




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: Hertzog Pit	MINE/PROSPECTING ID#: M-1981-276	MINERAL: Sand and gravel	COUNTY: Moffat
INSPECTION TYPE: Surety-Related Inspection	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: May 7, 2018	INSP. TIME: 11:45
OPERATOR: Bower Brothers Construction, Inc.	OPERATOR REPRESENTATIVE: Bud Bower	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Priority	BOND CALCULATION TYPE: None	BOND AMOUNT: \$36,650.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Windy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 21, 2018	

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>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</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>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This inspection was conducted by the Colorado Division of Reclamation, Mining and Safety (Division) as a follow up to reclamation commitments. These commitments were made by the previous operator then honored by the successive operator under the approval of SO-3. Bud Bower represented Bower Brothers Construction, Inc., and accompanied Amy Yeldell of the Division on the inspection. The Hertzog Pit is a 112c permitted site that includes a total of 77.4 permitted acres with a maximum disturbance of 15 acres. This site is located approximately four miles southeast of Maybell, Colorado. It is accessed from Moffat County Road 74.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The sign is located at the entrance to the permit boundary. The scale and scale house remain on site. A new scale house is being brought in and the old building will serve as storage. Both buildings are trailers and do not require a TR or affect the bond.

Significant reclamation progress has occurred since the last inspection. The majority of highwalls have been regarded. All highwall slopes on the western side (4.7 ac) have been contoured. Approximately two-thirds of the eastern portion (11.4 ac) has been contoured. The southeast portion (2.9 ac) remains the same as before. In addition the large gully in the northeastern corner of the pit that has been previously noted in inspections has been repaired. Mr. Bower is planning on also bringing in rock to help armor the channel to protect it from future erosion.

With regards to seeding only the southwestern portion (5.3 ac) has been seeded. The remainder of the western side of the pit will be seeded this fall. See attached map.

All fuel storage will be on the adjacent Taylor Pit (M-2013-006). A small equipment storage area is at the entrance of the excavated pit and neatly organized. A conveyor, dozer and skidster were on site. Stockpiles have been organized, consolidated and centralized, a few of the piles in the southeastern area still have additional work.

In lieu of recalculating the bond at this time the Division will allow the operator to continue with reclamation progress as a significant effort has been demonstrated. The Division requests that by the end of construction season (October 31, 2018) the operator submit a technical revision to update the mining and reclamation plans based on the current operation. This request should also include updated maps depicting the current 15 ac active area and previously reclaimed areas. This TR will serve as a reclamation progress update and give all necessary figures in order to recalculate the reclamation cost estimate. Please provide the Division misc. figures such as; maximum highwall length, height and slope, push distances of topsoil and volume, areas to be ripped and seeded, etc.

Currently the Division holds a financial warranty amount of \$36,650 for this site. No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@state.co.us

PHOTOGRAPHS





Site overview contoured northeastern corner,
erosion fixed



Scale and old scale house for
storage, no new scale house yet







Inspection Contact Address

Bud Bower
Bower Brothers Construction, Inc.
595 Taylor St.
Craig, CO 81625

Enclosure

EC: Russ Means, Senior EPS, GJFO DRMS

