


**COLORADO**Division of Reclamation,
Mining and Safety

Department of Natural Resources

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: Fox #1 Clay Mine	MINE/PROSPECTING ID#: M-1977-219	MINERAL: Clay, sandstone, and borrow material	COUNTY: Pueblo
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Elliott R. Russell	INSP. DATE: October 24, 2017	INSP. TIME: 08:30
OPERATOR: Summit Brick & Tile Co.	OPERATOR REPRESENTATIVE: Matt Welte	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Preoperation Inspection	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$83,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 26, 2018	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected. 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>N</u>	(FW) FISH & WILDLIFE----- <u>Y</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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This pre-operation inspection was conducted in response to a request for a 112c Reclamation Permit Amendment Application (AM-03) to Fox #1 Clay Mine, File No. M-1977-219. Elliott Russell, with the Division of Reclamation, Mining and Safety (Division or DRMS), inspected the site. Matt Welte accompanied the inspection and represented the Applicant, Summit Brick & Tile Co.

The 112c construction materials permit amendment application was received by the Division on June 30, 2017. The application was deemed complete for filing purposes on August 1, 2017. The Applicant published a public notice as required by Rule 1.6.2(d) for four consecutive weeks in The Pueblo Chieftain. The public notice was published on August 4th, August 11th, August 18th, and August 25th. The public comment period closed on September 14, 2017. During the public comment period, the Division received two objections.

The amendment application proposes to add 1,006.5 acres, increasing the currently approved 40.3 acre permit to 1,046.8 acres. The mining operation continues to propose the extracting clay, sandstone, and borrow material from the Glencairn Formation of the Dakota Sandstone Group. The mine site is located approximately 17 miles southwest of Pueblo, Colorado and 4 miles northeast of Beulah, Colorado.

The public notices required by Rule 1.6.2(1)(b) were posted and observed along Siloam Road and near Even Road. There are three main west-to-east canyon areas which cross the proposed amendment area, one just south of the existing operation, and two located in the northern portion named Wales Canyon and Galbeth Creek. These three canyons and other miscellaneous drainages across the site are not proposed to be mined and are breaks in the mining areas. Existing vegetative cover on the area of the amendment application was variable based on topography, but typically consisted of a mixed overstory of ponderosa pine, one-seed juniper, and Gambel oak with an understory of miscellaneous grasses, forbs, and shrubs such as blue grama, western wheatgrass, broom snakeweed, and fringed sagebrush. Flatter areas consisted of an open overstory with a greater grass cover than the steeper canyon areas.

This concludes the Division's Inspection Report; a subset of photographs taken during the time of the inspection are included below. If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8132**, or by email at elliott.russell@state.co.us.

Inspection Contact Address

Matthew Welte
Summit Brick & Tile Co.
P.O. Box 533
Pueblo, CO 81002

CC: Wally Erickson, DRMS

PHOTOGRAPHS



Photo 1. Sample site notice posted along Siloam Road; looking west.



Photo 2. Permit identification sign posted at the entrance to the mine site; looking north.



Photo 3. Sample photo of existing operations, sandstone has been removed, clay is exposed for mining; looking north.



Photos 4. Berm between the southern edge of the operation and the drainage canyon located to the south of the existing operation; looking east.



Photo 5. Sample photo of existing operations, sandstone and clay has been mined; looking northeast.



Photo 6. Sample photo of existing operations, clay currently being mined; looking south.



Photo 7. Sample photo of existing operations, vegetated topsoil stockpile; looking northeast.



Photo 8. Mule deer observed on one of the site's topsoil stockpile; looking west.



Photo 9. Historic (pre-permit) highwall located just north of the existing operation, located within the amendment area and proposed to be mined; looking west.



Photo 10. Sample photo of the northern portion of the amendment area; looking west from Siloam Road.



Photo 11. Sample photo of the northern portion of the amendment area; looking southwest from Siloam Road.



Photo 12. Sample photo of the central portion of the amendment area; looking west from Siloam Road.



Photo 13. Sample photo of the northwest portion of the amendment area; looking south from Even Road.



Photo 14. Sample photo of the western portion of the amendment area (right side of fence); looking.