




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: LGPD2 Mine	MINE/PROSPECTING ID#: M-2019-026	MINERAL: Gemstones	COUNTY: Park
INSPECTION TYPE: Monitoring	WEATHER: Raining	INSP. DATE: July 24, 2023	INSP. TIME: 13:00
OPERATOR: Michael Royer	OPERATOR REPRESENTATIVE: None	TYPE OF OPERATION: 110(1) - Hard Rock Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$5,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: U.S. Forest Service	JOINT INSP. AGENCY: None	
INSPECTOR(S): Elliott Russell	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 24, 2024	

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>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING----- <u>N</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>Y</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>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

PROBLEMS/POSSIBLE VIOLATIONS

None observed during the inspection.

OBSERVATIONS

This inspection was conducted as a part of the Division's routine monitoring inspection program for the purpose of evaluating the reclamation status of the site. Based on observation made during the inspection, the Division encouraged the Operator to submit a request for release of reclamation responsibility in accordance with Rule 4.17.1. On June 20, 2023, the Operator submitted a Request for Full/Final Release of Entire Permit Area (SL1).

The LGPD2 Mine is a 110(1) Operation located in Park County, approximately 1.5 miles north of Lake George, Colorado. The site is permitted at 3.67 acres. The approved post-mining land use of the affected lands is Forestry. John Crowley, representing the Operator, was contacted prior to the inspection but was not able to accompany the Division. The site is located on United States Forest Service (USFS) lands, and therefore this was a joint inspection with Amy Titterington of the USFS.

Availability Of Records: The Anniversary Date for the permit is August 14th of each year. The 2021-2022 Annual Report, Map, and Fee was received on July 15, 2022. The previous inspection was conducted on June 30, 2022; there are no open infractions. After finding SL1 complete, the Division notified the landowner (USFS), the Park County Commissioners, the Park County Planning Department, and the Teller-Park Conservation District of the Operator's request to be released from reclamation responsibility, as required by Rule 4.17.2. To date, the Division has not received any comments nor objections to the full release request.

Hydrologic Balance: Impacts to the prevailing hydrologic balance appeared to have been minimized.

Gen. Compliance With Mine Plan: The operation appeared to have followed the approved mine plan.

Backfilling and Grading: All slopes appeared to be appropriately backfilled and/or graded.

Sediment Control: The reclaimed slopes appeared stable and showed no signs of erosion.

Revegetation: The affected lands were vegetated with a diverse community of grasses. Vegetative cover appeared to match or exceed adjacent off-site areas. No noxious weed infestations were observed. The southwest reclaimed dig sites were sparsely vegetated as compared to the northeast dig sites; this is likely due to being a south-southwest facing slope with little to no tree overstory to provide regulated soil temperatures and moisture retention, however these areas were appropriately reclaimed based on nearby undisturbed lands with similar conditions.

Reclamation Success: Reclamation efforts appeared to have been successful. Nothing observed during the inspection would prevent the Division from approving the release request. During the inspection, the USFS concurred that the site appeared to be appropriately reclaimed and that the Division could encourage the Operator to submit a release request which then could be approved. Therefore, the Division will now approve the release request at this time. The Division is required to hold the final release paperwork and performance warranties for 30 days to allow for any appeals of the Division's decision. If no appeals are received, these documents will be sent to the Operator after the 30-day appeal period ends.

This concludes the Division's Inspection Report. If you need additional information or have any questions, please contact me at **303-866-3567 x8132**, or by email at elliott.russell@state.co.us.

PHOTOGRAPHS



Photo 1. Reclaimed dig area in the northeast part of the permit; looking south.



Photo 2. Reclaimed dig area in the northeast part of the permit; looking south.



Photo 3. Reclaimed dig area in the northeast part of the permit; looking northeast.



Photo 4. Reclaimed dig area in the northeast part of the permit; looking east.



Photo 5. Reclaimed dig area in the southwest part of the permit; looking south.



Photo 6. Reclaimed dig area in the southwest part of the permit; looking southeast.



Photo 7. Reclaimed dig area in the southwest part of the permit; looking west.

Inspection Contact Address

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CC: John Crowley
Amy Titterington, USFS