



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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March 17, 1995

TO: File

TO: Daron Haddock, Permit Supervisor

FROM: Henry Sauer, Senior Reclamation Soils Specialist *HS*

RE: Second Amendment (94G) Review, Overland
Conveyor, Cottonwood Mine, PacifiCorp,
ACT/015/019, Working File, Emery County, Utah #2

SYNOPSIS

The permittee has submitted a response (received on February 2, 1995) to the Division's Technical Review of October 11, 1994. This writer has reviewed the response for technical adequacy. It must be noted that the permittee excised plans for the reclamation of the Cottonwood Fan Portal from this permitting action. Therefore only soil removal, storage and redistribution for the disturbance created by the overland conveyer was considered by this writer.

The forthcoming issue (i.e. stockpile design) must be adequately addressed prior to permit approval.

ANALYSIS

Rule Citation: R645-301-230. [topsoil will] Be protected from wind and water erosion through prompt establishment and maintenance of an effective, quick growing vegetative cover or through other measures approved by the Division;

Findings:

The permittee topsoil stockpile designs for stockpiles A, B and C depict 1.5h:1.0v side slope. These must be decreased to at least 2.0h:1.0v side slopes.

The topsoil stockpiles will be left in a roughened condition and covered with erosion control blanket.

Rule Citation: R645-301-232. All topsoil will be removed as a separate layer from the area to be disturbed, and segregated.



Findings:

The projected area of new disturbance according to the plan is 0.05 acres. The soil series in the projected disturbed area has been mapped within the Reva Series. The permittee states that the A and/or AC horizon of the Reva series will not be salvaged. The permittee proposes to remove the unconsolidated lithologic material underlying the CFP subsoil stockpile and treating this material as topsoil for the reclamation of the Cottonwood Overland Conveyor. The upper portion of the lithologic material has fewer rocks and a slight color variation from material immediately below. These layers will be separately salvage, stockpiled and redistributed. The lithologic material will be separately stockpiled in Stockpile A (lower portion) and C (upper portion). The CFP Subsoil Pile will be separately stockpiled in Stockpile B.

In accordance with R645-301-232.710 the permittee is hereby granted a variance from the provisions of this section. The operator has adequately demonstrated that the removal of the Reva Series A-horizon in a separate layer from this area is impractical because of the slope, rockiness, limited depth of the Reva Series.

The lithologic material underlying the CFP subsoil pile may be removed and segregated, stockpiled, and redistributed as topsoil in accordance with the requirements of R645-301-234 and R645-301-242. This material will be used in the reclamation of the disturbance associated with the Cottonwood Overland Conveyor.

RECOMMENDATION

The permittee must adequately address R645-301-230.

F:COC-2TD