




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



PERMIT INFORMATION

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| 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: None |
| Operator Representative Signature: (Field Issuance Only) | |

INSPECTION INFORMATION

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| Inspection Start Date: September 25, 2013 Inspection Start Time: 10:09 Inspection End Date: September 25, 2013 Inspection End Time: 10:10 | Inspection Type: Aerial 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 Harry B. Ranney | Inspector's Signature:  Signature Date: October 2, 2013 |

Inspection Topic Summary

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

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|------------------------------------|------------------------------------|
| N - Air Resource Protection | R - Roads |
| N - Availability of Records | N - Reclamation Success |
| N - Backfill & Grading | Y - Revegetation |
| N - Excess Spoil and Dev. Waste | N - Subsidence |
| NA - Explosives | R - Slides and Other Damage |
| N - Fish & Wildlife | N - Support Facilities On-site |
| R - Hydrologic Balance | N - Signs and Markers |
| Y - Gen. Compliance With Mine Plan | N - Support Facilities Not On-site |
| N - Other | N - Special Categories Of Mining |
| N - Processing Waste | R - Topsoil |

COMMENTS

The Colorado Division of Reclamation, Mining and Safety (Division) conducted an aerial inspection of the Yoast Mine, permit no. C-1994-082 on Wednesday September 25, 2013. Harry Ranney with the Division took the photographs and I, Jared Ebert with the Division reviewed the photographs and made the following observations.

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 010, 011, 011a, 012, 012a 013, 014 were visible in the aerial photographs. The ponds were holding water and the impoundments appeared stable.

SCC has been conducting repairs on numerous drainages within the affected area. Drainages YPM-6-2, 6-1, 6-3, 7, 5-1, 3-2/3-2a appear to have recently been repaired. These channels have been rip-rapped and check dams have been installed at various locations along the channels.

Several surge tanks along the YPM-13 have been in need of repair based on previous inspections. The Division conducted a ground inspection on Monday September 23rd and Mr. Roy Karo with SCC indicated the surge tanks have been repaired. Based on the photographs it appears the spillways of these structures have been re-shaped and stabilized with rip-rap. The YPM-13 channel appears to have a large rill developing in and possibly adjacent to the channel. This rill will need to be monitored and possibly repaired.

ROADS – Rule 4.0; 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 access road built from the LU3B road along the YPM-7 and YPM-6-2 drainage to conduct drainage repairs appears to have been topsoiled and reclaimed. It appears topsoil from stockpile L was utilized for reclamation.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1

SLIDES and DAMAGE - Rule 4.12:

The Pond 013 slide does not appear to have moved since the last inspection.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



South portion of the mine. Ponds 013 and 014 at the bottom of the photo.



Ponds 013 and 014. The Pond 013 slide in the top left portion of the picture.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1



Ponds 012 and 012a, Channel YPM-5-1 on the top right and YPM-6-3, 6-2, and portions of YPM-7 and 6-1 visible. Topsoil stockpile L on the top left portion of the picture.



South portion of the mine.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1



YPM-7, 6-1 and the drainage repair access road visible.



Pond 011a and the YPM-9 and 13 drainages visible.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1



View of the majority of the affected area from the north end looking south. Neck pit appears stable.



Head Pit

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1