




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



PERMIT INFORMATION

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

INSPECTION INFORMATION

Inspection Start Date: May 16, 2013 Inspection Start Time: 11:11 Inspection End Date: May 16, 2013 Inspection End Time: 11:12	Inspection Type: Aerial 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): Sandra L. Brown Harry B. Ranney	Inspector's Signature:  Signature Date: 05/20/2013

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
N - 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, both out of the DRMS Denver office. Weather conditions at the time of the inspection were clear; ground conditions appeared to be fairly dry. The mine is producing coal from the B Seam portals, and Gob Piles #2 and #4 are active.

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:

Ponds C, D, and F held water. Pond J appeared to be dry.

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

Compaction activities were underway on the west end of the second bench of Gob Pile #2, where the cover fill material pile was formerly located. It appeared that the material being compacted was coming from the end dumped material just north of/above the second bench. An excavator was moving material in the northern portion of the Gob Pile #2 expansion area. Recent grading activities were apparent on the east end of the upper bench of Gob Pile #4.

It appeared that Ditches D-F5 and D-F6 had been cleared of cover fill material that had been blocking flow in the ditch. Ditches D-F17 and D-F20 appeared to be fairly wet; standing water was observed just north of the topsoil stockpile. It was not apparent whether ditch D-F18 had been reworked for positive drainage.

Standing water was observed on the upper bench of Gob Pile #2, in the area where material had been end dumped and was awaiting spreading and compaction.

Number of Partial Inspection this Fiscal Year: 14

Number of Complete Inspections this Fiscal Year: 3

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

Inspection Date: May 9, 2013

Date Issued:

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

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

Abatement Description: Remove cover fill 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

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: 14

Number of Complete Inspections this Fiscal Year: 3

PHOTOGRAPHS

	<p>Gob Pile #4</p> <p>Recently graded</p> <p>Standing Water</p>
	<p>Gob Pile #2</p> <p>End Dumped Material</p> <p>Standing Water</p> <p>Compaction Effort</p> <p>Pond F</p>

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Gob Piles

#4 at left, #2 at right, #3 bottom center



Site overview

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