



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



### PERMIT INFORMATION

<b>Permit Number:</b> C-1981-038 <b>Mine Name:</b> Bowie No. 1 Mine <b>Operator:</b> Bowie Resources, LLC <b>Operator Address:</b> Mr Basil Bear P.O. Box 1488 Paonia, CO 81428	<b>County:</b> Delta <b>Operation Type:</b> Underground <b>Permit Status:</b> Active <b>Ownership:</b> Federal
	<b>Operator Representative Present:</b>  None Present - Aerial Inspection
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

### INSPECTION INFORMATION

<b>Inspection Start Date:</b> September 25, 2013 <b>Inspection Start Time:</b> 11:31 <b>Inspection End Date:</b> September 25, 2013 <b>Inspection End Time:</b> 11:32	<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>  09/26/2013

**Inspection Topic Summary**

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

N - Air Resource Protection

N - Availability of Records

R - Backfill &amp; Grading

R - Excess Spoil and Dev. Waste

NA - Explosives

N - Fish &amp; Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

NA - Other

R - Processing Waste

N - Roads

N - Reclamation Success

N - Revegetation

N - Subsidence

Y - Slides and Other Damage

N - Support Facilities On-site

N - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

N - Topsoil

**COMMENTS**

This was a partial inspection of the Bowie No. 1 Mine based on aerial photographs of the site taken by Harry Ranney and reviewed by Susan Burgmaier of DRMS. Weather conditions at the time of the flight were windy and clear; ground conditions appeared to be dry.

The East Mine, West Mine, and ROM areas have all been regraded and Phase I bond release has been granted. The loadout area of the mine remains active as a staging area for BRL drilling operations.

BACKFILL and GRADING – Rule 4.14 □ Contemporaneous Reclamation 4.14.1; Approximate Original Contour 4.14.2; Highwall Elimination 4.14.1(2)(f); Steep Slopes 4.14.2, 4.27; Handling of Acid and Toxic Materials 4.14.3; Stabilization of Rills and Gullies 4.14.6:

Backfilled and regraded slopes at the East Mine, West Mine, and ROM area all appeared to be stable with no evidence of excessive erosion, cracking, or bulging.

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 Mine: The West Ridge pond held water but did not appear to be discharging. The inlet to the pond looked like it had been downcut. Pond 1 appeared to be dry; Pond 2 was holding water but did not appear to be discharging. The ROM area pond appeared to be dry.

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

Both refuse disposal areas at the East Mine appeared to be stable and well vegetated.

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1

### **ENFORCEMENT ACTIONS/COMPLIANCE**

No enforcement actions were initiated as a result of this inspection, nor are any pending.

### **PHOTOGRAPHS**



East Mine area

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1





ROM area



West Mine area

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1