




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: May 25, 2017 Inspection Start Time: 15:30 Inspection End Date: Inspection End Time:	Inspection Type: Coal Partial 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): Robert D. Zuber, P.E.	Inspector's Signature and Signature Date:  5/31/2017

Inspection Topic Summary

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

NA - Air Resource Protection

N - Availability of Records

NA - Backfill & Grading

R - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

Y - Roads

R - Reclamation Success

Y - Revegetation

NA - Subsidence

Y - Slides and Other Damage

NA - Support Facilities On-site

Y - Signs and Markers

Y - Support Facilities Not On-site

N - Special Categories Of Mining

N - Topsoil

COMMENTS

A partial inspection was conducted by Rob Zuber of DRMS on May 25, 2017. The weather was windy, clear and warm. The ground was mostly dry. No NECC employees were present for the inspection.

EXCESS SPOIL and DEVELOPMENT WASTE – Rule 4.09

Placement; Drainage Control; Surface Stabilization:

Fills 7, 8, and 9 were inspected; all were in good condition. No large bare areas or weed patches were seen, and there is good vegetation growth on all three fills. There were no signs of instability or erosion on the faces, and the rills on Fill 7 are healing.

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:

The following ponds were inspected: 6, 7, 8, 9, and 9A. All of them were holding significant amounts of turbid water from recent storms. Ponds 8, 9, and 9A were discharging clear water. Embankments and spillways were generally in good condition. The rills on the downstream side of the Pond 9 embankment appear to be functioning well but could use maintenance.

No problems were identified with the ditches and check dams above Pond 6 and the ditch east of this pond. Likewise, the lower contour ditch that drains the smaller portion of Fill 7 (southwest of the main Fill 7) appears to be in good shape.

Number of Partial Inspection this Fiscal Year: 9

Number of Complete Inspections this Fiscal Year: 3

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

Wattle and rill repair are needed in several areas, including (but not limited to):

- *The hill above the pond cleaning dump area.
- *The small drainage southeast of the shrub plot.
- *The hillside northeast of the shrub plot (west side of “the knob”).
- *The hillside above Pond 6 (where Fill 6 was planned).

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS



Hillside above Pond 6

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Ditch east of Pond 6



Contour ditch on small portion of Fill 7

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Fill 7



Fill 7 – rills healing

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Pond 7



Shrub plot

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Erosion near shrub plot



Need for wattle repair on west side of “the knob”

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Need for wattle repair on hill west of the shrub plot (above dump area for pond cleanings)



Fill 8

Number of Partial Inspection this Fiscal Year: 9

Number of Complete Inspections this Fiscal Year: 3



Fill 9 and Pond 9A

Number of Partial Inspection this Fiscal Year: 9

Number of Complete Inspections this Fiscal Year: 3