



State of Utah
Department of
Environmental Quality

Richard W. Sprott
Executive Director

Division of Radiation Control
Dane L. Finerfrock
Director

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

July 22, 2008

Mr. Harold R. Roberts
Executive Vice President – US Operations
Denison Mines (USA) Corp. (DUSA)
1050 17th Street, Ste. 950
Denver, CO 80225

Dear Mr. Roberts:

SUBJECT: July 2, 2008, Cell 4A *Construction Quality Assurance Report*
Findings and Request for Information

We received the subject report on July 7, 2008. We conveyed to you at that time that the as-built drawings for the project had not been submitted. We received hard copies of two as-built drawings by Comanco construction on July 21, 2008. These drawings regard the primary and secondary geomembrane liner, respectively.

We have reviewed the referenced submittals, and have the following comments:

1. As you know, the sandbags covering the strip-drains as originally constructed, do not conform to the plans and specifications. Several emails have been exchanged regarding this problem. On July 16, 2008 you suggested I visit the site to evaluate the field changes that have been made on the sandbag configuration. This should be accomplished on my visit to the site July 23, 2008. Once an approvable configuration is accepted by DRC, it must be submitted as part of the final as-built drawings.
2. In volume II, Appendix F of the report, two repaired areas of the primary geomembrane are shown in the production seam summary log on pages 77/103 and 79/103. However the outcome of these repairs is not clear. Please add verbiage with references to the report text and location on the drawings regarding the outcome of these repairs.
3. The basis of the surveying coordinates (x,y, and z) used to locate repair and other work is not clear. Please add verbiage and show on the drawings the basis of the coordinates. Also, please submit the surveyed coordinates of piping, drains, sumps etc.

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4. Individual extrusion welds on the geomembrane panel bodies for repair of latent damage, wrinkles and folds were made and labeled. Please show the location of these repairs on the Comanco as-built drawings for both the primary and secondary geomembrane.
5. In Appendix B, the sump area drawing on revised sheet 6 of 7 needs to be corrected with respect to the as-built conditions described by paragraph 3.3.1 of the report, which details how the construction was revised.
6. The complete final revised construction drawings need to be included in the report. This will include, but not limited to final construction drawings, sheets 1 thru 7.

Please review the above comments, and submit the requested information. If you have any questions on the above, please contact me.

Sincerely,

David A. Rupp, P.E.
Geotechnical Services Section

DR:dr

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