



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.

<b>MINE NAME:</b> Snyder Quarry	<b>MINE/PROSPECTING ID#:</b> M-1977-210	<b>MINERAL:</b> Limestone (general)	<b>COUNTY:</b> El Paso
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Timothy A. Cazier	<b>INSP. DATE:</b> January 30, 2018	<b>INSP. TIME:</b> 10:20
<b>OPERATOR:</b> Continental Materials Corporation	<b>OPERATOR REPRESENTATIVE:</b> Brandon Heser, Andre Laroche	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	
<b>REASON FOR INSPECTION:</b> Priority	<b>BOND CALCULATION TYPE:</b> Partial Bond	<b>BOND AMOUNT:</b> \$340,000.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> March 21, 2018	

**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:** Roads

**PROBLEM/POSSIBLE VIOLATION:** Problem No. 1: The road between Phases WP and AP is in especially poor condition requiring a four-wheel drive vehicle and careful navigation of the road.

**CORRECTIVE ACTIONS:** Provide photographic evidence of road repair and maintenance to remove/repair the erosion rilling in the road designated as a fire escapeway by the Corrective Action Due Date.

**CORRECTIVE ACTION DUE DATE:** 5/21/18

**INSPECTION TOPIC:** Reclamation Success

**PROBLEM/POSSIBLE VIOLATION:** Problem No. 2: The water storage pond added for the rock wash plant as part of amendment 2 (AM-02) is in poor condition due to lack of maintenance, with the liner torn and ineffective.

**CORRECTIVE ACTIONS:** Reclaim the water storage pond as approved by the Division in Amendment 4. Provide photographic evidence of removing the liner prior to any backfill placement, followed by photographs of achieving final grades, and seed tags for the revegetation effort or if appropriate, a schedule for later seeding in 2018 by the corrective action due date.

**CORRECTIVE ACTION DUE DATE:** 6/19/18

## **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) was represented by Messrs. Brandon Hesser and Andre Laroche during the inspection. The Snyder Quarry is accessed from Black Canyon Rd and is located approximately 1 mile north of Manitou Springs. It was not operating at the time of the inspection.

Availability of Records: Annual fees are paid through May 2017. The previous inspection was on June 30, 2016. The approved post-mine land use is wildlife habitat. There are no open previous infractions.

Backfilling and Grading: Sufficient backfill material appeared to be available.

Excess Spoil and Dev. Waste: No overburden piles were observed as it has been used for backfill. Final reclamation will likely require this backfill to be regraded to achieve the desired contours.

Explosives: Representatives have indicated Buckley Powder does their blasting and keeps blasting records. However, the mine has not done any blasting for quite some time.

Financial Warranty: The financial warranty has not been reviewed since 2009 during the review of TR-03. The Division will review the \$340,000 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.

Hydrologic Balance: No standing water was observed in the pit (see **Photos 1, 2 and 3**) and no exposed groundwater was observed.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. Most highwalls were benched, appeared stable.

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

Processing Waste: No waste stockpiles were observed.

Roads: A review of permit documents by the Division revealed the haul road between Phases WP (within pit) and AP (above pit) and the site access road are intended to be available for a fire escape way for residents/fire fighters north of the mine. The road between Phases WP and AP is in especially poor condition requiring a four-wheel drive vehicle and careful navigation of the road. **The poor condition of the road is cited as Problem No. 1 on page 1 of this report.**

Reclamation Success: Reclamation has been initiated and appears complete on some portions of the Phase WP pit area. However, the water storage pond added for the rock wash plant as part of amendment 2 (AM-02) is in poor condition due to lack of maintenance, with the liner torn and ineffective. A review of permit documents by the Division revealed the water storage pond was to be reclaimed after mining. The Division acknowledges mining activity as defined by Rule 1.1(27) is still occurring, but the mining activity requiring the storage pond has apparently ceased. As such, the Division's position is the storage pond should be reclaimed as it is no longer used or needed as part of the current mining operation. **The poor and unreclaimed condition of the water storage pond is cited as Problem No. 2 on page 1 of this report.** It also appears based on review of permit documents additional blasting and benching may be needed to reduce the slope in areas of the West Ridge (see

**Photo 4)** and northeast portions of the WP pit (see **Photo 5**).

Revegetation: As discussed in the previous inspection report, some areas of the WP pit have been revegetated, but more work is needed. No noxious weeds were observed.

Sediment Control: The haul road between the lower and upper pits shows signs of severe erosion. However, any eroded sediment is captured in the large sediment pond near the lower pit (see **Photo 1**), so this is not cited as a problem at this time. Final reclamation will need to address these erosion gullies. No erosion best management practices (BMPs) were needed at the time of the inspection.

Support Facilities On-site: A screen plant was observed on site (see **Photo 6**).

Signs and Markers: The permit sign was properly posted (see **Photo 7**) and boundary markers were observed to delineate the permit boundary (see **Photo 8**).

Permit Stipulations: There are six permit stipulations. These are presented in the June 30, 2016 previous inspection report.

Storm Water MGT Plan: No oil or fuel spills observed. Stormwater drains to the pit and/or sediment ponds and infiltrates.

Please contact Tim Cazier (303)866-3567 ext. 8169 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. Sediment pond in south end of Phase WP Pit (looking south).



**PHOTOGRAPHS (cont.)**



Photo 2. Pit floor in north end of Phase WP Pit (looking NW).



Photo 3. Shallow sediment pond on the west side of Phase AP Pit (looking north).



**PHOTOGRAPHS (cont.)**



Photo 4. West ridge of WP pit needing benching for final reclamation (looking SW).



Photo 5. Northeast portion of the WP pit needing benching for final reclamation (looking NE).



**PHOTOGRAPHS (cont.)**



Photo 6. Screen plant (south end of site).



Photo 7. Permit sign at entrance.

### PHOTOGRAPHS (cont.)



Photo 8. Typical permit boundary marker (north side of AP pit).

### GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>PB</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>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>PB</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</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

**Inspection Contact Address**

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

ec: Amy Eschberer, DRMS,  
DRMS file  
Brandon Heser, Continental Materials Corporation  
Jerald Schnabel, Continental Materials Corporation