




**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.

<b>MINE NAME:</b> High Mesa Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-2000-067	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Delta
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Stephanie J. Mitchell	<b>INSP. DATE:</b> January 12, 2016	<b>INSP. TIME:</b> 10:15
<b>OPERATOR:</b> Beavers Construction Co./High Mesa Gravel	<b>OPERATOR REPRESENTATIVE:</b> Phil Bouroussa	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$65,790.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> February 22, 2016	

**The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.**

**INSPECTION TOPIC:** Hydrologic Balance

**PROBLEM/POSSIBLE VIOLATION:** Problem: Improper storage and containment of fuels and/or other hazardous materials was present on site.

**CORRECTIVE ACTIONS:** All storage tanks, petroleum and any hazardous materials on site for any period of time shall have appropriate secondary containment. The site will also have to comply with all applicable SPCC requirements. Please supply photo documentation that any fuel or hazardous materials containers are stored properly - including applicable secondary containment structures by the corrective action date. Note that secondary containment structures shall consist of an impermeable containment which could contain all contents of the tanks and various containers (when full) plus 10% of the total capacity. The operator may also provide photo documentation that all containers have been removed from the site on or before the corrective action date.

**CORRECTIVE ACTION DUE DATE:** 3/23/16

## **OBSERVATIONS**

This was a monitoring inspection of the High Mesa Gravel Pit site, DRMS File No. M-2000-067, operated by Beavers Construction Co./High Mesa Gravel LLC. This site is located approximately 3 miles east of Austin, Colorado in Delta County. I, Stephanie Mitchell of the Colorado Division of Reclamation, Mining and Safety conducted the inspection. Mr. Phil Bouroussa and Lance Gross accompanied me on the inspection.

This is a 112c mining operation for sand and gravel material with a permit area of 56.02 acres. An appropriate mine entrance sign was in place. The affected area was marked by survey stakes that were adequate to delineate the affected area boundary.

Mining is complete and final grading has also been completed. The current approved post mining land use is Wildlife. The Operator had expressed interest in turning the permit area into a subdivision. An amendment to the permit is required to change the post mining land use to Residential and reclamation plan to account for the reclamation proposed, such as leaving permanent roads and a privacy berm. Just to the north, near the current haul road, a large stockpile of topsoil is in place as a privacy berm. This pile had grassy and weedy vegetation established preventing wind and water erosion. The south and east pit slopes has been graded to a 3:1-4:1 slope.

A fuel tank was observed without secondary containment. This is cited as a problem at the beginning of this inspection report.

There were two material stockpiles remaining on the site. The Operator expressed hat he would like to use them for road base once the subdivision is approved and the post mining land use was changed via an amendment with the Division.

Overall, the site appeared to be stable and the mining operation. Noxious weeds have not established extensively throughout the affected land. The Operator will need to monitor these weeds to ensure an infestation does not occur.

Responses to this inspection report should be directed to Stephanie Mitchell 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) 242-5025.

**PHOTOGRAPHS**



Looking to the NW



Pit area- reclaimed



Graded Slope



Fuel inadequately contained



Topsoil Berm





Topsoil Berm



Material Stockpile



Material Stockpile



### GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>PB</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</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>	(SW) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</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>N</u>	(ST) STIPULATIONS----- <u>N</u>

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

#### Inspection Contact Address

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