



PERMIT INFORMATION

Permit Number: C-1996-084 Mine Name: Lorencito Canyon Mine Operator: New Elk Coal Company, LLC Operator Address: Mr. Louis Head 12250 Highway 12 Weston, CO 81091	County: Las Animas Operation Type: Surface Permit Status: Permanent Cessation Ownership: Private
	Operator Representative Present: None
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: October 11, 2017 Inspection Start Time: 12:34 Inspection End Date: Inspection End Time:	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): Harry B. Ranney	Inspector's Signature: <i>Phet D. Zh</i> Signature Date: 10/12/2017

Inspection Topic Summary

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

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

COMMENTS

The Lorencito Canyon Mine was photographed from an airplane by Harry Ranney of DRMS on October 11, 2017. These photos were reviewed by Rob Zuber of DRMS on October 12, 2017. The weather was clear.

EXCESS SPOIL and DEVELOPMENT WASTE – Rule 4.09

Placement; Drainage Control; Surface Stabilization:

Fills 7, 8, and 9 were generally in good condition.

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 8 and 9 were inspected closely, and both contained a large amount of water. No issues were identified with embankments or spillways. As in the past, the bank opposite the Pond 9 embankment (inlet side) is highly eroded.

The embankments of Ponds 6, 7, and 9A were not seen, but it could be determined that each of these ponds held significant volumes of water.

ROADS – Rule 4.03

- Construction 4.03.1(3)/4.03.2(3)
- Drainage 4.03.1(4)/4.03.2(4)
- Surfacing and Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6)
- Reclamation 4.03.1(7)/4.03.2(7):

No problems with roads were identified.

Number of Partial Inspection this Fiscal Year: 4
 Number of Complete Inspections this Fiscal Year: 1

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The northwest portion of the large hill (aka “the knob”) appears to have many rills requiring maintenance. The north and east sides appear to be in good shape. The south side of the knob was not visible in the photos.

Rills appear to be stabilizing on the hillside above the area where pond cleanings are dumped.

ENFORCEMENT ACTIONS/COMPLIANCE

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

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



Pond 8 and Fill 8 with “the knob” in upper right part of photo

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Number of Complete Inspections this Fiscal Year: 1



Fill 8 and pond cleanings dump area

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Number of Complete Inspections this Fiscal Year: 1



Fill 9 (lower left) and Fill 7 (upper right)

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1



Pond 9

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1