




**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: September 26, 2013 Inspection Start Time: 07:00 Inspection End Date: September 26, 2013 Inspection End Time: 13:00	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): Jared L. Ebert	Inspector's Signature:  Signature Date: October 3, 2013

Inspection Topic Summary

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

Y - Air Resource Protection

N - Availability of Records

N - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

R - Other

R - Processing Waste

NA - Roads

N - Reclamation Success

R - Revegetation

N - Subsidence

R - Slides and Other Damage

Y - Support Facilities On-site

N - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

R - Topsoil

COMMENTS

This was a partial inspection of the Seneca II-W Mine; permit no. C-1982-057 operated by Seneca Coal Company(SCC). I Jared Ebert with the Colorado Division of Reclamation, Mining and Safety (Division) conducted the inspection. Mr. Roy Karo with SCC was aware of the inspection but did not accompany me into the field. The weather during the inspection was sunny and warm.

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:

Pond 009 was holding water but was not discharging. The embankment was stable and vegetated and the primary and emergency spillway was clear and functional.

Pond 015 was holding water but was not discharging. Cows were grazing around the pond area. The impoundment embankment was stable and vegetated. The primary and emergency spillway was clear and functional.

Pond 005 was holding water but was not discharging. A small spring at the base of the embankment was discharging. The primary and emergency spillway was clear and functional.

Stock pond T-22 was observed. The impoundment embankment was in place and appeared stable and vegetated. The bottom of the impoundment is boggy with a healthy stand of cattails established.

Drainages PM-5A and 5B were observed. These drainages are lined with rip-rap and appear stable and functional.

The rill formed in drainage PM 4-D has not been repaired.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1

Culvert J-2A was measured and found to be 60 inches in accordance with the approved design.

The PM 1, 1-A and 1-B drainages were observed. Stock pond T-25 has become a surge tank and a rill is forming below the shrub enclosure near the surge tank.

Several surge tanks have been constructed along the PM 1 and 1-A channels. Several PVC riser pipes are missing and will need to be replaced.

The upper reaches of PM 1-B are lined with turf re-enforced matting. Rills have formed in the middle of this channel and need to be monitored and repaired in places.

Pond 017 is holding water and discharging. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional.

Pond 006 is holding water and discharging. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional.

OTHER (SPECIFY):

An aspen tree had been blown over inhibiting access to the LU-5 road.

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 LU1B access road was observed. The powerline is in place along the road. The road itself is a simple two track road that is very overgrown in places with native grasses and shrubs.

The Mine Entrance Road, Road J, Road K, Road G and the Ridgeline Access Road are graded and maintained.

REVEGETATION – Rule 4.15, Vegetative Cover; Timing:

The 005 Gulch basin was observed. Cows were grazing throughout the basin. Overall the vegetation in the basin is well established.

The 006 Gulch basin was observed. Overall the vegetation in the basin is well established and the area appeared stable.

A shrub enclosure is located north of drainage PM 4-D. The enclosure was inspected. Water appears to collect in a small depression inside the enclosure and a small marshy area has formed. Planted aspen trees and willow have well established. A fence post on the southwest corner of the enclosure is broken and down, it appears animals have been browsing inside the enclosure. If it is still the desire of the Operator/landowner to exclude wildlife from this area, the fence should be repaired.

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SLIDES and DAMAGE - Rule 4.12:

The Pit Ramp Slide area was observed. Overall it does not appear the slide area has changed from the last inspection. The remediation activities seem to be functioning.

A gully has formed below PM 1-B that eventually runs into PM 1. This gully will need to be repaired.

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

Reclamation activities in the former Pond 016A area have continued. SCC is spreading topsoil from a stockpile adjacent to the PM-2A drainage (possibly the former stockpile ZZ) around the remediation area.

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PHOTOGRAPHS



Stock pond T-22



006 Gulch drainage basin from north end looking south.



Stock pond T-22



LU-1B road.



005 Gulch drainage basin, stock pond T-18 visible.



Tree/Shrub enclosure north of PM 4-D.

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Reclamation at the former Pond 016A site.
Topsoil application.



PM-1 drainage



Reclamation at the former Pond 016 slide area.
Topsoil application.



PM-1B drainage channel.



PM-3 drainage basin.

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