



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



### PERMIT INFORMATION

<b>Permit Number:</b> C-1996-083 <b>Mine Name:</b> Bowie No. 2 Mine <b>Operator:</b> Bowie Resources, LLC <b>Operator Address:</b> Mr William A Bear P.O. Box 483 Paonia, CO 81428	<b>County:</b> Delta <b>Operation Type:</b> Underground <b>Permit Status:</b> Active <b>Ownership:</b> Federal and Forest
	<b>Operator Representative Present:</b>  None Present - Aerial Inspection
<b>Operator Representative Signature:</b> (Field Issuance Only)	

### INSPECTION INFORMATION

<b>Inspection Start Date:</b> July 23, 2013 <b>Inspection Start Time:</b> 11:29 <b>Inspection End Date:</b> July 23, 2013 <b>Inspection End Time:</b> 11:31	<b>Inspection Type:</b> Aerial 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>  Susan L. Burgmaier  Harry B. Ranney	<b>Inspector's Signature:</b>  <i>Susan Burgmaier</i>  <b>Signature Date:</b>  07/29/2013

**Inspection Topic Summary**

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

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

**COMMENTS**

This was a partial inspection of the Bowie No. 2 Mine based on aerial photographs of the site taken by Harry Ranney and reviewed by Susan Burgmaier of CDRMS. The site is actively mining coal from the B seam; refuse is being placed on Gob Piles 2 and 4. Excavators, bulldozers, and compactors were working on Gob Pile #2, and a dump truck was hauling material to Gob Pile #2.

Weather conditions at the time of the inspection were clear; ground conditions appeared to be dry. Areas photographed included Gob Piles #1, #2, #3, and #4; B- and D-Portal benches; fan bench, and several gob vent borehole sites.

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:

Pond F appeared to be dry, Ponds B and D held water, Pond C held water and was being cleaned out, and Ponds J and K were not photographed.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11 □ Drainage Control; Surface Stabilization; Placement:

Gob material was being hauled to Gob Pile #2. An excavator was working the expansion area between Gob Piles #2 and #4, and compactors were working on the northeastern portion of Gob Pile #2. No standing water was observed on the refuse areas. There is still a considerable amount of material to be graded and compacted in the central area of Gob Pile #2, but the operator has made significant progress on getting the pile into compliance.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 0

**ENFORCEMENT ACTIONS/COMPLIANCE****Infraction Number:** CV2013004

Inspection Date: May 9, 2013

Date Issued: May 16, 2013

Primary Topic: Processing Waste

Secondary Topic: Hydrologic Balance

Tertiary Topic:

Description: Failure to construct Gob Pile #2 in a controlled manner to ensure stability of the fill; failure to control surface water runoff on Gob Pile #2 and Gob Pile #4.

Abatement #: 1

Abatement Due Date: 6/28/2013 – Extended to 7/31/2013

Abatement Description: Place and compact all existing end-dumped material on Gob Pile #2 in accordance with the Rules and approved permit application package.

Abatement #: 2

Abatement Due Date: 6/28/2013 – Abated 6/25/2013

Abatement Description: Remove coverfill material from ditches D-F5 and D-F6 and repair or reconstruct all lateral ditches on Gob Piles 2 and 4 to ensure positive drainage as designed in the approved permit application package.

Abatement #: 3

Abatement Due Date: 6/30/2013 – Extended and abated 07/15/2013

Abatement Description: Conduct quarterly inspections of Gob Pile #2 in accordance with all of the requirements of Rule 4.10.2, beginning with the second quarter of 2013.

Number of Partial Inspection this Fiscal Year: 2Number of Complete Inspections this Fiscal Year: 0

**PHOTOGRAPHS**



Gob Piles 2, 3,  
and 4

Area remaining to  
be graded and  
compacted



Fan bench, D-  
Portal Bench,  
and Office Area

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 0





Coal stockpile and lower haul road



B-, D-Portal Bench, Fan Bench

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 0