




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: Green Bros Pit No 2	MINE/PROSPECTING ID#: M-1995-030	MINERAL: Sand and gravel	COUNTY: Morgan
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Jared L. Ebert	INSP. DATE: August 10, 2017	INSP. TIME: 08:54
OPERATOR: McAtee Construction Company	OPERATOR REPRESENTATIVE: Ken Lambert	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Preoperation Inspection	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$31,850.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 11, 2017	

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>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>N</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>	(CI) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <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 was an inspection of the Green Bros. Gravel Pit No. 2, DRMS permit No. M-1995-030, operated by McAtee Construction Company (Operator). I, Jared Ebert of the Colorado Division of Reclamation, Mining and Safety conducted the inspection (Division). Mr. Ken Lambert provided access to the site.

In accordance with Rule 3.2(7), all operations applying for a regular permit, conversion, or amendment thereto shall be inspected after the application is considered filed and prior to the Board consideration. On June 14, 2017 the Division received an amendment application (AM01) to the Green Bros. Gravel Pit No. 2 to add 4.34 acres to the permit area. The AM01 application was considered filed with the Division on June 23, 2017. The decision date for the application is September 21, 2017. The 4.34 acre expansion area is well depicted on the Exhibit C Map submitted with the AM01 application. The application is adding a small strip of land to the north of the permit area and the west of the processing/plant site area.

In accordance with Rule 1.6.2(1)(b), prior to submitting the application to the office for a 112 Reclamation Permit, the applicant shall post a notice sign at the location of the proposed mine site. With the AM01 application, the applicant submitted a signed statement that the required notice sign was posted. At the time of the inspection, the Division could not locate the notice sign. I spoke with Mr. Lambert after the inspection and he indicated that he would post the sign.

The proposed expansion area was observed. The Operator has marked the boundary of the new expansion area with rebar stakes that have been painted red. The marked expansion area appears to be correct based on the Exhibit C map submitted with the AM01 application. The portion of the expansion area north of the current permit boundary encompasses portions of two previously mined lakes. These lakes, according to the applicant, were mined in 1976 by another party. These two lakes are bisected by a small gravel road on top of a berm. The slopes observed of the pre-existing lakeshore on the east side of the gravel road were steeper than a 3H:1V angle. Riparian vegetation was observed along the preexisting lakeshore. Some sand and gravel from the current plant site area have been pushed into a small portion of the pre-existing lake shores on both the lakes east and west of the gravel road.

In a portion of the northwest corner of the current permit area, a pad area was observed where stockpiles of broken up concrete and asphalt have been placed. This pad area extends west outside of the current and proposed permit area. It appears this material is likely re-processed at this site and hauled away. A small road on the southeast side of this pad area has been constructed. This road now connects the Green Bros. 2 plant site/stockpile area to this concrete and asphalt processing area. According to the Exhibit C map submitted with the AM01 application, this area is owned by McAtee Construction Company. The stockpiling and reprocessing of concrete and asphalt is not considered a "Mining Operation" as defined by Rule 1.1(27) and is not considered part of the mining operation occurring within the Green Bros. No. 2 permit area. However, this asphalt/concrete material appears to be backfilled into the pre-existing lake area west of the gravel road discussed above. In accordance with Rule 3.1.5(9), if an operator intends to backfill inert structural fill generated outside of the approved permit area into an excavated pit within the permit area, it is the Operator's responsibility to provide the office notice of any proposed backfill activity not identified in the approved Reclamation Plan. This backfilling activity is not currently identified or included in the approved reclamation plan, and now that the permit area is clearly marked, it is clear this activity is within the currently approved permit area and within the expansion area. Given this, as part of the AM01 process the Division will

require the applicant to update their reclamation plan to address the requirements of Rule 3.1.5(9).

During the inspection, the Division collected 5 points using the ArcCollector application. These points are the corner markers found on the site of the proposed expansion area. Enclosed with this report is a map of the Division's findings.

PHOTOGRAPHS



Figure 1. From Point 0 (See Map) looking northwest.



Figure 2. Concrete and Asphalt Pad area. From east end looking west.



Figure 3. From Point 1 looking east.



Figure 4. From Point 2, looking west.



Figure 5. From Point 3, looking south.



Figure 6. From Point 3, looking west.



Figure 7. From Point 4 looking north.



Figure 8. From Point 4 looking southeast.

Inspection Contact Address

Ken Lambert
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Enclosure: *1.) August 10, 2017 Inspection Map.*

EC: Darren Gebhart, dgebhart@simoncontractors.com
 Steve O'Brian, Environment-inc@outdrs.net

Green Bros. Gravel Pit No. 2

DRMS Permit No. M-1995-030, AM01 Pre-operation Inspection Map, Aug. 10, 2017 Inspection

