



## COLORADO

Division of Reclamation,  
Mining and Safety

Department of Natural Resources  
1313 Sherman Street, Room 215  
Denver, Colorado 80203

March 11, 2019

Jim Reed  
2nd Generation Mining, LLC  
14454 Cottage Grove  
Baxter, MN 56425

**RE: Adequacy Review, 110(1) Hardrock Application  
JJ Collecting Project #1, File No. M-2018-064**

Dear Mr. Reed,

The Division of Reclamation, Mining, and Safety (Division) has reviewed the content of your 110(1) Limited Impact Operation Reclamation Permit Application for the JJ Collecting Project #1, File No. M-2018-064, and submits the following comments. **The Division is required to make an approval or denial decision no later than March 21, 2018; therefore, a response to the following adequacy review concerns should be submitted to the Division as soon as possible.** In order to allow the Division adequate time to review your responses to the following items, please submit your adequacy responses to the Division no later than three days prior to the decision date. Please respond to this Adequacy Review with the requested information and summarize each response to the numbered items below, in a cover letter titled "Adequacy Review Response; M-2018-064".

The review consisted of comparing the application content with specific requirements of Rules 1, 3, 6.1, 6.2, and 6.3 of the Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal, and Designated Mining Operations. Any inadequacies are identified under the respective exhibit heading.

### **GENERAL APPLICATION PROCEDURES**

1. As required by Rule 1.6.2, please submit proof of publication in a newspaper of general circulation in the locality of the proposed mining operation.
2. As required by Rule 1.6.2, please submit proof of the notice to all owners of record of surface and mineral rights of the affected land and the owners of record of all land surface within 200 feet of the boundary of the affected land. Proof of notice may be return receipts of a Certified Mailing or by proof of personal service.
3. To date, the Division has received comments from the Office of Archaeology and Historical Preservation, Division of Water Resources, and Colorado Parks & Wildlife regarding the application. The letters are attached for your review. Please acknowledge and address any comments noted in the letters and make changes to the application as necessary.



### **6.3 SPECIFIC PERMIT APPLICATION EXHIBIT REQUIREMENTS –110 LIMITED OPERATIONS**

#### **EXHIBIT B - Site Description (Rule 6.3.2)**

4. Within Exhibit B, the Applicant provided a narrative description for each site regarding the vegetation and soils within the proposed permit boundary. The Division requests you submit a Custom Soil Report containing a soil map and applicable soil unit description printouts for the mapped soil types of the proposed operation. Please note, a Soil Report can be obtained from <https://websoilsurvey.sc.egov.usda.gov/> for free. Please delineate the permit boundary on the soil map if you prepare a larger Area of Interest (AOI) in the custom report.
5. Within Exhibit B, the Applicant states there are no permanent man-made structures within 200 feet of the proposed permit boundary, however, after review of the submitted maps, it appears USFS Road 754 and USFS Road 754A are within 200 feet of the permit boundary. Additionally, there may also be a fence line along the Forest Service boundary located south of the proposed operation. Please revise Exhibit B to identify all permanent man-made structures within 200 feet of the permit boundary as required by Rule 6.3.2(b).

#### **EXHIBIT C - Mining Plan (Rule 6.3.3)**

6. Within Exhibit C, under the heading 6.3.3(1)(c), the Applicant discusses overburden will be stockpiled near the excavations, but growth media (topsoil) will not be salvaged from the area where overburden will be stockpiled. Please discuss what means of de-compaction (ripping, tilling, discing, raking, etc.) will be implemented prior to re-seeding the disturbed area where the overburden stockpiles are located.
7. Within Exhibit C, under the heading 6.3.3(1)(d), the Applicant states the maximum depth will not exceed 30 feet, however, elsewhere in the application the Applicant states the maximum depth is 20 feet. Please revise the application accordingly to correct this discrepancy.
8. The Division has calculated the total required financial warranty for the site to be \$5,050.00. A copy of the reclamation cost summary is attached for the Applicant's review. The Forest Service has been provided a copy of this estimate to review it for sufficiency. At this time, upon approval of the application, the required financial warranty for the site will be set at \$5,050.00; please contact me prior to the decision date to discuss any questions regarding the cost estimate or if you identify any errors with this calculation.

#### **EXHIBIT E – Maps (Rule 6.3.5)**

9. Please revise the permit boundaries depicted on the 6.3.5(3) Exhibit E - Reclamation Plan Map to include the access trails into each site.

#### **EXHIBIT I - Proof of Filing with County Clerk (Rule 6.3.9)**

10. Any changes or additions to the application on file with the Division, must also be reflected in the public review copy. Please submit proof that the public review copy has been updated or a copy of the response to this adequacy letter has been added to it.

**EXHIBIT L - Permanent Man-Made Structures (Rule 6.3.12)**

11. USFS Road 754 and USFS Road 754A appear to be within 200 feet of the proposed permit boundary. As required by Rule 6.3.12, please submit a structure agreement executed between the Applicant and the USFS. Please also comply with Rule 6.3.12 if there is a fence within 200 feet of the proposed permit boundary along the Forest Service/private parcel boundary.

If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8132**, or by email at [elliott.russell@state.co.us](mailto:elliott.russell@state.co.us).

Sincerely,



Elliott R. Russell  
Environmental Protection Specialist

Attachment: Reclamation Cost Estimate M2018064  
DWR comment letter M2018064  
CPW comment letter M2018064  
OAHP comment letter M2018064

cc: Jim Reed, [mac.reed@icloud.com](mailto:mac.reed@icloud.com)  
Jeff Schimel, [jschimel@ualberta.ca](mailto:jschimel@ualberta.ca)  
Michael Cunningham with DRMS