




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: Native/Pierre Mine	MINE/PROSPECTING ID#: M-1977-321	MINERAL: Clay (general)	COUNTY: Pueblo
INSPECTION TYPE: Monitoring	INSPECTOR(S): Tyler V. O'Donnell	INSP. DATE: March 16, 2016	INSP. TIME: 08:00
OPERATOR: Summit Brick & Tile Co.	OPERATOR REPRESENTATIVE: Mat Welte	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$6,500.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 20, 2016	

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>Y</u>	(RD) ROADS----- <u>Y</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>N</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <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

This routine monitoring inspection was conducted by Tyler O'Donnell (Division). Summit Brick and Tile Co. (Operator), was represented by Mat Welte during the inspection.

The Native/Pierre Mine is located in Pueblo approximately 1.3 miles east of Fountain Creek and just south of 18th street. The Native/Pierre Mine is a 9.9-acre 110c Construction Materials Reclamation Permit. The permit was issued in February of 1978. The primary commodity mined at the site is clay, for making bricks. The Native/Pierre Mine is located across the street from the Operator's Brink plant and yard. Much of the land to the west the affected land boundary is used by the Operator to stockpile product to feed the Brink plant. The approved post-mining land use is rangeland. The mine site was surrounded by the following land uses: residential, industrial/commercial, and rangeland.

During the inspection, the sky was clear and the ground was dry. The mining operation was not active during the inspection. At the present time it appears that the mining operation has affected approximately 8 acres throughout the life of mine. It appears that the Operator is conducting partial concurrent reclamation. Portions of the affected lands have been backfilled with waste brick and other waste materials from the brick plant, as approved in the reclamation plan. No problems or possible violations were noted during the inspection.

Backfilling and Grading:

The mining operation was expanding to the north. It appears that the Operator is mining the northern portion of the site at a 3H:1V or flatter. The Operator was in the process of backfilling with waste brick and other waste materials from the brick plant, as approved in the reclamation plan. Most of the backfilling work was taking place in the southern portion of the affected land.

Financial Warranty:

The current amount of financial warranty the Operator has on deposit with the State is \$6,500. The reclamation cost estimate for this site was updated during the file review for this inspection. It was determined that the current required financial warranty amount is adequate.

Hydrologic Balance:

The site was dry, no exposed groundwater was observed during the inspection. There appeared to be no significant impacts to the prevailing hydrologic balance.

Gen. Compliance With Mine Plan:

The operation appeared to be following the approved Mine Plan. All mining activity appeared to be within the approved boundary.

Roads:

All haul roads were stable and appeared to be well maintained.

Revegetation:

There was some plant growth throughout the affected lands. The growth in the affected areas appeared to be volunteer vegetation, comprised primarily of annual weeds, and native grasses. There were a few juvenile Tamarisk trees beginning to establish in a hand full of low laying areas around the southern portion of the site. Due to the limited number of tamarisk trees observed, the Division will not cite a problem for failure to control noxious weeds. However, the Operator is encouraged to continue to monitor and treat noxious weeds as they appear in the permit boundary. If the population of tamarisk increases the Division may cite a problem during a future inspection.

Erosion/Sedimentation:

There was no evidence of excessive erosion (gullies, or sediment fans).

Signs and Markers:

A mine I.D. sign required by Rule 3.1.12(1), was posted at the entrance to the mine site. The affected land boundary appeared to be marked by t-posts and a barbwire fence.

Topsoil:

There was adequate topsoil stockpiled on site to conduct the approved reclamation plan. There were two partially vegetated topsoil stockpiles within the affected lands, one in the southwest corner and the other in the northeast corner of the site. The topsoil stockpiles had adequate vegetative cover to protect topsoil from erosion.

Inspection Contact Address

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Pueblo, CO 81001

cc: Wally Erickson, DRMS

PHOTOGRAPHS



Photo 1: Active mining face along the northern boundary.



Photo 2: Active backfilling of waste brick and other materials.



Photo 3: Tamarisk trees circled in the red dashed line.



Photo 4: Topsoil stockpile in the southwestern corner of the affected land.