer upslope from stations C6+00 to C8+00. The fill was graded downslope from stations E0+00 to E4+00 by Cat dozers and compacted by a Cat CS56 smooth drum roller. The structural fill was placed and compacted per project specification.

Cat dozers rough graded the slope between stations DD6+00 to DD18+00 and B0+00 to B14+00. Some of the material was placed as structural fill on the Victor-side PSSA construction access ramp. The fill was placed and compacted per project specifications.

A John Deere 870 excavator and Cat 740 haul trucks were used to cut the Phase 2 Diversion Channel from stations 17+00 through 19+00. Material was hauled to and placed as structural fill at the toe of Dump 4 near station I36+00. A Cat D8 dozer and a Cat CS56 smooth drum roller were used at the placement area. The fill was placed and compacted per project specifications.

A smooth drum roller compacted the finished subgrade upslope from stations DD8+00 to DD12+00.

Cat dozers cut the slope to rough grade downslope of stations G0+00 to G2+00, B0+00 to B14+00, E0+00 to E6+00, C0+00 to C4+00, and DD6+00 to DD14+00.

A Cat 345 excavator worked on shaping and grading the access road near station Q4+00.

A Cat 330 excavator was used to cut the slope to grade at station P4+00 through P8+00 above the perimeter road.

A Cat 330 hammer hoe worked upslope from stations B10+00 through B11+00 to break up rock below the finish grade.

Cat dozers were used to cut the slope and place as structural fill at ADR haul road stations 58+00 to 74+00 from elevations 9,800 feet through 9,850 feet. The cut material was placed as structural fill and compacted using a Cat CS56B smooth drum roller per project specification.

Note: An AMEC field professional monitored structural fill material temperatures placed within fill areas. Average structural fill temperatures were above 32°F.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for future use.

Squaw Gulch Clay Borrow Site: Clay mining and processing occurred at the Squaw Gulch Clay Borrow Site. Approximately, 114,000 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Primary Underdrain: No work occurred on the primary underdrain.

Secondary Underdrain: No work occurred on the secondary underdrain.

Tertiary Underdrain: Approximately 150 lineal feet of tertiary underdrain was installed at the southern end of the PSSA floor and was tied into the primary underdrain.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing or grubbing occurred.

B) Underground Workings

- **Confirmatory Drilling**
  Confirmatory drilling occurred at underground working #6112 and UG #6119. Further remediation efforts are required.

- **Remediation**
  Underground working #U6112 was blasted, shot rock was removed, and was quantified for backfilling. Additional remediation efforts are required.

Shot rock was removed and approximately 150 yds^3 of 4,000 PSI concrete was placed in underground working #U6273. Concrete cylinders were made for laboratory determination of strength. Additional remediation is required.

II) **Storm Water Management**

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation.

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Slope grading and fill placement; Ambient and fill temperature monitoring and recording; Underground working remediation and confirmatory drilling; Production drilling and blasting; Testing and sampling of UF, SLF, DCF and concrete from UG U6273; and Tertiary underdrain installation.

II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density relationships, gradations, material classification, identifications, and field material sampling were performed during this reporting period.

The following samples were collected and returned to AMEC's laboratory for analysis:

- Underdrain Fill sample number UF-10R
- Drain Cover Fill sample numbers DCF 71 through DCF 74
- Soil Liner Fill sample number SLF 135-S through SF-138-S
- Concrete cylinders were made for compressive strength testing from underground working #6273

Note: Samples labeled with the suffix "R" are samples of Record / QA samples; those without are QC samples.

General Project Items

Meetings and Discussions:

- An underground working meeting regarding the remediation of the Anaconda Mine Complex was held between AMEC, Ames, and CC&V on April 21, 2014.
- The Contractor Meeting occurred on April 23, 2014 with CC&V Projects, AMEC, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, AMEC, and Ames.

Miscellaneous:

- Drain cover fill processing continued.
- Rip rap processing continued.

Deliveries: None

Submitted by: Eric Lorenson **Date:** 04-29-2014

Reviewed By: **Date:** 04-29-2014
Tim Burkhard
Project Resident Manager
Phone: 719.689.2986

Approved By: **Date:** 4/30/14
CC&V Projects

ATTACHMENT A

AMEC - 2014 CQA Field Staff Schedule MLE2

Name	April 20	April 21	April 22	April 23	April 24	April 25	April 26
Tim Burkhard			PR	PR	PR	PR	PR
Steve Rice		UG	UG	UG	UG		
Ben Melly		ST	ST	ST	ST	ST	ST
Robert Redd		UG	UG	UG	UG	UG	
Tyler Browning				ST	ST	ST	ST
Eric Lorenson		ST	ST	ST	ST	ST	ST
Razi Molloy		LT	LT	LT	LT	LT	
Mike Nelson		PM					
Andrea Meduna		SE					

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LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer
GS = Geophysics Survey Geologist
HY = Highway Design Engineer