




**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> Mesa Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-1982-036	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Routt
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Amy C. Yeldell	<b>INSP. DATE:</b> April 26, 2017	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Peabody Sage Creek Mining, LLC	<b>OPERATOR REPRESENTATIVE:</b> Miranda Blomquist	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$132,273.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> May 9, 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>Y</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>Y</u>	(RV) REVEGETATION---- <u>Y</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>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <u>Y</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 inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Mesa Gravel Pit is a 112c sand and gravel operation that consists of a total of 96.50 acres. It is located in Routt County approximately four miles southeast of Hayden Colorado. The pit is accessed via County Road 51B. Miranda Blomquist represented the operator and accompanied Amy Yeldell of the Division on the inspection.

The mine sign is located at the entrance of the permit boundary. Some boundary markers are in place. It is recommended that additional markers be installed to more clearly delineate the entire permit boundary. The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12.

The site was inactive at the time of the inspection. This site is used on an as needed basis. It is noted that this operator is not approved for intermittent status. If this pit is generally used for less than 180 days a year, the operator should submit a technical revision to allow for intermittent use.

Two dozers were observed on site but no crushers, screens or other equipment was present. Several stockpiles are located within the pit floor. The majority of the pit floor has been excavated to a depth of approximately 10' and is dry. The western portion of the excavated pit was inundated with water. Staff was unsure to what depth the pit had been excavated the in submerged areas. Dewatering will be required for additional mining or reclamation. There is no excessive debris or trash on site.

The site was extremely wet and soggy due to recent rains. Despite the saturated state most slopes appeared to be resistant to erosion and very stable. Topsoil appears to be stored in a berm along the western side of the active pit/pond areas. There are two reclaimed pond/wetland areas located on the northeast site. Reclaimed areas appear to be stable. Lots of wildlife was observed utilizing the area.

Some weeds are beginning to establish, specifically Hounds Tongue. The Division recommends that the operator start weed treatments a weather allows. Weed treatments should occur periodically throughout the active growing season since timing and effectiveness vary by species.

The contact information that the Division has on file is out of date. Please correct this on your next annual report which is due June 22, 2017.

The Division currently holds a financial warranty amount of \$132,273 for this site. The bond was last reviewed in 2013. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate. You will be notified if the current bond is found insufficient. A copy of the staff calculations will be sent under separate cover.

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, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@state.co.us

**PHOTOGRAPHS**



















**Inspection Contact Address**

Miranda Blomquist  
Jerry Nettleton  
Peabody Sage Creek Mining, LLC  
29515 Routt County Rd # 27  
Oak Creek, CO 80467

Enclosure

EC: Russ Means, Senior EPS, GJFO DRMS