




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: Riveras Excavation Gravel Pit	MINE/PROSPECTING ID#: M-2004-053	MINERAL: Gravel	COUNTY: Costilla
INSPECTION TYPE: Monitoring	INSPECTOR(S): Lucas J. West	INSP. DATE: October 6, 2016	INSP. TIME: 14:05
OPERATOR: Rivera's Excavation	OPERATOR REPRESENTATIVE: Joe Rivera	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$8,226.22	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 27, 2016	

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>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>N</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>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <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 as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety. The Rivera's Excavation Gravel Pit is an active 110(c) operation located in Costilla County, CO. The site is located 2.4 miles northeast of Jaroso, CO just off Road C at approximately 7550' in elevation. The mining plan is phased in 2-acre increments with contemporaneous reclamation within 9.5 permitted acres. Approximately 1 acre is currently disturbed. The site will be reclaimed to support a rangeland post mining land use. The Division currently holds \$8,226.22 in financial warranty for the site. A Reclamation Cost Estimate Update was performed at this time and the currently held financial warranty was found to be sufficient to achieve reclamation. Three Photos accompany this report to illustrate the current site conditions.

Proper mine identification signage was posted at the entrance to the site, shown in Photo One. The site consists of a small pit totaling approximately 1 acre. Some equipment including a small loader was on site however the site was not active during the inspection. Conversations with the operator indicate the pit is used on an as needed basis as projects arise. The active mining area consists of a high wall approximately 10 feet tall and approximately 30 feet long. The active mining area can be seen in Photo Two, appeared to be stable and in good condition. Several small stockpiles of various sized materials were located on the pit floor shown in Photo Three. One stockpile of recycled asphalt was located outside of the pit floor. Discussions with the operator indicate the material was being stored there temporarily until it can properly be recycled.

The undisturbed areas of the permitted lands are in good condition and well vegetated. The areas outside the active excavation have revegetated themselves with volunteer species which is aiding in the stability and the prevention of noxious weeds. The operator indicated that weed management is continuous and on-going. Evidence of chemical treatment was noted and no untreated noxious weeds were observed on site.

The overall footprint of the site is in good condition and free from trash and debris. The pit exhibits positive drainage with no signs of impounded runoff, or erosion noted during the inspection. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at 1313 Sherman Street, Room 215, Denver CO, 80203, by phone at (970)-243-6368 or by email at lucas.west@state.co.us.

PHOTOGRAPHS



Photo One: View southeast, showing the proper mine ID sign located at the entrance to the site.



Photo Two: View east showing the equipment located on site as well as a portion of the active high wall.



Inspection Contact Address

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Enclosure

CC: Russ Means, Senior Environmental Protection Specialist