




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: Doughty's Pit	MINE/PROSPECTING ID#: M-1975-009	MINERAL: Clay (general)	COUNTY: Jefferson
INSPECTION TYPE: Monitoring	WEATHER: Windy	INSP. DATE: December 19, 2022	INSP. TIME: 11:00
OPERATOR: The Lakewood Brick and Tile Company	OPERATOR REPRESENTATIVE: Jim Welte	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$8,385.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Eric Scott	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 22, 2022	

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>NA</u>	(FN) FINANCIAL WARRANTY----- <u>N</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>NA</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>NA</u>	(RV) REVEGETATION---- <u>NA</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>NA</u>	

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

OBSERVATIONS

The Doughty's Pit was inspected by Eric Scott with the Division of Reclamation, Mining and Safety as part of the Division's monitoring inspection program. The site was previously inspected by the Division on February 14, 2019. Mr. Jim, and Ms. Julie Weltie with Lakewood Brick and Tile Company in addition to Mr. Steve O'Brian with Environment, Inc. were present during the inspection. The entrance sign and boundary markers were observed during the inspection as required by Rule 3.1.12 (photo 1).

The site is permitted for 5.0 acres. The Operator indicated previously that 5.0 acres of disturbance at the site and the extent of the disturbance appears to be unchanged since the last inspection. Mining has to continued in the south and east are of the permit since the previous inspection, however Mr. Weltie stated that when the current stockpile of material is depleted the mining will likely end and the permit will be reclaimed. The site was inactive during the inspection; however material was mined and removed from stockpiles during the 2022 mining season.

As this site was permitted in 1975 under enforcement actions against the property owner, the Division's record with respect to the mining and reclamation plan for this site is unusually poor. Mining was to be done with end loaders and trucks, and this method is still utilized at the site. The only information regarding the proposed reclamation was a statement that the site would be graded to 2:1 slopes or flatter, and revegetated to blend with the surrounding landscape of grass and trees.

Based on the existing perimeter slopes at the site (photos 2-4), and the extent of the disturbance within the permitted 5 acres, the Division believes that it is unlikely the re-sloping earthwork required to reclaim the site to stable 2:1 slopes within the existing permit area can be completed if additional excavation continues. DRMS recommends that the operator determine the viability of the current reclamation plan and submit a permit revision to address final reclamation, perhaps with slightly steeper 3:1 slopes and erosion control contouring. If the operator is unwilling to address this potential issue in a timely fashion, the Division will implement a surety increase based on the existing conditions and what would be required to achieve stable 2:1 slopes within the existing permit area. This may include costs to import material as needed and construction of benches to facilitate long term stability of the remaining slopes.

No other specific problems or issues were cited during the inspection. Photographs taken during the inspection are attached below.

Inspection Contact Address

Jim Welte
The Lakewood Brick and Tile Company
1325 Jay St
Lakewood, CO 80214

PHOTOGRAPHS



Photo 1 – Site identification sign near site entrance



Photo 2 – Existing product stockpile on right, overburden for reclamation on left.



Photo 3 – Photo from top of overburden stockpile looking west.



Photo 4 – Photo from top of overburden stockpile looking NW.