



STATE OF
COLORADO

Reilley - DNR, Robin <robin.reilley@state.co.us>

(no subject)

1 message

Reilley - DNR, Robin <robin.reilley@state.co.us>

Mon, Jun 3, 2024 at 4:14 PM

To: Graham Roberts <graham.roberts@trappermine.com>, Robin Reilley - DNR <robin.reilley@state.co.us>

Good Afternoon,

Please find the 2024 May DRMS inspection report for Trapper Miine. This was an aerial inspection

I'm available to answer any questions.

Thank you,

Robin Reilley, M.S. GISP
Environmental Protection Specialist II



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

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Insp_Aerial_Trapper_2024_05May.pdf

5769K




COLORADO
 Division of Reclamation,
 Mining and Safety
 Department of Natural Resources

28 May 2024

PERMIT INFORMATION

Permit Number: C1981010 Mine Name: Trapper Mine Operator: Trapper Mining, Inc. Operator Address: Mr. Graham Roberts P.O. Box 187 Craig, CO 81626	County: Moffat Operation Type: Surface Permit Status: Active Ownership: Federal
	Operator Representative Present: No, as this was an aerial inspection.
This report was issued electronically from the Divisions' Denver Office.	

INSPECTION INFORMATION

Inspection Start Date: 28 May 2024 Inspection Start Time: 9:00 a.m. Inspection End Date: 28 May 2024 Inspection End Time: 9:10 a.m.	Inspection Type: Aerial Inspection Inspection Reason: Normal I&E Program Weather: Clear
Joint Inspection Agency:	Joint Inspection Contacts:
Post Inspection Agency: None	Post Inspection Contacts:
Inspector(s): Robin A. Reilley, M.S. GISP Brock Bowles	Inspector's Signature:  Signature Date: 3 June 2024

Number of Partial Inspection this Fiscal Year: 8

Number of Complete Inspections this Fiscal Year: 4

Inspection Topic Summary	
NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable	
R - Air Resource Protection	R - Roads
N - Availability of Records	Y - Reclamation Success
R - Backfill & Grading	R - Revegetation
NA - Excess Spoil and Dev. Waste	Y - Subsidence
N - Explosives	Y - Slides and Other Damage
N - Fish & Wildlife	R - Support Facilities On-site
R - Hydrologic Balance	N - Signs and Markers
R - Gen. Compliance With Mine Plan	NA - Support Facilities Not On-site
NA - Other	NA - Special Categories Of Mining
NA - Processing Waste	R - Topsoil

COMMENTS

This was a partial inspection of the Trapper Mine; permit C1981010, operated by Trapper Mining Inc. The inspection was conducted aurally by Brock Bowles of the DRMS, and the report prepared by me, Robin Reilly of the DRMS. No mine representative was present during the inspection. No hydrologic or air quality issues were detected in the imagery at the time of inspection. Skies appeared clear.

INSPECTION

GENERAL MINE PLAN COMPLIANCE:

Draglines were in place in L and J Pits. The ready line appeared orderly at the time of inspection. Ash was being hauled to the ash dump.

ROADS – Rule 4.03

Construction 4.03.1(3) I 4.03.2(3); Drainage 4.03.1(4) I 4.03.2(4); Surfacing and Maintenance 4.03.1(5) and (6) I 4.03.2(5) and (6); Reclamation 4.03.1(7) I 4.03.2(7)

- Main haul roads appeared to be in good repair, with no ruts or standing water.
- Access roads appeared in adequate condition and providing access to the ponds.
- Ditches along haul roads and access roads appeared to be functioning adequately.

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; Drainage- Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18

Pond banks appeared stable and vegetated in the imagery. Spillways that were identifiable in the imagery appeared in good repair. Dams and outcrops appeared stable. Ponds did not appear to be discharging at the time of inspection. The following pond systems appeared to be holding water at the time of the inspection:

1. Jeffway Pond
2. Coyote Pond
3. No Name System
4. West Pyeatt System
5. Middle Pyeatt System
6. East Pyeatt System
7. Middle Flume System

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8. East Middle Flume

- No Name Pond #2 exhibited a substantial sediment fan. (Photo 12)
- West Pyeatt #1 held a small amount of water.
- West Pyeatt #2 appeared to be holding water at the time of inspection.
- East Pyeatt system held water in all three ponds, and it did not appear from the imagery that East Pyeatt #3 was discharging at the time of inspection.
- East Middle Flume held showed inflow and exhibited a substantial sediment fan. (Photo 19)
- Middle Flume#3 showed a sediment fan. (Photo 17)

TOPSOIL – RULE 4.06

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

- Long standing topsoil piles appeared vegetated in the imagery.

USE of EXPLOSIVES – Rule 4.08

General Requirements 4.08.1; Pre blasting survey 4.08.2; Public Notice of Blasting Schedule 4.08.3;

Surface Blasting Requirements 4.08.4; Records of Blasting for Surface Coal Mining 4.08.5;

Seismographic Measurements 4.08.6d stripping.

- A blast appeared to be set up between J Pits East and West and in L Pit. (photos 4 and 13).
- Blasting explosive permit has been extended and documentation placed in records.

BACKFILL and GRADING – RULE 4.14

- Reclamation consists of benched overburden in L Pit awaiting grading, an ongoing activity at Trapper Mine.
- A small waterbody is situated in the center of D Pit between check dams, most likely the result of snowmelt.

REVEGETATION - Rule 4.15

General Requirements 4.15.1; Use of Species 4.15.2, Grazing 4.15.5

- Revegetated areas of reclamation appear stable.

INSPECTION, ENFORCEMENT and CIVIL PENALTIES – RULE 5

Inspections 5.02; Availability of Records

- As this was an aerial inspection, records were not checked.

DOCUMENTS RECEIVED

None

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending.

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PHOTOGRAPHS



Photo 1: Overview L Pit, looking east.



Photo 2: L Pit overview looking southwest with constructed drainages in Phase II LAB parcels.

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Photo 3: The entirety of L Pit looking southwest.



Photo 4: A blast set up in L Pit, looking north.

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Photo 5: Horse Pond holding water.



Photo 6: N Pit, looking south.

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***Photo7:** N Pit overview, looking south.*



***Photo8:** D Pit in the foreground and J Pits East and West, looking north.*

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Photo 9: D Pit and it's constructed drainage with small body of water in the center of the photo.



Photo 10: Coyote Pond and I Pit Middle on left, stripped area of C Pit on right of photo, looking south.

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Photo 11: I Pit Middle and soil stockpile in foreground.



Photo 12: I Pit Middle and J Pit West mining activities, looking south, No Name Pond #4 in foreground.

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Photo 13: Overview of west panel Pit activities, with slope to be blasted.



Photo 14: Johnson Pond System, from top of image to bottom, Johnson7, Johnson 8, and Johnson 9.

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Photo 15: Middle (left) and West(right), Pyeatt Ponds.



Photo 16: East Pyeatt System

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Photo 17: Middle Flume #3(foreground), showing a sediment delta and Middle Flume #1.



Photo 18: Constructed drainages in Z, LAB and K Parcels draining to the Flume System.

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Photo 19: East Middle Flume



Photo 20: Ash Pit in center of photo with N Pit overburden stockpile on left edge, and dozer basin below.

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Photo 21: Aerial view of the Ash Pit and associated waste dumps.



Photo 22: Ready Line

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Photo 23: Storage for blasting supplies



Photo 24: Facilities Area.

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