




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



PERMIT INFORMATION

Permit Number: C-1981-016 Mine Name: Hawk Nest E & W Operator: Western Slope Carbon, Inc. Operator Address:	County: Gunnison Operation Type: Underground Permit Status: Revoked Ownership: Federal
	Operator Representative Present: N/A
Operator Representative Signature: (Field Issuance Only) N/A	

INSPECTION INFORMATION

Inspection Start Date: June 4, 2013 Inspection Start Time: 12:00 Inspection End Date: June 6, 2013 Inspection End Time: 12:00		Inspection Type: Coal Complete Inspection Inspection Reason: Surety Release Requested Weather: Clear	
Joint Inspection Agency: None		Joint Inspection Contacts: None	
Post Inspection Agency: None		Post Inspection Contacts: None	
Inspector(s): James R. Stark Janet H. Binns	Inspector's Signature:  Signature Date: 3 July 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
R - Backfill & Grading
N - Excess Spoil and Dev. Waste
N - Explosives
N - Fish & Wildlife
R - Hydrologic Balance
N - Gen. Compliance With Mine Plan
N - Other
N - Processing Waste

N - Roads
R - Reclamation Success
N - Revegetation
N - Subsidence
N - Slides and Other Damage
N - Support Facilities On-site
N - Signs and Markers
N - Support Facilities Not On-site
N - Special Categories Of Mining
R - Topsoil

COMMENTS

This was a complete inspection of the Hawk's Nest Mine conducted by Jim Stark of the Colorado Division of Reclamation, Mining and Safety. Janet Binns, Leigh Simmons and Zack Trujillo, also with the Division, accompanied me on the inspection. The main reason for this inspection was to conduct year ten vegetation monitoring at the site. The weather was hot and sunny and the ground was dry.

BACKFILL and GRADING – Rule 4.14 Contemporaneous Reclamation 4.14.1; Approximate Original Contour 4.14.2; Highwall Elimination 4.14.1(2)(f); Steep Slopes 4.14.2, 4.27; Handling of Acid and Toxic Materials 4.14.3; Stabilization of Rills and Gullies 4.14.6:

- The backfilled and regraded portal and facilities areas at the East and West Mines were stable at the time of the inspection. There were no signs of cracking, slumping or settling noted.
- The bleeder entry area is a very steep slope. The area was stable with no signs of cracking, slumping or settling.
- The guest house area is a privately owned residence. As such, the area is only viewed from old State Highway 133. The area appeared to be stable at the time of the inspection.

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:

- The large post-mining channel at the facilities area of the East Mine was stable at the time of the inspection. The channel is a riprapped channel with a large amount of grass growing in it. There were no erosional problems noted in the channel.
- The large post-mining channel at the portal area of the West Mine was stable at the time of the inspection. The channel is a riprapped channel with a large amount of grass growing in it. The water flows into a culvert, which was clear at the time of the inspection. There were no erosional problems noted in the channel.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 3

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

- As stated above, the main focus of this inspection was to conduct year ten vegetation monitoring at the site for a possible termination of jurisdiction. Year nine sampling was completed in June 2012. The sampling consisted of taking 100 cover and species points at 20 transects at the three different mine areas (the East Mine, West mine and bleeder entries). The number of transects at each location was weighted based on the acreages, with 9 samples each at the East and West Mines and 2 samples at the bleeder entries. The transects were 50 meters at the East and West Mines and 10 meters at the bleeder entries (due to the limited size of the area). Two productivity quadrats were also taken at each transect (at 1 and 4 meters). All of the data will be contained in a vegetation sampling report in the SL-01 file.

- Overall the site is well vegetated and stable and there are no erosional issues at the site. There are several small patches of Russian Knapweed at the East Mine facilities area but they are very limited in nature. There were also numerous small patches of thistle (predominately bull, musk and Scotch) at both the East and West Mines. Overall noxious weeds are not a problem at the Hawk's Nest mines.

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

- There is very little topsoil at the Hawk's Nest Mine due to previous, historic mining. Despite this fact, the reclaimed areas do have good vegetative cover.

DOCUMENTS RECEIVED: N/A

This concludes the 4 June 2013 complete inspection report for the Hawk's Nest Mine.

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Number of Complete Inspections this Fiscal Year: 3

ENFORCEMENT ACTIONS/COMPLIANCE

The Hawk's Nest Mine is a revokes site. There are no outstanding enforcement actions at the site and none were taken as a result of the 4 June 2013 complete inspection.

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