



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: South 40 Quarry	MINE/PROSPECTING ID#: M-1990-016	MINERAL: Surface Moss Rock	COUNTY: Fremont
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: September 30, 2015	INSP. TIME: 9:30
OPERATOR: High Plains Stone Company	OPERATOR REPRESENTATIVE: Debbie Wagner	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$2000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: Phil Courtney	JOINT INSP. AGENCY: State Land Board	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 21, 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>N</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>NA</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>N</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>NA</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 Operator (High Plains Stone Company) was represented during the inspection by Ms. Debbie Wagner. Mr. Phil Courtney represented the Colorado State Land Board during the inspection. The South 40 Quarry is accessed from State Highway 115 (approximately 11 miles north of Penrose) and is located approximately 2.5 miles off Hwy 115. This is a 110c surface moss rock mine. It was not operating at the time of the inspection.

Availability of Records: Annual fees are paid through September 2016. There are no open infractions. The BLM portion of the original permit was released in 1996.

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

Financial Warranty: The \$2,000 bond held by the Division is adequate for the small area of disturbance observed.

Fish and Wildlife: No impact on wildlife was observed.

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. Google Earth was used to measure the disturbed area, which was estimated to be less than one acre. High walls were estimated to be approximately 10 to 12 feet in height and appeared stable (see **Photo 1**).

Off-site Damage: The operation appeared to be confined to the permit boundary. The original permit boundary map approved by the Division in 1990 was not very well defined, but the observed disturbance had not advanced very far from the access road.

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

Revegetation: No areas were revegetated. No noxious weeds were observed.

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

Support Facilities On-site: A loader (see **Photo 2**) and crane (see **Photo 3**) were observed on site.

Signs and Markers: A new permit sign (see **Photo 4**) was brought to the site by the Operator and was to be properly posted after the inspection. Ms. Wagner indicated she would work on better delineating the permit boundaries and submit a technical revision to better define the permit boundary and request intermittent status if the plan is to operate less than 180 days per year.

Permit Stipulations: There are no permit stipulations.

PHOTOGRAPHS



Photo #1 – Typical highwall



Photo #2 – Site loader



Photo #3 – Site crane, active mining area



Photo #4 – Permit sign

Inspection Contact Address

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High Plains Stone Company
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EC: DRMS file
Phil Courtney, SLB