



# 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> Phantom Canyon Pit	<b>MINE/PROSPECTING ID#:</b> M-1994-118	<b>MINERAL:</b> Gravel	<b>COUNTY:</b> Teller
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Timothy Cazier, P.E.	<b>INSP. DATE:</b> June 28, 2022	<b>INSP. TIME:</b> 12:30
<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>	<b>BOND AMOUNT:</b> \$0.00	
<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> October 27, 2022	

### 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>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</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 Tim Cazier (DRMS) as part of the regular monitoring program. The Permittee (Fremont County) was represented by Mr. Sterling Rife during the inspection. The Phantom Canyon Pit is accessed from the Phantom Canyon Road (Co Rd 86) approximately 5.5 miles south of Victor, in Teller County. This is a 110c gravel mine. It was not operating at the time of the inspection.

Availability of Records: Annual reports are current, having been filed through August 2022, stating the last mining activity was October 2012. The previous inspection was on June 11, 2018. The approved post-mine land use is rangeland. There are no open infractions. Both the surface and minerals are managed by the Colorado State Land Board (SLB).

Acid And Toxic Materials: No acid or toxic materials are involved in this operation.

Backfilling and Grading: Backfill material appeared to be available.

Financial Warranty: As the site is permitted by the County, no bond is required.

Fish and Wildlife: No impact to wildlife was 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 1.16 acres, based on 2019 imagery. Highwalls were estimated to vary between 30 and 35 feet in height and appeared stable (see **Photo 1**).

Off-site Damage: The operation appeared to be confined to the permit boundary, based on Google Earth review and site observations.

Processing Waste: No processing waste was observed.

Roads: The site is adjacent to Phantom Canyon Road which is essentially level with the pit floor. As such there is no haul road.

Right of Entry: SLB records indicate the lease expires 9/7/2031.

Reclamation Success: No reclamation has been initiated.

Revegetation: No noxious weeds were observed.

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

Signs and Markers: The permit sign was properly posted (see **Photo 2**) and boundary marker locations were collected delineating the permit boundary (see **Photo 3** and **Figure 1**).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed. Stormwater drains to the pit and infiltrates.

Topsoil: A topsoil stockpile is in the southwest corner of the pit and labeled as such (see **Photo 4**).

Post Inspection Meeting: No concerns or problems were observed.

Please contact Tim Cazier (303)328-5229 or email at [tim.cazier@state.co.us](mailto:tim.cazier@state.co.us) if you have any questions regarding this report.

### **PHOTOGRAPHS**



Photo 1. Active highwall (looking SE from site entrance).



**PHOTOGRAPHS (cont.)**



Photo 2. Permit sign at entrance.



Photo 3. Typical permit boundary marker (western-most corner).



**PHOTOGRAPHS (cont.)**



Photo 4. Topsoil stockpile with sign.

**Inspection Contact Address**

Sterling Rife  
Fremont County  
Road Supervisor  
Canon City, CO 81212

Enclosure – Figure 1


ec: DRMS file  
Ben Teschner, SLB





# Figure 1. M-1994-118 Post 2022 Inspection Map

Satellite Imagery from 10/6/2019  
GPS data collected 6/28/2022 using a Trimble Juno 3B hand held unit

Legend

 M-94-118 AM-1 GPS Boundary

 M-94-118 Disturbed Area (1.16 Ac.)

 Point\_generic (collected 6/28/2022)

