




**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: August 12, 2013 Inspection Start Time: 11:35 Inspection End Date: August 16, 2013 Inspection End Time: 09:00	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: August 26, 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

Y - 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

NA - Reclamation Success

R - Revegetation

NA - Subsidence

Y - Slides and Other Damage

Y - 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; DRMS permit no. C-1992-081. The site is 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 with Hayden Gulch Terminal (HGT) was aware of the inspection but did not accompany me into the field. The records check was conducted at the Sage Creek Mine office on Monday August 12, 2013 and the site was inspected on Friday August 16, 2013. The weather was clear and warm during the field inspection.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The Division conducted a records check of the files at the Sage Creek Mine Office on Monday August 12, 2013. The Division completed the records check for the hydrology records that same day at the site in the office trailer. See the last page of this report for details.

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:

Culverts RRC-1 through RRC 17, 20 and 21 were observed. RRC-1 appears to be obstructed with rocks and will need to be cleared.

The truck loop pond was holding water but was not discharging. The primary and emergency spillways were clear and functional. The pond embankment was stable and vegetated. A large patch of Canada Thistle was observed on the shore of the pond and will need to be treated.

The rail loop pond was dry and not discharging. The primary and emergency spillway was stable and functional. The earth berm at the discharge pipe in the spillway needs to be repaired. The pond embankment was stable and vegetated.

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 1

Ditches 1, 2, 3, 7 and 8 were observed. These ditches appeared clear and functional.

REVEGETATION – Rule 4.15, Vegetative Cover; Timing:

The former facilities area and topsoil stockpile 2 area was observed. The primary vegetation that has established at the site is Yellow Sweet Clover and Kochia. Some perennial grasses were observed. Both areas appeared stable.

A large patch of Canada Thistle was observed near where an access corridor was constructed to access topsoil from Topsoil Stockpile 2.

SIGNS AND MARKERS – Rule 4.02:

Mine identification signs were observed at the following locations; where highway 40 intersects the permit boundary, at each spot County Road 37 crosses the permit boundary, the entrance from County Road 53, the various roads that cross the Tie-Across Haul Road and at the entrance from Twenty Mile Road.

The permit boundary markers were observed throughout the site and appear to be in the correct location.

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 stockpiles 2 and 3 were observed. These piles were vegetated and stable.

Along the Tie-Across haul road, topsoil piles A, C, D, E, F and G were observed. These piles appear stable and vegetated.

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PHOTOGRAPHS



RRC No. 1



Ditch No. 3 from west end looking east.



RRC No. 1



Office trailers



Truck loop pond, Canada thistle patch on the shore.



Rail loop

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Canada thistle patch



Rail loop pond spillway. Earth berm needs repair.

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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	Yes, SL1
Documents/Findings	
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	2012
Midterm Review Documents	MT4
DRMS/OSM Inspection	3 June 2013
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	NA
Temporary Cessation Notification	NA
Reclamation Cost Estimate	RN4 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	(1*) COG-850008; exp. 30 June 2013
NPDES Records	1Q 2013,
Stormwater Management Plan	14 December 2012
SPCC Plan	NA
MSHA Pond Inspections	NA
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	1Q 2013
Annual Hydrology Reports	2012
• 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: 1* Administrative extension; 1 July 2013

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