



COLORADO
**Division of Reclamation,
Mining and Safety**
Department of Natural Resources

1313 Sherman St. Room 215
Denver, CO 80203

June 4, 2020

Kyle Erdmann
Ouray Silver Mines Inc.
1900 Main St, Unit 1
PO Box 564
Ouray, CO 81427

Re: OSMI Bluegrass Drill Program, File No. P-2020-006, Adequacy Review

Dear Mr. Erdmann:

The Division of Reclamation, Mining and Safety (Division) is in the process of reviewing the above referenced Notice of Intent to Conduct Prospecting Operations in order to ensure that it adequately satisfies the requirements of the Colorado Mined Land Reclamation Act (Act) and the associated Minerals Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal and Designated Mining Operations (Rules). During the review of the material submitted, the Division determined that the following items must be adequately addressed before a decision can be rendered on the application.

1. *Application Section III, Item 5 “Describe proposed surface excavation or other land disturbance, including roads, pits, trenches waste piles, drill pads and collar areas of underground workings, ponds, Etc.*

Please provide a more detailed narrative discussing the location of the drill holes on the pad, details regarding the location of the mud pit, location of the topsoil stockpile and any storm water control structures to be constructed such as a perimeter berm or sediment traps Pursuant to Rule 5.1.2(f). Please also provide a detailed map of the disturbed area including but not limited to the above features Pursuant to Rule 5.1.2(d)(v)(A).

2. *Application Section III, Item 5, f “Indicate Chemicals and Fuels to be used or stored on site. List type, quantity and method to store”*

Please provide a detailed narrative describing the estimated quantity of diesel fuel and drill lubricants to be stored on site. Please also include details and any required figures or drawings to demonstrate that the associated secondary containment structure will have sufficient capacity to contain the total volume of any fluids stored within the structure plus ten (10)%.

3. *Application Section IV, Item 4 “Describe how drill holes will be plugged (refer to Rule 5.4 of the Rules for required abandonment procedures)”*



Please provide a detailed narrative describing how the drill holes will be plugged in accordance with the applicable section of Rule 5.4.2 (enclosed). If necessary please provide a cross sectional figure showing the elements included in the plugging of the drill holes. Details should include but are not limited to the use of a bridge plug, depth to bridge plug, depth and volume of concrete required, disposal of any cuttings down-hole, permanent capping methods, ETC.

4. *Application Section IV, Item 5 “Describe how portals, adits, shafts, ponds, excavations or other disturbances will be reclaimed (refer to Rule 3 and Rule 5 for specific performance standards)”*

Please provide details on how the proposed mud pit will be reclaimed including backfill volumes and necessary equipment associated with the task. Also in conjunction with Item 1 of this review, please address the reclamation of any Stormwater control features to be constructed on site including what equipment will be required Pursuant to Rule 5.1.2(g).

5. *Application Section IV, Item 7, A. “List the seed mixture to be used in the re-establishment of vegetation.”*

While a seed mix was included, the Division recommends a seed mix contain more of a variety of species to provide for the greatest probability of success in plant establishment and vegetation development pursuant to Rule 3.1.10 (4). The Division recommends including four (4) or more species depending on elevation of the site. Please see the enclosed recommended seed mix for the Alpine Zone. Please review these recommendations and update the seed mix accordingly.

6. *Application Section IV, Item 7, B “Describe the method for seed bed preparation, and application method for grass/forb seeding.”*

Please provide more details regarding the methods of seed bed preparation such as hand raking or mechanical ripping. Please also include details of the method of mulching to be used including application rate and method as well as any methods of weed control to be used on site pursuant to Rules 3.1.10 (5) and (6).

Please submit your responses to the above listed items by Monday June 22, 2020 in order to allow the Division sufficient time for review. The Division will continue to review your application and will contact you if additional information or clarification is needed. If you have any questions or require additional information please feel free to contact me at the Division’s Grand Junction Field Office, by phone at 303-866-3567 Ext. 8187 or by email at lucas.west@state.co.us.

Sincerely,



Lucas J. West
Environmental Protection Specialist

Cc: Travis Marshall, Senior Environmental Protection Specialist