



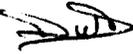
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August 30, 1989

TO: File

From: David Darby 

RE: Five Year Permit Review, Belina Mine, ACT/007/001, Valley Camp of Utah Inc., Carbon County, Utah

Summary

A geologic and ground water completeness review was conducted on Sections 600 and 700 of Valley Camp of Utah's July 31, 1989 submittal. The sections are formatted in accordance with the new regulations yet to be implemented by the Division. This document will identify those materials, data and information still lacking for a complete review. The deficiencies will be outlined using current regulations and cross-referenced to the new regulation as formatted in the Permit Application.

Analysis

UMC 783.25 Cross-Sections, Maps and Plans (R614-301-622.200)

The applicant shall submit an updated mining sequence map which shows the the dates of past mining and projected mining for the next five year permit term.

The applicant should submit the electric logs of boreholes and wells or complete interpretation readings of electric logs.

The applicant should submit a map showing the extent of old and abandon mines in the vicinity of the permit area.

The applicant should summarize ground water parameters for wells, in-mine and spring monitoring sites on graphs to indicate the seasonal variation or changes over the total monitoring period.

The applicant should identify in-mine ground water sources and locations such as fractures, channel sands and roof or floor seepage.

Conclusion

Ground water data should be summarized from the time of initial baseline monitoring to present. This summary will be necessary to evaluate cumulative impacts to the ground water system. Impacts to the ground water system have not been completely addressed in Section 700. More information on subsidence is expected with the submittal of other Permit Application sections. The information requested above addresses that information lacking in Sections 600 and 700 and anticipates deficiencies to identify the subsidence/ground water relationship.

dwd
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cc: B-Team