




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

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-1996-084 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, Bill Massarotti, Nick Mason
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: September 21, 2017 Inspection Start Time: 13:30 Inspection End Date: Inspection End Time:		Inspection Type: Coal Complete 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: 9/26/2017

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

N - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

R - Roads

R - Reclamation Success

N - Revegetation

NA - Subsidence

N - Slides and Other Damage

NA - Support Facilities On-site

N - Signs and Markers

N - Support Facilities Not On-site

N - Special Categories Of Mining

N - Topsoil

COMMENTS

A complete inspection was conducted by Rob Zuber of DRMS on September 21, 2017. The weather was clear, and the ground was mostly dry. Vince Massarotti, Bill Massarotti, and Nick Mason of NECC were present for the inspection. The field portion of the inspection was very short due to the landowner's requirements related to hunting season (need to leave the site by 3 PM) and NECC staff schedules (Friday the 22nd was an off day).

EXCESS SPOIL and DEVELOPMENT WASTE – Rule 4.09

Placement; Drainage Control; Surface Stabilization:

Fills 7, 8, and 9 were inspected (Fill 8 from below on the highway and the others from the tops of the fills). All were generally in good condition with good vegetation cover.

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:

Two ponds were inspected: 6 and 9A. Pond 6 was holding water but not discharging. No problems were seen at Pond 6. Pond 9A was only viewed from the fill above. It was holding water, but it could not be seen if it was discharging. The repair on the Pond 9A dam was stable.

During the inspection, NECC staff was cleaning sediment from check dams (which act as sumps) above Pond 6.

Number of Partial Inspection this Fiscal Year: 2Number of Complete Inspections this Fiscal Year: 1

ROADS – Rule 4.03

Construction 4.03.1(3)/4.03.2(3)

Drainage 4.03.1(4)/4.03.2(4)

Surfacing and Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6)

Reclamation 4.03.1(7)/4.03.2(7):

The ditch beside the road to Pond 6 has been cleared of sediment.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

On the hill above Pond 6, rills are still in need of repair.

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: 2

Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



Roadside ditch on way to Pond 6



Hillside above Pond 6

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Fill 7



Fill 9 (repair within circle)

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Expires 11/7/2017
Permit Application w/Revisions	yes
Findings Document	MT4 (Jan. 2016)
Insurance Certificate	Exp. April 2018
Bond Document	\$927,121.00
Phased Bond Release	SL2,
Documents/Findings	Findings 4/29/08
Air Emission Permits	Terminated
County Special Use Permits	SUP-01-020
UG Mining Landowner Notification	n/a
Subsidence Monitoring Reports	n/a
Subsidence Monitoring Data	n/a
Rill & Gully Survey	n/a
Vegetation Monitoring Data	
Specific Variance Approvals	n/a
Annual Reclamation Reports	2016
Midterm Review Documents	MT4 (findings Jan. 2016)
DRMS/OSM Inspection	Through
Reports/Enforcement Actions	July 2017
Transfers/Succession of Operator	Executed 2008
Temporary Cessation Notification	n/a
Reclamation Cost Estimate	RN3, \$916,169
CERTIFICATIONS	
Pond Certifications	Yes, Exhibit 15
Annual Certifications for Impoundments	n/a
Fill Certifications for Excess Spoil or Underground Development Waste	yes
• Quarterly Inspections	Q2 2017
• Compaction Testing	
• Final Certification	
Coal Processing Waste Banks	n/a
Haul Road Certifications	yes
Access Road Certifications	yes

HYDROLOGIC RECORDS

NPDES Permit	CO0048988 (unsigned)
NPDES Records	Q3 2015 (terminated monitoring)
Stormwater Management Plan	2007
SPCC Plan	n/a
MSHA Pond Inspections	n/a
State Engineer's Pond Inspection	n/a
Quarterly Pond Inspections	Q3 2016
Annual Hydrology Reports	Terminated
• Ground Water Monitoring	
• Surface Water Monitoring	
• Spring & Seep Monitoring	
• Mine Water Discharge Monitoring	
• Mine Inflow Study	
• Water Consumption Records	
Well Permits	201451, 201453- 201476

BLASTING RECORDS

Blasting Publication	n/a
Blasting Records (3 years)	n/a
ATFE Explosives Permit	n/a
Blasting Variances	n/a
Pre-Blast Surveys	n/a

**ADDITIONAL RECORDS
(specify)**

None at this time	

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