




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



## PERMIT INFORMATION

<b>Permit Number:</b> C-1980-006 <b>Mine Name:</b> Marr Mine <b>Operator:</b> Kerr Coal Company <b>Operator Address:</b> Mr. George Patterson C/O Energy Fuels Coal, Inc. P.O. Box 459 Florence, CO 81226	<b>County:</b> Jackson <b>Operation Type:</b> Surface <b>Permit Status:</b> Permanent Cessation <b>Ownership:</b> Federal
	<b>Operator Representative Present:</b>  None
<b>Operator Representative Signature:</b> (Field Issuance Only)	

## INSPECTION INFORMATION

<b>Inspection Start Date:</b> October 11, 2012 <b>Inspection Start Time:</b> 07:45 <b>Inspection End Date:</b> <b>Inspection End Time:</b>	<b>Inspection Type:</b> Coal Complete Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Clear
<b>Joint Inspection Agency:</b>  None	<b>Joint Inspection Contacts:</b>
<b>Post Inspection Agency:</b>  None	<b>Post Inspection Contacts:</b>
<b>Inspector(s):</b>  Robert D. Zuber	<b>Inspector's Signature:</b>   <b>Signature Date:</b>  10/12/12

**Inspection Topic Summary**

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

NA - Air Resource Protection

Y - Availability of Records

Y - Backfill &amp; Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish &amp; Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

Y - Other

NA - Processing Waste

Y - Roads

R - Reclamation Success

Y - Revegetation

NA - Subsidence

Y - Slides and Other Damage

Y - Support Facilities On-site

Y - 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 dry,

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

**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:

At the mine site, the south culvert (two pipes) appeared to be functional as the larger pipe is totally clear. However, the smaller pipe is severely clogged. At the north culvert, no problems were identified.

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

**GENERAL MINE PLAN COMPLIANCE:**

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

**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.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 2

## **ENFORCEMENT ACTIONS/COMPLIANCE**

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

## **PHOTOGRAPHS**



**Mine Site - Blocked pipe at southern culvert**

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**Mine Site – northern unreleased parcel (beside facility area)**

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Number of Complete Inspections this Fiscal Year: 2



**Loadout – silt fence and straw boom**



**Loadout –straw boom (from bridge)**

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 2

AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Exp. 3/20/16
Permit Application w/Revisions	yes
Findings Document	RN-06
Insurance Certificate	Exp. 10/1/12
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 Sept. 2012
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	NA
Temporary Cessation Notification	NA
Reclamation Cost Estimate	RN-06
<b>CERTIFICATIONS</b>	
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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Number of Complete Inspections this Fiscal Year: 2