




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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, and dolomite	COUNTY: El Paso
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier, Amy Eschberger	INSP. DATE: January 30, 2018	INSP. TIME: 08:00
OPERATOR: Continental Materials Corporation	OPERATOR REPRESENTATIVE: Brandon Hesper & Andre Laroche	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Priority	BOND CALCULATION TYPE: Partial	BOND AMOUNT: \$4,226,000.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 26, 2018

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>Y</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SW) STORM WATER MGT PLAN---- <u>Y</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>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</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 site visit was conducted as a priority inspection in part as a result of the Division receiving non-specific objection letter references of non-compliance at quarry operations in the vicinity of the proposed Hitch Rack Ranch Quarry. The Permittee, Continental Materials Corp. (CMC) was represented by Messrs. Brandon Hesel and Andre Laroche during the inspection. Tim Cazier and Amy Eschberger represented the Division. The Pikeview Quarry is accessed from near the intersection of Centennial Blvd. and Vindicator Dr. north of Colorado Springs. The quarry was operating at the time of the inspection.

Availability of Records: Annual fees are paid through May 2017. The previous inspection was on May 14, 2015. The approved post-mine land use is wildlife habitat (reference AM-03). There are no open infractions.

Backfilling and Grading: Sufficient backfill material appeared to be available as the mine plans to push overburden down from the top (see **Photo 1**) as part of the effort to stabilize and reclaim the pit.

Explosives: The mine has ceased blasting for the time being. Mine representatives indicated the most recent blast was about September of 2017.

Financial Warranty: The financial warranty has not been reviewed since 2013 with the approval of AM-03. The Division will review the \$4,226,000 bond currently held based on observations made during this inspection and determine if it is adequate for the current mine disturbance. You will be notified under separate cover if a bond increase is necessary.

Fish and Wildlife: No impact to fish or wildlife was observed. Bighorn sheep were observed on the reclaimed benches on the south end of the pit (see **Photo 2**).

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed (see **Photo 3**).

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. Google Earth was used to measure the disturbed area (approximately 130 acres not including the access road, based on June 9, 2017 satellite imagery). CMC continues to work on stabilizing the highwalls and backfilling with overburden as approved in amendment 3 (AM-03). Technical revisions TR-17 and -19 allow CMC to import inert fill, if necessary, for backfill. Mr. Hesel showed the Division representatives the slope stability monitoring system in the Pikeview Quarry office and explained how staff is alerted should movement be detected.

Off-site Damage: The operation appeared to be confined to the permit boundary, based on site observations and Google Earth review.

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite.

Reclamation Success: Reclamation to stabilize the pit highwall is proceeding. Reclamation on the south end and some on the far north end is probably adequate. No requests for release of any reclaimed areas have been received by the Division.

Revegetation: Some revegetation has occurred on the far north end of the pit (see **Photo 4**) and the south end (see **Photo 2**). No noxious weeds were observed.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: A screen plant, crusher, and dump trucks were observed on site.

Signs and Markers: The permit sign was properly posted (see **Photo 5**).

Permit Stipulations: There is one stipulation which states the Division will use traditional financial warranty release techniques if further review indicates that the proposed method used to measure reclamation success does not meet the minimum requirements of the Act, Rules and the permit.

Storm Water MGT Plan: No oil or fuel spills observed. Stormwater drains to the pond in the pit and is decanted through the riser pipes (see **Photo 6**).

Please contact Tim Cazier (303-866-3567, ext. 8169) if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Area to be reclaimed by pushing material down from the top (looking NNW).

PHOTOGRAPHS (cont.)



Photo 2. Bighorn sheep on south end reclaimed slopes.



Photo 3. Riser pipes in stormwater detention pond (looking NNW).

PHOTOGRAPHS (cont.)



Photo 4. Reclaimed area on north end (looking NNW).



Photo 5. Permit sign – at entrance.

PHOTOGRAPHS (cont.)



Photo 6. Stormwater pond risers.

Inspection Contact Address

Andre Laroche
Continental Materials Corporation
444 E. Costilla
Colorado, CO 80903

EC: Amy Eschberger, DRMS
DRMS file
Brandon Heser, CMC