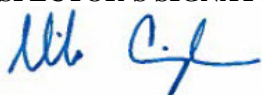




**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

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> Shannon Pit	<b>MINE/PROSPECTING ID#:</b> M-1979-163	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Las Animas
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Michael A. Cunningham	<b>INSP. DATE:</b> April 12, 2017	<b>INSP. TIME:</b> 08:30
<b>OPERATOR:</b> Las Animas County	<b>OPERATOR REPRESENTATIVE:</b> Clell Goode	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<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	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> June 1, 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>NA</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</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>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>NA</u>	(OD) OFF-SITE DAMAGE----- <u>N</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**

The inspection was conducted by Michael Cunningham of the Division of Reclamation, Mining and Safety (Division). Clell Goode was present on behalf of Las Animas County. The Shannon Pit is located approximately 5 miles south of Kim, Colorado. The operation is permitted for 19.92 acres. The commodity of interest is gravel and the post-mining land use is rangeland.

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

The Shannon Pit was not active at the time of the inspection, the Operator has received approval to operate intermittently. The Operator anticipates crushing of stockpiled material will occur during the summer of 2017. Mining is occurring on the west side of the Tecolote Mesa. The pit is approximately 15' deep and the western and northern pit walls have been mined at a near vertical angle.

The eastern pit slope has been excavated into the side of the Tecolote Mesa and is approximately 50' in length and is at an angle of 2H:1V. The Operator has run out of room to lay the slope back to a 3H:1V angle. The approved Reclamation Plan calls for excavating slopes along the perimeter of the pit at 3H:1V. The Reclamation Plan also states where 3H:1V slopes are not created, those areas are to be backfilled with waste material to achieve the final grade. The Operator has enough material remaining on site to backfill the eastern slope to 3H:1V. Since the eastern pit slope has reached the limits of the permit boundary and will require backfilling, the Operator should conduct no further mining of this pit slope.

### **Reclamation Success:**

The Operator has not performed any reclamation to date.

### **Signs and Markers:**

The permit sign was posted at the site entrance and the boundary of the affected area was clearly delineated with monuments.

### **Topsoil:**

Topsoil has been salvaged and stockpiled along the southern and western permit boundaries.

## **PHOTOGRAPHS**



1. Topsoil stockpile.



2. Eastern pit wall.



3. Overview of pit, photo taken facing north.



4. Overview of pit, photo taken facing west.

### **Inspection Contact Address**

Clell Goode  
Las Animas County  
2000 N. Linden Ave.  
Trinidad, CO 81082

CC: Wally Erickson, DRMS