




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: Vince Massarotti
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: March 22, 2019 Inspection Start Time: 12:30 Inspection End Date: March 22, 2019 Inspection End Time: 14:40		Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Program Weather: Cloudy	
Joint Inspection Agency: None		Joint Inspection Contacts: 	
Post Inspection Agency: None		Post Inspection Contacts: 	
Inspector(s): Robert D. Zuber, P.E.	Inspector's Signature: 		Signature Date: 3/22/2019

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

N - Fish & Wildlife

R - Hydrologic Balance

N - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

N - Roads

R - Reclamation Success

R - Revegetation

NA - Subsidence

Y - Slides and Other Damage

NA - Support Facilities On-site

N - 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 March 21, 2019. The weather was cloudy and cool. The ground was mostly dry. Vince Massarotti of NECC was present for the inspection.

EXCESS SPOIL and DEVELOPMENT WASTE – Rule 4.09

Placement; Drainage Control; Surface Stabilization:

Fills 7, 8, and 9 were inspected. No new large rills or gullies were seen. The rills on Fill 7 are healing well, including the large one near the pond; branches are working to stabilize this feature.

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 ponds contained some water, except Pond 7. None of them were discharging. No problems were identified with embankments, spillways, or other features of the ponds, although the spillway at Pond 9 should be watched closely. It could be leaking, as water was seen at the downstream end of the spillway despite the water level in the pond being well below the spillway. Possibly this was a remnant of melting ice in the spillway.

The following ditches (at least significant segments of them) were inspected: D5, D7, D9, D15, D71, D74, and D86. Rills in Ditch D7 should be repaired. Some bare spots were seen in some side ditches at fills (e.g., D74 at Fill 7), and these should be monitored for erosion problems. No problems were found with other ditches.

Number of Partial Inspection this Fiscal Year: 6Number of Complete Inspections this Fiscal Year: 3

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No erosion or other problems were seen with BA-3 (it was viewed from across the creek).

The hill known as “the knob” looked to be generally stable, with no gullies.

The rills on the hillside above Pond 6 have not gotten worse, but should be treated. Vince indicated that he planned to put branches there soon. Branches have been placed recently in rills on the hillside above the pond cleaning dump area.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

Green grass is emerging on the site at the fills and other areas.

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: 6

Number of Complete Inspections this Fiscal Year: 3

PHOTOGRAPHS



Hillside above Pond 6



Pond 6 and quarry

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3



Pond 7



Fill 7

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3



Ditch D7



Ditch D15

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3



Fill 8 and “the knob”



Hill above pond cleaning dump area

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3



Fill 9



Pond 9A

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3