




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: Ranch Land Rock Pit #1	MINE/PROSPECTING ID#: M-2002-096	MINERAL: Sandstone (silica, stone limestone (general) and gravel	COUNTY: Fremont
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: April 26, 2017	INSP. TIME: 14:45
OPERATOR: Holcim (US) Inc.	OPERATOR REPRESENTATIVE: Nick Bellino	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$43,500.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 2, 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>NA</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>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>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 (Holcim) was represented by Mr. Nick Bellino. The Ranch Land Rock Pit #1 is accessed from Hwy 96, about 20 miles west of Pueblo, CO. This is a 112c limestone mine. It was not operating at the time of the inspection.

Availability of Records: Annual fees are paid through November 2016. The previous inspection was on January 18, 2012. The approved post-mine land use is rangeland. There are no open infractions. The site is currently in Temporary Cessation(TC). **This first five-year period of TC expires November 1, 2017. If mining activity has not resumed on or before October 31, 2017, the Permittee will need to request an additional five years of TC from the Mined Land Reclamation Board (Board) or begin final reclamation.**

Backfilling and Grading: No backfill material is necessary at this time.

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

Financial Warranty: The \$43,500 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. Google Earth was used to measure the disturbed area, which was estimated to be approximately 6.4 acres (based on 2013 satellite imagery). High walls were estimated to vary between 4 and 6 feet in high and appeared stable (see **Photo 1**).

Off-site Damage: The operation appeared to be confined to the permit boundary, based on topographic constraints.

Processing Waste: Stockpiles of previously extracted rock were observed in the pit area (see **Photo 2**).

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

Reclamation Success: No reclamation has been initiated.

Revegetation: A few tamarisk plants were observed on the haul road near the pit area (see **Photo 3**). These were of insufficient quantity to be cited as a problem, but should be removed as soon as possible to prevent tamarisk from becoming a problem on site.

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

Signs and Markers: The permit sign was observed at the site entrance (see **Photo 4**), but had been knocked down. Mr. Bellino said he would get it put back up and stabilized. The current mine area is constrained by topography ensuring mine activities are confined within the permit boundary.

Permit Stipulations: There are no permit stipulations.

Topsoil: A topsoil stockpile was observed southeast of the pit area.

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. Stockpiles of previously extracted rock (looking west).

PHOTOGRAPHS (cont.)



Photo 2. Typical 4 – 6 foot highwalls (looking SW).



Photo 3. Tamarisk plants observed on east side of haul road near pit area (looking south).

PHOTOGRAPHS (cont.)



Photo 4. Permit sign.

Inspection Contact Address

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CC: DRMS file