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# BLACKHAWK ENGINEERING, CO.

Rt. 1, Box 146-H5 - Helper, Utah 84526 - Telephone (801) 637-2422

Mr. Michael Glasson  
Senior Geologist  
Andalex Resources, Inc.  
P.O. Box 902  
Price, Utah 84501

August 28, 1990  
**RECEIVED**  
SEP 07 1990

DIVISION OF  
OIL, GAS & MINING

Re: DOGM Requirements - 7/27/90  
Permanent Impoundment  
Wildcat Loadout Facility

Dear Mr. Glasson:

Per your request, I have re-evaluated the 7/13/90 submittal to DOGM for the permanent impoundment structure at the Wildcat Loadout Facility.

On July 26, 1990, Jeff Emmons wrote a memo to Pamela Grubaugh-Littig, along with a list of recommendations on this proposal. Mr. Emmons has since left the Division, and I have discussed the recommendations with Mr. Tom Munson. At his suggestion, I am providing the following information to address each of Mr. Emmon's recommendations:

- (1) To meet the requirements of Section 733.160, I suggest adding the following to the statement referred to on Page 116 - "Complete designs for the enlargement of the impoundment will be submitted with the last permit renewal application prior to reclamation."
- (2) The curve number of 65 was selected for the undisturbed area based on field observations and subsequent discussions with Mr. Tom Munson back in January of this year. This number was found to be realistic and acceptable at that time; therefore, I do not recommend any changes be made. I do suggest adding the statement on field observation to Page 97 (enclosed);
- (3) I checked the volumes of the proposed impoundments, and I must agree that my previous number of 0.89 acre feet appears high. My figures from the latest check agree with Mr. Emmons at approximately 0.75 acre feet. It should be noted that if the curve number of 65 is used, the required pond volume is only 0.70 acre feet; therefore, the proposed ponds are still adequate.

In summary, I tend to agree with Mr. Emmon's analyses and recommendations, with the exception of the curve number. I have provided marked-up copies of those sheets that require minor changes or additions to meet the recommendations. I hope this information will clarify the areas of concern and help expedite this approval.

As always, if you have any questions, or need any further information to support this proposal, please let me know.

Respectfully,

A handwritten signature in cursive script that reads "Dan W. Guy". The signature is written in dark ink and is positioned above the typed name.

Dan W. Guy, P.E.  
President