



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, granite gneiss and dolomite	COUNTY: El Paso
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATES: October 13, 2022 October 25, 2022	INSP. TIME: 09:00 16:15
OPERATOR: Continental Materials Corporation	OPERATOR REPRESENTATIVE: Jerry Schnabel	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	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: November 18, 2022	

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>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</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>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</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 consisted of two site visits (the first on October 13th, the second on October 25th) and 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. The primary inspection was performed on October 13th, with Mr. Jerry Schnabel (representing the Permittee, Continental Materials Corporation [CMC]); and Messrs. Paul Kos, Leif Neufeld, and Tim Culberson (Stantec) present for the inspection. The October 25th site visit was a milestone event acknowledging the completion of 50 percent of the required backfill for reclamation. Messrs. Schnabel, Kos, Neufeld, and Culberson were present as well as representatives from other agencies and Riverbend. Messrs. Russ Means and Michael Cunningham (DRMS) also attended the October 25th inspection.

The Pikeview Quarry is accessed from near the intersection of Centennial Blvd. and Vindicator Dr. north of Colorado Springs. The quarry has ceased extraction of mined product 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.

Records: Compaction testing records were reviewed back to the previous inspection (September 7, 2022). Test Nos. 382 and 383 (Stantec IDs) failed on September 7th. The areas were re-worked, and retested (Stantec ID Nos. 388 & 389), passing compaction tests on September 8th. Similarly, test 466 failed on September 28th. The area was recompacted and passed the compaction test (Stantec #467) on October 3rd. All other tests in this period (September 7th to October 12th) demonstrated at least 90 percent compaction, thereby meeting or exceeding the approved specification. Some tests demonstrated 100 percent compaction. As observed during previous inspections, Prism data from the GEOMOS system (which tracks the slide area movement) continued to indicate the placement of backfill material has significantly slowed movement of the slide.

Company/Property Records: The DRMS is aware of a change in the parent company name (Continental Materials Co to Riverbend), and that the property containing the eastern portion of the permit, including the office and the asphalt access road, has been sold to the City of Colorado Springs. As a result, [the DRMS requires a Succession of Operator \(SO\) application to address the name change.](#) Structure damage compensation agreements and a demonstration of the legal right to enter are required as part of the SO application. Therefore all three issues can be addressed simultaneously. [Please promptly submit an SO application to avoid possible corrective action enforcement by the DRMS.](#)

Backfill: On October 13th, site representatives indicated approximately 70 vertical feet of backfill had been placed. Backfill material was being excavated from the north end, in the previous location of the maintenance shop (see **Photos 1** and **2**). Material continued to be excavated via benches to facilitate efficient haul truck traffic and safety. Benches will be graded to a continuous slope for final reclamation. The excavated material was observed being hauled to the east central fill area for placement (see **Photo 3**). Imported fill continued to be placed in the south end (see **Photo 4**). Site representatives stated they had imported about 100,000 cubic yards (CY) of backfill material – a small fraction of the total volume of placed material.

On October 25th the CMC invited several agencies, including the DRMS to tour the reclamation project to provide acknowledgement of reaching the point of having placed 50 percent of the required backfill (1.7 million CY). CMC pointed out a five to six acre area on the north borrow area that had been graded and was ready for topsoil placement (see **Photo 5**)

Explosives: Site representatives stated the plan for using explosives was limited to the very large boulder near the top of the slide area (see **Photo 6**). This boulder has a large fracture on the west side (see **Photo 7**) and

should be removed for post-mine land use safety.

Environmental: No oil or fuel spills were observed on either site visit. On October 13th, containers being used for the disposal of used petroleum products were observed in the staging area north of the office (see **Photos 8 and 9**). CMC continues to treat noxious weeds (primarily knapweed). No impacts to wildlife were noted. Bighorn sheep were observed in the north borrow area.

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

- Concerns / problems: [An SO application needs to be submitted promptly](#), and is required to include a legal right of entry demonstration and structure damage compensation agreements for the office and asphalt access road.
- CMC indicated they are going to pursue a surety reduction request based on having placed 50% of the backfill material by October 25th. The DRMS is open to considering the request, which must be submitted using our surety reduction form (<https://drive.google.com/file/d/1S7XBbituMeKorliHjEgJhnNCwjJhdZWl/view>) or through our ePermitting system.

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. Benched borrow area (looking NE).

PHOTOGRAPHS (cont.)



Photo 2. Benched borrow area (looking east from top of highwall).



Photo 3. Fill placement in central backfill area (looking north from south overlook).

PHOTOGRAPHS (cont.)



Photo 4. Imported backfill on south end (looking NW from south overlook).



Photo 5. 10/25/22 – Graded north borrow area ready for topsoil placement (looking north from south overlook).

PHOTOGRAPHS (cont.)



Photo 6. West side of large boulder planned to be blasted (looking east).



Photo 7. Crack in large boulder (arrows).

PHOTOGRAPHS (cont.)



Photo 8. Containers used for petroleum product disposal (staging area north of main office).



Photo 9. Totes used for petroleum product disposal (staging area north of main office).

Inspection Contact Address

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