

Hernandez, Alysha

From: Burgmaier, Susan
Sent: Wednesday, March 14, 2012 9:23 PM
To: 'Karo, Roy'
Cc: DRMS-Coal-Admin; Brown, Sandy; 'James, Jay'
Subject: Seneca IIW Mine C1982057 March 13 2012 Complete Inspection
Attachments: Seneca IIW March 13 2012 Complete.pdf

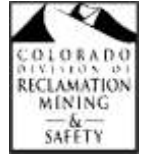
Hi Roy – my inspection report is attached. I spoke with Jay about Stock Tank T1 at IIW. He seemed to recall that the impoundment was intentionally removed from the map because it was no longer needed on the ground. I told him that it was definitely in place on the ground and appeared to be serving a purpose, but suggested that he discuss it with you. You can either leave it on the ground and put it back on the map (Exhibit 13-2) with an MR, or remove it on the ground (breach the “embankment” so it drains). Let me know what you guys decide, please.

Susan L. Burgmaier

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COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY COAL PROGRAM INSPECTION REPORT



PERMIT INFORMATION

Permit Number: C-1982-057 Mine Name: Seneca II-W Mine Operator: Seneca Coal Company, LLC Operator Address: Mr Roy Karo 37796 Routt County Road 53 P.O. Box 670 Hayden, CO 81639	County: Routt Operation Type: Surface Permit Status: Active Ownership: Federal
	Operator Representative Present: Roy Karo
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: March 13, 2012 Inspection Start Time: 14:30 Inspection End Date: March 14, 2012 Inspection End Time: 11:30	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): Susan L. Burgmaier	Inspector's Signature: 	Signature Date: 03/14/12

Inspection Topic Summary

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

NA - Air Resource Protection

R - Availability of Records

Y - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

R - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

NA - Other

NA - Processing Waste

R - Roads

Y - Reclamation Success

Y - Revegetation

NA - Subsidence

R - Slides and Other Damage

Y - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

Y - Special Categories Of Mining

Y - Topsoil

COMMENTS

This was a complete inspection of the Seneca IIW Mine conducted by Susan Burgmaier of CDRMS. Roy Karo of Seneca Coal Company was present during the inspection. Ground conditions at lower elevations were wet and muddy; the upper reaches of the mine areas were still covered by about 8" of snow. Only the lower areas were accessible by vehicle, as the upper roads had not been plowed.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

Records were inspected at the Sage Creek mine office and at the Seneca IIW mine office. All required records were available, as documented below.

FISH and WILDLIFE – Rule 4.18:

The area has been utilized extensively by elk and deer, as evidenced by the numerous game trails throughout the permit area.

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:

Ponds 005 and 006 were both discharging. Stock tanks T-1, T-2, T-3, and T-5 all held water. Stock Tank T-3 will need to be cleaned out this year; there was a fair amount of sediment in a delta at the outlet of Culvert A-1. Ponds 009, 015, 016, and 017 and Stock Tanks 18, 20, 25, 26, and 27 were inaccessible. The reconstructed section of Gulch 006 appeared to be stable.

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):

Roads were muddy or snow covered. The only accessible roads were Road G to Pond 005, and Road A around to the Ridgeline Access road to LU-1A. Water was running down the Road G and Road A ditches. Ice

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dams in the ditches on

Road G near Pond 005 and Road A at the facilities area had caused runoff to leave the channel in places, but the operator corrected the situation during the inspection.

SLIDES and DAMAGE - Rule 4.12:

No signs of movement were observed at any of the know areas of instability, nor were any new areas of instability observed. Much of the mine area was covered in snow, so detailed observations were not possible.

SUPPORT FACILITIES - Rule 4.04:

The facilities area was fairly saturated, but drainage ditches and culverts were functional.

SIGNS AND MARKERS – Rule 4.02:

Signs and markers were in place as required along the stream buffer zone, at the mine entrance, and along the permit boundary.

TOPSOIL – Rule 4.06 Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

The recently topsoiled areas along Road A were in good condition. Very few rills were observed; the straw wattles placed by the operator had been effective at preventing channelized flow.

DOCUMENTS RECEIVED

OTHER (SPECIFY)

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ENFORCEMENT ACTIONS/COMPLIANCE

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

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PHOTOGRAPHS



A Pit/Upper 006
Drainage

B Pit and Substation



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Looking down 006
Drainage to Pond 006



006 Drainage
and Oil well site

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Sediment
Delta in
Stock Tank
T2

Reconstructed 006
Gulch



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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	X Exp 12/31/15
Permit Application w/Revisions	X @Sage Creek Office
Findings Document	X PR-6 2012
Insurance Certificate	X Exp 11/1/2012
Bond Document	X SB \$6,743,430
Phased Bond Release	X SL2
Documents/Findings	
Air Emission Permits	NA
County Special Use Permits	X 2014
UG Mining Landowner Notification	NA
Subsidence Monitoring Reports	NA
Subsidence Monitoring Data	NA
Rill & Gully Survey	X 2011
Vegetation Monitoring Data	X 2010
Specific Variance Approvals	X PAP
Annual Reclamation Reports	X 2010
Midterm Review Documents	X 2008
DRMS/OSM Inspection	X
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	X 1994
Temporary Cessation Notification	NA
Reclamation Cost Estimate	X SL2
CERTIFICATIONS	
Pond Certifications	X PAP
Annual Certifications for Impoundments	X 2011 (Sept '11)
Fill Certifications for Excess Spoil or Underground Development Waste	NA
• Quarterly Inspections	NA
• Compaction Testing	NA
• Final Certification	NA
Coal Processing Waste Banks	NA
Haul Road Certifications	X PAP
Access Road Certifications	X PAP

HYDROLOGIC RECORDS

NPDES Permit	X Exp 10/31/2011
NPDES Records	X 4 th Q 2011
Stormwater Management Plan	Jan 25 2011
SPCC Plan	X December 15, 2010
MSHA Pond Inspections	NA
State Engineer's Pond Inspection	NA
Quarterly Pond Inspections	X 4 th Q
Annual Hydrology Reports	X 2010
• Ground Water Monitoring	X
• Surface Water Monitoring	X
• Spring & Seep Monitoring	X
• Mine Water Discharge Monitoring	NA
• Mine Inflow Study	NA
• Water Consumption Records	Dec 2011
Well Permits	X Aug 1990

BLASTING RECORDS

Blasting Publication	NA
Blasting Records (3 years)	NA (last blast Jan '06)
ATFE Explosives Permit	NA
Blasting Variances	PAP
Pre-Blast Surveys	PAP

ADDITIONAL RECORDS (specify)

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