




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



PERMIT INFORMATION

Permit Number: C-1981-010 Mine Name: Trapper Mine Operator: Trapper Mining, Inc. Operator Address: Mr Forrest V Luke P.O. Box 187 Craig, CO 81626	County: Moffat Operation Type: Surface Permit Status: Active Ownership: Federal
	Operator Representative Present: Graham Roberts
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: March 20, 2013 Inspection Start Time: 10:30 Inspection End Date: March 20, 2013 Inspection End Time: 17:30		Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Cloudy	
Joint Inspection Agency: None		Joint Inspection Contacts:	
Post Inspection Agency: None		Post Inspection Contacts:	
Inspector(s): Jared L. Ebert	Inspector's Signature: 		Signature Date: March 25, 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

R - Excess Spoil and Dev. Waste

R - Explosives

R - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

R - Other

R - Processing Waste

R - Roads

NA - Reclamation Success

R - Revegetation

NA - Subsidence

R - Slides and Other Damage

R - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

Y - Topsoil

COMMENTS

This was a complete inspection of the Trapper Mine; permit number C-1981-010; operated by Trapper Mining, Inc. I, Jared Ebert of the Colorado Division of Reclamation, Mining and Safety (Division) conducted the inspection. Mr. Graham Roberts with Trapper Mine, Inc. (TMI) accompanied me during the inspection. The weather was cloudy, cool and windy.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

A records check was conducted, see the end of the report for details.

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 Operator was actively backfilling spoil behind the Horse Gulch fill area. The upper level of the Horse Gulch Fill was devoid of snow. The lower levels of the fill and south drainage were covered in snow. The north drainage was clear and of snow and appeared functional. The fill seemed stable and only minor rilling was observed on the top level.

F-Pit appears to have been completely backfilled and the majority of the area has been topsoiled. Most of the area was covered with snow but appeared stable.

EXCESS SPOIL and DEVELOPMENT WASTE – Rule 4.09; Placement; Drainage Control; Surface Stabilization:

The Ash Pit was observed; recent loads of fly ash are stockpiled at the south end of the pit. No problems were noted.

EXPLOSIVES – Rule 4.08; Distance Prohibitions 4.08.4; Warnings 4.08.4; Control of Adverse Effects 4.08.4:

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It does not appear that blasting was conducted during the inspection and thus it could not be inspected.

FISH and WILDLIFE – Rule 4.18:

Several Bald Eagles were observed on the power poles near Coyote and Far East Buzzard Pond.

Elk were observed throughout the site.

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:

No Name Pond 4 was holding water and was ice covered. The primary spillway was clear and functional, the emergency spillway was partially snow covered. The embankment was stable.

No Name Pond 2 was holding water and was ice covered. It appears this pond was cleaned last fall. The primary and emergency spillway was partially covered with snow.

No Name Pond 5R was snow and ice covered. This pond was cleaned at the end of last year. This pond was discharging clear water. The embankment was stable.

Far East Buzzard Pond was holding a small amount of water but was not discharging. The embankment was stable and the primary and emergency spillway was clear and functional.

Coyote Pond was holding water and was ice covered. The primary spillway was clear of debris and functional. This pond was not discharging. The embankment was stable and vegetated.

Johnson 10R Pond was holding water and discharging. Several gopher holes were observed in the embankment and will need to be filled and repaired. It appears the sediment level marker was underwater. The primary and emergency spillway was clear and functional.

West Pyeatt Pond No. 1 was holding water. The embankment was stable and the primary and emergency spillway was clear and functional.

West Pyeatt Pond No. 2 was not discharging and the pond was dry. The embankment was stable. The primary and emergency spillways were clear and functional.

Middle Pyeatt Pond No. 3 was dry and not discharging. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional. The sediment level marker was in place.

East Pyeatt Pond No. 3 was holding water and discharging clear water. The pond was snow and ice covered. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional. The

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sediment level marker was in place.

East Pyeatt Ponds 1 and 2 were observed, no problems were noted. Pond 1 was cleaned out recently and the embankment was stable. Both spillways were clear and functional.

Grouse and Sage Ponds were inaccessible but were visible from the ridge above the ponds. Grouse No. 1 pond was holding water and the spillway appeared clear and functional. Grouse No. 2 was dry and not discharging, the primary and emergency spillway appeared clear and functional. Both Sage Ponds were dry and not discharging. The Sage Ponds primary and emergency spillways appeared clear and functional.

The Oak Gulch Ponds were also difficult to reach and were observed from the ridge above. These ponds were recently cleaned out. These ponds were holding water but did not appear to be discharging. The embankments appeared stable and the primary and emergency spillways were clear and functional.

The Oak Gulch drainage was visible from the access road to the Oak Gulch Ponds. It appears a number of check dams have been constructed in this drainage. The lower end of drainage appeared stable and functional.

Middle Flume No. 3 Pond was holding water and was discharging clear water. The embankment was stable and vegetated and the primary and emergency spillway was clear and functional. It appears the pond was cleaned out recently.

East Middle Flume No. 1 Pond was holding water but was not discharging. The sediment marker was in place but was underwater.

East Flume Pond was holding a small amount of water but was not discharging. The embankment was stable and vegetated. The primary and emergency spillways were clear and functional.

The road to Deal Pond was inaccessible and the pond could not be observed.

Horse Gulch Pond was inaccessible but the pond was visible from the top of the fill. The pond was holding water and was ice covered. It did not appear that the pond was discharging.

The West Horse Pond was inaccessible.

GENERAL MINE PLAN COMPLANCE:

D Pit was observed, this pit is inactive and no problems were noted. The road to the top of the pit to Ute Pond was snow covered and inaccessible.

East A Pit is inactive at this time and was holding a small amount of water. No problems were observed.

All the draglines were not running at the time of the inspection. There was a training occurring for a number of

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personnel at the mine office and there was little activity in the active mine area. Two truck and shovel crews were running at the time of the inspection and spoil was actively being backfilled behind the active pit area. It did not appear a blast pattern was being drilled and it did not appear TMI conducted blasting operations during the inspection.

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 Old BC road, Life of Mine Road and the haul roads to the Ash Pit and D Pit were observed. These roads were maintained and were being watered for dust control at the time of the inspection.

REVEGETATION – Rule 4.15; Vegetative Cover; Timing:

The majority of the revegetated area was covered with snow at the time of the inspection and could not be analyzed.

SLIDES and DAMAGE - Rule 4.12:

Parcel A-B-10 was observed, this parcel was devoid of snow and several large rills and gullies were observed that will need to be repaired.

SUPPORT FACILITIES - Rule 4.04:

The facilities area, ANFO storage area, and the East Panel Ready line was observed. No problems were noted.

The equipment storage area along the Old BC and the haul road to D Pit was observed, several boxes and other debris appeared to have blown from this area into the haul road drainage ditches, this debris will need to be cleaned up and disposed of.

SIGNS AND MARKERS – Rule 4.02:

The mine identification signs and blasting warning signs were in place off Highway 13, County Road 107 and at the south end of the Power Plant near Impoundment H.

The permit boundary was observed in many locations throughout the mine and it appeared to be clearly marked. A large portion of the southern end of the mine was inaccessible and the boundary could not be observed.

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PHOTOGRAPHS



Bald Eagle near Far East Buzzard Pond entrance



Grouse Ponds



No Name Pond No. 2 from road looking south toward D Pit.



Sage Ponds



D Pit



Oak gulch drainage

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Active mine area



Horse Gulch Pond



Active mine area



Rilling in Parcel A-B-10



Backfilling behind active pit area

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit
 Permit Application w/Revisions
 Findings Document
 Insurance Certificate
 Bond Document
 Phased Bond Release Documents/Findings
 Air Emission Permits
 County Special Use Permits
 UG Mining Landowner Notification
 Subsidence Monitoring Reports
 Subsidence Monitoring Data
 Rill & Gully Survey

Exp. 12/31/2012

Yes

*Comment 1

Exp. 10/1/2013

*Comment 2

SL-12 and 13
(August 2011)

*Comment 3

Yes

NA

NA

NA

NA

Vegetation Monitoring Data

2012 Annual Report

Specific Variance Approvals

NA

Annual Reclamation Reports

2012 (TR111)

Midterm Review Documents

*Comment 4

DRMS/OSM Inspection

Reports/Enforcement Actions (3 Years)

Yes- DRMS to February 2013
OSM- 2 May 2012

Transfers/Succession of Operator

NA

Temporary Cessation Notification

NA

Reclamation Cost Estimate

RN6

CERTIFICATIONS

Pond Certifications

Yes

Annual Certifications for Impoundments

July 27, 2012

Fill Certifications for Excess Spoil or Underground Development Waste

03/20/2012 Report

• Quarterly Inspections

4Q 2012

• Compaction Testing

NA

• Final Certification

NA

Coal Processing Waste Banks

NA

Haul Road Certifications

Yes

Access Road Certifications

*Comment 5

HYDROLOGIC RECORDS

NPDES Permit

Yes, Expire Oct 31, 2017

NPDES Records

1Q 2013

Stormwater Management Plan

NA

SPCC Plan

June 2011

MSHA Pond Inspections

June, 2012

State Engineer's Pond Inspection

NA

Quarterly Pond Inspections

1Q 2013

Annual Hydrology Reports

2012

• Ground Water Monitoring

Yes

• Surface Water Monitoring

Yes

• Spring & Seep Monitoring

Yes

• Mine Water Discharge Monitoring

Yes

• Mine Inflow Study

NA

• Water Consumption Records

Yes

Well Permits

*Comment 6

BLASTING RECORDS

Blasting Publication

March 6, 2013

Blasting Records (3 years)

Yes

ATFE Explosives Permit

Exp. 4/1/2014

Blasting Variances

NA

Pre-Blast Surveys

NA

ADDITIONAL RECORDS (specify)

County Ash Disposal

2010 TRI Reports

GeoTech. Monitoring Report

January 2013

COMMENTS: 1.) Findings RN5 and SL12 and SL13.

2.) Bond is currently \$30,173,724.00. Document number: 64S100739153BCA

3.) Permits 11 MF523-1 (Mining and Ash Disposal), C-11,253 (Coal Stockpile – Not used)

4.) See MR-215 decision form.

5.) Map M52 is part of certification

6.) Well Permit Number 019872-F

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