



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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October 27, 1988

TO: Susan C. Linner, Permit Supervisor

FROM: James Leatherwood, Reclamation Soils Specialist 

RE: Potential Topsoil Suitability From Sediment Pond 801A,  
Belina Complex, Valley Camp of Utah, ACT/007/001,  
Folder #2, Carbon County, Utah

## SUMMARY

The request for the Division approval of the sediment removed from sediment pond 001A for substitute topsoil, received October 19, 1988, has been reviewed. The Division cannot make a finding of suitability for the proposed potential topsoil substitute material because of insufficient analysis. The following information must be submitted before the Division can make a determination of suitability for the proposed topsoil substitution material.

## ANALYSIS

The October 19, 1988 submittal requesting the sediment removed from sediment pond 001A has been reviewed. The submitted information was evaluated against Table 2 of the Divisions "Guidelines for Management of Topsoil and Overburden." The following required information was not received: selenium, boron, percent non-sulfate sulfur, availability water capacity and percent rock fragments. The Division must review this information to make an adequate determination of substitute topsoil suitability.

All reported characters, excluding saturation percentage, are considered "good." The saturation percentage is considered "poor." The proposed material was visited during a field site visit October 25, 1988. The soil material seemed to be higher in clay than the submitted analysis had indicated. The material must therefore, be resampled for texture. A final determination will be made by the Division upon receipt for the requested information.

## RECOMMENDATION:

The sediment from Sediment Pond 001A must have the following analysis reported: selenium, boron, percent non-sulfate sulfur, available water capacity, USDA texture, and percent rock fragments.

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