




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: Chieftain South Mine	MINE/PROSPECTING ID#: M-1981-148	MINERAL: Clay (general)	COUNTY: Jefferson
INSPECTION TYPE: Monitoring	WEATHER: Cloudy	INSP. DATE: September 16, 2024	INSP. TIME: 11:00
OPERATOR: General Shale Brick, Inc.	OPERATOR REPRESENTATIVE: Jason McGraw	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$397,830.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Ben Hammar Zach Trujillo	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 1, 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>NA</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>NA</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>NA</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>NA</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</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 was a routine monitoring inspection of the Chieftain South Mine, a 98.52 acre 112c construction materials operation located near the SE corner of the intersection of Highway 470 and West Alameda Parkway. This inspection was conducted by Ben Hammar and Zach Trujillo of DRMS, who were joined by operator representative Jason McGraw. The current bond posted for this site is \$397,830.

Stockpiles of topsoil, overburden, and product are present on-site and are well vegetated and stable. Dust control issues have been cited in past inspections, with complaints being filed by citizens of the bordering housing development. Currently there appears to be no risk of further issues.

A housing development borders the site along the entire southern half of the permit boundary. Permit boundaries are very clearly defined due to the operation's close proximity to the neighborhood, marked with a fence line surrounding the permit.

No problems were found during this inspection. No off-site impacts were observed and no impacts to the surrounding hydrologic balance were found. The operator has constructed large rip-rap lined drainage channels following an agreement with a local developer. As such, drainage from the site appears to be very well maintained. Active mining has not taken place on-site since 2006, however material from existing stockpiles is regularly removed for sale.

During the review of the South Chieftain Mine, it has come to the Division's attention that the reclamation liability amount has not been updated since 2017. Because the reclamation bond has not been adjusted in some time, the Division has updated the reclamation cost estimate for the South Chieftain Mine to ensure the financial warranty reflects the actual current cost of fulfilling the requirements of the reclamation plan per Rule 4.2.1. The financial warranty increase accounts for the increased cost in the event the state is to perform earthwork and revegetation. A Surety Increase will be sent to the operator under separate cover. The operator will have 60 days to post the additional financial warranty from the date of written notice from the Division per Rule 4.2.1(2).

Inspection Contact Address

Jason McGraw
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1845 W. Dartmouth Ave.
Denver, CO 80110

Enclosure

CC:

PHOTOGRAPHS



Photo 1: Permit sign.



Photo 2: Representative stockpile, with established vegetation.



Photo 3: Stockpile that had been a source of complaints. Currently well stabilized.



Photo 4: Drainage channel and southern site boundary.



Photo 5: Seeded topsoil stockpile.



Photo 6: Previous mined area and drainage pond.