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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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September 13, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Tom Munson, Sr. Reclamation Hydrologist *TM*

RE: Permanent Impoundment, Andalex Resources, Inc., Wildcat Loadout and Coal Processing Facility, ACT/007/033-90A, Folder #2, Carbon County, Utah

## Synopsis

The Division received a resubmittal of the designs for the permanent impoundment structure at the Wildcat Loadout Facility based on Division comments sent to the operator on July 26, 1990, by Jeff Emmons, Reclamation Hydrologist. Jeff Emmons has since left the Division and I have taken over the review of this project.

## Analysis

Three issues have been addressed by the operator that are outstanding, based on Jeff Emmons' reviews. The first issue involves submitting designs for reclamation of the permanent impoundment. The operator, to meet the requirements of Section 733.160 has committed to submitting designs for the permanent impoundment during the last permit renewal, prior to reclamation of the site. This will allow the Division adequate time to review these plans.

The second issue was the selection of a curve number of 65 for the undisturbed area. Based on past records of flows in the undisturbed drainage, soil type and actual flow information, a site determination was made to lower the curve number to 65 from 69 based on professional judgment. A record of any discharges correlated to rainfall (a rainfall gage is in operation at the site) will be made.

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The third issue regarding this impoundment is regarding the pond volume. The operator rechecked his calculations and found that indeed the pond volume is approximately .75 acre-feet and no discrepancy exists if the curve number of 65 is used to calculate required volume.

Recommendation

The proposal be approved and the plan be implemented.

djh  
AT