




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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: Baculite Mesa Pit	MINE/PROSPECTING ID#: M-1997-011	MINERAL: Sand and gravel	COUNTY: Pueblo
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: November 15, 2013	INSP. TIME: 13:50
OPERATOR: Baculite Mesa, LLC	OPERATOR REPRESENTATIVE: Joe Gagliano	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$60,000.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Windy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 25, 2014

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>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</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>Y</u>	(SB) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</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. Mr. Joe Gagliano was present to represent the Operator during this inspection. This is a 112c sand and gravel mine.

The active portion of the Baculite Mesa Pit is located approximately seven miles northeast of Pueblo off Baculite Mesa Rd.

Inspection:

The site was not operating at the time of the inspection. A permit sign was displayed at the site entrance (see **Photo 1**). The active portion boundary was marked with T-posts (see **Photos 2 and 3**).

The highwall varied in height from about 8 feet (in the southeast) to over 30 feet in the southwest (see **Photo 4**). The excavation appeared to be proceeding in the south and west direction. Portions of the highwall exhibited considerable erosion (see **Photo 5**). However, eroded material settles out on the pit floor and did not appear to leave the site. For this reason, the eroded highwall was not cited as a problem.

No distinction has been made between vegetative media for reclamation and backfill material. Material for both was observed stockpiled at the top of the highwall (see **Photos 2 and 6**). The only mine related equipment observed were a truck scales and scale house (see **Photo 7**). A small area on the north end of the pit has been seeded and shows some vegetation (see **Photo 8**).

Records:

- The total permitted area is 1,970 acres with a maximum allowed disturbed area of 40 acres. The 2013 annual report indicated 18.25 acres had been disturbed.
- The previous inspection was performed on 8/7/2008. No problems were cited.
- The anniversary date is July 9. Annual reports are current through 2013; annual fees are current through 2014. The Operator has promised the 2014 annual report will be submitted the first week of August 2014.
- The post-mine land use is rangeland.

Current Stipulations:

- None.

Bond:

The DRMS has a \$60,000 financial warranty (cash bond) for the site. The bond is considered adequate for the current disturbance.

Summary and Recommendations:

1. Mining and reclamation appeared to be proceeding in accordance with approved plans.
2. No problems were observed.

PHOTOGRAPHS



Photo 1. Permit Sign (at entrance).



Photo 2. T-post marking phased boundary & backfill material (above highwall, looking SE).

PHOTOGRAPHS (cont.)

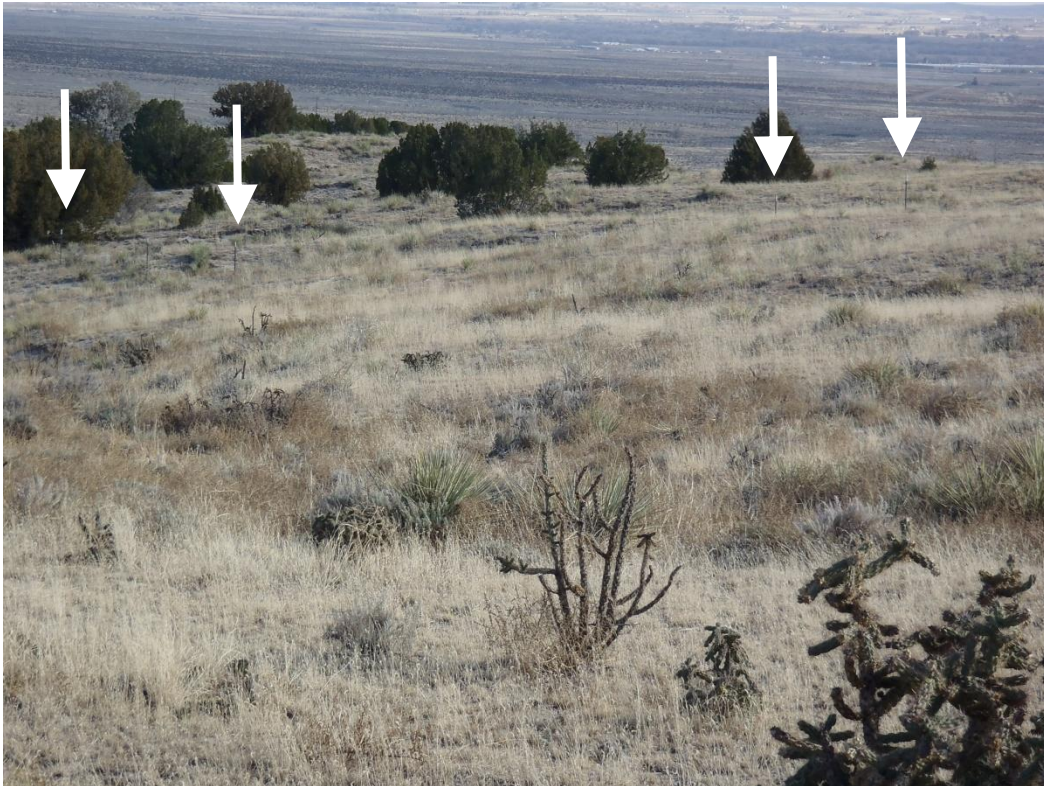


Photo 3. Additional boundary-marking T-posts (south side).



Photo 4. Highwall – tallest portion (looking SW).

PHOTOGRAPHS (cont.)



Photo 5. Eroding highwall (looking WSW)



Photo 6. Vegetative media for reclamation and backfill material (west side, looking north).

PHOTOGRAPHS (cont.)



Photo 7. Truck scales and scale house (looking NNE).



Photo 8. Small area in process of reclamation (north side, looking north).

Inspection Contact Address

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DRMS file
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