



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



PERMIT INFORMATION

Permit Number: C-1994-082 Mine Name: Yoast 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:	
Operator Representative Signature: (Field Issuance Only)	

INSPECTION INFORMATION

Inspection Start Date: July 30, 2013 Inspection Start Time: 11:45 Inspection End Date: July 30, 2013 Inspection End Time: 13:20	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

NA - Processing Waste

N - Roads

N - Reclamation Success

N - Revegetation

NA - Subsidence

N - Slides and Other Damage

NA - 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 Yoast Mine conducted on July 30, 2013 by Mike Boulay of the DRMS. Roy Karo of Seneca Coal Company (SCC) was present during the entire inspection. Weather conditions were sunny and warm and ground conditions were dry.

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;

Sedimentation Ponds 012, 013, and 014 were inspected. All of the ponds were retaining significant amounts of water but were not discharging. All sediment pond structures were stable and no problems were noted at any of the pond locations.

Pond 012 has been significantly impacted by the slide damaged area immediately north of the pond (see attached Photograph No. 1). Substantial slide repair work has been completed over several years at this location and it now appears that the area is stabilizing. There was no indication of additional slumping or cracking noted during this inspection.

Formation of a significant rill was noted in the Pond 012 watershed uphill of Pond 012 (see Photo No. 2). This rill should be filled and regarded to prevent further erosion and damage to the vegetation in this area. This small area should be seeded this fall after the erosion has been repaired.

A portion of Post Mine Channel YPM-7 has been damaged from recent rainstorms. The location is below the former Haul Road. A trackhoe was working to repair the drainage at the time of this inspection (Photo No. 3).

The lower Annand Draw drainage was inspected. The rock check dams that were constructed here have performed well. The check dams have filled in with sediment allowing thick vegetation to grow in the channel

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0

bottom (Photo No. 4). The significant erosion that had occurred in this stretch of the lower Annand Draw has healed and the sediment control structures worked as designed by controlling the erosion and preventing further damage to the channel.

The deadhead route where the 650 dragline was walked across a portion of Mr. John Maneotis's property in 1996 was inspected. The location is to the west of former Haul Road A. It was necessary to access Mr. Maneotis's property in 1996 in order to clear the 650 dragline beneath the PSCo/WAPA power lines that crossed Haul Road A. The deadhead route to walk under the power lines was reclaimed shortly after it was utilized and this included a reclaimed drainage channel design. In 2007 the channel was redesigned and reconstructed to provide a steeper gradient due to water backing up in the channel and to repair a hillside seep that had formed above and adjacent to the channel. The reconstructed channel has held up well and is functioning as intended. The seep was repaired by installing a French drain which diverts the flow to the drainage channel below. The seep repair is also functioning properly. The constructed channel on the Maneotis property and the former deadhead route location is shown in Photo No. 5.

DOCUMENTS RECEIVED

None

OTHER (SPECIFY)

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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.

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PHOTOGRAPHS



Photo No. 1 - Pond 012



Photo No. 2 - Rill forming above pond 012



Photo No. 3 - Trackhoe repairing YPM-7

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Photo No. 4 – Lower Annand Draw



Photo No. 5 - Former deadhead route on Maneotis property.

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