




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: Dawson Mine	MINE/PROSPECTING ID#: M-1977-392	MINERAL: Clay (general)	COUNTY: Elbert
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: November 15, 2017	INSP. TIME: 11:00
OPERATOR: The Denver Brick Company	OPERATOR REPRESENTATIVE: Rob Tibbetts, Steve Helzer	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$80,358.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: November 29, 2017	

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>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>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>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

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

OBSERVATIONS

The Dawson Mine was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. The site was previously inspected by the Division on June 3, 2014. Mr. Rob Tibbetts and Mr. Steve Helzer with The Denver Brick Company were present during the inspection.

The site is a 28.85 acre 112c Construction Materials permit for the mining of clay. The Division currently holds a financial warranty in the amount of \$80,358.00, which appears adequate based on the current site disturbance level. A mine sign and boundary markers were observed as required by Rule 3.1.12.

The site was inactive during the inspection. The site is divided into three (3) areas; Area 4 located in the northwest corner of the site and north of the access road, Area 3 located in the southwest corner of the site and Area 2 located in the southeast corner of the site.

Area 4 consists of a relatively flat area most recently used as a stockpile area. The product and overburden stockpiles observed in the area during the last inspection have been removed and the Operator stated the area would be reclaimed soon. The area was partially vegetated with volunteered native grasses.

Area 3 contains a stockpile of calcine in the northwest corner of the area, a well vegetated topsoil stockpile in the southern portion of the area, a well vegetated overburden stockpile in the southwest corner of the area and a partially reclaimed mining area in the east portion of the area. The mining activity removed a portion of the western hill. The mined area was regraded to a 3H:1V slope on all sides creating a basin.

Area 2 contains the current mining disturbance with near vertical highwalls of 15 to 20 feet in height. Mining activities will continue in this area and progress to the southwest and will eventually mine through the three hills within the permit area.

The approved post-mining land use for the site is rangeland. Area 1 was successfully reclaimed by the Operator and was released by the Division in 2008. As stated above, the reclamation of Area 4 is expected to begin soon. Noxious weeds including Canada thistle and diffuse knapweed were observed during the inspection. The Operator was reminded of the requirement to implement the approved weed control management program for the site.

Photographs taken during the inspection are attached.

Inspection Contact Address

Mr. Rob Tibbetts
The Denver Brick Company
401 Prairie Hawk Dr.
Castle Rock, CO 80109

Ec: Wally Erickson, DRMS

PHOTOGRAPHS



Dawson Mine sign



View of the site from the southwest corner of the site looking north east



View of the eastern mining area from the southwest corner looking northeast