




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: Riverside Pit	MINE/PROSPECTING ID#: M-1976-056	MINERAL: Sand and gravel	COUNTY: Logan
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: November 29, 2018	INSP. TIME: 12:30
OPERATOR: McAtee Construction Company	OPERATOR REPRESENTATIVE: Jeff Harms	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$131,200.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 4, 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>Y</u>	(RD) ROADS----- <u>Y</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>Y</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 was an amendment application (AM-02) pre-operational inspection of the Riverside Pit conducted by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS). Mr. Jeff Harms with McAtee Construction Company was present during the inspection.

The 112 construction materials permit amendment application was received by the Division on November 19, 2018. The application was deemed complete on November 26, 2018. The Applicant is publishing public notice as required by Rule 1.6.2(d) for four consecutive weeks. The last notice is scheduled to publish on December 21, 2018. The public comment period for the application will end on January 10, 2019. No objections have been received by the Division as of the signature date of this report. The notice sign was observed during the inspection as required by Rule 1.6.2(b). The decision due date for the amendment application is February 25, 2019.

The mine sign and boundary markers were observed as required by Rule 3.1.12. The proposed amendment area boundary corners were indicated by survey stakes. The Operator stated permanent markers would be installed to identify the revised permit boundary. The Division holds a financial warranty in the amount of \$131,200.00. The required financial warranty amount will be evaluated as part of the amendment application review.

The existing permit area and the proposed amendment areas were inspected by the Division. The amendment application proposes to add 21.25 acres to the current 86.35 acre permit area; 18.94 acres north and south of the West and East Lakes and 2.31 acres to include the old asphalt plant area surrounded by Lake Marjorie. The Operator was required to amend the permit after the Mined Land Reclamation Board determined the areas were disturbed by mining activity by the Operator. The 13.20 acre parcel located north of the West and East Lakes includes the current asphalt and concrete plants and material stockpiles. The area is zoned for industrial use, will not be mined and will remain for industrial use following reclamation of the remainder of the permit area. The 5.74 acre parcel located south of the East and West Lakes is vacant land owner by the Operator and will be mined to expand the lakes to the south. The amendment application revises the mining sequence to allow for the East Lake to be mined prior to the completion of mining the West Lake. The Applicant revised the Mining Timetable to reflect the change to the Mine Plan. The currently approved seed mixture will be used to reclaim the amendment areas requiring revegetation. The amendment application address the south portion of Lake Robert, which was breached by a flood event and partially backfilled by the flood. The Applicant proposes to leave the backfilled areas as a flood channel with no additional reclamation. All aspects of the proposed permit amendment were accurately described by the Applicant based on the observations from this inspection.

The site was active during the inspection. Stockpiled materials were being hauled off site. The dredge and processing plant were observed, however the mining operation was suspended due to winter conditions. The site is campaign mined to produce an 80,000 ton stockpile, which is used as needed to produce the final products.

Photographs taken during the inspection and an inspection map are attached.

PHOTOGRAPHS



Riverside Pit #1 mine sign



Amendment (AM-02) application notice sign



View of amendment area north of the West Lake from the southeast corner looking west



View of amendment area north of the West Lake from the southeast corner looking northwest



View of amendment area north of the West Lake from the southeast corner looking north



View of amendment area south of the West Lake from the southwest corner looking east



View of amendment area south of the West Lake from the southwest corner looking southeast



View of amendment area south of the West Lake from the southeast corner looking northwest



View of amendment area north of the West Lake from the northwest corner looking east



View of amendment area north of the West Lake from the northwest corner looking southeast



View of amendment area north of the West Lake from the northwest corner looking south



View of the West Lake from the north end looking south



View of the 80,000 ton product stockpile north of the West Lake



View of the dredge in the East Lake

Inspection Contact Address

Jeff Harms
McAtee Construction Company
P.O. Box 1908
Sterling, CO 80751

Enclosure – Inspection Map

Ec: Michael Cunningham, DRMS