




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: Kiowa Clay Mine	MINE/PROSPECTING ID#: M-2007-009	MINERAL: Clay (general)	COUNTY: Elbert
INSPECTION TYPE: Monitoring	INSPECTOR(S): Patrick Lennberg	INSP. DATE: November 14, 2018	INSP. TIME: 13:00
OPERATOR: The Denver Brick Company	OPERATOR REPRESENTATIVE: Rob Tibbetts and Steve Helzer	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$244,932.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 7, 2018	

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>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>N</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 Kiowa Clay Mine site was inspected by Patrick Lennberg and Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) at the request of the Operator. The Operator requested the inspection to evaluate the site for final closure reclamation. The Operator was recently informed by The Denver Brick Company corporate office the Castle Rock brick plant would be shutdown permanently and the Kiowa Clay Mine site would be reclaimed prior to completing the approved Mining Plan or sold to another party. The Operator wanted to discuss the proposed final reclamation activities required to release the site with the Division ahead of a site visit with representatives from the corporate office later in the month. The site was previously inspected by the Division on November 15, 2017. Mr. Rob Tibbetts and Mr. Steve Helzer with The Denver Brick Company were present during the inspection.

The site is an 112c Construction Materials permit for 400 total acres with 92 acres of planned mining and processing of clay. The Division currently holds a financial warranty in the amount of \$244,932.00, which is adequate to reclaim the current site disturbance. A mine sign and boundary markers were observed as required by Rule 3.1.12.

Mining activities have not started at the site and the property is currently leased for grazing rights.

There is a historic exploration trench at the site that is 25 feet wide, 160 feet long, and 5 feet in depth. The material removed from the trench is stockpiled immediately adjacent to the disturbance and is overgrown with grasses and trees. This trench will need to be filled in, graded to match the surrounding landscape, and the disturbed area revegetated prior to any release of the site.

The option of transferring the reclamation permit to another mining company or the adjacent landowner was discussed during the inspection. The Operator will be required to complete the succession of operator process, pursuant to Rule 1.12, if they elect to transfer the permit.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at patrick.lennberg@state.co.us if you have any questions regarding this report.

Inspection Contact Address

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

CC: Michael Cunningham, DRMS

PHOTOGRAPHS



Photo 1: Mine permit sign



Photo 2: Looking southeast uphill at the trench



Photo 3: Stockpiled material adjacent to the excavation



Photo 4: Looking northwest at the trench, downhill