

0031



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 8, 1985

CERTIFIED RETURN RECEIPT REQUESTED
P 592 429 531

Mr. Trevor Whiteside
Valley Camp of Utah, Inc.
Scofield Route
Helper, Utah 84526

Dear Mr. Whiteside:

RE: Revegetation of Belina Slide Area, Eccles Creek, Belina Mine, ACT/007/001, Folder #3 & 7, Carbon Co. Utah

A field investigation on October 3, 1985 revealed that Valley Camp had not seeded the slide area in Eccles Creek, but had only seeded the channel area. It was also observed that no other stabilization practices for the slide area had been implemented. Division staff was told that Valley Camp had no intentions to do anything with the slide area because they felt it would slide again next year (communication with Mr. Steve Tanner).

It is imperative that the slide area be seeded or otherwise stabilized this fall. To simply "let nature take its course" is not acceptable. After discussing the stabilization problem with Mr. Steve Tanner, the Division will allow an alternate seed mix to be used on the slide area. The seed mix attached was developed considering the characteristics of the species to stabilize steep slopes, shade tolerance, rooting nature, ability to recover after perturbations and moisture and elevational limitations.

Due to the nature of the slide area, the Division will grant a variance to mulching the slide since it is felt that more damage will be done in spreading and anchoring the mulch and in additional moisture retention than from any benefits gained by mulching.

Table 1
 Recommended Seed Mix for Stabilizing
 Slide Area in Eccles Canyon

<u>Grasses</u>	<u>Broadcast Rate</u> <u>Pure Live Seed/Ac.</u>
<u>Agropyron trachycaulum</u> slender wheatgrass	5.0 lbs
<u>Elymus salina</u> Salina wildrye	1.5 lbs
<u>Festuca ovina</u> sheep fescue	1.5 lbs
<u>Forbs</u>	
<u>Medicago sativa</u> alfalfa	2.0 lbs
<u>Melilotus officinalis</u> yellow sweetclover	2.0 lbs
<u>Shrubs</u>	
<u>Amelanchier alnifolia</u> sacatoon serviceberry	2.0 lbs
<u>Mahonia repens</u> Oregon grape	2.0 lbs
<u>Ribes aureum</u> golden currant	1.0 lb
<u>Rosa woodsii</u> woods rose	<u>1.0 lb</u> 18.0 lbs

Mr. Trevor Whiteside
October 7, 1985
Page 2

As you will note from the Division's January 31, 1985 directive, the work must be done by October 20, 1985 to prevent enforcement action.

Should you have any questions, please don't hesitate to call myself or Lynn Kunzler of the Division.

Sincerely,

L.P. Buehler for

D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

LK:lk

cc: Allen Klein
Joe Helfrich
Lynn Kunzler
Susan Linner