




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: Half Moon Pit	MINE/PROSPECTING ID#: M-1977-071	MINERAL: Aggregate	COUNTY: Lake
INSPECTION TYPE: Monitoring	WEATHER: Cloudy	INSP. DATE: June 27, 2024	INSP. TIME: 08:55
OPERATOR: Lake County	OPERATOR REPRESENTATIVE: Jimmy Romero	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Lucas West	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 27, 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>N</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>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</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>N</u>	(ST) STIPULATIONS----- <u>Y</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 as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety's Active Mines Program. The Half Moon Pit is an Active 112c operation operated by Lake County. The site is located approximately 5.8 Miles Southwest of Leadville, CO and accessed from CR11A. The approved operation encompasses a total of 80 acres, with only approximately 28 acres currently disturbed. The Division currently does not hold a Financial Warranty for the site pursuant to Rule 4.1.2(2). Jimmy Romero accompanied the Division and represented the Operator during the inspection. Various mining equipment was present, however the site was not active at the time of the inspection. Four Photos accompany this report to illustrate the current site conditions.

The proper mine Identification signage was posted at the entrance to the site as can be seen in Photo One. The Permit Boundary was clearly marked by t-posts around it's perimeter. The mining operation is being conducted as to not utilize highwalls, but rather mine the slopes at the reclamation grade of approximately 3H:1V. All pit slopes around the perimeter of the pit appeared stable at the time of the inspection, and an example of them can be seen in Photo Two. No evidence of settling, slumping or erosion was noted. The pit exhibits positive drainage, and no impounded stormwater was noted on the pit floor. Similar to the pit slopes, no evidence of settling or slumping was noted on the floor. An example of the pit floor can be seen in Photo Three.

Various stockpiles of processed material were present around the pit, and example of which can be seen in Photo Four. All observed stockpiles appeared stable at the time of the inspection and in good condition. Removed topsoil from the disturbed area has been stockpiled around the pit near the shoulder of the slope. All topsoil stockpiles are vegetated for stability and in good condition. Near the entrance to the site, various construction materials such as jersey barriers, and bridge components are being stored. The items are stored in a neat and orderly fashion and not considered a problem at the time.

An asphalt batch plant is present on site, however, has not been used in some time. All components of the batch plant appear to be in good working order and no evidence of vandalism was noted. Throughout the site, no signs of significant erosion were noted and no State Listed Noxious Weeds were observed. The overall footprint of the site is in excellent condition and no problems or possible violations were found. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at Room 215, 1001 East 62nd Ave, Denver, CO 80216. Direct contact can be made at the Division's Grand Junction Field Office, by phone at 303-919-2997 or by email at lucas.west@state.co.us.

Inspection Contact Address

Jimmy Romero
Lake County
429 East 12th St
Leadville, CO 80461

CC: Travis Marshall, DRMS

PHOTOGRAPHS



Photo One: View West, showing the proper Mine ID Sign posted at the entrance to the site.



Photo Two: View North, showing an example of the slopes around the perimeter of the pit. The slopes are being mined at reclamation grade and were stable at the time of the inspection.

