



COLORADO


Division of Reclamation,
Mining and Safety

Department of Natural Resources

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: Pikeview Quarry	MINE/PROSPECTING ID#: M-1977-211	MINERAL: Limestone (general), granite gneiss and do	COUNTY: El Paso
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: November 16, 2023	INSP. TIME: 09:30
OPERATOR: Riverbend Industries Inc.	OPERATOR REPRESENTATIVE: Jerry Schnabel	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$13,389,784.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Timothy Cazier, P.E. Jocelyn Carter	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>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>NA</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>NA</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>N</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 by Tim Cazier and Jocelyn Carter (DRMS) as part of the continuing planned monthly inspections to observe the backfill placement for the final reclamation of the Pikeview Quarry. Jerry Schnabel (representing the Permittee, Riverbend Industries), Tim Culberson and Paul Kos (Stantec) were present for the inspection. Madison Banks and Julie Spawn (USFS) were also onsite for the inspection.

Records: Compaction testing records were reviewed back to October 24th, the last date not available during the previous inspection on October 25th. One test (#796 on October 27th) failed. The area was reworked, retested as sample #801 on November 3rd and passed. All other test results reviewed in this period (October 24th to November 8th) demonstrated at least 90 percent compaction in compliance with the approved specification.

Mr. Schnabel presented the Leica prism system data and trends for the previous month. Some expected settling was apparent, but no signs of potential slide activity have been evident. The backfill appears to be stabilizing the slide area as expected.

Backfilling and Grading: Material removal and final subgrade contouring was nearly complete in the north borrow area (**Photo 1**). Dozers (**Photo 2**) and scrapers (**Photo 3**) were observed pushing material down from above the slide area. Site representatives stated the 7400 (level 4) area was being worked/checked to ensure it was sufficiently compacted and/or native material prior to placing backfill.

Explosives: Site representatives indicated the ridge of non-rippable quartzite material, referred to as the "dragon back" (**Photo 4**) on the north end of the backfill area would likely need to be blasted to achieve the approved grading plan. They stated proposals for the blasting effort were due to Riverbend by November 17th. The DRMS received a technical revision (TR-23) request on December 12th to update the blasting plan for this activity. The DRMS is currently reviewing TR-23.

Fish and Wildlife: No impact on wildlife was observed. Bighorn sheep rams were observed above the slide area.

Post Inspection Meeting: No problems or possible violations were observed during the inspection. Items of importance discussed during the site meeting are summarized below:

- Site representatives asked the USFS if they had specific blasting requirements. The USFS representatives agreed to research it and provide Mr. Schnabel with any relevant requirements.
- Mr. Schnabel asked about noxious weed treatment and the potential for relapse citing two to three years of noxious weed treatment at Queens Canyon. The DRMS is the implementing agency for noxious weed control at all permitted sites. Pursuant to Rule 3.1.10(6): *Methods of weed control shall be employed for all prohibited noxious weed species, and whenever invasion of a reclaimed area by other weed species seriously threatens the continued development of the desired vegetation. Weed control methods shall also be used whenever the inhabitation of the reclaimed area by weeds threaten further spread of serious weed pests to nearby areas.*
- Site representatives indicated if blasting was needed, it would need to start in late December to early January.

Please contact Tim Cazier (303)328-5229 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS

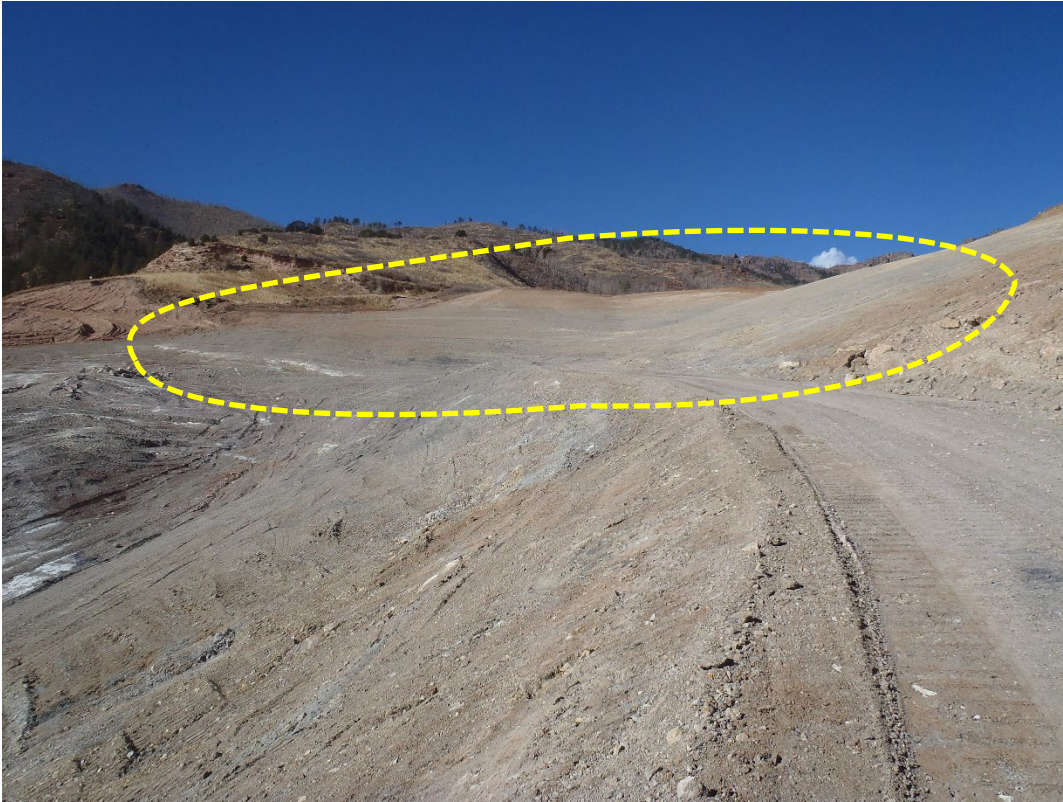


Photo 1. North borrow area (looking west).



Photo 2. Dozers pushing down material from above the slide area (looking NE).

PHOTOGRAPHS (cont.)



Photo 3. Scraper (dozer assisted) moving material down from above the slide area (looking east)



Photo 4. Non-rippable “dragon back” (south end, looking north).

Inspection Contact Address

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ec: DRMS file
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