




**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.

<b>MINE NAME:</b> Pikeview Quarry	<b>MINE/PROSPECTING ID#:</b> M-1977-211	<b>MINERAL:</b> Limestone (general), granite, granite gneiss and dolomite	<b>COUNTY:</b> El Paso
<b>INSPECTION TYPE:</b> Monitoring	<b>WEATHER:</b> Snowing	<b>INSP. DATE:</b> February 22, 2023	<b>INSP. TIME:</b> 09:00
<b>OPERATOR:</b> Continental Materials Corporation	<b>OPERATOR REPRESENTATIVE:</b> Paul Kos & Leif Neufeld	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> High Priority	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$13,389,784.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> U.S.Forest Service	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Timothy Cazier, P.E	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> March 10, 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>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>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. Messrs. Paul Kos and Leif Neufeld (Stantec, representing the Permittee, Continental Materials Corporation [CMC]) were present during the inspection. The sky was overcast and the temperature was 12°F.

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 (January 11, 2023). No results were available after February 13<sup>th</sup>. All but two test results reviewed in this period (January 6<sup>th</sup> to February 13<sup>th</sup>) demonstrated at least 90 percent compaction in compliance with the approved specification. The areas tested not meeting the specification were recompacted, retested and met the specifications in the retest. Mr. Kos 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 significantly slowed movement of the slide. Some anomalies were discovered in tracking test ID numbers between the CTL Thompson test log and the Brice Construction test log. Both logs showed test and retest results correctly, but the CTL log test ID number differed between the CTL test log and the CTL test ID number on the Brice test log. Comparisons could be made by checking the test dates and locations, but not using the test numbers. In addition, the location for the CTL log test #436 did not match the Brice test log location. Messrs. Kos and Neufeld committed to correcting future test log cross-over IDs and checking location data.

Company/Property Records: Messrs. Kos and Neufeld are not CMC personnel and were not privy to the status of the pending succession of operator (SO) application.

Backfill/Grading: The site was continuing to import backfill from offsite and directing truck drivers to unload offsite material out of the working area. Backfill was being actively excavated from both the north (**Photo 1**) and south borrow areas (**Photo 2**). Site representatives stated the compacted backfill had been placed to an elevation of 7,300 feet (amsl). Light snow was falling during the inspection. Stantec representatives directed the construction crews to remove snow cover on work areas prior to placing backfill (**Photo 3**).

Topsoil: Topsoil is also continuing to be imported. A truck bringing topsoil on site was observed during the inspection. Site representatives directed the driver to place the material at the toe of the backfill near the south end (**Photo 4**). Additional salvaged topsoil is stockpiled north of the office building and is labeled as such (**Photo 5**).

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

- Stantec representatives committed to tracking down and correcting the compaction test log anomalies.
- The DRMs confirmed a technical revision is necessary for the proposed stormwater channel reconfiguration/realignment.

Subsequent to this inspection, Stantec, Brice Construction and CTL Thompson coordinated to resolve the compaction test log anomalies. Their collective responses were provided to the DRMS via email on March 10,

2023 as follows:

1. How CTL reports failed tests. Their log appears to show the failed test on the date of the accepted test, and there is not a record of the accepted test at least on Jan 20.
  - They do have the failed tests in their log. The failed tests are not on the day the tests failed, but rather on the day that the re-test has occurred. These failed tests are then reported with the re-test on that date of the re-test. CTL is looking into this and will work on getting these fixed. Brice's log shows the failed test the day it happens and then the passing test on the day it happens, it is just keeping the dates of the failed tests in order and true to the day they occur.
2. Some of the locations do not match between the CTL report and the density log. We were focused on the 2 failed tests in January, and the locations appeared to be off by one test.
  - The locations of the two tests are due to the Northing/Easting on, once again a CTL log not being generated correctly and has been discussed with CTL and are looking into this as well. I did do two "re-tests" in some parts where it failed once, to ensure and focus on that area, with the correct N/E location and right next to it a foot or two over to do our due diligence for DRMS, to show them we are taking and making the proper steps to ensure the quality of this project, so in some instances we do have more re-tests than failed tests, for that reason, but there was a deficiency in the N/E of CTL and my report, so those will be matched and corrected.
3. The test number in CTL's report does not match the test number on the density log.
  - There was a time where CTL was testing and then Stantec had their employee's testing. Stantec's license ran out, so CTL had to come back in and start testing again. Their numbers follow the order of the number of tests they performed, for auditing reasons. Brice's numbers, which are continuous, go from test 1 all the way to where we are today. The CTL tests are labeled "CTL Test" and then the Stantec Tests are labeled "Stantec Test" all to decipher who has done what tests as the testing agency. The log is being revised to include the CTL number and the overall project test number.

Please contact Tim Cazier (303)328-5229 or email at [tim.cazier@state.co.us](mailto:tim.cazier@state.co.us) if you have any questions regarding this report.



## PHOTOGRAPHS



Photo 1. Active excavation of north borrow area (looking north from top of highwall).



Photo 2. Active excavation of south borrow area (looking south from near north borrow area).



**PHOTOGRAPHS (cont.)**



Photo 3. Cleared snow ahead of backfill progressing north to south (looking SW from near north borrow area).



Photo 4. Placing imported topsoil at toe of backfill (looking north).

**PHOTOGRAPHS (cont.)**



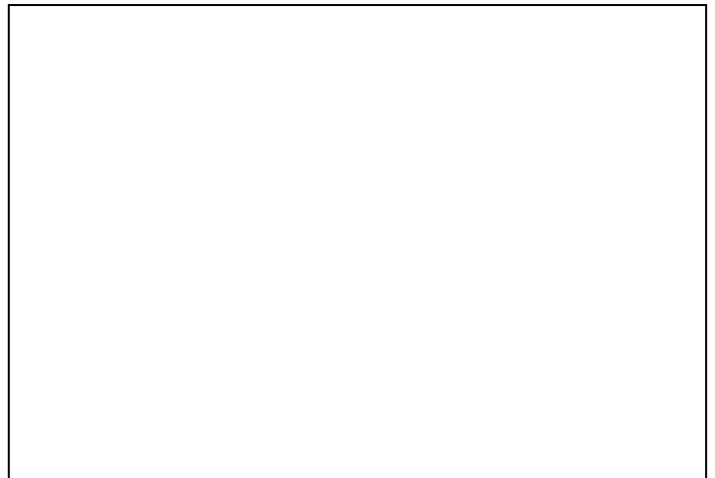
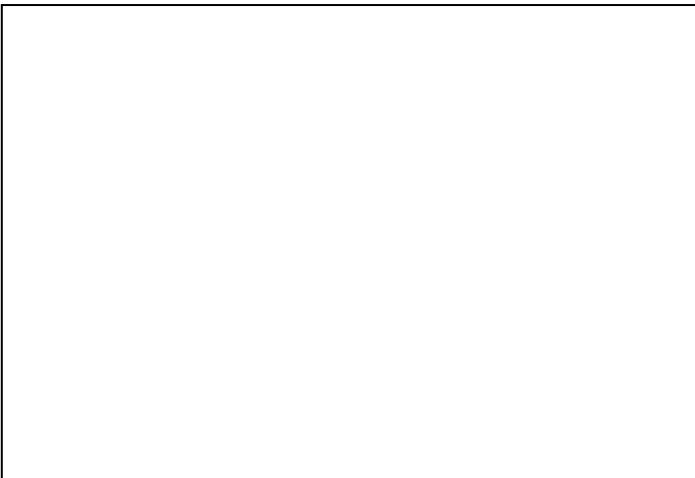
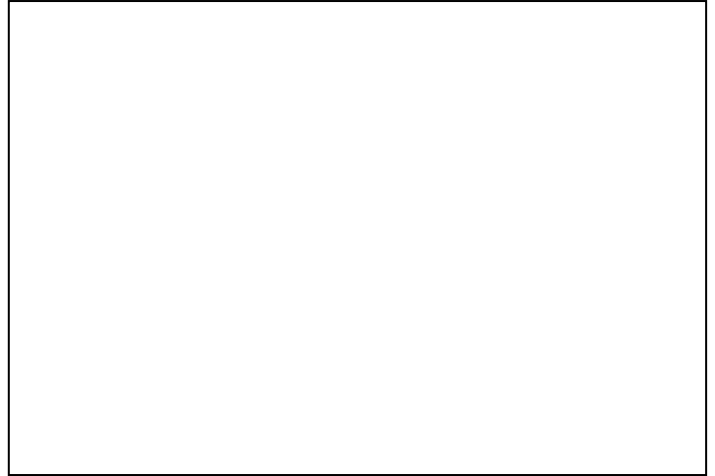
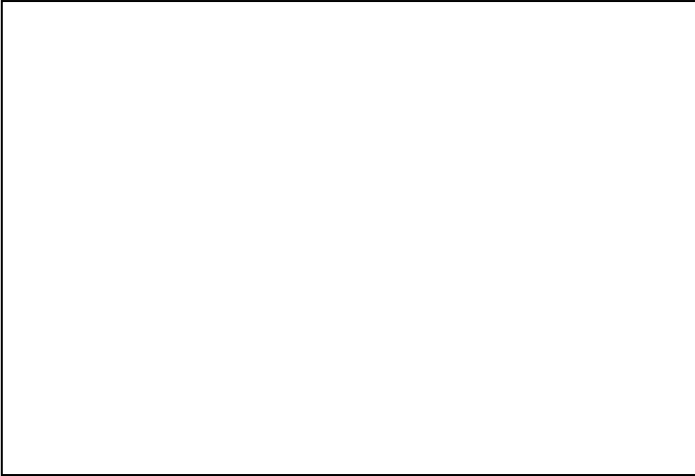
Photo 5. Labeled (circled sign) topsoil stockpile north of office building.

**Inspection Contact Address**

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Paul Kos, Stantec

**PHOTOGRAPHS**



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Enclosure

CC: