

March 17, 1986

TO: Technical File

FROM: James S. Leatherwood, Reclamation Soils Specialist 

RE: NOV Review N85-2-12-1, Item No. 4, Sediment Pond Soil Substitute Soil Determination, Belina Complex, Valley Camp of Utah, ACT/007/001, Folder No. 3 and 7, Carbon County, Utah

SUMMARY

The applicant has submitted sufficient data for the determination of the sediment pond soil as a potential substitute topsoil. The Division has determined that this material is a suitable substitute topsoil material. This decision is based on Bookcliff laboratories data, submitted March 4, 1986.

BODY

The following parameters were equated to the Division suitability limits for rating topsoil substitutes:

<u>PARAMETER</u>	<u>DATA</u>	<u>DIVISION RATING*</u>
pH	7.9	Fair
	7.8	Good
Texture	S	Good
	SL	Good
Electirical Conductivity	0.95	Good
	2.38	Good
Sodium Adsorption Ratio	0.81	Good
	4.85	Good
Saturation Percentage	3.7	Good
	3.6	Good
Alkalinity	8.2	Good
	2.8	Good

The sediment pond soil material overall rating has been determined good.

\*Table 2, DOGM Guidelines for Management of Topsoil and Overburden.

jvb  
cc: W. Hedberg  
D. Wham  
0437R-17

MRP REVISION/NOV TRACKING FORM  
(Revised: 3/28/85)

8-12-85

Type of Proposal: X COAL        NONCOAL

       Exploration  
X NOV/CO Abatement, NOV # NB5-2-12-1, Abatement Deadline                       
       MRP Revision  
       MRP Amendment

Issuing Inspector Sandy Pruitt

Title of Proposal: Abatement plans to address unpermitted enlargement of sedg. pond.

Company name: Valley Camp of Utah Project/  
Mine Name: Belina Mine / Utah #2 loadout

File # (PRO/ACT): 007/001 Disturbed (Fed/State/Fee):   1  1    
(CEP/EXP) Acres

Assigned Reviewers:	Review Time (hrs):	OTHER AGENCIES: (# of copies & date)
(Hydrology) <u>Dave Hooper</u>	_____	OSM (1) _____
(Wildlife/Veg.) _____	_____	USFS _____
(Engineering) _____	_____	BLM _____
(Soils) _____	_____	Health _____
(Geology) _____	_____	History _____
		H2O Rts _____
		Wildlife _____

DATES:                      USFWS                     

- (partial response)
- (a) Initial Plan Received Aug 15/85  
Tech Review Due Aug 30/85  
Tech Review Complete \_\_\_\_\_  
DOGM Response Sent \_\_\_\_\_
  - (b) Operator Resubmission \_\_\_\_\_  
Tech Review Due \_\_\_\_\_  
Tech Review Complete \_\_\_\_\_  
DOGM Response Sent \_\_\_\_\_
  - (c) Operator Resubmission \_\_\_\_\_  
Tech Review Due \_\_\_\_\_  
Tech Review Complete \_\_\_\_\_  
DOGM Response Sent \_\_\_\_\_
  - (d) Optr. Resubmission \_\_\_\_\_  
Tech Review Due \_\_\_\_\_  
Tech Review Complete \_\_\_\_\_  
DOGM Response Sent \_\_\_\_\_
  - (e) Bond Revised \_\_\_\_\_  
Amount (\$) \_\_\_\_\_
  - (f) Cond'l. Approval \_\_\_\_\_  
Stipulations Due \_\_\_\_\_  
Stips Received \_\_\_\_\_  
Final Approval \_\_\_\_\_
  - (g) MR-9 Received \_\_\_\_\_  
MR-9 Acknowledged \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTE (INSPECTORS): Please attach a copy of the NOV issued to the abatement plan when received from the operator.

NOTE (REVIEWERS): Please prepare review comments in a format referencing the appropriate regulation or statute. State the deficiency as well as the minimum requirement necessary to demonstrate compliance. Fill in the # of hours spent in review by discipline. Return completed form to the Special Permits Supervisor when complete.

- ① Certified As-built design specifications for Sed Pond # 2 which address 817.46 to update MEP info. A survey + map of sed pond <sup>must also be</sup> certified by PE.
- ② Soils analysis to address suitability guidelines for topsoil
- ③ Plan indicate volumes excavated from pond, designate storage site + measures to protect.

Aug 29/85

Drawing # ~~C5-0027~~ to be replaced by Drawing # C4-0060 Rev. # 2 (7 copies sent ?? on Aug 29<sup>th</sup>/85) new Sed Pond # 2

received ~~map~~ <sup>Drawing</sup> # D4-0110 (temp. stockpile location) on Aug ~~28~~ <sup>29</sup>/85

925 cu yds. of material

\* to be transferred upon approval to Belina topsoil stockpile

Sept. 12/85

Not certified !! \* <sup>see</sup> Smedley's Aug 5/85 letter item

(7 copies) drawing # C4-0060, Rev. 1, and B3-0033 showing pond in x-section + provide stage capacity + total storage info.

# 1 ~~certified~~ ~~as built~~ ~~design~~

also (7 copies) Vaughn Hansen supporting calcs.

(7 copies) of soil analysis results

(7 copies) # D4-0110 (storage area removed material)