




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: Biesemeier State Pit	MINE/PROSPECTING ID#: M-2021-029	MINERAL: Gravel and clay (gen	COUNTY: Phillips
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Brock Bowles	INSP. DATE: July 1, 2021	INSP. TIME: 10:00
OPERATOR: Phillips County	OPERATOR REPRESENTATIVE: Mike Salyards	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Preoperation Inspection	BOND CALCULATION TYPE: None	BOND AMOUNT: No Bond Held	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 12, 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>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>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</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 pre-operation inspection was conducted in response to a new 112c Reclamation Permit Application for the Biesemeier Pit, File No. M-2021-029. Brock Bowles of the Div. of Reclamation, Mining and Safety conducted the inspection. Mike Salyards of Phillips County was present for the inspection. The weather during the inspection was, partly cloudy, warm and breezy.

The 112c application was received by the Division on May 4, 2021. The application was deemed complete for filing purposes on May 18, 2021. The affidavit of publication was received from the operator on June 18, 2021. The required public notice was run on May 5, 12, 19 and 26. The public comment period closed on June 15, 2021 and no objections were received. The public notices required by Rule 1.6.2(1)(b) were posted and observed along County Road 17 (photo 1). The proposed mine site is located about 3 miles southwest of Paoli. The application proposes to permit 20.0 acres for the purposes of mining gravel and clay. The decision date for this application is August 16, 2021.

The permit boundary was marked on all four corners. The west, north and east sides are marked by fence lines. The topography of the proposed mine site is mostly flat with the South Fork of Frenchman Creek running the entire length of the permit. SFF Creek is an ephemeral drainage that was dry at the time of this inspection. A few water puddles were seen in the creek channel, but these were most likely from the large rain events that have occurred in the last few weeks. There were no signs that the creek has had flowing water recently. The main creek channel bottom is flat, wide and is about 8 feet below the surrounding landscape (photo 2). The vegetation on the creek bottom mostly consisted of dryland grass species indicating the creek does not flow often and does not retain water very long after flowing.

The vegetation in the creek bottom, on the creek benches, creek slopes and on the upland areas was mostly comprised of shortgrass prairie species. Cheatgrass was scattered throughout the site. A few musk thistle plants (*Carduus nutans*) were also noted (photo 3). Cheatgrass and musk thistle are noxious species and should be monitored and treated throughout the life of mine operation.

No erosion features were noted in the drainage or in any other location. The only structures on the site were the fences. The site conditions, topography, vegetation and structure descriptions appears consistent with the description provided in the application.

PHOTOGRAPHS



Photo 1 – Public notice sign facing CR 17



Photo 2 – South boundary of permit are facing northwest



Photo 3 – Southern permit boundary facing northeast



Photo 4 – Eastern boundary facing north

Inspection Contact Address

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