

1313 Sherman Street, Room 215, Denver, CO 80203 P 303.866.3567 F 303.832.8106 http://mining.state.co.us

PERMIT INFORMATION

Permit Number:C-1996-084CMine Name:Lorencito Canyon MineCOperator:New Elk Coal Company, LLCPOperator Address:CMr. Louis Head12250 Highway 12CWeston, CO 81091C

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 2 Inspection Start Time: 13:00 Inspection End Date: October 29 Inspection End Time: 15:00			Inspection Type: Aerial Inspection Reason: Normal I Weather: Clear	
Joint Inspection Agency:		Joint Inspection Contacts:		
None				
Post Inspection Agency:		Post Inspection Contacts:		
None				
Inspector(s):	Inspecto	r's Sig	nature:	Signature Date:
Robert D. Zuber, P.E.	Phot	D.	21-	
Harry B. Ranney				10/29/2018

Inspection Topic Summary

NA - Air Resource Protection	R - Roads
N - Availability of Records	R - Reclamation Success
NA - Backfill & Grading	Y - 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	Y - 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 25, 2018. These photos were reviewed by Rob Zuber of DRMS on October 29, 2018. The weather was clear.

EXCESS SPOIL and DEVELOPMENT WASTE – Rule 4.09 Placement; Drainage Control; Surface Stabilization:

No large rills or other problems were identified with Fills 7, 8, or 9.

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 6, 7, 8, 9, and 9A were inspected, and all contained water. No issues were identified with embankments or spillways.

No erosion problems or other issues were identified with any ditches. Check dams in ditches (D5, D8, D9, D64, and D71) also appeared to be functioning well.

ROADS – Rule 4.03 Construction 4.03.1(3)/4.03.2(3), Drainage 4.03.1(4)/4.03.2(4), Surfacing and Maintenance4.03.1(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 <u>Partial</u> Inspection this Fiscal Year: 3 Number of <u>Complete</u> Inspections this Fiscal Year: 1

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The east, west, and north sides of the large hill (aka "the knob") have many rills. NECC should continue to monitor these to determine which rills require maintenance. The same is true for other hills within the disturbed area, including the hill south of Fill 8 (above the sediment dump area) and the hill above Pond 6.

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS



Pond 8 and lower portion of Fill 8



Fill 9, the eastern portion of "the knob" and two sediment ponds

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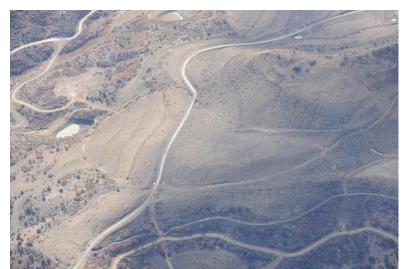


"The knob" with ditches on north side of this hill (in foreground of photo)





Number of <u>Partial</u> Inspection this Fiscal Year: 3 Number of <u>Complete</u> Inspections this Fiscal Year: 1



Fill 9 and Pond 9a (pond on left side of photo)



Fill 7, Pond 7, and Pond 6