



STATE OF
COLORADO

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

2024 January DRMS Inspection Report Complete

1 message

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

Thu, Jan 25, 2024 at 10:30 AM

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

Good Morning Graham,

Please find the 2024 January DRMS inspection report for Trapper Miine. This was a complete 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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COLORADO
 Division of Reclamation,
 Mining and Safety
 Department of Natural Resources

23 January 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: Graham Roberts
This report was issued electronically from the Divisions' Denver Office.	

INSPECTION INFORMATION

Inspection Start Date: 23 January 2024 Inspection Start Time: 13:00 p.m. Inspection End Date: 24 January 2024 Inspection End Time: 13:30 p.m.	Inspection Type: Coal Complete Inspection Inspection Reason: Normal I & E Weather: Cloudy
Joint Inspection Agency:	Joint Inspection Contacts:
Post Inspection Agency: None	Post Inspection Contacts:
Inspector(s): Robin A. Reilley, M.S. GISP	Inspector's Signature: Signature Date:  25 January 2024

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 3

Inspection Topic Summary	
NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable	
Y - Air Resource Protection	R - Roads
R- Availability of Records	Y - Reclamation Success
R - Backfill & Grading	Y - Revegetation
NA - Excess Spoil and Dev. Waste	Y - Subsidence
R - Explosives	Y - Slides and Other Damage
R - Fish & Wildlife	R - Support Facilities On-site
R - Hydrologic Balance	R - 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 complete inspection of the Trapper Mine; permit C1981010, operated by Trapper Mining Inc. The inspection was conducted, and the report and photos prepared by me, Robin Reilly of the DRMS. Graham Roberts, Trapper Mine representative was present throughout the inspection. No hydrologic or air quality issues were detected at the time of inspection. Skies were cloudy and the air was calm with occasional snow flurries. Temperatures ranged between 25 and 35 degrees Fahrenheit. The site was snow covered.

PERMITTING ACTIONS in PROGRESS:
SL24, SL25

MAINTENANCE ITEMS IDENTIFIED

OUTSTANDING MAINTENANCE

- *Fencing and delineation of the new permitted area at the west panel is outstanding (PR11).*

MAINTENANCE COMPLETED

INSPECTION

GENERAL MINE PLAN COMPLIANCE:

The inspection began in L Pit. The Molly Braun drag line was stationed at the south end of the pit. The drag line was idle as it was being worked on. The Baby Doe drag line positioned mid pit and was casting spoil. Two blasts were being prepared and drilled. Mining is complete at a lower section of L Pit and is ready for back filling.

Mining in N Pit was not occurring at the time of inspection. However, a blast was being set up at the west end to remove overburden for Q seam mining.

J Pit has been opened and no activity was occurring at the time of inspection. The Queen Ann dragline had excavated a large overburden pile.

I Pit is partially backfilled and topsoil has been placed in I Pit East. This area represents approximately 15 to 20 acres included in the proposed SL25 Phase I bond release that includes D Pit. Further I Pit mining to the south is anticipated. The preparation of a TR for this mining is underway.

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SIGNS and MARKERS – Rule 4.02

- Mine identification sign and blasting notice is posted at the main entrance off of State Highway 13.
- Topsoil stockpiles observed were clearly marked with identifying signs.

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 were in good repair. Due to thawing conditions they were muddy at the time of inspection
- Access roads were impassable due to snow coverage.
- Ditches along haul 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

- Middle Flume #1 held a small amount of water.
- Middle Flume #3 holding water ice and snow covered.
- Johnson and No Name ponds were discharging last week when Graham Roberts sampled.

TOPSOIL – RULE 4.06

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

- Piles appeared stable with vegetation and to be marked appropriately.

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

- Blasts were being set up and drilled in L, N and J Pits.

BACKFILL and GRADING – RULE 4.14

- Reclamation consists of benched overburden in L Pit awaiting grading, an ongoing activity at Trapper Mine.

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 and where snow covered at the time of inspection.

FISH and WILDLIFE– RULE 4.18

Wildlife sightings included red and white tailed hawks, and a large herd of cow elk.

INSPECTION, ENFORCEMENT and CIVIL PENALTIES – RULE 5

Inspections 5.02; Availability of Records

- As this was a complete inspection, records were checked.

DOCUMENTS RECEIVED

None

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ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS

Photo 1: Mine identification sign at main entrance.



Photo 2: Blasting notice sign at main entrance

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Photo 3: L Pit, looking south.



Photo 4: N Pit mining activities, looking east.

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Photo 5: J Pit dragline.

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AVAILABILITY OF RECORDS

PERMIT RECORDS		HYDROLOGIC RECORDS	
DRMS Permit	Exp. 12/31/2027	NPDES Permit	Yes
Permit Application w/Revisions	Yes	NPDES Records	Dec 2024
Findings Document	RN8	Stormwater Management Plan	NA
Insurance Certificate	Exp. 1/2024	SPCC Plan	2012 July updated
Bond Document	OK	MSHA Pond Inspections	2023Aug
Phased Bond Release Documents/Findings	SL23	State Engineer's Pond Inspection	
Air Emission Permits	OK	Quarterly Pond Inspections	2023 Q4
County Special Use Permits	OK	Annual Hydrology Reports	2022
Mining Landowner Notification	NA	• Ground Water Monitoring	Yes
Subsidence Monitoring Reports	NA	• Surface Water Monitoring	Yes
Subsidence Monitoring Data	NA	• Spring & Seep Monitoring	Yes
Rill & Gully Survey	NA	• Mine Water Discharge Monitoring	Yes
Vegetation Monitoring Data	SL22	• Mine Inflow Study	NA
Specific Variance Approvals	NA	• Water Consumption Records	Yes
Annual Reclamation Reports	2022	Well Permits	Yes
Midterm Review Documents	MT7		
DRMS/OSM Inspection Reports/Enforcement Actions (3 Years)	Through April 2023	BLASTING RECORDS	
Transfers/Succession of Operator	NA	Blasting Publication	Feb 2023
Temporary Cessation Notification	NA	Blasting Records (3 years)	Yes
Reclamation Cost Estimate	RN8 App A Vol V.	ATFE Explosives Permit	Yes, exp 2026
CERTIFICATIONS		Blasting Variances	NA
Pond Certifications	App Q sect XVI	Pre-Blast Surveys	Drawer 3
Annual Certifications for Impoundments	July 2023 Coyote		
Fill Certifications for Excess Spoil or Underground Development Waste	2022 Q2 Horse Gulch. Where	ADDITIONAL RECORDS (specify)	
• Quarterly Inspections	2023 Q4	County Ash Disposal	Book 2 Forrest
• Compaction Testing	NA	Certificate of annual calibration for seismographs per Rule 4.08.5	BE9777 back up. 2020 BE21644 7 Jan 2022 UM8395 12 Nov 2022
• Final Certification	NA		
Coal Processing Waste Banks	NA		
Haul Road Certifications	OK		
Access Road Certifications	*3		
COMMENTS: NPDES permit: CO 00032115 renewed in 2020			
*2 Permit 11 MF523-1 (Mining and Ash Disposal), C-11,253(Coal Stockpile-not used)			
*3 Map M52 is part of certification. Highlighted items require attention.			

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