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ANDALEX
RESOURCES, INC.
Tower Division

JUL 13 1990
DIVISION
GAS & MINING
PRICE, UTAH

July 13, 1990

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Pam Littig
Permit Supervisor

Re: ACT 007/033

Dear Ms. Littig:

Enclosed are two copies each of Andalex's response to your letter of June 19, 1990. Included with the response are revised plates 1, 2, 8, 9 and 15 and new plate 18. Also included are revised text pages 110, 110A, 111, 111A, 112, 113, 114, 115, 116, 116A, 129, 129A, 136 and 138.

In addition we offer the following further explanations of the response:

1. Existing Permanent Impoundment

- a. Surveyed volume calculations are provided on Plate 18 and Table IV-7A.
- b. Certified map and cross sections of impoundment are on Plate 18.
- c. Spillway design is provided on Plate 18 and Table IV-7B. Also see Section 4.1 of the MRP for discussion.

2. Depression Area

- a. A five foot high berm will be built in the area to provide additional storage capacity and protection for the stoker pile in the event of an overflow from the permanent impoundment. Details of the depression area are shown on Plate 18 and Tables IV-7A and IV-7B.
- b. Certified map and cross section of new berm and containment area are on Plate 18.
- c. Spillway details are shown on Plate 18 and Table IV-7B. Also see Section 4.1 of the MRP for discussion.



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3. Upper Diversion

- a. To re-establish the drainage pattern of the upper side drainage intercepted by UD-1, a berm will be constructed to direct the drainage. Details of the berm are shown on Figure IV-1A. Discussion is under Section 4.1 of the MRP.
- b. The plan commits to the use of additional control measure approved by the Division if erosion becomes apparent on the upstream face of the berm.

4. Lower Diversion

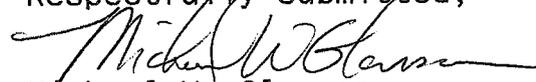
- a. The natural drainage ditch blocked by UD-1 (near the midsection) will also be re-established. Details of the channel are shown on Figure IV-1B. Discussion is under Section 4.1 of the MRP.

5. Reclamation Plans

- a. The portion of UD-1 to remain as a permanent diversion, following final reclamation, is shown on Plate 15.
- b. The immediate reclamation plans for the areas of UD-1 disturbed through reconstruction of the natural drainage are as follows:
 1. To re-establish the natural drainage as described above;
 2. To re-seed the disturbed areas using the approved seed mix and methodology described in the MRP.
 3. The impoundment created in the depression area will be reclaimed by removal of the berm, and spreading of the berm material. The area will be graded to the contours shown on Plate 15, and re-seeded according to the approved plan.

Each of the above reclamation plans are also discussed under Section 4.1 of the MRP.

Respectfully submitted,


Michael W. Glasson
Senior Geologist

MWG/nc
ENCLOSURE