




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: C & D Farms No. 2	MINE/PROSPECTING ID#: M-1999-043	MINERAL: Sand and gravel	COUNTY: Lincoln
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: August 23, 2017	INSP. TIME: 9:12
OPERATOR: Lincoln County	OPERATOR REPRESENTATIVE: Trey James	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 29, 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>NA</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>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>N</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>Y</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</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 as part of the regular monitoring program. The Permittee (Lincoln County) was represented by Mr. Trey James during the inspection. The C & D Farms No. 2 Pit is accessed from Lincoln Co Rd 46 and is located approximately 13.5 miles north of I-70 and approximately 3.5 miles east of Arriba. This is a 110c sand and gravel mine. It was not operating at the time of the inspection.

Availability of Records: Annual fees are paid through May 2017. The previous inspection was on July 15, 2013. The approved post-mine land use is rangeland. There are no open infractions.

Backfilling and Grading: The approved plan is to mine the bed and banks of the Arikaree River (see **Photo 1**) with the concept that occasional flows will replenish the mined material.

Complete Inspection: The entire permit area was inspected. No problems were observed during the inspection.

Fish and Wildlife: No wildlife impacts were observed.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. Google Earth was used to measure the disturbed area, which was estimated to be less than 4 acres (based on 6/9/2014 satellite imagery).

Off-site Damage: The operation appeared to be confined to the permit boundary, based on Google Earth review.

Processing Waste: No processing waste was observed. Mr. James indicated material is used as excavated.

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite.

Reclamation Success: No reclamation has been initiated.

Revegetation: No revegetation efforts have been initiated. No noxious weeds were observed.

Sediment Control: Some erosion rills were observed (see **Photo 2**), however no BMPs appeared necessary at the time of the inspection.

Support Facilities On-site: No support facilities or equipment were observed on site.

Signs and Markers: The permit sign was properly posted (see **Photo 3**) and boundary markers were observed to delineate the permit boundary (see **Photo 4**).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills were observed. Mr. James emailed the DRMS the day after the inspection stating the stormwater management plan is kept in office in Hugo.

Topsoil: No topsoil is stripped as the creek bottom is what is mined.

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Arikaree River bottom (right) and material stockpile (left) (looking west).
Arrow shows river flow direction

PHOTOGRAPHS (cont.)



Photo 2. Erosion rills – south side (material stockpile beyond – looking west).



Photo 3. Permit sign.

PHOTOGRAPHS (cont.)



Photo 4. Typical permit boundary marker (NW corner, looking SE).

Inspection Contact Address

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CC: DRMS file