




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.

MINE NAME: Juniper Mountain Gravel	MINE/PROSPECTING ID#: M-2003-073	MINERAL: Gravel	COUNTY: Moffat
INSPECTION TYPE: Surety-Related Inspection	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: October 19, 2017	INSP. TIME: 10:15
OPERATOR: Moffat Limestone Company	OPERATOR REPRESENTATIVE: Mike and Mardi Anson	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Surety Related	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$43,721.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: November 7, 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>N</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>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <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 inspection was conducted by the Colorado Division of Reclamation, Mining and Safety (Division). A surety increase was issued as the result of approving TR-2 on March 15, 2017. To date the additional \$20,113 has not been posted. The operator has been in communication with the Division through the process of trying to raise the funds but was unsuccessful. In lieu of the increase, additional reclamation has been complete. On October 2, 2017 the Division received a request to have the site re-inspected and the bond recalculated to reflect reclamation progress. An RTB has been issued however the matter has been continued until the December 2017 meeting.

The Juniper Mountain Gravel site is a 112c gravel operation that consists of 60 acres with a max disturbance of 15 acres. Mike and Mardi Anson represented the operator and accompanied Amy Yeldell of the Division on the inspection. The site is located in Moffat County approximately two mile southeast of Maybell, Colorado and is accessed from Moffat County Road 57.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The mine sign was located at the main entrance as you leave CR 57. No fuel was stored on site. A drill seeder and metal skid building remain on site.

TR-2 revised the maximum disturbance down to 15 acres as well as made a commitment to conduct reclamation in spring of 2017. Upon inspection the Division has found that additional reclamation efforts have been conducted. In discussions with the operator it their intention to limit the maximum disturbance and liability through another TR that would have a maximum disturbance of 5 acres.

To date no seed has been applied to topsoiled areas, 15 acres of seed remains necessary. The site has been partially topsoiled. Excluding the future 5 acre active area approximately 3 acres of graded areas still require topsoil. Additionally the main topsoil pile located along the south edge will need to be move north into the active area. A few piles of processed/rejected material remain in the reclaimed areas. This needs to be knocked down and blended prior to topsoil replacement. The main road down the center of the pit has largely been removed. Instead a permanent road has been placed along the fence line which is where the easement lies. In erecting this road no future mining or grading will be necessary which removes the reclamation task of replacing/repairing the fence after grading.

There is a stockpile of processed material on the north side of the pit, a portion of which lies outside of the permit boundary. It was indicated that this material is to be used on the properly by the land owner. This needs to be included in the TR. Note the location and approximate volume being left. Please note that the material may not be sold at a future date or be taken off of the property.

Additional discussions also included the methodology of mining and the feasibility of mining at a 3:1 to limit the need for grading. In order for the bond to reflect any of these changes they will first need to be approved under a TR.

The operator verbally made a commitment to have all reclamation done by December 1, 2017, with goal of having seeding done by Thanksgiving. In the October 20, 2017 continuance letter the Division has granted until December 4, 2017 to complete all reclamation activities. The Division must receive proof of reclamation and a

TR limiting the maximum disturbance to 5 acres by December 4, 2017. At the time of this submittal the Division will recalculate the bond to determine if any bond beyond the currently held \$43,721 is necessary. The operator is reminded that with any new disturbances or reclamation that weeds will become a greater threat. Vigilant management in the upcoming spring and summer will help desirable vegetation establish and limit the competition of noxious weeds.

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











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Enclosure

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