



February 22, 2024

Ms. Lori Smith  
Cripple Creek & Victor Gold Mining Company  
P.O. Box 191  
Victor, CO 80860

**RE: Division Adequacy Review No. 2; Technical Revision 141 (TR-141) Grassy Valley Monitoring Well Installation – Phase 1, Permit No. M-1980-244**

Dear Ms. Smith,

On February 14, 2024, the Division of Reclamation, Mining and Safety (Division/DRMS) received your responses to the Division's Adequacy Review No. 1 letter, dated January 23, 2024, for Technical Revision 141 (TR-141). After review of the submission the Division has the following list of items that need to be addressed by the Operator.

1. Provide an explanation why there were no resistivity survey transects performed further down in Grassy Valley as depicted in Figure 1 of the Golder report.
2. The Golder report mentions a seepage collection trench to be constructed along the toe of the ECOSA. The various phases included in the report assume the seep collection trench is installed. Please provide design details of this seep collection trench, otherwise provide a technical justification why this recommendation will not be implemented as a part of this TR.
3. What is the Operators plan for containment of investigational derived waste material that is generated during drilling that may contain low pH water and/or contaminated soils?
4. What size slot screen will be used? While the Golder report includes this information it is unclear how closely the Operator will be following the information contained in it.
5. Will any bulk undisturbed colluvial samples, from depth, be collected for grain size analysis and other geotechnical properties? These properties may assist the Operator in developing extraction wells in the future.
6. The cross-sections given in Attachment 2 does not show a clear distinction between colluvial and bedrock material, is there a way to define the depth to bedrock through the surveys?



7. In the last figure, Attachment 2, there is an area of low resistivity shown in the SE section (800 m) portion of the transect. Why is this section not being investigated further?
8. Revise the last figure of Attachment 2 to project the locations of GVMW-24A/B, OSABH-12 and GVMW-25 on to it.
9. In the original TR-141 submittal, page 6 first paragraph, the Operator states GVMW-35A will be installed within the bedrock to intersect the observable deep low resistivity zone. How will the Operator verify this borehole, and all others, are correctly located in the low resistivity zone?

This concludes the Division's Adequacy Review No. 2 of TR-141. The Division reserves the right to further supplement this document with additional items and/or details as necessary.

The decision date for your application is set for **February 29, 2024.**

If you need additional information or have any questions, please contact me by telephone at **303-866-3567 x8114**, or by email at [patrick.lennberg@state.co.us](mailto:patrick.lennberg@state.co.us).

Sincerely,



Patrick Lennberg  
Environmental Protection Specialist

cc: Katie Blake, CC&V  
Johnna Gonzales, CC&V  
Tony Matarrese, CC&V  
Amy Eschberger, DRMS  
Elliott Russell, DRMS  
Tim Cazier, DRMS  
Nikie Gagnon, DRMS  
Hunter Ridely, DRMS