007/021 #2

November 9, 1987

TO: File

FROM: James S. Leatherwood, Reclamation Soils Specialist

RE: Final Reclamation Soils Analysis and Amendment Plan, North American Equities, Blazon Mine, ACT/007/021, Folder #2, Carbon County, Utah

In accordance to the approved reclamation plan permit, soil samples will be taken and analyzed to evaluate the proper level of fertilizer treatment. On November 2, 1987 (telephone conversation) Mel Coonrod and I discussed concerns to the soil analysis and fertilizer plan. We established a soil analysis and amendment plan based on climatological time constraints with on-going reclamation. Soil samples are to be taken after soil redistribution. The fertilizer is to be distributed at the same time as the arboreal transplanting in the spring.

The approved plan called for the soil to be sampled after soil redistribution. All but 75 percent of the nitrogen was to be applied this fall. The remaining nitrogen fertilizer was to be distributed in the spring. However, due to the length of time required for soil analysis and the potential threat of snowfall, there would be no time to establish an environmentally sound fertilizer plan. If a plan could be established, it would be probable that most of the water soluable nutrients would leach through the soil and pollute Chalk Creek. Vegetation would not establish until the spring of next year. There would be no vegetation to take up the nutrients. Therefore, soil samples will be taken from representative sites (as described in the plan) and analyzed. The Division will work with the operator to establish an effective fertilizer amendment plan to be implemented during the arboreal transplanting the following first spring.

djh
cc: M. Coonrod
A. Smith
S. Linner
1342R/2