




COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

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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: Nick Mason
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: January 30, 2019 Inspection Start Time: 07:00 Inspection End Date: January 30, 2019 Inspection End Time: 09:00		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: 		Signature Date: 1/31/2019

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

R - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

Y - Roads

R - Reclamation Success

N - 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 January 30, 2019. The weather was clear and very cold (approximately 9 degrees F). The ground was mostly snow covered. Nick Mason 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 large rills or gullies were seen.

FISH and WILDLIFE – Rule 4.18:

A large herd of elk (approximately 200 animals) was seen moving above Fill 8.

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, 8, and 9A. Pond 9 was viewed from the road above. They all contained some snow and ice. None of them were discharging. No problems were identified with embankments, spillways, or other features of the ponds.

No significant problems were found with ditches. In particular, the following ditches (at least significant segments of them) were inspected: D5, D9, D15, D71, D83, D84, and D86. The riprap in D84 appears to be stable as it has not shifted considerably from past inspections.

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 2

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 stable, with no gullies. Rills were seen (as in the past), and NECC staff has treated them with branches on the west side. More work needs to be done this winter, prior to spring 2019 runoff.

As noted in the past, there are many rills on the hillside above Pond 6 and on the hillside above the pond cleaning dump area.

ENFORCEMENT ACTIONS/COMPLIANCE

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

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Number of Complete Inspections this Fiscal Year: 2

PHOTOGRAPHS



Fill 8



Ditch D15 and hill above (ditch is circled)

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Lower portion of Fill 8 and ditches D83 (left side) and D84



Ditch D86

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Hill above dump area for pond sediment



Pond 6

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 2



Ditch D9 with check dams



Ditch D71

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 2



Ditch D5 and sump above culvert C4



Fill 7

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 2



Pond 9 from road above



Pond 9a and Fill 9

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 2