



Minerals 3600 Mine and Reclamation Inspection
U.S. Department of the Interior
Bureau of Land Management
Royal Gorge Field Office



The BLM has conducted an inspection of your operations, which concludes whether the documented operations on file with BLM are compliant or noncompliant. Any non-compliance issues are reported in the Additional Actions Necessary section of this inspection.

Operation Type: ☒ Surface – continual ☐ Surface – intermittent ☐
Underground

Date: Jul 25, 2019 Time: 08:43 Weather: Sunny	Operation Name: Red Canyon Case Number: CDRMS #:
Attendees BLM: S. Carter Operator(s): D. Bieber, W. Stoughton Other(s):	General Operation(s) are in compliance with documentation on file <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Operation(s) and disturbance on-site coincide with the operations and access on file <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Inspection Purpose: ☐ Pre-Operations ☒ General ☐ Final ☐ Trespass ☐ Complaint

Inspection Items	Compliant	Non-Compliant	N/A
1. Method of Operations			
Hardrock Quarry, Pit, Other			
a. Hardrock Quarry <ul style="list-style-type: none">Operations EquipmentProcessing EquipmentBlasting <input type="checkbox"/> Internal <input checked="" type="checkbox"/> ExternalInterim BenchesFinal BenchesWorking Floor	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
b. Pit <ul style="list-style-type: none">Operations EquipmentProcessing EquipmentSlopes	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
c. Other <ul style="list-style-type: none">Operations EquipmentProcessing Equipment	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2. Site Conditions			
a. Material/Waste Rock Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Erosion & Stormwater Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Man-made Structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Weed Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Safety Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

f. Interim Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Inspection Items	Compliant	Non-Compliant	N/A
3. Housekeeping			
a. Container Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Spills/Leaks Observed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Hazardous Substances/POL Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. General Housekeeping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Access			
a. Road Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Berms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Signage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Surface Water Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Quality Assurance/Quality Control			
a. Routine Site Conditions Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Air, Water, Noise, Other Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Monitoring Reporting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Regulatory Submittals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Other Agency/Entity Permits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Final Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. Exploration/Sampling Location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Access Roads/Trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Removal of Structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Free of Trash	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Actions Necessary
Non-Compliance Issues to be addressed by Operator
<ul style="list-style-type: none"> Because of recent storms, more rilling then normal. All erosive material and stormwater flows to the main operating floor. When settling pond dries out, will need to clean out. The last time it was cleaned out was in 2017. Went through updates needed on SWMP map. Have 2 outfalls at the site, which are required to be monitored on a quarterly basis (following events) under COG-501747. Wayne records sample anytime there is a discharge. Bench 3/4 has lots of water and activity. Bench 5 is against the highwall. Bench 6 is drained b/c going to have a new shot soon. Battery storage practices for recycler pickup has changed. They are now stored inside the generator building on a pallet, which keeps them out of the elements. When we went in to get a picture there were none being stored at the current time.

Final Notes
General Comments: Not all items were inspected during this site visit, as noted by blue line.
Proprietary Information: none
Date inspection shared with CDRMS: 01/23/2020
Date inspection shared with Operator: 01/23/2020

Images

Image 1:



Comment: Overall map with outfalls

Image 2:



Comment: Water flow on southern end of floor.

Images

Image 3:



Comment: Rilling from recent storm events.

Image 4:



Comment: Outfall 001A.

Images

Image 5:



Comment: Working in drainage to install 3 culverts. Being done under a Corps Nationwide permit.

Image 6:



Comment: Stormwater flow currently from lowest bench to the floor, then to Outfall 001A.

Images

Image 7:



Comment: 300' culvert (max. Allowed under the Nationwide) being installed to allow for new haul traffic pattern for trucks needing to access base piles.

Image 8:



Comment: Interim bench reclamation.

Images

Image 9:



Comment: End of culvert install.

Image 10:



Comment: Outfall 002A POC