



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

UPDATED 16 APRIL 2021

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: 14 April 2021 Inspection Start Time: 8:30 a.m. Inspection Start Date: 14 April 2021 Inspection End Time: 4:30 p.m.	Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Weather: Cloudy/Foggy
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: 15 April 2021

Number of Partial Inspection this Fiscal Year: 7

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	
R - Air Resource Protection	R - Roads
N - Availability of Records	R - Reclamation Success
R - Backfill & Grading	R - Revegetation
N - Excess Spoil and Dev. Waste	Y - Subsidence
N - Explosives	Y - Slides and Other Damage
R - 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 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 Reilley of the DRMS. Graham Roberts, Trapper Mine representative was present throughout the inspection. Skies were cloudy and there was a thick fog until about 2 p.m. when the fog lifted and clouds cleared somewhat. The temperature hovered around 35 degrees Fahrenheit. There was a light breeze. Ash and overburden were being hauled. Haul roads were damp and passable. Most of the site was accessible but visibility was limited throughout the morning. Reclamation activities were progressing as permitted.

PERMITTING ACTIONS in PROGRESS:

- TR127 the 2020 ARR

UPCOMING PERMITTING ACTIONS

- A phase III of approximately 200 acres is contemplated for autumn.

MAINTENANCE ITEMS

Maintenance issues identified and discussed with the operator comprise annual or as needed items and will be scheduled as soon as possible.

1. Ponds requiring dredging or removal of vegetation include Pyeatt #1 and #2, Johnson 10R, and Deal #1.
2. Annual maintenance of reclamation and constructed drainages.

INSPECTION

GENERAL MINE PLAN COMPLIANCE:

Two draglines are stationed in the L pit, one was operating at the time of inspection. One dragline, the in the L pit is undergoing maintenance. Activities in the L, N and I pits were observed and appear to be progressing as permitted. The high wall miner is in process of assembly.

The Queen Anne is stationed in the N pit and was not operating at the time of inspection. Overburden removal and stripping in N Pit is complete. Coal level has been reached in the N Pit. The pit floor is exposed and water was present at the time of inspection. The higwall is weeping water and is being monitored for movement utilizing a sophisticated LIDAR system, (Map Tech Sentry), that monitors for bulging, movement and other changes.

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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 damp in spots, in good repair and well maintained at the time of inspection.
- Access roads were slippery and rutted in some areas.
- Ditches appeared to be functioning adequately.

SUPPORT FACILITIES – Rule 4.04

- The Ready Line appeared orderly at the time of inspection.
- The Ash Pit exhibited a soft surface in places. No issues were observed requiring attention at the time of inspection. The upper portion of the ash pit is reaching its fill limit.

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

Unless otherwise noted, pond banks and dams appeared stable at the time of inspection. The following pond systems were visited or observed from the nearest accessible road:

- a) East Pyeatt Pond #1 was full with mud from pumping N Pit. The pond will be dredged as soon as possible.
- b) East Pyeatt Pond #2 was full and exhibited a significant delta at the pond inlet. The pond will be dredged as soon as possible.
- c) East Pyeatt 3 was full and discharging clear water.
- d) Middle Pyeatt was dry at the time of inspection.
- e) Coyote, the large MSHA pond held water as observed from the road.
- f) Middle Flume #3 was full, and not discharging at the time of inspection.
- g) Oak Ponds were observed from the road above as the road to the ponds was not accessible at the time of inspection. Oak Pond #1 appeared approximately half full and Oak Pond #2 appeared dry.
- h) Johnson 10 R full and discharging clear water.
- i) The No Name system was holding water and No Name # 5 was full and discharging water.
- j) Deal Pond #2 was dry at the time of inspection
- k) Deal #1 held water and exhibits a significant delta.

TOPSOIL – RULE 4.06

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

- No instability or rilling were noted on the observed topsoil piles. Piles appeared to be marked appropriately and adequately vegetated.
- Topsoil has been placed in burms along the I Pit.

BACKFILL and GRADING – RULE 4.14

- Backfilling and grading has not yet commenced for the 2021 field season as the soil remains unworkable.
- Reclamation consists of benched overburden hauls awaiting grading.

REVEGETATION - Rule 4.15

General Requirements 4.15.1; Use of Species 4.15.2, Grazing 4.15.5

- Reclamation and revegetation appeared to be progressing adequately.
- Reclamation that took place over the past two years consisting of constructed drainages, backfilling, grading, topsoiling and seeding appeared stable now that snow has dissipated.

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Several limited areas of rilling were noted as were a couple of possible repairs on check dams. This stabilization/maintenance will take place as soon as soil conditions are amenable.

- Revegetation was beginning to green appear in areas where the snow has dissipated.

FISH and WILDLIFE— RULE 4.18

Abundant wildlife is often observed throughout Trapper mine. Wildlife included red and white tailed hawks, and waterfowl consisting of merganser ducks, geese, a heron and others. A group of cow elk was also noted during the inspection.

DOCUMENTS RECEIVED

None

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS



Photo 1: Johnson 10R Pond, cattails may require excavation.

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Photo 2: Middle Flume #3 Pond.



Photo 3: Deal #1 Pond and significant delta.

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Photo 4: Reclamation and constructed drainages.



Photo 5: The assembling of the highwall miner.

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