




**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 27796 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: None
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: October 2, 2012 Inspection Start Time: 07:30 Inspection End Date: October 3, 2012 Inspection End Time: 15:30	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): Jared L. Ebert Susan L. Burgmaier	Inspector's Signature:  Signature Date: 11 October 2012

Inspection Topic Summary

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

Y - 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

Y - Roads

Y - Reclamation Success

R - Revegetation

NA - Subsidence

R - Slides and Other Damage

NA - Support Facilities On-site

Y - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

R - Topsoil

COMMENTS

This was a complete inspection of the Yoast Mine operated by the Seneca Coal Company, LLC. Permit No. C-1994-082. I, Jared Ebert and Susan Burgmaier of the Colorado Division of Reclamation, Mining and Safety conducted the inspection. Roy Karo of Seneca Coal Company was aware of the inspection but did not accompany us during the site inspection. The wather was clear and warm.

AIR RESOURCE PROTECTION – Rule 4.17:

A records check was conducted; please see the end of the report for details.

FISH and WILDLIFE – Rule 4.18:

Several ducks were observed in Pond 010 and 012.

Grouse were flushed near the aspen transplant area at the south end of the site.

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 012 was holding water and discharging. Mallards were observed in the pond. The pond embankment was stable and vegetated. It appears this pond needs to have built up sediment removed to restore the ponds capacity. The flume was in place and functional.

Pond 014 was holding water but not discharging. The embankment was stable and vegetated.

Pond 013 was holding water but was not discharging. The embankment was stable and vegetated; the spillway was clear and functional.

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 2

Stock tank ST-1 was holding water and appeared stable. Rip-rap placed in drainage YPM-1-1 has slid exposing the erosion control matting placed under the rip-rap.

Pond 12a is holding water but is not discharging. It appears this pond needs to have built up sediment removed to restore the ponds capacity. The pond embankment appears stable, however many rills and small gullies were observed on the pond slopes that will need to be monitored.

The side slopes of drainage YPM-5-1 have incised and the erosion control matting has washed out in many locations. This drainage will need to be repaired.

Pond 011a was holding water and discharging. The pond embankment was stable and vegetated. The spillway was clear of debris and functional. The drainage leading into this pond appears to be eroded and incised in places and will need to be repaired.

Pond 010 was holding water but was not discharging. The pond embankment was stable and vegetated. The flume was in place and functional.

Pond 011 was holding water but was not discharging. The pond embankment was stable and vegetated. The flume was in place and functional.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

Shrub plots; SP06-1, SP06-2, SP07-1 and SP07-2 were observed. The fencing around the plots were intact and the shrubs appeared healthy.

The revegetated areas of the south pit area were observed. It appears the dominant vegetation in this area is sage and alfalfa. Overall, it appears the perennial vegetation is establishing well.

Both the north slope and the south slope was walked in the north pit area. The vegetation appears to be well established in this area. Several bare spots were observed at the top of the north slope. Shrubs have been planted on a small portion of the southern slope that were not enclosed. These shrubs have been heavily browsed by wildlife and primarily annual weeds have established in this area.

SLIDES and DAMAGE - Rule 4.12:

The neck pit slide and the slide above Pond 013 were observed. It does not appear recent movement has occurred.

DOCUMENTS RECEIVED: None

OTHER (SPECIFY): None

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PHOTOGRAPHS



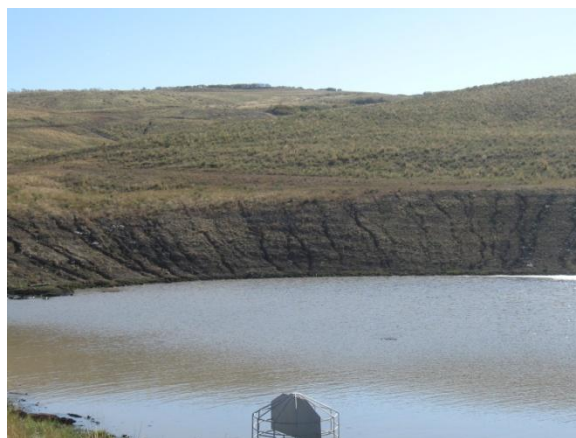
Pond 010



Channel erosion



South Pit Area



Pond 12a



YPM-6-1



North pit reclamation

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Pond 011a



Pond 011

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit

Exp 8/5/15

HYDROLOGIC RECORDS

NPDES Permit

X Exp 10-31-2011
renewal app.
4/22/11, ext. indef.

Permit Application w/Revisions

X @ Sage Creek
Office

NPDES Records

X 2nd Q 2012

Findings Document

X RN-3

Stormwater Management Plan

Jan 25 2011

Insurance Certificate

Exp 11/01/11

SPCC Plan

NA

Bond Document

SB 005 \$2,611,566

MSHA Pond Inspections

NA

Phased Bond Release

X In SL-3

NA

Documents/Findings

application binder

State Engineer's Pond Inspection

Air Emission Permits

NA

Quarterly Pond Inspections

X 2nd Q 2012

County Special Use Permits

X

Annual Hydrology Reports

X 2010

UG Mining Landowner Notification

NA

- Ground Water Monitoring

X AHR

Subsidence Monitoring Reports

NA

- Surface Water Monitoring

X AHR

Subsidence Monitoring Data

NA

- Spring & Seep Monitoring

X AHR

Rill & Gully Survey

X 2012

- Mine Water Discharge Monitoring

NA

Vegetation Monitoring Data

X 2011

- Mine Inflow Study

NA

Specific Variance Approvals

X PAP

- Water Consumption Records

NA

Annual Reclamation Reports

X 2011

Well Permits

X May 1996

Midterm Review Documents

X 2008

DRMS/OSM Inspection

X

BLASTING RECORDS

Reports/Enforcement Actions (3 Years)

NA

Blasting Publication

NA

Transfers/Succession of Operator

NA

Blasting Records (3 years)

NA (last blasting
Feb 2006)

Temporary Cessation Notification

NA

Reclamation Cost Estimate

X SL3

ATFE Explosives Permit

NA

CERTIFICATIONS

Pond Certifications

X PAP

Blasting Variances

PAP

Annual Certifications for Large
Impoundments

X 2011 (Nov. '11)

Pre-Blast Surveys

PAP

Fill Certifications for Excess Spoil or
Underground Development Waste

NA

ADDITIONAL RECORDS (specify)

- Quarterly Inspections

NA

- Compaction Testing

NA

- Final Certification

NA

Coal Processing Waste Banks

NA

Haul Road Certifications

X PAP

Access Road Certifications

NA

COMMENTS: Pending revisions on file: SL4,

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