




**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> BLM Burnt Shale Pit	<b>MINE/PROSPECTING ID#:</b> M-1985-170	<b>MINERAL:</b> Sandstone (silica, stone, quartzite)	<b>COUNTY:</b> Garfield
<b>INSPECTION TYPE:</b> Monitoring	<b>WEATHER:</b> Clear	<b>INSP. DATE:</b> October 24, 2023	<b>INSP. TIME:</b> 14:20
<b>OPERATOR:</b> Colorado Department of Transportation	<b>OPERATOR REPRESENTATIVE:</b> Lee DeGraffenried	<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> DRMS	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Amy Yeldell	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> November 9, 2023	

**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>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>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>NA</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The BLM Burnt Shale Pit is a 110c permitted site that includes a total of 8.9 permitted acres of which approximately 3 acres is currently disturbed. It is located approximately 20 miles north of Loma, Colorado and is accessed from the Douglas Pass Road (HWY 139). Lee DeGraffenried represented Colorado Department of Transportation (CDOT) and accompanied Amy Yeldell of the Division on the inspection.

### **Acid And Toxic Materials:**

No fuel or other hazardous materials were observed on site.

### **Backfilling and Grading:**

For the most part mining is still contained within the original permit boundary. Highwalls remain near vertical and have changed very little if at all as compared to the previous inspection. Material is removed from the rock outcrop moving in a west and southwest direction. Overall the site is stable with no erosion.

### **Explosives:**

This operation is not approved for the use of explosives in conjunction with mining. No explosives or evidence of use on site were observed. If this type of activity becomes necessary for mining the Mining Plan must first be revised.

### **Financial Warranty:**

No financial warranty is held for this site as it is operated by the Colorado Department of Transportation (CDOT), per Rule 4.1.2(2) and C.R.S. 34-32.5-117 (3)(f)(VIII).

### **Hydrologic Balance:**

No exposed groundwater was observed. No water is used to process material at this site. A large depression served as a sediment catch pond on the east side of the pit.

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

The site is currently not active but well maintained. This pit is used on a needed basis for material on the south side of the Douglas Pass. A stockpile of processed material is located on site. CDOT has no future plans to process more material unless an emergent need arises.

Only screening and crushing of rock takes place on site. A grizzly bar screen was observed on site. No washing of material occurs at this location. No cement or asphalt production is approved. All equipment used at this pit is portable. No equipment is currently site.

### **Other:**

Imported road base material is stored on the northern side of the affected lands.

### **Right of Entry:**

This site is located on BLM.

### **Reclamation Success:**

No areas were evaluated for final reclamation during this inspection.

**Revegetation:**

Noxious weeds appeared to be well controlled. Native vegetation has volunteered throughout much of the site.

**Support Facilities On-site:**

No fuel, buildings or equipment were located within the permit.

**Signs and Markers:**

A mine sign was posted at the entrance to the mine site as required by Rule 3.1.12(1). The information depicted was correct/ up to date and the sign was of sufficient size. The permit boundary of the affected land was clearly delineated primarily by a wire fence pursuant to Rule 3.1.12(2).

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, Rm 215, 1001 E 62nd Ave, Denver Co 80216. Direct contact can be made by phone at 303-866-3567 Ext 8183 or via email at amy.yeldell@state.co.us

**Inspection Contact Address**

Lee DeGraffenried  
Colorado Department of Transportation  
606 S. 9th St.  
Grand Junction, CO 81501

CC:

Travis Marshall, Senior EPS, Grand Junction DRMS  
Clayton Wein, DRMS  
Brittany Cocina, BLM (DOI-BLM-CO-130-2013-0040-CX)

**PHOTOGRAPHS**



Photo 1: Highwall overview



Photo 2: Highwall overview, grizzly screen on site





Photo 3: Sediment catch pond



Photo 4: Imported gravel/ road base material.