


**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 and Billy Nicholson	
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: September 24, 2013 Inspection Start Time: 07:45 Inspection End Date: September 25, 2013 Inspection End Time: 11:00		Inspection Type: Coal Complete inspection (ground visit) with Aerial 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 Harry B. Ranney	Inspector's Signature: 		Signature Date: October 2, 2013

Number of Partial Inspection this Fiscal Year: 2Number of Complete Inspections this Fiscal Year: 1

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

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

Y - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

NA - Other

R - Processing Waste

R - Roads

NA - Reclamation Success

Y - 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

R - Topsoil

COMMENTS

This was a complete inspection of the Trapper Mine; permit no. C-1981-010 operated by Trapper Mining, Inc. (TMI). Harry Ranney with the Colorado Division of Reclamation, Mining and Safety (Division) took aerial photographs of the site on Wednesday September 25, 2013. I, Jared Ebert with the Division conducted a ground inspection on Tuesday September 24th and Wednesday September 25th, 2013 as well as reviewed the aerial photographs taken of the site. The weather during the inspection was generally clear with gusting winds at times. The observations from the ground inspection and aerial photographs is below.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

A records check was conducted at the mine site on the morning of September 24th. See a list of the Divisions findings in regards to the mine records at the end of this report.

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:

At the time of the inspection the Operator was actively backfilling an excavation at the north end of the D/E Pit. According to Mr. Roberts this parcel was used as a training area for new loader operators.

TMI was concurrently backfilling spoil behind the active mining operation.

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

The horse gulch fill was observed. The final bench of the fill appears to have been completed. The rills observed on the upper face of the fill earlier this year have been repaired and they appear stable. According to Mr. Nicholson, a track hoe was used recently to break up some of the larger rock placed in the north and south rock drains of the fill.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

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

Blast holes were being drilled in the southeast corner of the affected area.

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 Far East Buzzard pond was dry, the embankment was stable and vegetated. The primary and emergency spillway was clear and functional.

Coyote Pond was holding water but did not appear to be discharging. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional.

No Name No. 4 pond needs to be cleaned out and the decant pipe is leaking according to Mr. Roberts. The decant pipe will need to be repaired.

No Name No. 5 pond was holding water and discharging. The embankment was stable and vegetated and the primary and emergency spillway was clear and functional. The water was a little murky and it was difficult to ascertain if the sediment level marker was in place and if the capacity was adequate.

Ute pond was holding water but was not discharging. The embankment was stable and vegetated. The sediment level marker was in place and the primary and emergency spillway was clear and functional.

The Johnson Gulch ponds 6, 7, 8 and 9 were observed. Each of these ponds were holding water and their embankments were stable and vegetated. Their primary and emergency spillways appeared clear of debris and were functional.

West Pyeatt No. 1 pond was holding water. The embankment was stable and vegetated and the primary and emergency spillways were clear and functional.

West Pyeatt No. 2 pond was dry. The embankment was stable and vegetated and the primary and emergency spillway was clear and functional.

Middle Pyeatt No. 1 pond was holding a little bit of water but did not appear to be discharging. The embankment was stable and vegetated and the primary and emergency spillway was clear and functional.

Middle Pyeatt No. 2 pond was dry. The embankment was stable and vegetated. The sediment marker was in place. The primary and emergency spillway was clear and functional.

Middle Pyeatt No. 3 pond was dry. The embankment was stable and vegetated. The sediment marker was in

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

place. The primary and emergency spillway was clear and functional.

East Pyeatt No. 3 pond was holding water and discharging. The embankment was stable and vegetated and the sediment marker was in place.

East Pyeatt No. 2 pond was holding water and discharging. The embankment was stable and vegetated and the sediment marker was in place. The primary and emergency spillway was clear and stable.

East Pyeatt No. 1 pond was holding water and discharging. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional. The sediment level marker was in place.

Grouse Pond No. 1 was holding water but was not discharging. The embankment was stable and vegetated. The sediment level marker was in place. The primary and emergency spillway was clear and functional.

Grouse Pond No. 2 was dry. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional.

Sage Ponds 1 and 2 were dry and the embankments were stable and vegetated. Sediment markers were in place and the primary and emergency spillways were clear and functional.

Oak Pond No. 1 was holding water and discharging. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional.

Oak Pond No. 2 was holding water but was not discharging. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional. Some minor channel erosion above the flume was observed.

Johnson Pond 10R was holding water and discharging. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional. The sediment capacity appeared to be adequate. The Division could not locate the sediment marker.

Impoundment H was holding water but was not discharging. The embankment appeared stable and the primary spillway was clear and functional.

West Horse Pond No. 1 area was holding water but was not discharging. The primary and emergency spillway was clear and functional. The impoundment embankment was stable and vegetated. The sediment level marker was missing and will need to be replaced.

Deal Pond No. 1 was holding water but was not discharging. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional. The sediment level marker was in place.

The east flume pond was dry and the embankment was stable and vegetated. The primary and emergency spillway

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

was clear and functional. The sediment level marker was in place.

East Middle Flume Pond No. 1 was holding water and discharging. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional. The Division could not locate the sediment level marker.

Middle Flume No. 3 Pond needs to be cleaned. The embankment was stable and vegetated. The primary and emergency spillway was clear and functional. Water appears to be undercutting the flume. Mr. Nicholson indicated that they would repair the flume as soon as possible.

Groundwater sampling was occurring at the time of the inspection by a contractor.

East Middle Flume Diversion A98-3 appears functional. Some sediment has built up in the diversion but the diversion appears functional.

Middle Flume Pond No. 1 was holding water and discharging. The primary and emergency spillway was clear and functional. The embankment is stable and vegetated. The sediment level marker was in place.

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

The industrial waste pond was holding water and the embankment seemed stable. According to Mr. Nicholson, this pond is scheduled to be cleaned.

GENERAL MINE PLAN COMPLIANCE:

Two draglines were operating in the L and M pit area. One dragline was staged near the scoria pile. A shovel was excavating coal and loading it into haul trucks.

East A pit was holding water and TMI has a pump in place to fill water trucks with water from the pit for road maintenance.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11

Drainage Control; Surface Stabilization; Placement:

Ash continues to be backfilled at the south end of the ash pit . A large area on the southeast end of the pit was recently graded and topsoiled.

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 Life of Mine Road, West Ash Pit Road and the East Ash Pit Road were graded and maintained.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

SLIDES and DAMAGE - Rule 4.12:

The scarp above the D/E pit on the south side appeared to be stable and does not appear to have changed much since the last inspection of the area. Vegetation has begun to establish in the affected area.

SUPPORT FACILITIES - Rule 4.04:

The facilities area, east panel ready line and the ANFO storage area was inspected. No problems were observed.

SIGNS AND MARKERS – Rule 4.02:

The permit boundary markers were observed at various locations throughout the mine site. The western boundary was observed at the west end of old B/C haul road. The line appears to run north south. The southern boundary was observed south of the Ute and Deal ponds. The north boundary was observed at various ponds located on the north end of the site.

All of the mine entrance signs were in place at the designated locations.

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 from stockpile Z1-09 had been spread over the 2013 topsoil area in the Z Pit parcel.

Topsoil stockpile Z2-07 was marked and appeared stable.

It appears topsoil was recently hauled from stockpile G2-06.

Topsoil appears to have been hauled from stockpile A88-4 to the 2013 Ash pit topsoil lay down area. It appears a small portion of Phase III bond release area has been re-disturbed. TMI will need to account for this re-disturbance in the 2013 Annual Reclamation Report.

DOCUMENTS RECEIVED:

- SL14; Adequacy Review No. 1 Response
- SL15; Bond Release Application

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



From the southeast corner of the mine looking northwest.



Active mine area, draglines on the left mining in L and M pit. Dragline on the right staged near scoria pile.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

K-Pit 2013 topsoiled area



Concurrent reclamation, backfilling west (behind) active mining, topsoil application.



Topsoil hauled from pile G2-06

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



Reconstructed East Pyeatt
Drainage

2013 topsoil application
area; F/Z Pit

F/Z Pit Reclamation, Horse Gulch fill



Active mine area from the southwest looking northeast.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



Active mine area from the southwest looking northeast.



Reconstructed East Pyeatt

2013 topsoil application
area; F/Z Pit

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



D/E Pit



Ash Pit, Topsoil Pile A88-4

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



Scarp above D/E Pit.



2013 topsoil application area, Z-Pit, new dozer basin.



South end of parcel Z-A-12



Drainage ditch on the top bench of Horse Gulch fill.



2013 topsoil application area, Z-Pit



Active mine area from east end looking west.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

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. 12/31/2017

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 July 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 23, 2013

Fill Certifications for Excess Spoil or Underground Development Waste

03/20/2012 Report

• Quarterly Inspections

2Q 2013

• 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

2Q 2013

Stormwater Management Plan

NA

SPCC Plan

June 2011

MSHA Pond Inspections

July, 2013

State Engineer's Pond Inspection

NA

Quarterly Pond Inspections

2Q 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 RN6 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

Number of Partial Inspection this Fiscal Year: 2Number of Complete Inspections this Fiscal Year: 1