




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.

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| MINE NAME: Barkley Pit | MINE/PROSPECTING ID#: M-2020-053 | MINERAL: Borrow material for and aggregate | COUNTY: Logan |
| INSPECTION TYPE: Preoperation Inspection | INSPECTOR(S): Brock Bowles | INSP. DATE: January 27, 2021 | INSP. TIME: 10:00 |
| OPERATOR: Logan County | OPERATOR REPRESENTATIVE: Jeff Reeves | 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: February 2, 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.

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| (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 pre-operation inspection was conducted in response to a new 112c Reclamation Permit Application for the Barkley Pit, File No. M-2020-053. Brock Bowles of the Div. of Reclamation, Mining and Safety conducted the inspection. Jeff Reeves of Logan County was present for the inspection. The weather during the inspection was clear, cold (16 F) and the ground was snow covered.

The 112c application was received by the Division on November 5, 2020. The application was deemed complete for filing purposes on November 13, 2020. The affidavit of publication was received from the operator on January 21, 2021. The required public notice was run on November 20, 27 December 4, and 11. The public comment period closed on December 31, 2020 and no objections were received. The public notices required by Rule 1.6.2(1)(b) were posted and observed along County Road 10 (photo 1). The proposed mine site is located about 12 miles south of Fleming. The application proposes to permit 50.0 acres for the purposes of mining sand and gravel. The decision date for this application is February 16, 2021.

The permit boundary markers were in place (photo 2). The topography of the proposed mine site is mostly flat with an unnamed drainage situated along the western boundary (photo 3). The drainage has not been farmed and the grassy vegetation in this area was very short. The snow was approximately 1 inch deep and it covered most of the vegetation. No channel was noted in the drainage. On the southern end of the western boundary there is an excavation with a mound of soil and a collection of old machinery (photo 4). This excavation is pre-existing and is situated outside the proposed permit boundary.

The eastern portion of the permit area is an agricultural field (photo 5). The field contained a stand of kochia plants but no agricultural crop stubble was noted. The field looked like it was disced sometime before it snowed. The ground was frozen making it very difficult to verify topsoil depths, although it was attempted.

No trees, shrubs or noxious weeds were noted on the site. 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 facing CR 10



Photo 2 - Boundary marker at south west corner



Photo 3 - Unnamed drainage on western boundary facing south from pit access road



Photo 4 - Pre-existing disturbance outside the western permit boundary



Photo 5 – Southern permit boundary facing west, permitted area on right

Inspection Contact Address

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