September 26, 1986

TO: File

FROM: James Leatherwood, Reclamation Soils Specialist JSL

RE: Stipulation UMC 817.71-(1)-JRH Response dated September 5, 1986, Genwal Coal Company, Crandall Canyon Mine, ACT/015/032, Folder No. 2, Emery County, Utah

The September 5, 1986 stipulations response has been reviewed. The stipulation UMC 817.71-(1)-JRH response is not complete. The following concerns must be addressed prior to stipulation response approval.

UMC 783.21 Soil Resources Information - JSL

The applicant shall provide a soil survey for the area to be disturbed. This survey shall include the soil identification, description, present and potential productivity of existing soils and a map delineating differing soils. All soil sample sites, phases of soil service and inclusion that my detract from purity which is distinctly more limiting for use than the identified soil must be identified in this map.

UMC 817.21(a) Soil: General Requirement - JSL

Prior to the removal of any topsoil, chemical and physical analysis must be determined for the following parameters: pH, electrical conductivity, available phosphorus, calcium carbonate percentage, potassium and texture.

UMC 817.23(b) Topsoil: Storage - JSL

The applicant shall provide detailed plans for topsoil stockpile protection (i.e. berms, seeding, etc.).

UMC 817.25 Topsoil: Nutrients and Soil Amendments - JSL

The applicant shall submit a detailed fertilization program if soil analysis (see comment UMC 817.21(a)-JSL) determines that soil fertilization will need to be incorporated and or applied to the soil to ensure reclamation success. This program must include the N-P-K analysis, rate, method and season of application and equipment to be used.

jvb
cc: R. Harden
S. Linner
0060R-24

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