



**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. Corey Heaps 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: August 22, 2013 Inspection Start Time: 11:45 Inspection End Date: August 22, 2013 Inspection End Time: 14:10	Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Cloudy
Joint Inspection Agency: None	Joint Inspection Contacts:
Post Inspection Agency: None	Post Inspection Contacts:
Inspector(s): Michael P. Boulay	Inspector's Signature: <i>Michael P. Boulay</i> Signature Date: 8/27/13

Inspection Topic Summary

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

Y - Air Resource Protection

Y - Availability of Records

N - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

NA - Other

R - Processing Waste

R - Roads

R - Reclamation Success

Y - Revegetation

NA - Subsidence

Y - Slides and Other Damage

Y - Support Facilities On-site

R - Signs and Markers

R - Support Facilities Not On-site

NA - Special Categories Of Mining

Y - Topsoil

COMMENTS

This was a complete inspection of the Munger Canyon Mine conducted by Mike Boulay of the DRMS Grand Junction Field Office on August 22, 2013. No operator/representative from Munger Canyon Mine was present during the inspection. Weather conditions were cloudy and warm. Ground conditions were mostly dry.

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;

East Salt Creek was not flowing but had some damp areas and some standing water. Munger Creek appeared to be entirely dry. The culvert at the Munger Creek road crossing was clear and well maintained. Ditches and culverts associated with the reclaimed waste disposal site, the coverfill stockpile, and the topsoil stockpile locations were in good condition and well maintained. The waste disposal area sediment pond was not retaining water. The inlet and discharge structures were stable and no problems were noted. The pond embankment showed no signs of erosion or other problems. Stream Buffer Zones signs were properly displayed along the length of Munger Creek adjacent to the reclaimed haul road.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11

Drainage Control; Surface Stabilization; Placement:

The fully reclaimed coal waste pile remains stable, with no signs of erosion or instability. In 2008 a final waste pile certification was completed and the waste pile site remains in good condition.

ROADS – Rule 4.03

Construction 4.03.1(3)/4.03.2(3)

Drainage 4.03.1(4)/4.03.2(4)

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

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 1

Reclamation 4.03.1(7)/4.03.2(7):

The mine site access road off of Highway 139 was accessible and in good condition. The Mine ID sign at the entrance to the permit area is intact and properly displayed. The entrance gate at the bridge crossing was locked and the site was secure. Although there was some standing water on the road surface from recent heavy rainfall prior to this inspection, the access road into the mine site was in good condition and maintained. The narrowed haul road on BLM land was in good condition and no problems were noted along its entire length up to the former portal bench access road. There was no activity at the mine site and it did not appear that any one has accessed the mine site recently.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The reclaimed portal access was inspected up to the portal backfill area. The reclaimed portal access remains stable and appeared in good condition. The riprap channels were all stable. The site is well vegetated and no signs of significant erosion or instability were identified during this inspection. The site remains stable and in good condition.

OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:

The reclaimed Loma Loadout site was inspected. The sign with operator information, DRMS Permit Number and MSHA ID is in good condition and clearly visible at the site. The SAE silt fence was in place and appears to still be functional.

DOCUMENTS RECEIVED

None

OTHER (SPECIFY)

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 1

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were taken as a result of this inspection, and none are pending.

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Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



Coverfill Stockpile



Signs along Munger Creek



Munger Creek Road Crossing



Sediment Pond



Panoramic view of Reclaimed Refuse Pile

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	X
Permit Application w/Revisions	X
Findings Document	X
Insurance Certificate	X
Bond Document	X
Phased Bond Release	X, SL-1 2009
Documents/Findings	
Air Emission Permits	X
County Special Use Permits	X
UG Mining Landowner Notification	NA
Subsidence Monitoring Reports	NA
Subsidence Monitoring Data	NA
Rill & Gully Survey	NA
Vegetation Monitoring Data	NA
Specific Variance Approvals	X
Annual Reclamation Reports	X 2012
Midterm Review Documents	2010
DRMS/OSM Inspection	Through 7-13
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	X
Temporary Cessation Notification	NA
Reclamation Cost Estimate	X
CERTIFICATIONS	
Pond Certifications	X
NA Annual Certifications for Impoundments	X
Fill Certifications for Excess Spoil or Underground Development Waste	X
• Quarterly Inspections	NA
• Compaction Testing	NA
• Final Certification	X, 2008
Coal Processing Waste Banks	X
Haul Road Certifications	X
Access Road Certifications	X

HYDROLOGIC RECORDS

NPDES Permit	X *
NPDES Records	X
Stormwater Management Plan	X
SPCC Plan	NA
MSHA Pond Inspections	NA
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	Through 2 nd qtr
Annual Hydrology Reports	X 2012
• Ground Water Monitoring	X
• Surface Water Monitoring	X
• Spring & Seep Monitoring	NA
• Mine Water Discharge Monitoring	X
• Mine Inflow Study	X
• Water Consumption Records	X
Well Permits	NA

BLASTING RECORDS

Blasting Publication	NA
Blasting Records (3 years)	NA
ATFE Explosives Permit	NA
Blasting Variances	NA
Pre-Blast Surveys	NA

ADDITIONAL RECORDS

(specify)	

COMMENTS:

* NPDES Permit is under Administrative Extension.

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