




**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> Ackerman Pit	<b>MINE/PROSPECTING ID#:</b> M-2019-037	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Cheyenne
<b>INSPECTION TYPE:</b> Monitoring	<b>WEATHER:</b> Clear	<b>INSP. DATE:</b> April 23, 2024	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Cheyenne County	<b>OPERATOR REPRESENTATIVE:</b> Jim Brown	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> N/A County Operation	<b>BOND AMOUNT:</b> N/A County Operation	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Nikie Gagnon	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> June 7, 2024	

**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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</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>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

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

## **OBSERVATIONS**

This inspection was conducted by Nikie Gagnon of the Division of Reclamation, Mining and Safety (Division). Jim Brown representing Cheyenne County (Operator) was present for the inspection. The Ackerman Pitt is located approximately 7 miles northeast of Cheyenne Wells. The site is a 110c sand and gravel operation and the post-mining land use is rangeland. This inspection was carried out as a part of the Division's routine monitoring inspection program. At the time of the inspection, it was clear and warm and the site was dry.

### **Gen. Compliance With Mine Plan:**

The operation consists of a circular mined pit on the western end of the permit area. The slopes have been graded to 3H:1V in this area. Small topsoil/overburden berms were observed pushed along the edge of the disturbance area. The eastern side of the permit area remains undisturbed except for a haul road. No equipment was observed on-site. The Operator indicated that they will reclaim the western side and may mine the eastern side of the permit area in the future.

### **Revegetation**

Sparse vegetation was observed in the western mined area. The Operator will need to scarify the pit before spreading topsoil. The approved plan calls for applying fertilizer or manure prior to seeding. Drill seeding and mulch shall be applied in accordance with the approved reclamation plan. Any soils that have been compacted by equipment should be tilled to break up restrictive layers.

### **Hydrologic Balance:**

No standing water was observed in the pit. A dry creek bed, the Smoky Hill River, runs along the south and west sides of the mining area. No water was observed during the inspection. The Operator indicated the creek was flowing for the first time in years last spring and eroded the crossing at the entrance to the pit. The Operator will need to regrade the entrance to allow mining and reclamation equipment to enter the site.

This concludes this inspection report. A subset of the photographs taken during inspection are attached. Please contact Nikie Gagnon (303)866-3567 ext. 8126 or email at [nikie.gagnon@state.co.us](mailto:nikie.gagnon@state.co.us) if you have any questions regarding this report.

## **PHOTOGRAPHS**



Photo 1: View looking northwest across the sloped pit. Little vegetation observed.



Photo 2: View looking northeast from the entrance to the pit. Slopes are graded 3H1:1V or shallower around the pit.





Photo 3: Entrance to the pit. The dry creek that runs around the south and west sides of the pit is marked by the arrow.



Photo 4: View looking down the dry creek bed on the western side of the pit.





Photo 5: Entrance to the pit where the creek eroded the haul road.



Photo 6: Eastern unmined section of the permit area.





Photo 7: Looking east down the haul road that leads to the eastern unmined section of the permit area.



Figure 1: Permit boundary marked by yellow outline. Google Earth imagery from 4/10/2020.

**Inspection Contact Address**

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