




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, granite gneiss and dolomite	COUNTY: El Paso
INSPECTION TYPE: Monitoring	WEATHER: Cloudy	INSP. DATE: April 13, 2023	INSP. TIME: 10:00
OPERATOR: Continental Materials Corporation	OPERATOR REPRESENTATIVE: Jerry Schnabel	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Priority	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.	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 18, 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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</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>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>Y</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 (DRMS) as part of the continuing planned monthly inspections to observe the backfill placement for the final reclamation of the Pikeview Quarry. Mr. Jerry Schnabel (representing the Permittee, Continental Materials Corporation [CMC] / Riverbend Industries - a transfer application is in review); Messrs. Paul Kos and Harold Henry (Stantec); and Mr. David Deitemeyer (City of Colorado Springs) were present during the inspection.

The Pikeview Quarry is accessed from near the intersection of Centennial Blvd. and Vindicator Dr. north of Colorado Springs. The quarry ceased extraction of mined product in early 2021 and is actively focused on final reclamation. The purpose of this inspection was to observe backfill placement and compaction effort. This included reviewing compaction testing records and observing fill placement.

Records: Compaction testing records were reviewed back to the previous inspection (March 20, 2023). All but three test results reviewed in this period (March 2nd to April 13th) demonstrated at least 90 percent compaction in compliance with the approved specification. The three areas tested not meeting the specification were recompacted, retested and met the specifications in the retest. Site representatives presented the prism data from the previous month for the GEOMOS system (which tracks the slide area movement). The data continues to indicate the placement of backfill material has possibly halted movement of the slide as the trend of the graphed movement data has remained flat for several months.

In part to address compaction record issues observed during the 2023 February inspection, compaction tests are now being performed at 7:00 am each day of construction, instead of the previous practice of performing these tests at 1:00 pm. This allows areas in which compaction tests fail to be reworked and retested in the same day.

Company/Property Records: Mr. Schnabel stated Riverbend Industries officials are working on completing documentation to demonstrate the official relationship between Castle Concrete Company (the entity having the necessary access agreements) and Riverbend Industries in order to respond to the DRMS's March 20, 2023 incompleteness letter concerning the pending succession of operator (SO) application. The Permittee was reminded there is a 60-day time limit to those incompleteness issues. [Responses are Due May 19, 2023.](#)

Backfill/Grading: Backfill was being actively excavated from both the north (**Photo 1**) and south borrow areas (**Photo 2**). Site representatives stated 70 percent of the compacted backfill had been placed as of this inspection (**Photos 3 and 4**). Site representatives stated the goal is to reach 100 percent of the backfill placed by the end of August, 2023.

A dozer was observed beginning shaping of the lower (east) end of the main stormwater channel (**Photo 5**). Riprap for the stormwater channels was being screened (**Photo 6**) and stockpiled near the south borrow area.

Topsoil: Topsoil was observed stockpiled at the toe of the south end of the backfill (**7**) and in the former shop area (**Photo 8**) for spreading prior to seeding an additional 30 acres planned for May 2023.

Closeout Meeting: The following topics were discussed during the closeout meeting:

- Final grading of the granite outcrops west of the main fault was discussed after viewing the area in the field. This material differs greatly between highly weathered and competent rock. Reshaping the competent rock would require blasting and not result in any significant improvement in stability of the

competent granite. Sloping of the weathered granite is expected to increase the stability of that material. The grading/shaping would still be matched to adjacent slopes, but there may be competent rock faces of up to 30 feet in height under this approach. The DRMS agreed that selective grading of just the weathered granite in order to avoid additional blasting would be acceptable. Mr. Deitemeyer had no objections.

- Mr. Kos confirmed a technical revision (TR) is in process for the proposed stormwater channel reconfiguration/realignment. [The TR should be submitted before the end of April.](#)
- Site representatives indicated the US Forest Service (USFS) Free Use Permit for accessing and removing additional material from the north and south borrow areas on USFS managed land should be approved by late April 2023. [The DRMS needs a copy of the Free Use permit. Please submit a copy via email or regular mail.](#) No revision is necessary.
- The Permittee is considering revising the tree species to be planted based on input from the USFS and the City of Colorado Springs. If the species are to change, a TR will be required. This could be part of the same TR for the aforementioned drainage changes.
- [CMC/Riverbend is reminded that completeness responses to the DRMS' March 20, 2023 incompleteness letter are due May 19, 2023.](#)

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. Active excavation of north borrow area (looking NE from top of backfill).



Photo 2. Active excavation of south borrow area (looking SE from top of backfill).

PHOTOGRAPHS (cont.)



Photo 3. Full height of backfill placed (between dotted lines) to date (looking west from toe area).



Photo 4. Placed backfill (between dotted lines, looking south) .

PHOTOGRAPHS (cont.)



Photo 5. Full height of backfill placed (between dotted lines) to date (looking west from toe area).



Photo 6. Riprap (grizzly) screen (south of backfill area).

PHOTOGRAPHS (cont.)



Photo 7. Topsoil ready for spreading on lower tier of backfill (looking south from backfill toe).



Photo 8. Topsoil ready for spreading on north shop area (looking NE from top of backfill).

Inspection Contact Address

Jerry Schnabel
Continental Materials Corporation / Riverbend Industries
549 E Cucharas Street
Colorado Springs, CO 80903

ec: DRMS file
Zach Trujillo, DRMS
David Deitemeyer (City of Colorado Springs)
Amy Titterington, USFS
Paul Kos, Stantec