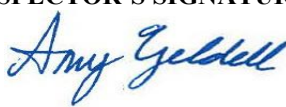




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

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 Quarry	MINE/PROSPECTING ID#: M-1982-141	MINERAL: Limestone (general)	COUNTY: Moffat
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: July 17, 2019	INSP. TIME: 15:15
OPERATOR: Moffat Limestone Company	OPERATOR REPRESENTATIVE: Mike Anson	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$154,405.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 27, 2019	

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>Y</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>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>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</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 Juniper Quarry is a 112c permitted site. This site is located approximately 4 miles southeast of Maybell, Colorado and is accessed from Moffat County road 57. Mike Anson represented the Moffat Limestone Company and accompanied Amy Yeldell of the Division on the inspection.

This site is comprised of two non-contiguous parcels that make up the total 88.7 acre permit. In 1992 the permit was converted (CN-1) from a 110c to a 112c. This CN-1 affected what is referred to the north pit and increased the pit size to a total of 63 acres. In 2005 the permit was amended (AM-1) to add what is referred to as the south sit, which added 25.7 acres. Both sites are located on BLM land and require access through the Anson's private land to access the mine.

The mine identification sign and affected area boundary markers are in place. One main sign is posted along the access road from the entrance of Country Road 57 outside the permit boundary. The permit boundary is clearly delineated by t-post cover with white and orange PVC sticks that are easily visible at a distance.

Weed were well maintained throughout the site. Overall the site is stable with little to no signs of erosion.

South (AM-1):

There appears to be no changes to the highwall and over all disturbance footprint since the last inspection. The highwall is approximately 50' tall and sloped 1:1 to near vertical. There is also approximately 200 linear feet of highwall 30' tall sloped 1:1 that will required backfill. The main pit floor has been dropped approximately 10' below original contour and generally follows the permit boundary. Most of the stockpiled metal and other miscellaneous debris has been removed and hauled off site for disposal. There are several stockpiles of various grades of material. All stockpiles are stored neatly and are free of erosion. No fuel or processing equipment is stored at this location.

North (CN-1):

The pre-existing south highwall is approximately 100 linear feet wide, by 50 feet tall and near vertical. A 300 yards wide bench of fines is sloped at a 1H:1V will be graded to 3H: 1V.

The middle fines bench is 500 linear feet wide by 30 feet high at a 1H: 1V going to a 3H: 1V. Below is vertical rock wall bowl/highwalls. One is 100 linear feet wide vertical 30 feet high. Adjacent is 200 linear feet wide, 40 feet high a 1H: 1V. Some topsoil/overburden is stored north of this highwall to be used for grading.

There is a new active highwall area in the northwest corner of the pit that is bowl shaped. The highwall is 300 linear feet wide and 50 feet high near vertical with one bench in the middle. In future mining each bench will be approximately 20-30 foot high (one additional bench is anticipated) and mining will eventually daylight out to the west. There is an overhead electrical line that goes through this area. There is a 50 foot setback from the poles resulting in pillars/islands.

TR-4 updated the maximum disturbance in this area to 25 acres, currently approximately 30 acres are disturbed. This includes roads and storage areas. The Operator is reminded that until reclaimed lands are released they also count towards overall disturbance. Please reclaim additional lands to compensate for the new northwestern mining phase within the north pit.

Mr. Anson indicated that he has obtained a blasting license and will be conducting all blasting on site himself rather than hiring a third party contractor. Please provide the Division with a copy of your Blasters license, Plans and other supporting information regarding blasting operations within the mine site. Blasting is regulated by DOLA-Division of Oil and public Safety.

The Division currently requires a financial warranty amount of \$154,405 for this site. The bond was last increased in 2011 with SI-1. 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. If the current bond is found to be insufficient the Division will send a Notice of Surety Increase under a separate cover.

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 303-866-3567 Ext 8183 or via email at amy.yeldell@state.co.us

Inspection Contact Address

Mike Anson
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P O Box 777
Craig, CO 81626

Enclosure

CC:

CC:

Travis Marshall, Senior EPS, Grand Junction DRMS
Jennifer Maiolo, Little Snake Field Office BLM COC-48936

PHOTOGRAPHS



Photo One: South Pit, active highwall



Photo Two: South pit, stockpile area overview



Photo Three: North Pit, metal and misc. debris mostly removed



Photo Four: Overview of north pit, upper bench



Photo Five: North pit, middle bench, processing area



Photo Six: North Pit, lower bench, most northern highwall



Photo Seven: Overview of north pit, middle bench and stockpiles



Photo eight: New active mine phase