




**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.

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| MINE NAME: Benson Brothers Pig Mesa Pit | MINE/PROSPECTING ID#: M-2004-084 | MINERAL: Sand and gravel | COUNTY: Delta |
| INSPECTION TYPE: Monitoring | INSPECTOR(S): Dustin M. Czapla | INSP. DATE: May 1, 2013 | INSP. TIME: 09:30 |
| OPERATOR: Benson Brothers | OPERATOR REPRESENTATIVE: Hans Benson | TYPE OF OPERATION: 112c - Construction Regular Operation | |

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| REASON FOR INSPECTION: Normal I&E Program | BOND CALCULATION TYPE: Complete Bond | BOND AMOUNT: \$83,730.00 |
| DATE OF COMPLAINT: NA | POST INSP. CONTACTS: None | JOINT INSP. AGENCY: None |
| WEATHER: Cloudy | INSPECTOR'S SIGNATURE:  | SIGNATURE DATE: May 3, 2013 |

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.

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| (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>N</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>N</u> | (RV) REVEGETATION---- <u>N</u> |
| (SM) SIGNS AND MARKERS----- <u>Y</u> | (SP) STORM WATER MGT PLAN---- <u>N</u> | (SB) COMPLETE INSP---- <u>Y</u> |
| (ES) OVERBURDEN/DEV. WASTE----- <u>NA</u> | (SC) EROSION/SEDIMENTATION--- <u>Y</u> | (RS) RECL PLAN/COMP-- <u>N</u> |
| (AT) ACID OR TOXIC MATERIALS----- <u>NA</u> | (OD) OFF-SITE DAMAGE----- <u>NA</u> | (ST) STIPULATIONS----- <u>NA</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 Division of Reclamation, Mining and Safety's (Division) normal monitoring program. Hans Benson, representing the Operator, was present during this inspection. Photographs are included with this report in order to illustrate some of the conditions observed.

The Pig Mesa Pit is located just west of Corey and accessed from J 25 Dr. The site is a 112c operation that includes a total of 39 permitted acres. The Division currently holds a financial warranty amount of \$83,730.00 for this site. The Division will review the reclamation costs in order to ensure the financial warranty reflects the actual current cost of fulfilling the requirements of the Reclamation Plan. The Operator will be notified under separate cover if the Division determines that the current financial warranty amount is insufficient.

Adequate mine identification signage was noted at the entrance to the site.

The affected area was marked by posts that were clearly visible and adequate to delineate the affected area boundary.

This is an active site. Mining commenced in the northeast part of the permit area and is progressing to the south and west. There is a near vertical highwall with the rim located approximately 15 feet inside the east permit boundary. The operator has begun to place material at the base of the highwall for backfilling. The remainder of the pit highwall, to the south and west, are far enough away from the permit boundary to be cut down to 3H:1V. Topsoil stockpiles were located to the west of the pit. Various materials stockpiles were located on the pit floor.

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to Dustin Czapla at the Division of Reclamation, Mining and Safety, Grand Junction Field Office, 101 South 3rd Street, Room 301, Grand Junction, Colorado 81501, phone number (970) 243-6299.

PHOTOGRAPHS



Figure 1: Asphalt stockpile to be crushed and recycled, located in the northeast part of the pit.



Figure 2: View from the pit floor, toward the southeast highwall.



Figure 3: View from the pit floor, toward the southeast highwall.



Figure 4: View from the southeast pit rim, towards the south and west highwall.



Figure 5: View from the southeast pit rim, towards the west highwall.



Figure 6: View from the south pit rim, towards the north.



Figure 7: View from the south pit rim, towards the north.



Figure 8: Topsoil storage area located on the west side of the pit.

Inspection Contact Address

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