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STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

PRO/007/033#3

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 15, 1987

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

Dear Mr. Glasson:

Re: Conditional Approval of PAP Amendment, Sediment Pond Inspection Frequency Change, Andalex Resources, Inc., Wildcat Loadout Facility, PRO/007/033-87A, Folder #3, Carbon County, Utah

The Division has completed its review of your September 21, 1987 deficiency response. Andalex has elected to change the type of erosion protection measures to be implemented for the sediment pond inlets at the Wildcat Loadout facility.

The latest proposal has been determined adequate for approval, provided the operator incorporates the installation conditions as outlined in the attached technical review memorandum. Upon notification that the erosion control measures have been implemented onsite, a field inspection will be performed. A final approval for the requested change in pond inspection frequency will be provided to Andalex upon successful implementation of the erosion correction measures and corresponding conditions.

Implementation of the attached conditions must be completed on or before November 6, 1987. The installation recommendations must be adhered to unless otherwise approved by the Division. Thank you for your cooperation in completing this permitting action. Please contact James Fricke, Division Hydrologist, should you have any questions concerning the technical requirements of this review.

Sincerely,

D. Wayne Hedberg  
Data Management Coordinator

djh

Attachment

cc: P. Rutledge      J. Fricke  
    R. Hagen         J. Whitehead

P.F.O.  
8992R-32



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October 5, 1987

TO: John Whitehead, Permit Supervisor

FROM: James R. Fricke, Reclamation Hydrologist *JRF*

RE: Sediment Pond Inspection Amendment, Andalex Resources,  
Wildcat Loadout, ACT/007/033-87A, Folder #2, Carbon County,  
Utah

The operator has submitted a third response to amend the sediment pond inspection from weekly to quarterly frequency. The Division has requested that the pond inlets be protected for erosion before the amendment is approved.

Previously, the operator intended to utilize "boney" as riprap protection on the pond inlets. The operator has opted to use 24 inch half-round culvert as pond inlet protection. This reviewer finds this an acceptable methodology; however, the written description of the half-round installation is not adequate.

Division inspector Bill Malencik has noted erosion problems that may occur at the inlet ditch/half-round culvert transition. Erosion protection should be provided at all transition areas. A riprap keyway must be installed perpendicular to all inlet aprons. The keyway must be 24 inches deep, 24 inches wide, and extend into the ditch banks. A granular filter blanket of two-inch minus gravel road base, six inches deep, must be installed in the bottom of the keyway. Six-inch median diameter well-graded durable riprap should be placed over the granular filter to the level of the ditch and culvert apron.

djh  
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