




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



**PERMIT INFORMATION**

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

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> October 1, 2012 <b>Inspection Start Time:</b> 14:50 <b>Inspection End Date:</b> October 1, 2012 <b>Inspection End Time:</b> 17:00	<b>Inspection Type:</b> Coal Complete Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Clear
<b>Joint Inspection Agency:</b>  None	<b>Joint Inspection Contacts:</b>
<b>Post Inspection Agency:</b>  None	<b>Post Inspection Contacts:</b>
<b>Inspector(s):</b>  Jared L. Ebert	<b>Inspector's Signature:</b>  <b>Signature Date:</b>  9 October 2012

**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 &amp; Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish &amp; Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

NA - Other

NA - Processing Waste

R - Roads

R - 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; C-1992-081. I, Jared Ebert of the Colorado Division of Reclamation, Mining and Safety conducted the inspection. Mr. Roy Karo with Hayden Gulch Terminal was aware of the inspection but did not accompany me into the field. The weather was clear and sunny.

**AVAILABILITY OF RECORDS – Rule 5.02.4(1):**

A records check was conducted at the beginning of the inspection; see the end of the report for details. The insurance certificate will expire on November 1, 2012 and will need to be renewed.

**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 graded area appeared stable.

**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 truck loop pond was holding a small amount of water but was not discharging. The slopes were stable and well vegetated. The spillway was clear and functional.

Sediment control ditched 3A and 3 were stable. Russian thistle has established inside both ditches and will need to be removed.

The rail loop pond was dry and not discharging. The spillway appeared stable and functional.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 2

Culverts RRC-20, RRC-21, RRC-16, RRC-17A,B and C were observed. These culverts 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 observed. This road is well maintained, no problems were noted.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The SL1 reclaimed area appeared stable. The primary vegetation established throughout this area was annual weeds and the cover crop vegetation. Minor rills and gullies were observed throughout the area. It appears very little of the desired vegetation established during this year's growing season.

REVEGETATION – Rule 4.15; Vegetative Cover; Timing:

A tamarisk tree was observed on the south side of the rail line on the southwest portion of the loop inside the steep embankment. This is a state listed noxious weed and will need to be treated.

SUPPORT FACILITIES - Rule 4.04:

The facilities area was observed, no problems were noted.

SIGNS AND MARKERS – Rule 4.02:

New mine entrance signs have been installed to comply with Rule 4.02.2. These signs have been placed at each public road that enters the permit area.

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 #2 has been graded to a gentle slope. Very little vegetation has established on this pile during the growing season. The Operator will need to monitor this pile to insure adequate measures are taken to protect the remaining topsoil in this stockpile from wind and water erosion.

Topsoil stockpile #3 is delineated with metal posts; however the labeled signs have been knocked off the metal posts and will need to be replaced. This pile has been graded to blend into the surrounding topography. Several badgers holes were observed in the topsoil stockpile area. Likely the offending badger was observed in the pile area.

Topsoil stockpiles A, C, D, E, F, and G were observed along the Tie Across Haul Road. These piles were marked with "Topsoil" signs and were stable and vegetated.

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## **PHOTOGRAPHS**



Mine entrance sign



Topsoil Stockpile 2



Truck Loop Pond



Topsoil Stockpile 3



Rail Loop Pond



Tamarisk tree

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**AVAILABILITY OF RECORDS****PERMIT RECORDS**

DRMS Permit	Exp 05/22/2013
Permit Application w/Revisions	OK
Findings Document	PR1
<b>Insurance Certificate</b>	<b>Exp 11/01/2012</b>
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)	12 August 2012
Transfers/Succession of Operator	NA
Temporary Cessation Notification	NA
Reclamation Cost Estimate	SL1 Estimate
<b>CERTIFICATIONS</b>	
Pond Certifications	Ok
Annual Certifications for Impoundments	2011
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	2Q 2012
Stormwater Management Plan	1993
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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