



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
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January 5, 1988

Mr. Sam Quigley
Andalex Resources, Inc.
P.O. Box 902
Price, UT 84501

Dear Mr. Quigley:

RE: Sediment Pond Waste Analysis, December 21, 1987 Response,
Centennial Project, Andalex Resources, Inc., ACT/007/019, Folder
No. 2, Carbon County, Utah

The Division has reviewed the analysis of the waste material from Sediment Pond B. The response has been found to be not adequate in determining the physical and chemical characteristics of the waste material. The attached review document outlines information that is still required to be submitted by Andalex Resources, Inc.

Thank you for your cooperation on this matter. Please contact James Leatherwood or myself if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Susan C. Linner".

Susan C. Linner
Reclamation Biologist/
Permit Supervisor

jr
Attachment
cc: D. Darby
R. Harden
J. Leatherwood
0028R/50

January 5, 1988

TO: Memo to File

FROM: James Leatherwood, Reclamation Soils Specialist *JL*

RE: Sediment Pond Waste Analysis, December 21, 1987 Response, Centennial Project, Andalex Resources, Inc., ACT/007/019, Folder No. 2, Carbon County, Utah

Summary:

The outstanding information required to determine the acid- or toxic-forming nature of the sediment material has been reviewed. The sample material and location site for the percent coal fine analysis is questionable. According to the submitted report dated December 18, 1987 from Commercial Testing and Engineering Company, the sample material is coal and the sample location is the Wildcat Loadout. This sample location is not acceptable. The sample must represent the sediment material in the "B" sediment pond at the Centennial Project mine site. The percent combustion value of 26.46% is also questionable when the sample is identified as coal.

The remaining analysis indicates that the tested material is not acid- or toxic-forming. The information does indicate, however, that the material would be considered poor as a vegetative growth medium.

Recommendation

1. The percent coal analysis should be reanalyzed using a representative sample from Sediment Pond "B" at the Centennial Project mine site.
2. Due to the poor vegetative growth medium characteristics of the material, the sediment should be utilized as a fill material to be covered with

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topsoil for vegetative growth. The volume, cross sections and other pertinent requirements outlined in the December 23, 1987 deficiency letter must be completely and adequately addressed prior to development waste disposal approval.

jr
cc: D. Darby
 R. Harden
 S. Linner
1342R/15:16