




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

INSPECTION INFORMATION

Inspection Start Date: March 15, 2018 Inspection Start Time: 10:00 Inspection End Date: March 16, 2018 Inspection End Time: 10:00		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. Jason D. Musick		Inspector's Signature:  Signature Date: 3/20/2018	

Inspection Topic Summary

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

NA - Air Resource Protection

Y - 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

Y - Special Categories Of Mining

Y - Topsoil

COMMENTS

A complete inspection was conducted by Jason Musick and Rob Zuber of DRMS on March 15 and 16, 2018. The inspection on the 15th entailed the records check only. The weather on the 16th was clear, and the ground was dry. Nick Mason and Vince Massarotti of NECC 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 generally in good condition with good vegetation cover. The rills on Fill 7 appear to be healing well. The ditch below Fill 8 appears to be stable.

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:

Several ponds were inspected: 6, 7, 8, 9, and 9A. All but Pond 7 were holding water. None of them were discharging. No problems were identified with embankments or emergency spillways.

The upper end of Ditch D76 is in good shape. (The lower portion was not inspected.) Improvements of Ditch D86 look to be stable and functioning.

Number of Partial Inspection this Fiscal Year: 8Number of Complete Inspections this Fiscal Year: 3

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

Rills on the hillside above Pond 6 and on the hillside above the pond cleaning dump area need repair.

The borrow area by Pond 6 (BA-3 on Map 2.05.3-6 of PAP) was inspected and appears to have been reclaimed several years ago. To facilitate future bond release, this reclamation requires documentation by NECC, as discussed with Louis Head.

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS

Fill 8

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Channel below Fill 8 where Vince Massarotti performed rock work in 2017



Hillside above pond cleaning dump area

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BA-3 borrow area



Fill 7

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Fill 9 and Pond 9A

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Expired 11/7/2017 (RN-04 pending)
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	2017 ARR
Vegetation Monitoring Data	
Specific Variance Approvals	n/a
Annual Reclamation Reports	2017
Midterm Review Documents	MT4 (findings Jan. 2016)
DRMS/OSM Inspection	Through
Reports/Enforcement Actions	Feb. 2018
Transfers/Succession of Operator	Executed 2008
Temporary Cessation Notification	n/a
Reclamation Cost Estimate	MT4, \$842,218
CERTIFICATIONS	
Pond Certifications	Yes, Exhibit 15
Annual Certifications for Impoundments	n/a
Fill Certifications for Excess Spoil or Underground Development Waste	2003
• Quarterly Inspections	Q4 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 SPCC Plan	2007 n/a
MSHA Pond Inspections	n/a
State Engineer's Pond Inspection	n/a
Quarterly Pond Inspections	* Comment 1
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	

Comments

*1 Through Q2 2017. Staff to contact Ron Thompson for newer reports.

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