




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, quartzite), limestone (general) and sand and gravel	COUNTY: Fremont
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy Cazier, P.E.	INSP. DATE: August 19, 2021	INSP. TIME: 11:15
OPERATOR: Holcim (US) Inc.	OPERATOR REPRESENTATIVE: Tom Newman	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: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 20, 2021	

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>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</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>Y</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 regular monitoring program. The Permittee (Holcim) was represented by Mr. Tom Newman. 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 October 2021. The previous inspection was on April 26, 2017. The approved post-mine land use is rangeland. There are no open infractions. This permit was approved for temporary cessation (TC) in November 2012 and resumed mining in June of 2017. Annual reports since 2017 were unclear as to more recent mining activity. Discussions with site representatives confirmed the resumed mining activity in June of 2017 ended on July 19, 2017. On September 30, 2021, the DRMS received a request to once again enter TC, retro-active to July 20, 2017. Both the surface and minerals are owned by Holcim US.

Acid And Toxic Materials: No acid or toxic materials are involved in this operation, nor stored on site.

Backfilling and Grading: Sufficient backfill material (overburden) appeared to be available (see **Photo 1**).

Excess Spoil and Dev. Waste: (see Backfilling and Grading, above).

Explosives: No blasting is planned for the site.

Financial Warranty: The \$43,500 bond held by the DRMS was accepted with the original permit application and included 15 acres of excavation area with up to an additional 25 acres of minor disturbance. This amount is adequate for the observed mine disturbance (see Gen. Compliance with Mine Plan discussion below), but should be updated prior to any significant resumption of mining.

Fish and Wildlife: No impact to 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. The maximum allowed disturbed area is 40 acres (15 acres of extraction/excavation). Google Earth was used to measure the disturbed area, which was estimated to be approximately 5 acres, based on 2018 imagery. Only an estimated 0.75 acres have been mined and require backfill and grading (see **Photo 2**). The remaining 4.25 acres require only minor grading and seeding. Highwalls were estimated to vary between 4 and 6 feet in height and appeared stable.

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

Processing Waste: No processing waste was observed. Mr. Newman indicated all the material stockpiled in the staging area could be crushed and sent to the Portland Plant.

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

Right of Entry: The site is owned by Holcim US (confirmed via Fremont Co. Assessor website 10/12/2021).

Reclamation Success: No reclamation has been initiated.

Revegetation: No revegetation has been initiated. Two thistle plants were observed, not enough to site a problem.

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

Support Facilities On-site: Only a large grizzly screen was observed (see **Photo 3**).

Signs and Markers: A permit sign was properly posted at both the south (see **Photo 4**) and north entrances (see **Photo 5**). The area mined to date is in Phase 1 which is bounded by ravines on the west, north and east sides (well within the Phase 1 boundary. To the south of Phase 1 is the permitted staging area where no mining is proposed.

Permit Stipulations: There are no permit stipulations. However, there is a permit commitment not disturb the area designated as the 100-year floodplain as depicted on the FEMA map, in cooperation with Fremont County, State Engineer's Office and The Army Corps of Engineers (reference "Response to Adequacy Letter of September 26, 2002", dated 10/7/2002).

Storm Water MGT Plan: No oil or fuel spills observed.

Topsoil: Based on the Application's soil survey, the area mined to date is part of the Penrose series having an A horizon of zero to four inches. As such, there is no real difference between topsoil and overburden. All are stockpiled on the perimeter of the pit (see **Photo 1**).

Structures: No structures were observed within 200 feet of the affected 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. Overburden/topsoil stockpile on east side of pit (looking SSE).



Photo 2. Active pit area (looking south).

PHOTOGRAPHS (cont.)



Photo 3. Large grizzly screen (staging area, looking NW).



Photo 4. Permit sign (south entrance off Hwy 96, looking north).

PHOTOGRAPHS (cont.)



Photo 5. Permit sign (north entrance off ranch road, looking SE).

Inspection Contact Address

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ec: DRMS file
Nick Bellino, Holcim
Tom Newman, Holcim