




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: North Bank Resources	MINE/PROSPECTING ID#: M-2006-018	MINERAL: Sand and gravel	COUNTY: Garfield
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: February 14, 2019	INSP. TIME: 10:45
OPERATOR: Oldcastle SW Group, Inc. dba United Companies of Mesa County	OPERATOR REPRESENTATIVE: Jason Burkey	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$231,576.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 28, 2019	

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>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</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>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	

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

OBSERVATIONS

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety (Division) normal monitoring program. The North Bank Pit is a 112c sand and gravel operation that consists of 237.67 acres. Jason Burkey and Tyra Monger represented the operator and accompanied Amy Yeldell of the Division on the inspection. This pit is a part of the United Rifle Pit Complex.

Mining in Cell B has concluded and this area is in final reclamation (see photos one and two). This area has been graded to a 3H:1V slope or less. Seeding has occurred however desirable vegetation at the required densities has yet to establish. Even though vegetation was dormant large amounts of dead Kochia plant matter (skeletons) were observed in addition to other noxious weed skeletons. There appeared to be limited undergrowth of grasses. Ms. Monger stated that the cottonwood stakes appeared to take hold last fall and should be resilient this spring. Vegetation success cannot be fully evaluated until spring/summer when it is no longer dormant.

Mining is occurring in Cell A (the eastern half of the permit). The eastern portion of Mine Cell A consists of an excavated pit and a stockpile storage area (photo three). This disturbed area is estimated to be approximately 25 acres. Stockpile storage is primarily on the northern half. This area appears to have been minimally excavated (no more than 10 feet beyond topsoil salvage) and will most likely be above the groundwater table once pumping ceases. The southern half is a dewatered pit that is approximately 20 ft. deep with perimeter highwalls that are sloped 1H:1V (photo four). There is a gas pad in the southeastern most corner of Mine Cell A. Adjacent to the pad is a fuel tank in a secondary containment and the dewatering pump.

The western portion of Mine Cell A serves more as a storage area. Processed material is stockpiled prior to being transported via the conveyor to the Mamm Creek Sand and Gravel Pit (M-2000-113) for sales (photo five). There is a small excavated pond on the southeastern side of this mining area. The northwestern area has an excavated highwall to increase floor storage space. Excavations in this area are above the water table. Topsoil and overburden are stored on the north bluff in both sections of Mine Cell A.

Overall the operations foot print remains that similar to the last inspection and appears that the pit has just been mined deeper. The site was inactive at the time of the inspection however hauling out of existing stockpiles periodically is likely.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. All stockpiles appear to be stable and free of visible erosion. The operator is encouraged to more aggressively manage annual and noxious weed species to increase reclamation success.

The Division currently holds a financial warranty amount of \$231,576 for this site. In an effort to ensure the Financial Warranty adequately reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division has updated the reclamation cost estimate and found it to be sufficient.

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

Inspection Contact Address

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Enclosure

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PHOTOGRAPHS



