

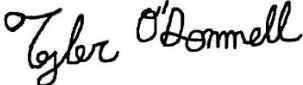
**COLORADO**Division of Reclamation,  
Mining and Safety

Department of Natural Resources

**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> Buffalo Hunter Load	<b>MINE/PROSPECTING ID#:</b> M-2016-015	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Custer
<b>INSPECTION TYPE:</b> Preoperation Inspection	<b>INSPECTOR(S):</b> Tyler V. O'Donnell	<b>INSP. DATE:</b> March 15, 2016	<b>INSP. TIME:</b> 07:30
<b>OPERATOR:</b> Lucky VI Quarry	<b>OPERATOR REPRESENTATIVE:</b> Ed Lyons	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	

<b>REASON FOR INSPECTION:</b> Preoperation Inspection	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$32,805.40
<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> July 11, 2016

**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>N</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>Y</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**

This pre-operation inspection was conducted in response to a request for a new 110c permit application (M-2016-015) that the Division of Reclamation, Mining and Safety (Division) received on February 24, 2016. The 110c permit application for the Buffalo Hunter Load was called complete for the purposes of filing on February 24, 2016. This pre-operation inspection was conducted by Tyler O'Donnell of the Division. Lucky VI Quarry (the Operator), was represented by Ed Lyons during the inspection.

The Buffalo Hunter Load pit is located in Custer County approximately .5 miles north-northeast of Silver Cliff, Colorado. The Buffalo Hunter Load pit is proposed as a 9.5-acre Construction Materials Reclamation Permit for the removal of construction materials, primarily sand and gravel. The proposed affected land is located on 2 separate patented mining claims. The proposed post-mining land use is General Agriculture.

The sky was clear. The ground had partial snow cover, covering approximately 5%. The public notice required by Rule 1.6.2(1)(b) was posted near the entrance to the proposed site off county Road 255. The site was surrounded by the following land uses: industrial/commercial, rangeland, residential, and mining.

The proposed Buffalo Hunter Load pit sits on top of a historic hard rock mining disturbance. There were several stockpiles of material from the historic hard rock mining, most likely development rock/ waste rock from an attempted adit on site. No hard rock tailings were observed on the proposed site. It appears that the adit has collapsed, thus creating a narrow slot where the current quarrying will begin. No shafts or adits were observed on site. The proposed affected land boundary was marked during the inspection. The affected land boundary consisted of a lot of monuments placed by the BLM to delineate public land and the patented mining claims. The current vegetation on the proposed mine site consisted of: grasses, forbs, shrubs, and annual weeds. The soil consists of large rocks and cobble up to the land surface. The growth medium (topsoil) was very rocky.

#### **Inspection Contact Address**

Ed Lyons  
Lucky VI Quarry  
P.O. Box 875  
Westcliffe, CO 81252

CC: Wally Erickson, DRMS

## **PHOTOGRAPHS**



**Photo 1:** Slot where quarrying will beginning. The slot is as deep as 30 feet in a few areas.



**Photo 2:** Stockpile of development rock/ waste rock from the old adit.





**Photo 3:** Access road to the proposed quarry.



**Photo 4:** BLM monument, which is being used as a affected land boundary marker.