




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: Yocam Borrow Pit	MINE/PROSPECTING ID#: M-2018-020	MINERAL: Borrow material for d	COUNTY: Morgan
INSPECTION TYPE: Monitoring	INSPECTOR(S): Brock Bowles	INSP. DATE: October 15, 2021	INSP. TIME: 09:00
OPERATOR: Castle Rock Construction Company of Colorado, LLC	OPERATOR REPRESENTATIVE: Darren Janssen	TYPE OF OPERATION: 111 - Construction by Goverment Agency	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$42,500.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 25, 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>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</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>Y</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>Y</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). Mr. Darren Janssen of Castle Rock Construction Company (operator) was present for the inspection. The Yocam Pit is located about 6 miles northwest of Wiggins, CO. The site is a 111c operation with 16.5 acres permitted. The approved post mining land use is rangeland. The weather was clear, warm and the ground was dry. This inspection was carried out as a part of the Division's routine monitoring inspection program.

The permit entrance sign was in place (photo 1) and the permit boundary was marked with an electric fence. The fence was open upon arrival.

The entire site is in reclamation. There was no equipment on-site. The slopes of the pit area were graded to approximately 4h:1v and the soil appears to be stable. There were no signs of erosion, rills or gullies.

Many puncturevine plants were seen in the reclamation (photo 2). Puncturevine is a List C species on the CO Dept. of Ag Noxious Weed List. The puncturevine needs to be treated.

The vegetation on the site mostly consisted of consisted of kochia and Russian thistle, both non-desirable annuals but not on the Colorado Dept. of Agriculture listed noxious weeds. A few other native grasses and many Rocky Mountain bee plants (*Cleome serrulata*) were also seen.

The site is basically in the same condition as it was during the last inspection (photo 3). It appears that cattle have been heavily grazing the site before the vegetation can get established. The Operator should consider re-seeding the site and keep the cattle off the reclaimed area for at least 2-4 years to give the plants time to get established. The length of time is dependent on the amount of precipitation received over the next couple of years and keeping cattle off the reclamation.

The Division currently holds a \$42,500 financial warranty for the site. This amount was calculated to be adequate to cover the cost of the remaining reclamation tasks.

PHOTOGRAPHS



Photo 1 – Mine entrance sign



Photo 2 – Puncturevine plant



Photo 3 – South side of reclamation area

Inspection Contact Address

Darren Janssen
Castle Rock Construction Company of Colorado, LLC
6374 S. Racine Circle
Centennial, CO 80111

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