



COLORADO


Division of Reclamation,  
Mining and Safety

Department of Natural Resources

## 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> Quagmire Creek	<b>MINE/PROSPECTING ID#:</b> M-1990-047	<b>MINERAL:</b> Gravel	<b>COUNTY:</b> Fremont
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Timothy A. Cazier	<b>INSP. DATE:</b> April 27, 2017	<b>INSP. TIME:</b> 11:40
<b>OPERATOR:</b> Fremont County	<b>OPERATOR REPRESENTATIVE:</b> Sterling Rife	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$0.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> U.S.BLM	<b>JOINT INSP. AGENCY:</b> U.S.BLM	
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> May 4, 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>NA</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>	(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 (Fremont County) was represented by Mr. Sterling Rife. Mr. William Jenkins was also present representing the Bureau of Land Management (BLM). The Quagmire Pit is adjacent to Fremont County Rd 12 about 12 miles north of Cotopaxi. This is a 110c gravel mine. It was not operating at the time of the inspection.

Availability of Records: Annual fees are paid through January 2016. The previous inspection was on March 14, 2013. The approved post-mine land use is wildlife habitat/rangeland. There are no open infractions. As this is a county pit, no financial warranty is required.

Backfilling and Grading: Backfilling and grading has been completed (see **Photo 1**) with the exception of the area around the small material stockpile remaining on the pit floor (see **Photo 2**).

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

Excess Spoil and Dev. Waste: No overburden piles were observed.

Fish and Wildlife: No impacts 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 approximately 3.5 acres (June 15, 2016 satellite imagery).

Off-site Damage: The operation appeared to be confined to the permit boundary.

Processing Waste: No waste piles were observed.

Reclamation Success: With the exception of the remaining material stockpile, the site had been graded to approximately 3H:1V or flatter, topsoil placed, steeper slopes contoured (see **Photo 3**), and seeded (according to Mr. Rife).

Revegetation: No noxious weeds were observed. Some volunteer grasses were observed (see **Photo 3**).

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: None.

Signs and Markers: The permit sign was properly posted (see **Photo 4**).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed.

Topsoil: Topsoil had been spread on the regraded areas.

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

## **PHOTOGRAPHS**



Photo 1. Nearly completed backfilling and grading (looking north).

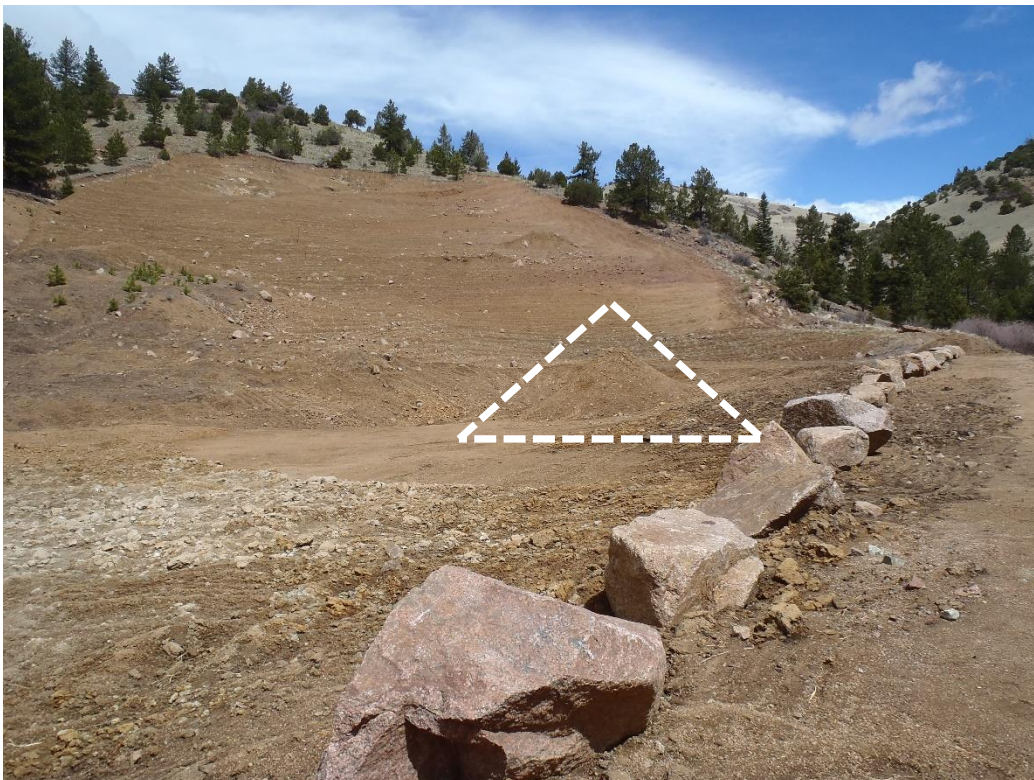


Photo 2. Small material stockpile remaining on the pit floor.



**PHOTOGRAPHS (cont.)**



Photo 3. Typical contoured steeper slopes and volunteer grasses (north end).



Photo 4. Permit sign.

**Inspection Contact Address**

Sterling Rife  
Fremont County  
1170 Red Canyon Road  
Canon City, CO 81212

CC: DRMS file  
Stephanie Carter, BLM