




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: None
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: September 25, 2013 Inspection Start Time: 10:05 Inspection End Date: September 25, 2013 Inspection End Time: 10:08	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

N - Air Resource Protection	R - Roads
N - Availability of Records	N - Reclamation Success
N - Backfill & Grading	R - Revegetation
NA - Excess Spoil and Dev. Waste	N - Subsidence
NA - Explosives	N - 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
NA - Processing Waste	R - Topsoil

COMMENTS

The Colorado Division of Reclamation, Mining and Safety (Division) conducted an aerial inspection of the Seneca II-W Mine, permit no. C-1982-057 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:

Pond 005, 006, 016, 017 were visible in the photographs. These ponds were holding water and the impoundments appeared stable.

Stock ponds T-20 may have been holding a little bit of water, but overall it appeared marshy. Pond T-18, T-27 and T-26 were visible in the photographs. These ponds were holding water. All the impoundments appeared to be stable and functional.

The PM-3, 4, 4B, 4-D, and 2A drainages were observed in the photographs. Overall, these drainages appeared stable. Smaller rills and gullies could not be seen given the size of the photographs; however, large gullies and failures were not observed.

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 G haul road, J haul road, Ridgeline Access Road and portions of the K haul road were visible in the photographs. These roads appeared to be graded and maintained.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

REVEGETATION – Rule 4.15; Vegetative Cover; Timing:

The 005 Gulch and 005-E1 basin appears well vegetated and stable. Large rills or gullies were not observed in the photographs.

The 006-NE4, 006-NE3 and the PM-3 drainage basins appear well vegetated and stable. Large rills or gullies were not observed in the photographs.

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

The Operator appears to be continuing reclamation in the former Pond 016a area. Topsoil is being excavated from a stockpile (possibly stockpile ZZ) and transported to the Pond 016a graded area.

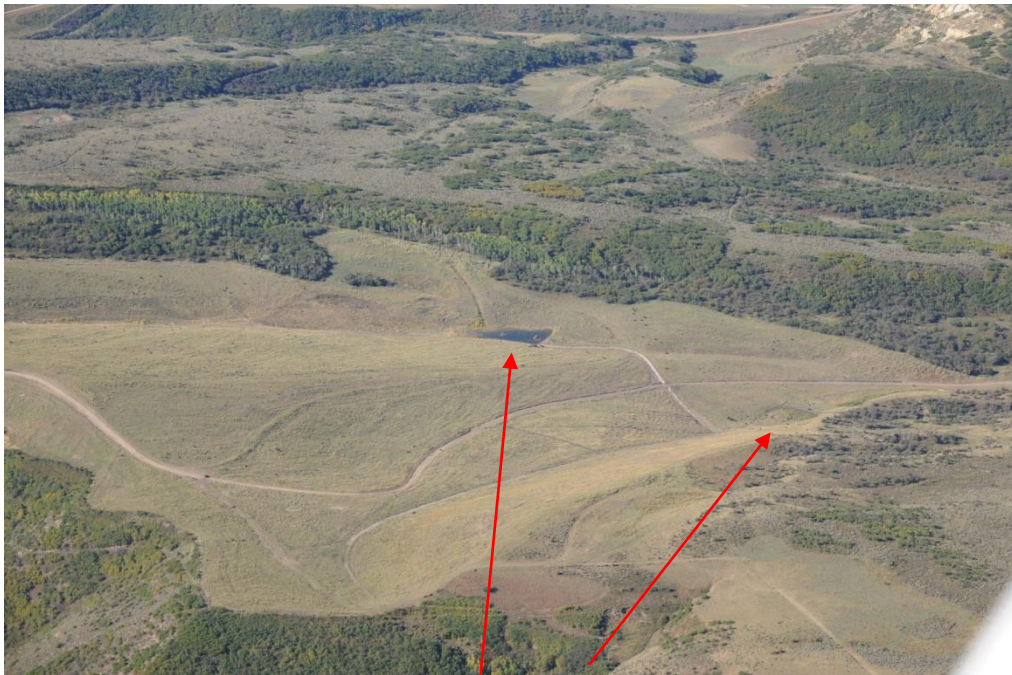
Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



PM-1A drainage looking south west to Pond 017.



Northern portion of the affected area, T-18 and T-20 visible, Ridgeline Access Road

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Number of Complete Inspections this Fiscal Year: 1



Pond 005 and G haul road



From the northeast end of drainage 006-NE4 looking southwest. Pond 006 and shop in the top right portion of the picture.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



PM-4 and 4-B drainage, PM-3 drainage and PM-2A drainage.



PM-4 and 4-C drainage, PM-5A and 5B drainage, J haul road.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



South expansion area, drainages PM-2B and 2A, stock tanks T-26 and T-27



Pond 016A reclamation and topsoil application. Pond 016

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1