




**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.

<b>MINE NAME:</b> Ute Mine	<b>MINE/PROSPECTING ID#:</b> M-1979-221	<b>MINERAL:</b> Clay (general)	<b>COUNTY:</b> Douglas
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> December 29, 2016	<b>INSP. TIME:</b> 10:30
<b>OPERATOR:</b> General Shale Brick, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Jason McGraw	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Partial Bond	<b>BOND AMOUNT:</b> \$39,000.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> January 6, 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>Y</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>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>N</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**

The Ute 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 August 2, 2012. Mr. Jason McGraw with General Shale Brick, Inc. was present during the inspection.

The Division currently holds a financial warranty in the amount of \$39,000.00, which appears adequate based on this inspection. The mine sign and boundary markers were observed as required by Rule 3.1.12. All mining disturbance was contained within the permit boundary. The site is permitted for 38.78 acres according to the Division's records. The Operator's annual report map indicates a permit boundary of 42.36 acres. The Division approved an acreage reduction request (AR-01) in 2005. It appears the Division did not correctly calculate the revised permit acreage. The Division believes the correct permit acreage is 42.37, based on the information submitted with the 2005 acreage reduction request. The permit file will be updated by the Division.

The site was inactive during the inspection. The site is "campaign" mined by General Shale. Clay is mined in a period of weeks and stockpiled on site for later removal and transport to the processing facility in Lakewood for the production of bricks. The mine site is divided into a mining area and stockpile area. The stockpile area contained a large stockpile of clay. The northeast portion of the mine area was recently backfilled by the landowner, Sedalia Land Company, which operates the landfill facility south of the mine. The landfill operator needed to place extra material from opening a new landfill cell in the mine excavation. Additionally, the Sedalia Land Company informed General Shale the mining lease would be terminated. The leased portion of the site needs to be released from the permit area. The currently approved post mining land use for the area is pastureland. The Division will require the Operator to submit proof of the lease termination and proof the release request area is covered by the landfill certificate of designation to release the area in its current condition. The Operator intends to amend the permit to include the northwest corner of the property. This area is owned by the Operator and is believed to contain a minable clay deposit.

Final reclamation of the leased portion of the site is ongoing as mentioned above. The backfilled mine area has been seeded and mulched recently. The topsoil stockpile located in the northeast corner of the site was well vegetated. One small erosion gully was noted on the north side of the topsoil stockpile during the inspection. The Division recommends the Operator stabilize the erosion feature to prevent additional erosion of the stockpile. The stormwater pond in the southwest corner of the pad area contained water.

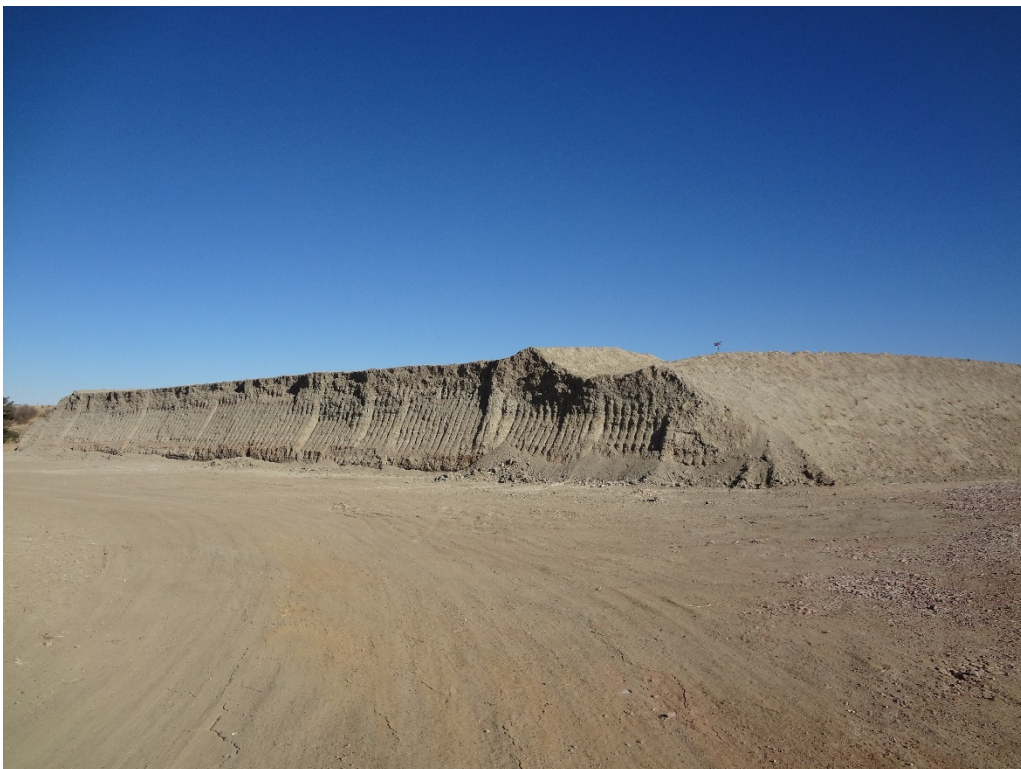
Diffuse knapweed and Common Mullein, List A and C noxious weeds, were observed at the site. A noxious weed control plan is approved for the site. The Operator stated the noxious weeds would be scheduled to be sprayed in the spring.

Photographs taken during the inspection are attached.

**PHOTOGRAPHS**



Ute Mine sign



View of stockpile from southwest corner of pad looking northeast



View of stockpile from southeast corner of pad looking northwest



View of stockpile from southeast corner of pad looking west



View of stockpile from northeast corner of pad looking southwest



View of stormwater detention pond in southwest corner of stockpile pad



View of mine face looking south (foreground is backfilled leased pit area)



View of stockpile from the backfilled leased pit area

**Inspection Contact Address**

Mr. Jason McGraw  
General Shale Brick, Inc.  
1845 W. Dartmouth Ave.  
Denver, CO 80110

Enclosure: Inspection Map






Cc: Wally Erickson, DRMS

# Ute Mine

M-1979-221

December 29, 2016 Inspection Map

## Legend

-  Approx. Permit Boundary
-  Leased Mine Area (backfilled)
-  Mining Area
-  Stockpile Area
-  Topsoil Stockpile

Google earth

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1000 ft