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April 26, 1990

TO: Daron Haddock, Permit Supervisor

FROM: Rick P. Summers, Reclamation Hydrologist 

RE: MRP Amendments: Small Area Exemptions #1 and #2, Design for Culvert CD-3, Plate 8 Correction (riprap channel), Andalex Resources, Inc., Centennial Project, ACT/007/019, Folder #1, Carbon County, Utah

SUMMARY:

The submittal regarding the above referenced items was received by the Division on April 19, 1990. The response was required as the result of recent Ten-Day-Notice concerns following the first quarter OSM oversight inspection.

The operator requested approval under the provisions of UMC 817.42 (b) for two small area exemptions. These areas include the office pad/topsoil stockpile/weather station outslope (area #1) and the substation (area #2). The operator submitted appropriate acreage values, runoff volume calculations, alternative sediment treatment measures and a commitment to monitor the discharge from these sites for TSS and SS (pages 164 and 164a). These areas meet the criteria for approval.

The operator submitted designs for culvert CD-3 (Tables IV-3A and B). It appears that some of the intermediate values for the culvert design (i.e. drainage area) differ from those calculated by the Division. However, the design peak flow of 8.33 cfs (DOGM value) can be safely passed with an 18 inch CMP. An 18 inch CMP under inlet flow control can pass this peak with a headwall value of 1.25. Footnote 4 on page 169-A states that the culvert has a headwall value of 4.0 feet. The culvert is approvable.

The operator has submitted a revised Plate 8 which correctly depicts no riprap in the upper reaches of Diversion DD-3. This revision is approved.

cc: D. Darby
BT6016/42