



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



PERMIT INFORMATION

Permit Number: C-1980-006 Mine Name: Marr Mine Operator: Kerr Coal Company Operator Address: Mr. George Patterson C/O Energy Fuels Coal, Inc. P.O. Box 459 Florence, CO 81226	County: Jackson Operation Type: Surface Permit Status: Permanent Cessation Ownership: Federal
Operator Representative Present:	
Operator Representative Signature: (Field Issuance Only)	

INSPECTION INFORMATION

Inspection Start Date: March 22, 2013 Inspection Start Time: 07:30 Inspection End Date: Inspection End Time:	Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Clear
Joint Inspection Agency: None	Joint Inspection Contacts:
Post Inspection Agency: None	Post Inspection Contacts:
Inspector(s): Robert D. Zuber	Inspector's Signature: <i>Robert D. Zuber</i> Signature Date: 3/24/2013

Inspection Topic Summary

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

NA - Air Resource Protection

R - Availability of Records

Y - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

Y - Roads

R - Reclamation Success

Y - Revegetation

NA - Subsidence

Y - Slides and Other Damage

Y - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

Y - Topsoil

COMMENTS

A complete inspection was conducted by Rob Zuber of DRMS. The inspection covered the loadout and the mine site. The weather was clear and the ground was mostly covered with snow.

The fence was still open where a two-track trail leads to the property to the north of the loadout.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

See list below.

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:

Both culverts at the mine site were inspected. One of the pipes at the north culvert was largely blocked with ice, but no problems were identified. The smaller pipe at the south culvert was not visible due to snow and sediment.

An employee of Sessions and Sons (Newell Geer) was onsite to remove the monitoring wells. However, he could not complete the task due to frost. He had tried pulling the well on the east side; after failing to remove this one he did not try the well on the west side. He stated that he will try again in the next two to three weeks.

The Best Management Practices for sediment control from the reclaimed pond area at the loadout were in good shape.

GENERAL MINE PLAN COMPLIANCE:

The site was found to be in general compliance with the permit and the mine plan.

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The two remaining parcels at the mine site contain no gullies, large weed patches, or other problems.

At the loadout, no erosion, large weed patches, or other problems were seen.

SIGNS AND MARKERS – Rule 4.02:

No problems were observed with signs at the mine or the loadout.

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS

Mine site – at south culvert smaller pipe is not visible

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Mine site – vegetation at northern parcel



Loadout – reclaimed pond

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Exp. 3/20/16
Permit Application w/Revisions	yes
Findings Document	RN-06
Insurance Certificate	Exp. 10/1/13
Bond Document	*1
Phased Bond Release	SL4
Documents/Findings	
Air Emission Permits	NA
County Special Use Permits	*2
UG Mining Landowner Notification	NA
Subsidence Monitoring Reports	NA
Subsidence Monitoring Data	NA
Rill & Gully Survey	NA
Vegetation Monitoring Data	SL4
Specific Variance Approvals	NA
Annual Reclamation Reports	2011
Midterm Review Documents	2008
DRMS/OSM Inspection	Thru Nov. 2012
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	NA
Temporary Cessation Notification	NA
Reclamation Cost Estimate	RN-06
CERTIFICATIONS	
Pond Certifications	NA
Annual Certifications for Large Impoundments	*3
Fill Certifications for Excess Spoil or Underground Development Waste	NA
Coal Processing Waste Banks	NA
Haul Road Certifications	yes
Access Road Certifications	yes

HYDROLOGIC RECORDS

NPDES Permit	COG850036
NPDES Records	Thru 1Q 2012
Stormwater Management Plan	yes
SPCC Plan	9/14/10 *4
MSHA Pond Inspections	NA
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	Thru 4Q 2011 *5
Annual Hydrology Reports	2011
• Ground Water Monitoring	NA
• Surface Water Monitoring	See NPDES records
• Spring & Seep Monitoring	NA
• Mine Water Discharge Monitoring	NA
• Mine Inflow Study	NA
• Water Consumption Records	NA
Well Permits	

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:

*1 Bond number 13-20-11 for \$19,619.00.

*2 E-mail from Kent Crowder (Jackson County Commissioner) explains status.

*3 Annual Certification for the Loadout pond was conducted in May 2011.

*4 Latest SPCC inspection was on 12/21/2011.

*5 The loadout pond was reclaimed in autumn 2011.

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