



**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: Permanent Cessation Ownership: Federal
	Operator Representative Present: Roy Karo
Operator Representative Signature: (Field Issuance Only)	

INSPECTION INFORMATION

Inspection Start Date: July 30, 2013 Inspection Start Time: 08:30 Inspection End Date: July 30, 2013 Inspection End Time: 11:30		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): Michael P. Boulay	Inspector's Signature: <i>Michael P. Boulay</i>		Signature Date: August 7, 2013

Inspection Topic Summary

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

N - Air Resource Protection

N - Availability of Records

N - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

N - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

NA - Other

N - Processing Waste

Y - Roads

N - Reclamation Success

R - Revegetation

N - Subsidence

R - Slides and Other Damage

N - Support Facilities On-site

N - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

N - Topsoil

COMMENTS

This was a partial inspection of the Seneca II-W Mine conducted on July 30, 2013 by Mike Boulay of the Division of Reclamation, Mining and Safety. Roy Karo of Seneca Coal Company was present during the entire inspection. Weather conditions were sunny and warm. Ground conditions were dry throughout the mine site. There was no activity at the mine site at the time of the inspection.

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:

Site Sedimentation Ponds 005, 006, and 016 were inspected. Ponds 006 and 016 were nearly full, but were not discharging. Pond 005 was retaining water at a level of about 2-3 feet below the primary spillway. Pond embankments were stable and well vegetated. Pond inlets and discharge structures at all of these pond locations were in good condition and no problems were noted.

The groundwater seep that resulted from the damaged and subsequently abandoned monitoring wells at the inlet of Pond 016 was inspected. It continues to flow at a low rate and is routed by a French drain to Pond 016. The location of the seep is well armored with riprap and remains stable.

Cattle were grazing in the Pond 016 watershed in the vicinity of Stock Ponds 27 and 28. These stock ponds were retaining significant amounts of water.

Several surge ponds were viewed and they appear to be in good condition and functional.

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0

REVEGETATION – Rule 4.15**Vegetative Cover; Timing:**

Overall the reclaimed areas of the mine site looked good with no significant erosion or instability problems identified. Vegetation in the former A and B Pits has become fairly well established.

SLIDES and DAMAGE - Rule 4.12:

The slide area located in the vicinity of the Pond 016 access road was inspected. A couple small cracks are apparent in vicinity of the original slide location. They appear to be minimal at this time. SCC will continue to visually monitor the slide damaged area for any additional movement or instability.

DOCUMENTS RECEIVED

None

OTHER (SPECIFY)

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were taken as a result of this inspection and none are pending.

Number of Partial Inspection this Fiscal Year: 1
Number of Complete Inspections this Fiscal Year: 0

PHOTOGRAPHS



Groundwater seep at Pond 016



Stock ponds in Pond 016 watershed



Surge pond in pond 017 drainage

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0



Good vegetation reestablishment in reclaimed area



Panorama of reclaimed A & B Pits



Slide damaged area above Pond 016

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0