




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: Menzer Quarry	MINE/PROSPECTING ID#: M-1976-009-HR	MINERAL: Granite, granite gneiss	COUNTY: El Paso
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: June 30, 2016	INSP. TIME: 15:30
OPERATOR: Schmidt Construction Company	OPERATOR REPRESENTATIVE: Dan Chavez & Mark Heifner	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$456,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 26, 2017	

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>Y</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>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <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 inspection was conducted as part of the regular monitoring program. The Permittee (Schmidt Construction) was represented by Messrs. Mark Heifner and Dan Chavez during the inspection. The Menzer Quarry is accessed from Turkey Canyon Rd about 16 miles south of Colorado Springs on Hwy 115, approximately 2.5 miles from Hwy 115. This is a 112c granite mine. It was operating at the time of the inspection.

Availability of Records: Annual fees are paid through December 2016. The previous inspection was on December 9, 2011. The approved post-mine land use is forestry. There are no open infractions.

Backfilling and Grading: The highwalls are benched with 40-foot wide benches, 30 to 40 feet in height. The benches are backfilled with a blend of topsoil and fines. There appeared to be adequate backfill for areas requiring backfill.

Complete Inspection: The entire permit area was inspected. No problems were observed during the inspection.

Excess Spoil and Dev. Waste: There were no overburden piles. Mr. Chavez indicated they sell the overburden material.

Explosives: Explosives are used as part of the regular mining operation. Mr. Chavez keeps the blasting plan in his office. A future blast pattern had been drilled (see **Photo 1**) and was being prepared for loading explosives.

Financial Warranty: The \$456,000 bond held by the Division is adequate for the observed mine disturbance.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan.

Off-site Damage: The operation appeared to be confined to the permit boundary.

Roads: Haul and access roads are dust controlled. A water truck was observed operating on mine roads. It did not appear that sediment could be tracked offsite.

Reclamation Success: Some of the south side highwall benches have been reclaimed (see **Photo 2**).

Revegetation: Some upper benches show signs of vegetation establishment. No noxious weeds were observed.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection. The sediment pond (see **Photo 3**) appeared to be adequate and was in the process of being mucked out.

Support Facilities On-site: A screen plant, crushers, and conveyors were observed on site (see **Photo 4**).

Signs and Markers: The permit sign was properly posted (see **Photo 5**) and boundary markers were observed to delineate the permit boundary (see **Photo 6**).

Permit Stipulations: There are no open permit stipulations or commitments.

Storm Water MGT Plan: No oil or fuel spills observed. Representatives stated the stormwater management plan is kept in the office. Stormwater drains to the sediment pond.

Topsoil: Mr. Chavez stated topsoil is stripped and used shortly afterwards in concurrent reclamation.

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Drilled blast pattern (looking east).

PHOTOGRAPHS (cont.)



Photo 2. South side highwall benches in reclamation.



Photo 3. Sediment pond in the process of being mucked out.

PHOTOGRAPHS (cont.)



Photo 4. Screen plant, crushers, and conveyors on pit floor.



Photo 5. Permit sign at entrance.

PHOTOGRAPHS (cont.)



Photo 6. Boundary marker (north side, looking NE).

Inspection Contact Address

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EC: DRMS file
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Mark Heifner