




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 19, 2018 Inspection Start Time: 10:30 Inspection End Date: Inspection End Time:		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: 1/23/2018

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

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

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 19, 2018. The weather was partly cloudy, and the ground was mostly dry. 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 (only a portion of Fill 9 was seen, from above). All were generally in good condition with good vegetation cover. The channel below Fill 8 appeared to be stable. NECC has placed large rocks to protect the partially bare bank of this channel (see photos).

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:

Culvert C9 was found to be essentially clear of sediment, and the sumps at either end of this culvert were functioning. Ditch D86, which is immediately upgradient of C9, was found to be in good shape. The wattles appear to be stable and functioning well. Recent improvements to D86 have diverted runoff from a steep, armored channel above the road and Culvert C10. This channel appears stable but warrants continual monitoring to prevent a serious erosion problem, especially after large rain events.

Three ponds were inspected: 6, 8, and 9. All three of these ponds were holding water but not discharging. No problems were identified with embankments or spillways.

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 2

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The hillside above Pond 6 looked relatively stable. The rills do not appear to be getting worse.

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: 7

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PHOTOGRAPHS



PHOTO FROM NOVEMBER 2017

Channel below Fill 8



Channel below Fill 8 (January 2018) – channel has remained stable

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Fill 8



Pond 8 – steep slope appears stable

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Channel above Culvert C10



Hillside above Pond 6

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Fill 7

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 2