




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: Sierra Grande Site	MINE/PROSPECTING ID#: M-1994-103	MINERAL: Sand and gravel	COUNTY: Costilla
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: November 28, 2023	INSP. TIME: 13:00
OPERATOR: Costilla County	OPERATOR REPRESENTATIVE: Leroy Medina, Davis Perales	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Lucas West	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 19, 2023	

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>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</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>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</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>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 normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety's Active Mines Program. The Sierra Grande Site is listed as an active 110(c) operation operated by and located in Costilla County. The site is located adjacent to Highway 160, one mile west of Ft. Garland at approximately 7850 Feet in Elevation. Access to the site is controlled by a locked gate. Leroy Medina and David Perales of Costilla County Road and Bridge were present during the inspection. The Division does not hold a financial warranty for the site as it is operated by a county government and no such warranty is required. Four Photos accompany this report to illustrate the current site conditions.

Proper mine identification signage and permit boundary markers were observed on site. The sign was posted at the entrance and can be seen in Photo One. The site was not active during the day of the inspection, and no equipment was on site. The site has not been active in some time, however the operator indicated that the pit floor is often used for temporary storage. When active, the slopes are mined to a stable configuration at approximately 3H: 1V. The side slopes can be seen in Photos Two and Three, appear to be stable and in good condition. Most of the slopes have begun to revegetate themselves with volunteer species such as range grasses as well as Sage and Rabbit brush.

Several stockpiles were noted on site, including several on the pit floor. All stockpiles were in good condition and appeared to be stable. Examples of the stockpiles can be seen in Photo Four. The pit floor itself exhibits positive drainage and impounded storm water was observed on site. Evidence of chemical weed treatment was observed and discussions with the operator indicate that weed management is continuous at all pits operated by the County. Also, on the pit floor various items such as PVC pipe and removed culverts are stored. The items are confined to a designated area, and stored in a neat and orderly fashion, they are not considered a problem.

The overall footprint of the site was in good condition and free from trash and debris. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation Mining and Safety at DRMS, Room 215, 1001 East 62nd Ave. Denver, CO 80203. Direct contact can be made at the Division's Grand Junction Field Office, by phone at (970)-243-6368 or by email at lucas.west@state.co.us.

PHOTOGRAPHS



Photo One: View South, showing the proper Mine ID signage posted at the entrance to the site.



Photo Two: View East, showing an example of the side slopes and pit floor. The slopes are mined to approximate reclamation grade and have naturally revegetated themselves with native species of grass and brush.



Inspection Contact Address

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