




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: Gunkel Pit No 31	MINE/PROSPECTING ID#: M-1993-088	MINERAL: Gravel	COUNTY: Baca
INSPECTION TYPE: Monitoring	INSPECTOR(S): Jared L. Ebert	INSP. DATE: May 13, 2019	INSP. TIME: 11:09
OPERATOR: Baca County	OPERATOR REPRESENTATIVE: Jason Freiburger and Danny Ausmus	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 16, 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>NA</u>	(FN) FINANCIAL WARRANTY----- <u>NA</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>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <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 was a monitoring inspection of the Gunkel Pit No. 31, Colorado Division of Reclamation, Mining and Safety (DRMS or Division) permit number M-1993-088, operated by Baca County. I, Jared Ebert with DRMS conducted the inspection. Mr. Jason Freiburger and Danny Ausmus accompanied me during the inspection.

This is a 160 acre 112c mining operation with an approved post-mine land use of rangeland.

Backfilling and Grading:

The Operator has created a pit basin in the southwest corner of the site. The affected area is about 20 acres in size. The active pit daylights to the north and northwest. The Operator pushes the mined material at a 3H:1V ratio slope or less. Several mined and re-graded areas are located on the north side of the affected land. The slopes in these areas have been graded to a 4H:1V ratio or less and appeared stable.

Hydrologic Balance:

The pit was dry at the time of the inspection. A small berm or rise in topography separates the pit from the dry creek to the north of the pit.

Gen. Compliance With Mine Plan:

The Operator appears to be conducting the mining operation in accordance with the approved plan and is concurrently reclaiming the affected area as mining proceeds.

Reclamation Success:

The portions of the affected land that has undergone reclamation has been graded to the required slope. Some vegetation has established in the reclaimed area but it is fairly sparse.

Topsoil:

Vegetated topsoil stockpiles are located on the south side of the affected area and on the west side of the affected area. These piles are stable and vegetated.

PHOTOGRAPHS



Figure 1. From the south side of the affected land looking east at a topsoil stockpile.



Figure 2. From the southeast corner of the affected land looking northwest.



Figure 3. From the southeast corner of the affected land looking north.



Figure 4. From the northeast corner of the affected land looking southwest.



Figure 5. From the northeast corner of the affected land looking west at the reclaimed area.

Inspection Contact Address

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