




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: Berthoud Sunset	MINE/PROSPECTING ID#: M-1994-080	MINERAL: Sandstone (silica, st quartzite)	COUNTY: Larimer
INSPECTION TYPE: Monitoring	INSPECTOR(S): Brock Bowles	INSP. DATE: August 18, 2021	INSP. TIME: 13:00
OPERATOR: Arkins Park Stone Corporation	OPERATOR REPRESENTATIVE: David Sprague	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$38,122.32	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 27, 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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</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 Brock Bowles of the Division of Reclamation, Mining and Safety (Division). David Sprague of Arkin's Park Stone (Operator) was present for the inspection. The Berthoud Sunset Quarry is located about 7 miles west of Berthoud. The site is a 110 operation with 9.9 acres permitted and the post-mining land use is rangeland. This inspection was carried out as a part of the Division's routine monitoring inspection program. At the time of the inspection it was clear, warm and dry.

The permit entrance sign was in place (photo 1). The permit boundary markers were in place.

No mining activity was taking place and no equipment was on site.

The access road to the pit had a dense stand of sunflowers indicating the pit has not been used much this season. The annual report submitted Nov 2020, stated that the last excavation date was April 2018, 3.5 years ago as of this report. Rule 3.1.3 states that all reclamation shall be carried out to completion within 5 years from the date the operator has informed DRMS. Please be aware of this timeline.

The highwall is about 15 feet high and 100 feet long on the upper bench (photo 2). There are some scattered stone piles around the site (photo 3).

The lower bench was flat and no highwalls were noted. Some scattered stone piles were around this area also.

The Division currently holds a financial warranty in the amount of \$38,122. Based on the observations at the site, the Division has estimated the cost to reclaim the site to be \$38,526. The Division will not ask for a surety increase at this time because the difference between the warranty and the estimate is small.

PHOTOGRAPHS



Photo 1 – Mine entrance sign



Photo 2 – Highwall at upper bench



Photo 3 – Scattered stone on upper bench

Inspection Contact Address

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5975 NCR 27
Loveland, CO 80538

Enclosure

CC: