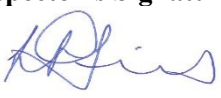
COLORADO
Division of Reclamation, Mining and Safety
Department of Natural Resources

PERMIT INFORMATION

Permit Number: C1981033 **Mine Name:** Bear Mine **Operator:** N/A **Operator Address:** N/A	**County:** Gunnison **Operation Type:** Underground **Permit Status:** Revoked **Ownership:** Private
	Operator Representative Present: N/A
Operator Representative Signature: (Field Issuance Only)	

INSPECTION INFORMATION

Inspection Start Date: January 23, 2023 **Inspection Start Time:** 14:00 **Inspection End Date:** January 24, 2023 **Inspection End Time:** 12:00	**Inspection Type:** Coal Partial Inspection **Inspection Reason:** Normal I&E Program **Weather:** Clear
Joint Inspection Agency: None	**Joint Inspection Contacts:**
Post Inspection Agency: None	**Post Inspection Contacts:**

Inspector(s):	**Inspector's Signature:**	**Signature Date:**
Leigh Simmons		February 4, 2023

1313 Sherman St. Room 215
Denver, CO 80203
(303) 866-3567

Inspection Topic Summary
NOTE: **Y**=Inspected **N**=Not Inspected **R**=Comments Noted **V**=Violation Issued **NA**=Not Applicable

N - Air Resource Protection
N/A - Availability of Records
N - Backfill & Grading
N - Excess Spoil and Dev. Waste
N - Explosives
N - Fish & Wildlife
R - Hydrologic Balance
N - Gen. Compliance With Mine Plan
N - Other
N - Processing Waste
N - Roads
N - Reclamation Success
N - Revegetation
N - Subsidence
R - Slides and Other Damage
N - Support Facilities On-site
N - Signs and Markers
N - Support Facilities Not On-site
N - Special Categories Of Mining
N - Topsoil

COMMENTS

The Bear mine permit is revoked, the site has been reclaimed, and the required inspection frequency has been reduced to quarterly. The weather was cold with snow on the ground. The ground was frozen, but warmed up sufficiently on Tuesday to make vehicle access to the drilling site difficult. Contractors with Tetra Tech, and their subcontractors, Authentic Drilling of Kiowa, CO, were on site, attempting to characterise the underground coal fire. Tara Tafi of the Division was also on site on Tuesday.

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 groundwater seep was very obvious in the snowy surroundings, where the elevated temperature of the water kept the area free of snow.

SLIDES and DAMAGE - Rule 4.12:

The drilling project on the bench above the slide area was still in progress. At the time of the inspection seven holes had been drilled using an air rotary drill, one core hole had been drilled (in an attempt to circumvent problems with circulation of drilling mud) and a final hole was being drilled in order to install an inclinometer.

Of the nine holes drilled, two had made it to or past the b-seam. According to Jeff DeTienne of Tetra Tech, results so far suggest that the coal in the c-seam is burning, as well as coal in a rider seam above it; and that coal in the b-seam is not burning.

The drill rig was expected to move to the lower road (below the c-seam) later in the week. Two holes into the b-seam were planned, where it was expected to find flooded workings and ambient temperatures.

Number of Partial Inspection this Fiscal Year: 3
Number of Complete Inspections this Fiscal Year: 2

PHOTOGRAPHS

Figure 1: Slide area from below

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Figure 2: Groundwater seep

Figure 3: Overview of site from bench above slide area

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Figure 4: Authentic Drilling drill rig installing inclinometer

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Figure 5: View along bench from east to west

Number of Partial Inspection this Fiscal Year: 3
Number of Complete Inspections this Fiscal Year: 2

Figure 6: View along bench from west to east

Number of Partial Inspection this Fiscal Year: 3
Number of Complete Inspections this Fiscal Year: 2