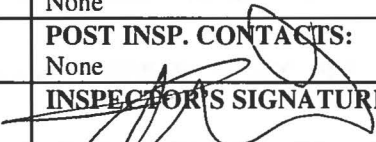




**COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY**  
**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

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> Chivington Grazing	<b>MINE/PROSPECTING ID#:</b> M-1983-119	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Kiowa
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> T C. Wait	<b>INSP. DATE:</b> July 11, 2012	<b>INSP. TIME:</b> 11:40
<b>OPERATOR:</b> Kiowa County	<b>OPERATOR REPRESENTATIVE:</b> Rodney Hopkins	<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> \$0.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Clear/Partly cloudy, hot	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> July 16, 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>N</u>	(RD) ROADS----- <u>Y</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>N</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>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</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 representative present was Mr. Rodney Hopkins. The site is located about 4 miles north of Chivington. Post-mine land use for this site is rangeland. The permit area is approximately 9.8 acres.

At the time of the inspection, the site was dry. The permit signs were in place and the boundary markers were delineated with large rocks and an earthen ditch. There is pre-law disturbance south and west of the permit area.

The eastern area of the site is still being mined to some extent. There was a pile of shale material in the center of the site that Mr. Hopkins thought was brought in by the property owner. The headwall extends approximately 1500 feet around the perimeter of the site and is about 20 ft in height with near vertical slopes.

No portion of the site has been reclaimed as of yet. Native vegetation is slowly establishing in some areas.

### **Backfilling and Grading:**

About 50% of the site includes a highwall that is 20 ft or higher and nearly vertical. Portions of this highwall on the north side are close enough to the permit boundary that either soil will need to be brought in or the permit boundary will need to be amended to allow a 3:1 slope grade as required for reclamation.

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

The most recently active are of the pit is along the eastern side.

### **Off-site Damage:**

There was pre-law mining in this area on the western and southern parts of the current permit boundary. This pre-law activity sits adjacent to the permit and has not been properly reclaimed. While the operator is not responsible for this pre-law mining, it should be noted that it is there.

### **Reclamation Success:**

The site has not been reclaimed.

### **Revegetation:**

There is some plant growth from adjacent volunteer vegetation. While this vegetation is sparse, it is not weedy.

### **Signs and Markers:**

The site has a permit sign and the corners are marked with large rocks. A ditch has been constructed along the northern and eastern parts of the site.

## PHOTOGRAPHS



Photo 1. Boundary marker



Photo 2. Eastern part of pit looking south.



Photo 3. Looking northeast. Pre-law workings are in foreground. Highwall is visible in back.

**Inspection Contact Address**

Rodney Hopkins  
Kiowa County  
P.O. Box 591  
Eads, CO 81036

Enclosure

CC: