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VALLEY CAMP OF UTAH, INC.

Scofield Route
Helper, Utah 84526

27 June 1983

RECEIVED
JUN 29 1983
DIVISION OF
OIL, GAS & MINING

Mr. James W. Smith, Jr.
Coordinator of Mined Land Development
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Belina Road and Sediment
Pond Approval Letter

Dear Mr. Smith:

As part of the Division's conditional approval for paving the Belina mine road and relocation of Sediment Pond No. 3, we were required to conform to requested stipulations as described therein. The following comments are offered in response to those stipulations.

Stipulation 6-17-83-1-RS

The disturbed areas associated with relocation of the sediment pond should not be steeper than 3h:1v, and will be reclaimed by hand broadcasting the seed mixture and burying by hand raking or some other method. Straw mulch will then be either hand distributed or machine blown over these areas at a rate of 25 bales per acre.

The same method of application will be used on areas along the Belina road which are also flatter than 3h:1v.

All areas disturbed in association with these two modifications which exceed 3h:1v in steepness will be hydromulched, using an aspen (or similar) fiber and a starch resin tackifier, applied at a rate of 1500 pounds per acre. With the hydro mulch application, we propose to mix the proposed seed mixture with the mulch and apply it all at once. This practice has proven very satisfactory in the past.

All disturbed areas except those steeper than 1.5h:1v will be re-topsoiled with material salvaged from the disturbances to an average depth of approximately 6 inches (if possible).

On new cut slopes along the Belina road which are steeper than 1.5h:1v, we propose to revegetate without attempting to apply topsoil. These areas will be randomly treated to handset plantings in basins filled with topsoil with hydro mulch seeding applied between settings.

The proposed seed mixture for these disturbances is shown on the enclosed listing, and will be applied at a rate of at least thirteen (13) pounds of pure live seed per acre, at the percent mix shown on the list.

If, at the time of re-vegetation, we are experiencing dryer than usual moisture conditions, artificial irrigation of the reclaimed areas will be used to enhance success.

Stipulation 6-17-83-2RS

A copy of the proposed seed mix is enclosed. This particular mixture is the revised mixture resulting from Division recommendations.

The rate of application will be at least thirteen (13) pounds of pure live seed per acre.

Stipulation 5-17-83-1-EH

In the event that stockpiled topsoil from these disturbances cannot be re-distributed prior to October 31, 1983, this material will be transported to the existing topsoil storage area, where drainage ditches and trees will provide wind and water erosion protection. A temporary vegetative cover (as agreed upon by the operator and Division) will also be planted on this material.

Please contact me if I may be of further assistance in these matters.

Thank you and your staff very much for the expeditious handling of these modification requests.

Sincerely,

T. G. Whiteside
Chief Engineer

Enclosure

ebruary 1983

TEMPORARY REVEGETATION

SEED MISTURE LIST

Grasses	% of Mixture
Thickspike Wheatgrass - Agropyron Dasystachyum	8
Western Wheatgrass - Agropyron Smithii	19
Streambank Wheatgrass - Agropyron	15
Mountain Brome - Bromus Marginatus	5
Slender Wheatgrass - Agropyron Trachycaulum	14
Orchard Grass - Dactylis Glomerata	6
Russian Wildrye - Elymus Glaucus	7
Kentucky Bluegrass - Poa Pratensis	13
Forbs and Shrubs	
Ladak Alfalfa - Medicago Sativa	5
Yellow Sweetclover - Melilotus Officinalis	3
Vasey Big Sagebrush - Artemisia Tridentata	3
Rubber Rabbitbrush - Chrysothamnus Nauseosus	1
Douglas Rabbitbrush - Chrysothamnus Viscidiflorus	1
	100%