




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME: Lee No 2 Placer	MINE/PROSPECTING ID#: M-1987-072	MINERAL: Gold	COUNTY: Gilpin
INSPECTION TYPE: Monitoring	WEATHER: Cloudy	INSP. DATE: May 18, 2023	INSP. TIME: 10:30
OPERATOR: Thomas Musch and Valerie Musch	OPERATOR REPRESENTATIVE: Don Hower	TYPE OF OPERATION: 110(2) - Hard Rock Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$2,750.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Brock Bowles	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 7, 2023	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This inspection was conducted by Brock Bowles of the Division of Reclamation, Mining and Safety (Division). Mr. Don Hower represented the operator, Mr. Thomas Musch, for the inspection. The Lee #2 Placer is located about 2½ miles southeast of Central City. The site is a 110(2) with 1.0 acres permitted and the post mining land use is pastureland. The weather during the inspection was partly cloudy, warm and the ground was wet from spring runoff resulting in the creek overflowing its banks.

The mine entrance sign was in place (photo 1). The four corners of the permit boundary were marked with white PVC post. The southeast corner post was broken and needs to be replaced (photo 2). The mining area is about 30'x600' and straddles the creek bed.

The mine was not active during the inspection and is only active on an intermittent basis. The approved mining plan allows the operator to remove material from the creek bed, pass the material through a trommel and sluice box and then return all water and gravel to the creek bed. According to Mr. Hower, all this work is done with a pick and shovel. No machinery was onsite.

The disturbance from the mining was minimal and mostly takes place in the stream channel. Some mining activity goes into the northern bank of the creek creating adjacent small pools (photo 3). The excavated material from the adjacent pool is then used to backfill previous excavated areas. The newly backfilled areas are filling in with sediment and grasses are growing (photo 4).

The area has a long history of being mined and old mine excavations are scattered throughout the site. These older workings are now overgrown with vegetation and trees. There is some non-mining related activity taking place upstream of the mining permit on the adjacent property. This activity has directed some of the water outside of the stream channel. As a result, water was flowing through the permit area in multiple channels including the road, small grassy meadows and stands of trees in the valley bottom (photo 5).

The cost estimate was calculated as \$2,585 to conduct reclamation activities at the site. The current bond held by the Division is \$2,750 which is adequate to cover the cost of reclamation.

PHOTOGRAPHS



Photo 1 – Mine entrance sign



Photo 2 – Southeast corner post needs replacing



Photo 3 – Creek bank excavation



Photo 4 – Backfilled areas self-revegetating



Photo 5 – Southern permit area saturated with spring runoff

Inspection Contact Address

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