




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: March 20, 2023	INSP. TIME: 10:00
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): Zach Trujillo	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 23, 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>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>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>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 Zach Trujillo of the Colorado Division of Reclaiming Mining and Safety (Division) as part of the continuing planned monthly inspections to observe the backfill placement for the final reclamation of the Pikeview Quarry. Jerry Schnabel and Lauren Miller representing Continental Materials Corporation (CMC); and Paul Kos (Stantec) were present during the inspection. Amy Titterington of USFS also attended the 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 focus of this inspection was to observe backfill placement and compaction efforts along with additional reclamation activities. This included reviewing compaction testing records and slope monitoring data.

Records

Compaction testing records were reviewed back to the previous inspection (February 22, 2022). All tests in this period (February 22, 2023 to March 21, 2023) except for three demonstrated at least 90 percent compaction which meets or exceeds the approved specification. The three failed compaction test areas were re-compacted and tested. Results of the compaction tests demonstrated above 90 percent compaction. During the review of the records, it was observed a portion of the compaction tests were missing from the records. The missing compaction results were provided and the records were updated during the inspection.

Prism data from the GEOMOS system which tracks the slide area movement was also presented during the inspection. Trend lines generated from data points shows a flat pattern which indicates stability with minimal or no movement. Individual data point fluctuations were observed however these fluctuations are related to weather obstruction.

Backfill

Backfill and compaction efforts were occurring during the inspection. All backfill was being placed along the southern end of the slope buttress. After placement, the backfill was being compacted. Compaction testing was occurring during the inspection by CTL Thompson under the supervision of CMC and Stantec. The first portion of the buttress has been completed at a 3h:1v slope. The second benching of the buttress that was occurring will be graded to a steeper 2h:1v slope. The benched excavation area located at the previous maintenance shop has almost all borrow material removed with the remaining amount located at the lower elevation. The upper excavated benches were being be graded to a continuous slope for final reclamation. A portion of the area has been graded as a pad for future post-mining land use. Additional backfill excavation was occurring along the southern portion of the permit along the USFS property.



Graded slope along north-eastern end of permit as well as continued excavation.



Compactor working recent backfill.

Topsoil

Topsoil placement was observed along the very north-east portion of the regraded slope which was previously excavated for borrow material. Topsoil has also been staged along the initial southern buttress slope. The topsoil material was being blended with mulch by a loader. CMC stated the topsoil will be used along the lower end of the buttress as part of contemporaneous reclamation efforts.



Topsoil blending and staging along buttress.

Hydrology

Post-mining channel has been constructed along the lower portion of the buttress. The channel is graded down gradient to the north.



Post-mining channel along buttress.

Inspection Contact Address

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Enclosure

CC: Tim Cazier, DRMS
Amy Titterington, USFS
Paul Kos, Stantec