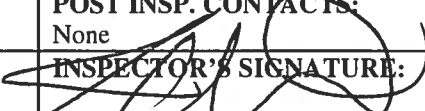




**COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY**  
**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

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> Shot Rock Pit	<b>MINE/PROSPECTING ID#:</b> M-2012-023	<b>MINERAL:</b> Crushed stone material	<b>COUNTY:</b> Las Animas
<b>INSPECTION TYPE:</b> Preoperation Inspection	<b>INSPECTOR(S):</b> T C. Wait	<b>INSP. DATE:</b> July 24, 2012	<b>INSP. TIME:</b> 15:55
<b>OPERATOR:</b> Tamrock Gravel	<b>OPERATOR REPRESENTATIVE:</b> Brent Tamburelli	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Pre-operation Inspection	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> TBD
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Partly-Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> July 30, 2012

**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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>Y</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</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>NA</u>	(SB) COMPLETE INSP---- <u>NA</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	(ST) STIPULATIONS----- <u>NA</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 was a pre-operation inspection conducted by TC Wait of DRMS. The mine operator representative present was Mr. Brent Tamburelli. The site is located about 5 miles north of Cokedale. Post-mine land use for this site is rangeland. The proposed permit area is approximately 21 acres, essentially removing rock from the top 25-75 feet of a hill.

At the time of the inspection, the site was dry. The notice sign was posted on a tree, and the proposed permit boundaries were marked with t-posts. There is an old mined area on the west side of the site that the Operator estimated to be late 1800s, and a more recent (past 10 years) mined area on the east side that is the location of rock removal the property owner did for personal use. The site has had trees removed over much of the proposed permit area within the past 6 months.

The Operator said that mining will begin on the western side, progressing eastward. Topsoil will be salvaged and stockpiled to the north of the mine area as the mining progresses. A buffer of trees will remain along the southern edge of the site. The Operator estimates that the desired rock material is thicker to the west and thins to the east. The mine plan indicates that a steep, vertical face of up to 75 feet could remain post-mining. DRMS reminded the Operator that an overall grade of 3:1 should be achieved for reclamation for overall stability and also for access of wildlife and rangeland animals after mining.

There are structures that may be impacted by mining operations, including barbed wire fences, the access road, and a gas pipeline. The Operator says that agreements have been reached with the owners of these structures.

### **Backfilling and Grading:**

If benches are to be used, the overall grade should be 3:1, and there should be adequate ability for wildlife and rangeland grazers to safely enter and exit the site following mining activity.

### **Explosives:**

Explosives may be used depending on the hardness of the rock being removed.

### **Hydrologic Balance:**

No groundwater is expected to be encountered.

### **Roads:**

Existing access road is in good condition.

### **Signs and Markers:**

Notice is posted on a tree in the permit area. The proposed permit boundaries are marked with t-posts.

### **Topsoil:**

Operator states that topsoil stockpiles will be located on the north side of the mine permit.



## PHOTOGRAPHS

Photo 1. Permit notice



Photo 2. Proposed permit boundary marker (eastern corner)

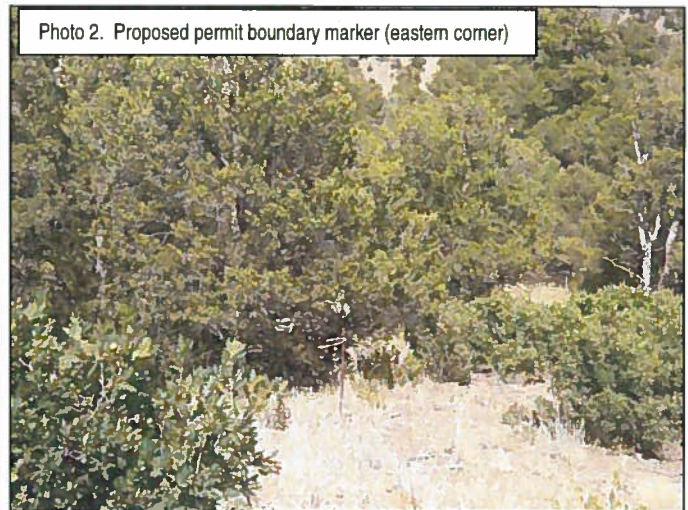


Photo 3. Eastern existing mined area, about 10 years old



Photo 4. Western existing mined area, est. 1800s. Note the fallen rock adjacent to the cliff face.

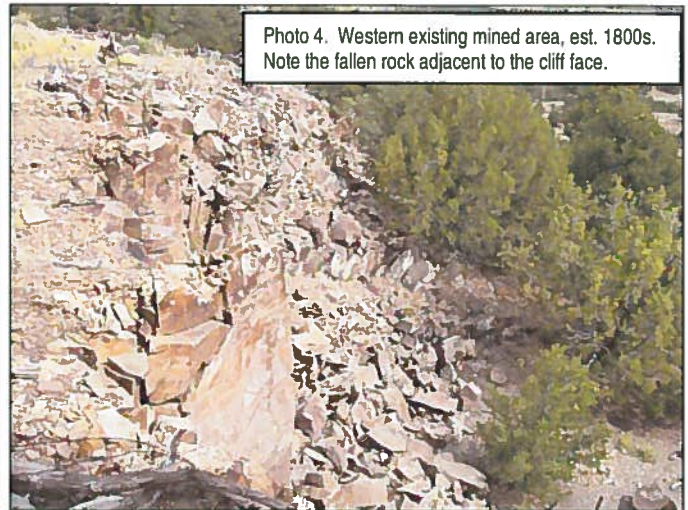


Photo 5. Fence along western permit area, looking north to corner post.

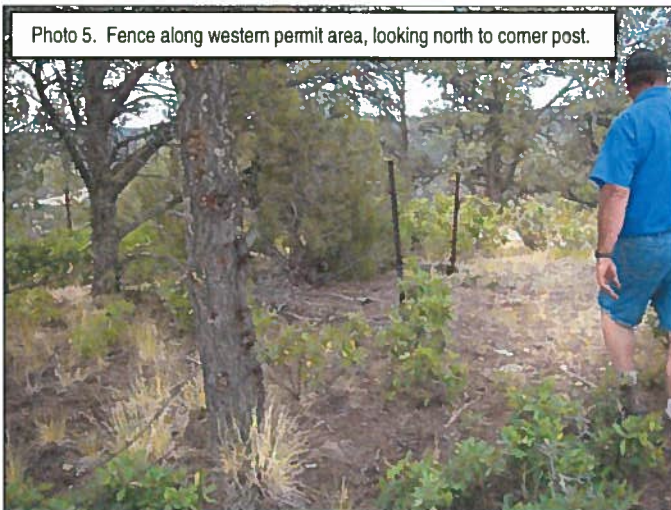
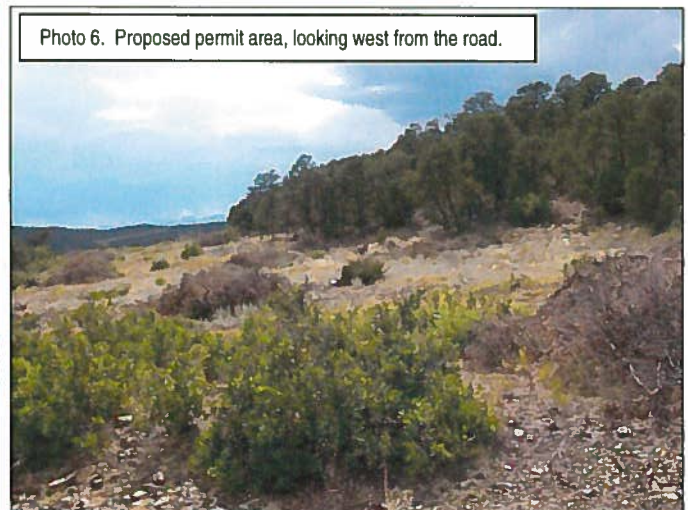


Photo 6. Proposed permit area, looking west from the road.



**Inspection Contact Address**

Brent Tamburelli  
Tamrock Gravel  
137 East Plum St.  
Trinidad, CO 81082

Enclosure

CC: