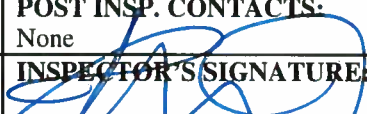




**COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY  
MINERALS PROGRAM INSPECTION REPORT  
PHONE: (303) 866-3567**

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> Wet Canyon Mine	<b>MINE/PROSPECTING ID#:</b> M-2003-072	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Las Animas
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> T C. Wait	<b>INSP. DATE:</b> June 19, 2012	<b>INSP. TIME:</b> 11:00
<b>OPERATOR:</b> Michael Browning	<b>OPERATOR REPRESENTATIVE:</b> Michael Browning	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$13,200.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Clear, warm, dry	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> June 25, 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>NA</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>NA</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</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>NA</u>	(RV) REVEGETATION---- <u>Y</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>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</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 normal monitoring inspection conducted by TC Wait of DRMS. The mine operator, Mr. Michael Browning, was present during the inspection. Post-mine land use for this site is rangeland. The permit area is approximately 9.9 acres in two bench areas and was accessed by vehicle. Mining is not currently occurring and reclamation has not initiated. The operator indicated that the north part of the permit site will be re-graded soon.

At the time of the inspection, the ground was dry, although evidence of ponding water at the top of the hill and erosive water flow down the road on the northern edge of the permit boundary were noted. Stands of thistles and other weeds were noted. The weeds on site should be dealt with in order to allow the desired vegetation to better establish. There is some debris and a few trailers on site, but no mining operations equipment. According to Mr. Browning, the County periodically requests material that is stockpiled onsite.

Mr. Browning indicated that they are considering eventually building a residence at the top of the benched pit in the permit area. This is a deviation from the end land use in the permit. **If Mr. Browning decides to build prior to the release of the site, he will need to amend the existing mine permit.**

### **Backfilling and Grading:**

The site is not graded for reclamation. Mining has occurred on two levels within the mine permit and there is a steep sandstone cliff separating them. The Operator indicates grading will begin in the north end shortly.

### **Financial Warranty:**

The latest bond calculation was done in 2008 and is consistent with site observations at the time of this inspection.

### **Hydrologic Balance:**

The dirt road on the north side of the mine is highly eroded from storm runoff. The Operator plans on re-grading the road and using rock-lined berms to direct runoff off site.

### **Gen. Compliance With Mine Plan:**

The mining activity is not currently active. The Operator was advised that periods of inactivity greater than 180 days should proceed with a temporary cessation (Rule 1.13).

### **Reclamation Success:**

Site has not been reclaimed.

### **Revegetation:**

There are several species of weeds growing on the site. The Operator was advised to develop and implement a weed control plan.

### **Sediment Control:**

The road on the north side of the permit area has extensive erosion from stormwater runoff. Operator indicates the road is to be re-graded and a ditch lined with riprap on the side. Care should be taken to ensure

that adequate stormwater retention is included to reduce off-site sediment transport.

Signs and Markers:

Site is properly marked. Western two boundary corners are in rock, so there are no posts.

Topsoil:

Topsoil stockpiles onsite. Some weed growth.

## PHOTOGRAPHS

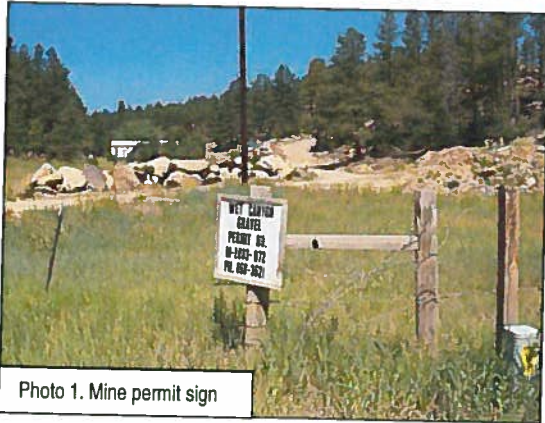


Photo 1. Mine permit sign



Photo 2. Looking north at area that will be graded soon.

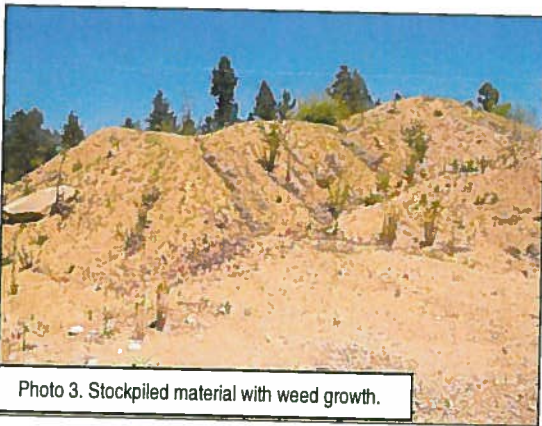


Photo 3. Stockpiled material with weed growth.

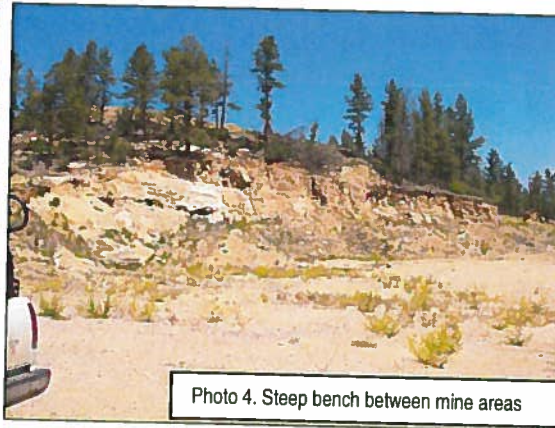


Photo 4. Steep bench between mine areas

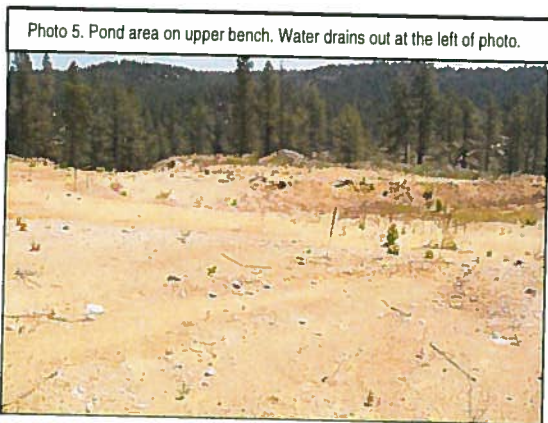


Photo 5. Pond area on upper bench. Water drains out at the left of photo.

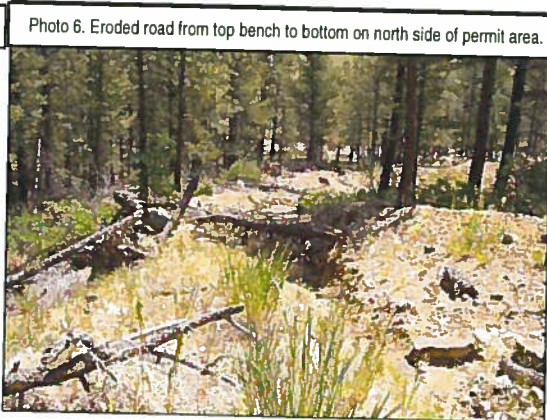


Photo 6. Eroded road from top bench to bottom on north side of permit area.

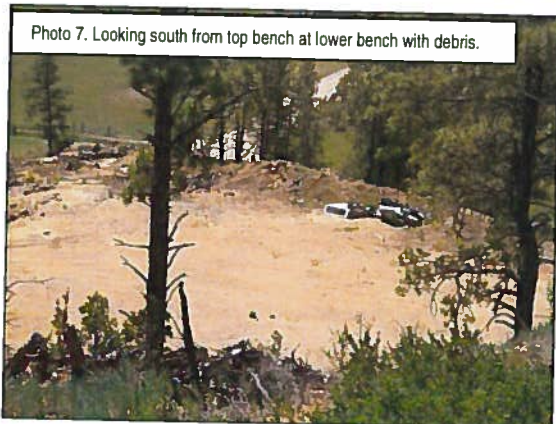


Photo 7. Looking south from top bench at lower bench with debris.



Photo 8. Topsoil stockpiles

**Inspection Contact Address**

Michael Browning  
Michael Browning  
16503 CR 31.9  
Weston, CO 81091

Enclosure

CC: