




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: Orchard Mesa Aggr	MINE/PROSPECTING ID#: M-1995-005	MINERAL: Gravel	COUNTY: Mesa
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: June 7, 2019	INSP. TIME: 14:00
OPERATOR: Mountain Region Corporation	OPERATOR REPRESENTATIVE: Sandra DuCray	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$56,400.43	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Windy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 18, 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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</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>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</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 (Division) normal monitoring program. The Orchard Mesa Aggr site is a 112c permitted site that includes a total of 46.10 acres. The site located southeast of Grand Junction, Colorado and is accessed through the Mesa County Landfill. Kent and Sandra DuCray of Mountain Region Corporation represented the operator and accompanied Amy Yeldell of the Division who conducted the inspection.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. A signs is attached to the gate at the permit entrance from the county landfill. The permit boundary is delineated by fences and/or t-posts.

No equipment or fuel was observed on site. This site is only approved for excavation and loading, no crushing or screening is to occur. A scale and scale house is locate east of the pit along the access road.

The pit was inactive at the time of the inspection. According to Mr. DuCray the last activity occurred approximately one year ago and little to no future activity is forecasted at this time. Based on discussions with the operator the Division recommends they file for Intermittent Status or Temporary Cessation. Active status requires mining annually more than 180 days which this operation does not do. Intermittent status requires that a site be active annually however does not operate more than 180 days a year. If the mine ceases production for more than a year it shall go into temporary cessation. Temporary Cessation is for a period of up to five years of inactivity and can be changed to active status at any time. Mining activities include not only excavation but the moving of stockpiled materials as well. Basic site maintenance such as stormwater management and noxious weed treatments do not constitute mining activity. To file for Intermittent Status please submit a technical revision request with the required \$216 revision fee to revise the mining plan. To request Temporary Cessation Status please file a Temporary Cessation Notice with the required 144 revision fee.

Mrs. DuCray discussed the ability to receive/import fill material from local construction jobs. Currently this site is not approved for the import of fill material. In order to import material the Operator must provide the Division with notice per Rule 3.1.5 (9). The notice shall include but is not limited to: a narrative that describes the approximate location of the proposed activity; the approximate volume of inert material to be backfilled; a signed affidavit certifying that the material is clean and inert, as defined in Rule 1.1(20); the approximate dates the proposed activity will commence and end, however, such dates shall not be an enforceable condition; an explanation of how the backfilled site will result in a post-mining configuration that is compatible with the approved post-mining land use; and a general engineering plan stat how the material will be place and stabilized in a manner to avoid unacceptable settling and voids.” Please submit this notice in the form of a technical revision.

The eastern side of the excavated pit appears to have been reclaimed. Slopes are graded no steeper than a 3H: 1V. Vegetation has been established in most areas though its diversity and density were not evaluated at this time. In general vegetation in this area will likely be very sparse due to the arid conditions. The operator is encouraged to aggressively manage noxious weeds and undesirable species to avoid delays in reclamation success.

The Division currently requires a financial warranty amount of \$54,400.43 for this site. The bond was last recalculated with SI-2 in 2012. 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 has updated the reclamation cost estimate. The mining plan states a maximum disturbance of 20 acres however the current

operation appears to be well under this threshold. The Division has updated the reclamation cost estimates based on current site conditions and found the bond to be sufficient. If the site activities increase to the maximum disturbance threshold of 20 acres this will likely require a bond increase of approximate \$25,000 to cover the additional reclamation costs.

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

Inspection Contact Address

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Enclosure

EC:

Travis Marshall, Senior EPS, Grand Junction DRMS

PHOTOGRAPHS





Photo Two: Pit overview from atop the highwall.



Photo Three: Overview of partially reclaimed pit floor looking towards highwall.

