




**COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
COAL PROGRAM INSPECTION REPORT**



PERMIT INFORMATION

Permit Number: C-1981-020 Mine Name: Munger Canyon Mine Operator: CAM Mining, LLC Operator Address: Mr Gary Isaac P.O. Box 98 Loma, CO 81524	County: Garfield, Mesa Operation Type: Underground Permit Status: Permanent Cessation Ownership: Federal
	Operator Representative Present: None
Operator Representative Signature: (Field Issuance Only)	

INSPECTION INFORMATION

Inspection Start Date: October 15, 2013 Inspection Start Time: 13:00 Inspection End Date: October 16, 2013 Inspection End Time: 14:00	Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Clear
Joint Inspection Agency: None	Joint Inspection Contacts: None
Post Inspection Agency: None	Post Inspection Contacts: None
Inspector(s): Zach T. Trujillo Michael P. Boulay	Inspector's Signature:  Signature Date: 10/22/13

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

N - Air Resource Protection	R - Roads
R - Availability of Records	N - Reclamation Success
R - Backfill & Grading	R - Revegetation
N - Excess Spoil and Dev. Waste	N - Subsidence
N - Explosives	N - Slides and Other Damage
R - Fish & Wildlife	N - Support Facilities On-site
R - Hydrologic Balance	Y - Signs and Markers
N - Gen. Compliance With Mine Plan	R - Support Facilities Not On-site
N - Other	N - Special Categories Of Mining
N - Processing Waste	R - Topsoil

COMMENTS

This was a complete inspection of the Munger Canyon Mine and the Loma Loadout by Zach Trujillo and Mike Boulay of Colorado Division of Reclamation, Mining and Safety (DRMS). There was no operator representative present during the inspection. Weather conditions were clear with the temperature around fifty degrees fahrenheit and ground conditions were moist from recent precipitation. The inspection started at the Munger Canyon Mine on October 15, 2013 followed by an inspection at Loma Loadout and records check on October 16, 2013. There was no activity at the mine site at the time of the inspection. The Munger Canyon Mine records were located at the office of J. E. Stover & Associate, Inc. in Grand Junction, Colorado.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

All records are kept at the office of J. E. Stover & Associate, Inc. in Grand Junction, Colorado. Please see the Division's Availability of Records checklist at the end of this inspection report for more detailed information.

BACKFILL and GRADING – Rule 4.14

Contemporaneous Reclamation 4.14.1; Approximate Original Contour 4.14.2; Highwall Elimination 4.14.1(2)(f); Steep Slopes 4.14.2, 4.27; Handling of Acid and Toxic Materials 4.14.3; Stabilization of Rills and Gullies 4.14.6:

The backfilled and regraded portals and associated access road remains stable. No signs of slumping or sloughing were observed. Roughening of the reclaimed slopes appears to be successful with erosion control and contributing to vegetation success. No issues were noted.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 2



Reclaimed portals.

FISH and WILDLIFE – Rule 4.18:

Visible signs of deer and elk were present along the reclaimed access road.

HYDROLOGIC BALANCE - Rule 4.05

Drainage Control 4.05.1, 4.05.2, 4.05.3; Siltation Structures 4.05.5, 4.05.6; Discharge Structures 4.05.7, 4.05.10; Diversions 4.05.4; Effluent Limits 4.05.2; Ground Water Monitoring 4.05.13; Surface Water Monitoring 4.05.13; Drainage – Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

The ten permanent channels A through H were inspected. All channels were stable and well armored with rip rap. No cutting or erosion was observed in any of the channels.

Munger Creek was dry at the time of the inspection and the Munger Creek Crossing was stable. The East Salt Creek was flowing at the time of the inspection. Recent precipitation event occurred prior to the inspection.

The sediment pond was dry at the time of the inspection. Embankments were stable and well vegetated. No issues were observed.



Permanent channel along the reclaimed access road.

ROADS – Rule 4.03

Construction 4.03.1(3)/4.03.2(3)

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Drainage 4.03.1(4)/4.03.2(4)

Surfacing and Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6)

Reclamation 4.03.1(7)/4.03.2(7):

The reclaimed access roads to the portals were stable as noted earlier in the report.

The access road from Highway 139 to the reclaimed section of access road was stable and slightly saturated. The entrance road remains in good condition with no signs of divots, erosion or cutting.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

Vegetation along the reclaimed access road was diverse and well established.



Successful roughening with vegetation.

OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:

The Loma Loadout was inspected on October 16, 2013. The identification sign was located before the site with all the required information necessary for compliance. The site was surrounded by berms leading to a silt fence for erosion control. The silt fence was keyed in and was functioning as designed.



Loma Loadout with sign.

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TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

Topsoil piles located on the side of the mine access road were well vegetated. Each topsoil pile was marked designating each pile as such. No issues were observed.

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ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were necessary as a result of this inspection.

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Number of Complete Inspections this Fiscal Year: 2

AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Exp. 1/13/18
Permit Application w/Revisions	Ok
Findings Document	RN-6
Insurance Certificate	Exp. 6/1/14
Bond Document	No. 104109439
Phased Bond Release	SL-1
Documents/Findings	
Air Emission Permits	Ok
County Special Use Permits	Ok
UG Mining Landowner Notification	N/A
	N/A
Subsidence Monitoring Data	N/A
Rill & Gully Survey	N/A
Vegetation Monitoring Data	N/A
Specific Variance Approvals	Ok
Annual Reclamation Reports	2012
Midterm Review Documents	2010
DRMS/OSM Inspection	Thru Sept. 2013
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	Ok
Temporary Cessation Notification	N/A
Reclamation Cost Estimate	RN-6
CERTIFICATIONS	
Pond Certifications	Ok
Annual Certifications for Impoundments	2013
Fill Certifications for Excess Spoil or Underground Development Waste	Ok
• Quarterly Inspections	N/A
• Compaction Testing	N/A
• Final Certification	2008
Coal Processing Waste Banks	Ok
Haul Road Certifications	Ok
Access Road Certifications	Ok

HYDROLOGIC RECORDS

NPDES Permit	Ok ¹
NPDES Records	3 rd Qrt 2013
Stormwater Management Plan	Ok
SPCC Plan	N/A
MSHA Pond Inspections	N/A
	N/A
State Engineer's Pond Inspection	
Quarterly Pond Inspections	3 rd Qrt 2013
Annual Hydrology Reports	2012
• Ground Water Monitoring	Ok
• Surface Water Monitoring	Ok
• Spring & Seep Monitoring	N/A
• Mine Water Discharge Monitoring	Ok
• Mine Inflow Study	Ok
• Water Consumption Records	Ok
Well Permits	N/A

BLASTING RECORDS

Blasting Publication	N/A
Blasting Records (3 years)	N/A
ATFE Explosives Permit	N/A
Blasting Variances	N/A
Pre-Blast Surveys	N/A

**ADDITIONAL RECORDS
(specify)**

COMMENTS: 1) NPDES permit is under administrative extension.

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