



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



### PERMIT INFORMATION

<b>Permit Number:</b> C-1981-019 <b>Mine Name:</b> Colowyo Coal Mine <b>Operator:</b> Colowyo Coal Company L.P. <b>Operator Address:</b> Mr. Tony Tennyson 5731 State Highway 13 Meeker, CO 81641	<b>County:</b> Moffat, Rio Blanco <b>Operation Type:</b> Surface <b>Permit Status:</b> Active <b>Ownership:</b> Federal
	<b>Operator Representative Present:</b>  None
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

### INSPECTION INFORMATION

<b>Inspection Start Date:</b> May 16, 2013 <b>Inspection Start Time:</b> 10:23 <b>Inspection End Date:</b> <b>Inspection End Time:</b>	<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>  Robert D. Zuber, P.E.	<b>Inspector's Signature:</b>  <i>Robert D. Zuber</i> <b>Signature Date:</b>  5/20/2013

**Inspection Topic Summary**

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

N - Air Resource Protection

N - Availability of Records

R - Backfill &amp; Grading

N - Excess Spoil and Dev. Waste

N - Explosives

N - Fish &amp; Wildlife

R - Hydrologic Balance

N - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

N - Roads

N - Reclamation Success

N - Revegetation

NA - Subsidence

N - Slides and Other Damage

N - Support Facilities On-site

N - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

R - Topsoil

**COMMENTS**

On May 16, 2013 Harry Ranney flew over Colowyo Coal Mine and took several dozen aerial photographs. On May 20, 2013 Robert Zuber reviewed the photographs, identifying any issues that require follow-up inspection on the ground. This report summarizes the photographs as they relate to SL-07 and sediment ponds and also discusses potential issues that will be inspected further between May 21 and May 23, 2013.

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:

The SL-07 bond release application contains four reclamation blocks, and three of these can be viewed in the photographs of this inspection: WP018, WP019, and EP057. ST002 (the fourth block) was not photographed. No problems were identified in the photographs of the three blocks other than the issue mentioned in the hydrology section.

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:

Several ponds with CDPS outfalls were inspected: East Taylor Pond, West Pit Pond, Streeter Pond, Gulch A Pond, and Prospect Pond. No problems were identified with spillways, embankments or other aspects of the ponds.

No problems were identified with any of the ditches or ponds in the East Pit reclamation area.

Some contour ditches appeared to have blowouts. These were seen above NTEP1 Pond, near EP2 Pond, and above East Taylor Pond. These will be inspected on the ground in the next three business days.

TOPSOIL – Rule 4.06 □ Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3;

Number of Partial Inspection this Fiscal Year: 10

Number of Complete Inspections this Fiscal Year: 3

Redistribution 4.06.4:

Topsoil Stockpile 16I was inspected. There is a feature below the topsoil stockpile that looks like a scarp. This will be investigated on the ground in the next three business days.

### **ENFORCEMENT ACTIONS/COMPLIANCE**

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

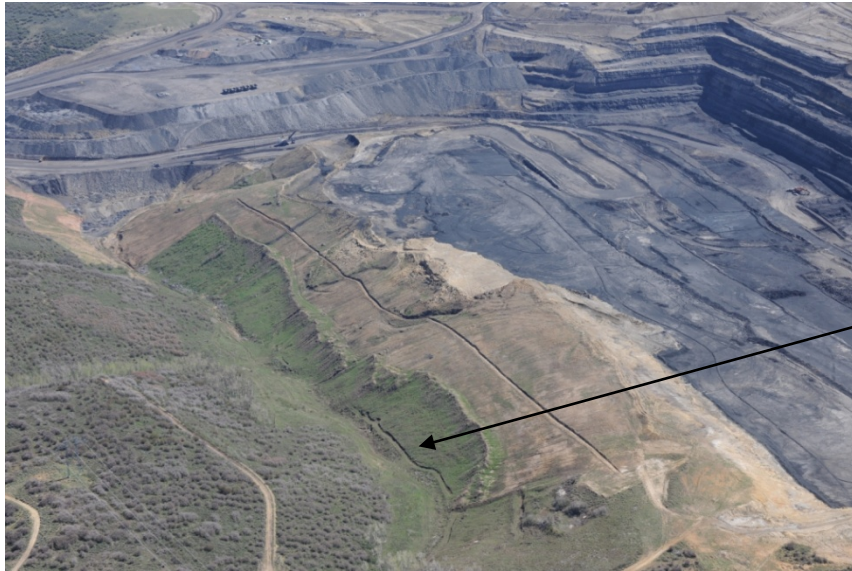
### **PHOTOGRAPHS**



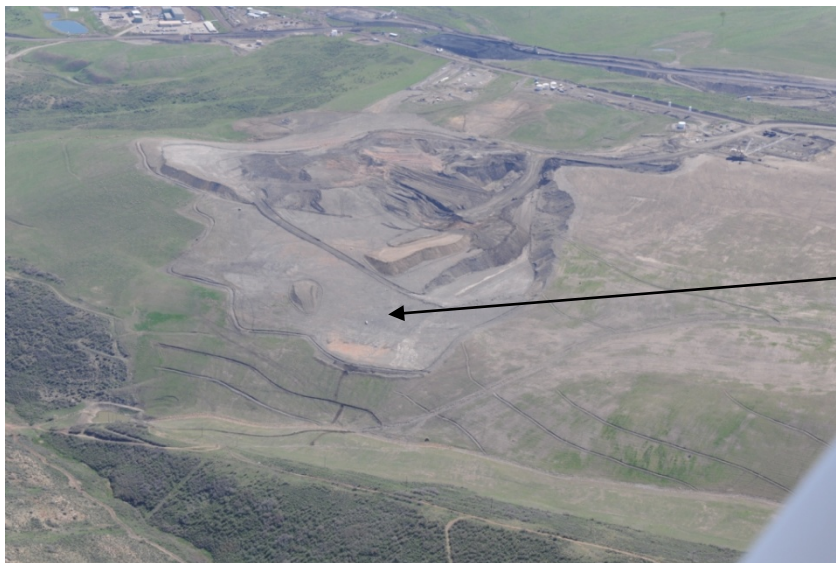
**SL-07 Area (EP-057) in middle of photo. Some contour ditches may have blown out.**

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**Topsoil Stockpile 16I**

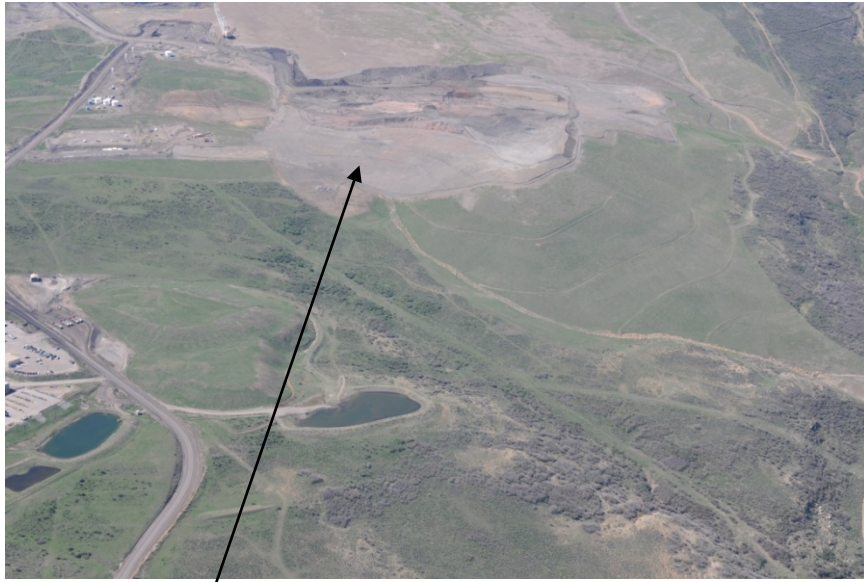


**East Taylor Pond (lower left of photo) and “Hink’s Peak”**

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**SL-07 Area (WP018)**



**Streeter Pond**

Number of Partial Inspection this Fiscal Year: 10

Number of Complete Inspections this Fiscal Year: 3



**Gulch A Pond**



**Prospect Pond**

Number of Partial Inspection this Fiscal Year: 10

Number of Complete Inspections this Fiscal Year: 3