



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	INSPECTOR(S): Timothy Cazier, P.E.	INSP. DATE: August 10, 2022	INSP. TIME: 09:15
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: None	BOND AMOUNT: \$13,389,784.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: U.S.Forest Service	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 29, 2022

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Availability Of Records

PROBLEM/POSSIBLE VIOLATION: Problem: During the August 10, 2022 inspection, the Permittee agreed to submit a summary of the disposition of the material related to the demolition of the site maintenance shop. This information was not included in the Monitoring Report received on August 26th.

CORRECTIVE ACTIONS: Provide an addendum to the July 2022 Monitoring Report or include an appendix in the August 2022 Monitoring Report summarizing the disposition of materials from the demolition of the Maintenance Shop by the corrective action due date.

CORRECTIVE ACTION DUE DATE: 10/01/22

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]); and Messrs. Paul Kos and Tim Culberson (Stantec) 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 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 (July 20, 2022). No testing was performed on the day prior to the inspection (8/9/22) and results from tests performed on the day of the inspection were not yet available. All tests in this period (July 20th to August 8th) demonstrated at least 90 percent compaction, thereby meeting or exceeding the approved specification. Several tests demonstrated 100 percent compaction. Prism data from the GEOMOS system which tracks the slide area movement was presented by site representatives. They emphasized how flat the data trendlines continue to be, citing this as evidence the backfill is contributing to the stability of the slide as the flat data shows no movement.

Shop demolition material disposition: **A problem is cited on p. 1 of this report in order to track the submittal of a report summarizing the disposition of the shop demolition materials.** (*See the discussion under the second bullet of the Closeout Meeting section below*)

Backfill: Backfill material was being excavated from the north end (see **Photo 1**) and the area where the maintenance shop was demolished (see **Photo 2**) in July. Benches were observed in the north borrow area. Site representatives confirmed these benches would be graded to a continuous slope for final reclamation. The excavated material was observed being hauled to the east central pit floor for placement (see **Photo 3**). A dozer was observed grading a one foot lift on the north end of the backfill area (see **Photo 4**). Imported backfill, as allowed by the approval of TR-19, was being dumped on the south end of the backfill area (see **Photo 5**). Site representatives stated the haul truck drivers were "splitting" the haul truck tracks when driving across placed backfill to aid in the compaction effort. Subsequent to this inspection, on August 25th, the DRMS approved a technical revision (TR-21) to allow the backfill lift thickness to increase from one foot to two feet. The testing frequency is to remain at one compaction test per 5,000 CY placed. This will double the amount of compaction testing on a per unit area basis.

Explosives: As discussed in the June inspection report, the Permittee is in the process of developing a blasting plan to be submitted as a technical revision. Site representatives asked if blasting in the City of Colorado Springs permit area would require that area to be pulled into the DRMS permit area. The DRMS position is that as long as the City permit allows blasting in their permit area, it does not need to be amended into the DRMS permit.

Environmental: No oil or fuel spills were observed. CMC stated their contractor for noxious weed control was to be onsite August 12th. No impacts to wildlife were noted. Bighorn sheep were observed in the area (see **Photo 6**). Various above and below ground tanks were observed near the shop demolition area (see **Photo 7**) and south of the backfill area (see **Photo 8**). Site representatives stated these tanks would be hauled off site for recycling.

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

- Concerns / problems: None were observed by the DRMS during the inspection.
- Disposition of material from the July demolition of the shop: Site representative indicated concrete from the shop demolition would be rubbleized with rebar removed and placed in the slide buffer zone. Metals were to be hauled offsite for recycling. **CMC agreed to include an appendix in the July monitoring report summarizing for the record what demolition materials are/were to be buried on site and which were to be hauled offsite for disposal/recycling. The July monitoring report was received by the DRMS on August 26th. The submittal did not include a summary of the shop demolition material disposition.**
- GEOMOS Building Relocation: The relocation of the GEOMOS building caused the baseline for tracking slope movement of the slide area to be reset. Site representatives stated again that it is the trendline from the monitoring system that demonstrates stability. The July monitoring report received August 26th, included twice the normal number of trendline plots as two sets of plots (one each for transverse and vertical movement) for each prism were included in the Appendix B, Prism Survey. One set of plots preceded the relocation of the GEOMOS building on July 18th. The second set of plots showed the trendlines after relocating the GEOMOS building.
- TR review time: This question was asked in relation to the blasting TR being prepared. The DRMS is required to issue a decision on a TR within 30 days of receiving the TR application and \$216 fee. Only the Applicant can request an extension to the decision date. However, if there are outstanding adequacies on the decision date, and no extension has been requested, the DRMS will deny the TR request.

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 North Borrow area (looking north from relocated GEOMOS bldg.).

PHOTOGRAPHS (cont.)



Photo 2. Demolished Shop area borrow source (looking NNE from south overlook).



Photo 3. Fill placement on east side of central backfill area (looking north from south overlook).

PHOTOGRAPHS (cont.)



Photo 4. Dozer grading lift to one foot on north end of backfill area (looking west).



Photo 5. Imported backfill being dumped on south end of backfill area (looking west from south overlook).

PHOTOGRAPHS (cont.)



Photo 6. Herd of bighorn sheep off south access road.



Photo 7. Tanks from Shop demolition (just east of where shop was).

PHOTOGRAPHS (cont.)



Photo 8. Additional tanks from Shop demolition (south of backfill area).

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- PB	(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>NA</u>	(SF) PROCESSING FACILITIES----- <u>Y</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>N</u>	(SC) EROSION/SEDIMENTATION-- <u>Y</u>	(ST) STIPULATIONS----- <u>N</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

Inspection Contact Address

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