



COLORADO


Division of Reclamation,
Mining and Safety

Department of Natural Resources

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.

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|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------|
| MINE NAME: Humming Bird Mine | MINE/PROSPECTING ID#: M-2017-035 | MINERAL: Gemstones, fluorine, copper | COUNTY: Mesa |
| INSPECTION TYPE: Monitoring | INSPECTOR(S): Amy Yeldell | INSP. DATE: October 2, 2019 | INSP. TIME: 15:30 |
| OPERATOR: Miners Mall, LLC | OPERATOR REPRESENTATIVE: Dennis Schneider | TYPE OF OPERATION: 110(1) - Hard Rock Limited Impact | |
| REASON FOR INSPECTION: Normal I&E Program | BOND CALCULATION TYPE: None | BOND AMOUNT: \$2,588.30 | |
| DATE OF COMPLAINT: NA | POST INSP. CONTACTS: None | JOINT INSP. AGENCY: BLM | |
| WEATHER: Clear | INSPECTOR'S SIGNATURE:  | SIGNATURE DATE: October 21, 2019 | |

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.

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|--------------------------------------------|------------------------------------------|---------------------------------|
| (AR) RECORDS----- <u>Y</u> | (FN) FINANCIAL WARRANTY----- <u>N</u> | (RD) ROADS----- <u>N</u> |
| (HB) HYDROLOGIC BALANCE----- <u>Y</u> | (BG) BACKFILL & GRADING----- <u>Y</u> | (EX) EXPLOSIVES----- <u>NA</u> |
| (PW) PROCESSING WASTE/TAILING---- <u>Y</u> | (SF) PROCESSING FACILITIES----- <u>N</u> | (TS) TOPSOIL----- <u>Y</u> |
| (MP) GENL MINE PLAN COMPLIANCE- <u>Y</u> | (FW) FISH & WILDLIFE----- <u>Y</u> | (RV) REVEGETATION---- <u>Y</u> |
| (SM) SIGNS AND MARKERS----- <u>Y</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>Y</u> | (ST) STIPULATIONS----- <u>N</u> |
| (AT) ACID OR TOXIC MATERIALS----- <u>Y</u> | (OD) OFF-SITE DAMAGE----- <u>Y</u> | |

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

OBSERVATIONS

This inspection was conducted as part of the Colorado Division of Reclamation, Mining, and Safety (Division) normal monitoring program. The Humming Bird Mine is a 110(1) surface mining operation that includes a total of 0.10 acres. The site is located approximately 13 miles south of Whitewater, Colorado in Mesa County. The mine is located on the north side of 141 at the entrance of Nancy Hanks Gulch in Unaweep Canyon and is accessible from a trail west of the parking lot. Eric Eckberg represented the BLM. Mr. Dennis Schneider and Tammey Schneider, of Miners Mall, LLC, were present. Amy Yeldell of the Division conducted the inspection.

The mine sign and boundary markers remain in place and in compliance with Rule 3.1.12. The proper notification sign was in place at the entrance to the mine site and corner posts were installed to delineate the permit boundary.

The site was active at the time of the inspection. There are two main excavations each approximately 10 feet deep. The operator intends to connect these excavations, forming a trench to follow the vein. Prior to using Dexpan or Eco-Blast, the operator shall submit a written request to the Division and gain approval to revise the mining plan to use alternative mining methods.

The waste rock and topsoil piles appears to be stable. There is no erosion from the piles. The topsoil has good vegetation establishment. Vegetation on the waste rock piles are sparser given the lack of fine materials present. Mr. Schneider has indicated that he intends to introduce more organic matter (straw) in hopes that it will aid in vegetation establishment. Around the mined areas, undisturbed vegetation is sparse due to the dense forest cover. In the disturbed areas understory is also sparse, the operator has not removed any trees to for mining. No weeds were observed.

The Division currently holds a financial warranty amount of \$2,588.30 for this site.

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 303-866-3567 Ext 8183 or via email at amy.yeldell@state.co.us

Inspection Contact Address

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Enclosure

CC:
Travis Marshall, Senior EPS, Grand Junction DRMS
Eric Eckberg, BLM

PHOTOGRAPHS



