




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



PERMIT INFORMATION

Permit Number: C-1992-081 Mine Name: Hayden Gulch Loadout Operator: Hayden Gulch Terminal, LLC Operator Address: Mr. Roy Karo 37796 Routt County Road 53 P.O. Box 670 Hayden, CO 81639	County: Routt Operation Type: Loadout Permit Status: Permanent Cessation Ownership: Private
	Operator Representative Present: Roy Karo
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: February 4, 2013 Inspection Start Time: 10:20 Inspection End Date: February 4, 2013 Inspection End Time: 12:30	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	Inspector's Signature:  Signature Date: February 7, 2013

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

R - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - 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

Y - Slides and Other Damage

R - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

R - Topsoil

COMMENTS

This was a complete inspection of the Hayden Gulch Loadout site; file No. C-1992-081 operated by Hayden Gulch Terminal, LLC. I, Jared Ebert of the Colorado Division of Reclamation, Mining and Safety (Division) conducted the inspection. Mr. Roy Karo of Hayden Gulch Terminal was aware of the inspection but did not accompany me into the field. The weather was sunny and cool.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

A records check was conducted of the files kept at the Sage Creek Mine office. See the end of the report for a list of the Division's findings.

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 former facilities area (SL1 bond release area) was covered with snow but it appeared stable.

FISH and WILDLIFE – Rule 4.18:

Several elk were observed inside the rail loop.

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 Tie Across Haul Road culverts 18, 17, 16, 13, 12, 11, 10, 9, 7, 6a and 4 were snow covered. Culverts 6, 5a, 5, 2, and 2a were clear of snow and appeared functional.

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 3

The Truck Loop pond was snow and ice covered. The primary and emergency spillway was clear of debris and appeared functional. The pond slopes and embankment were snow covered and appeared stable.

The Rail Loop pond was snow and ice covered. The primary and emergency spillway was clear of debris and appeared functional. The pond slopes and embankment were snow covered and appeared stable.

Rail Road Culverts; 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15 were snow covered. Culverts 13, 14 and 20 were clear and functional.

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 Tie Across Haul Road was plowed and maintained.

REVEGETATION – Rule 4.15, Vegetative Cover; Timing:

The revegetated area was snow and covered.

SUPPORT FACILITIES - Rule 4.04:

The facilities, parking and substation area was inspected and no problems were observed. The leach field was snow covered.

SIGNS AND MARKERS – Rule 4.02:

Mine identification signs were posted where public roads intersected the mine permit boundary. These signs are of uniform design and contain the required information.

The permit boundary is marked with metal posts and signs, the boundary markers were observed throughout the permit area during the inspection.

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

Topsoil stockpile A, C, D, E, F, G and the TWS pile along the Tie Across Haul Road were inspected. These piles were covered in snow but appeared stable. Berms were in place around the piles and each topsoil stockpile was identified with a topsoil sign marker.

The remainder of topsoil stockpile No.2 was covered with snow and appeared stable. Topsoil stockpile No. 3 was covered in snow and since the pile is not very high, it blended in with the snow covered landscape, metal T-posts delineate the pile. Topsoil stockpile No. 1 was depleted during the reclamation of the facilities area. The area where this pile was located was covered in snow and appeared stable.

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PHOTOGRAPHS



Mine entrance sign on the east end of the Tie-Across Haul Road.



Ditch 3 area.



Topsoil stockpile marker, pile covered with snow.



From the west end of the former facilities area looking east.



Truck loop pond.



Rail Loop Pond.

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Topsoil stockpile No. 2.



Office and Parking Area.

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Exp 05/22/2013
Permit Application w/Revisions	OK
Findings Document	PR1
Insurance Certificate	Exp 11/01/2013
Bond Document	Decrease Rider \$611,690.76 (100808349)
Phased Bond Release Documents/Findings	Yes, SL1
Air Emission Permits	05RO0020 ex2/2007
County Special Use Permits	PP2004-070
UG Mining Landowner Notification	NA
Subsidence Monitoring Reports	NA
Subsidence Monitoring Data	NA
Rill & Gully Survey	NA
Vegetation Monitoring Data	NA
Specific Variance Approvals	NA
Annual Reclamation Reports	2011
Midterm Review Documents	MT4
DRMS/OSM Inspection Reports/Enforcement Actions (3 Years)	17 December 2012
Transfers/Succession of Operator	NA
Temporary Cessation Notification	NA
Reclamation Cost Estimate	SL1 Estimate
CERTIFICATIONS	
Pond Certifications	Ok
Annual Certifications for Impoundments	30 January 2013
Fill Certifications for Excess Spoil or Underground Development Waste	NA
• Quarterly Inspections	NA
• Compaction Testing	NA
• Final Certification	NA
Coal Processing Waste Banks	NA
Haul Road Certifications	Ex. 12-5A, 12-5b 12-6
Access Road Certifications	Ex. 12-5C

HYDROLOGIC RECORDS

NPDES Permit	COG-850008; exp. 30 June 2013
NPDES Records	4Q 2012
Stormwater Management Plan	14 December 2012
SPCC Plan	NA
MSHA Pond Inspections	NA
State Engineer's Pond Inspection Quarterly Pond Inspections	NA
Annual Hydrology Reports	2011
• Ground Water Monitoring	AHR
• Surface Water Monitoring	AHR
• Spring & Seep Monitoring	NA
• Mine Water Discharge Monitoring	NA
• Mine Inflow Study	NA
• Water Consumption Records	NA
Well Permits	OK

BLASTING RECORDS

Blasting Publication	NA
Blasting Records (3 years)	NA
ATFE Explosives Permit	NA
Blasting Variances	NA
Pre-Blast Surveys	NA

ADDITIONAL RECORDS (specify)

COMMENTS:

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