

0012



April 29, 1982

Mr. Steve Cox
 Reclamation Biologist
 Division of Oil, Gas and Mining
 4241 State Office Building
 Salt Lake City, Utah 84114

Dear Steve:

The purpose of this letter is to document our conversation on 22 April pertaining to the Huntington Canyon No. 4 seed mix.

As you suggested, we will plant the proposed Forest Service rate in addition to our proposed rate on selected areas. Through visual comparison, the best seeding rate and successful reclamation species will be determined. This information will be used to derive a permanent seed mix for Huntington No. 4.

Practical and effective seeding of shrubs will be determined through field trials. Shrubs will be planted as seeds, bare rootstock and/or containerized stock. Options to plant with the initial mix and interseed at a later date will remain open. Areas requiring future access will be seeded with low-growing shrubs. Stratified shrub layers will be planted on more permanent sites.

Therefore, the temporary seed mix will consist of:

	Pounds of Pure Live Seed per Acre (Broadcast or Hydroseed)	
	<u>Forest Service</u>	<u>BCCC</u>
Fairway crested wheatgrass <u>Apropyron cristatum</u>	1	1
Bluebunch wheatgrass <u>A. spicatum</u>	3	5
Streambank wheatgrass <u>A. riparium</u>	3	4
Slender wheatgrass <u>A. trachycaulum</u>	3	4

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Pounds of Pure Live Seed per Acre
 (Broadcast or Hydroseed)

	<u>Forest Service</u>	<u>BCCC</u>
Indian ricegrass <u>Oryzopsis hymenoides</u>	2	2
Mountain brome <u>Bromus marginatus</u>	1	3
Cicer milkvetch <u>Astragalus cicer</u>	2	4
Palmer penstemon <u>Penstemon palmeri</u>	2	3
Silky lupine <u>Lupinus sericeus</u>	<u>2</u>	<u>2</u>
Total	19	28

PERMANENT SHRUBS

Curl-leaf mountain mahogany	<u>Cercocarpus ledifolius</u>
Utah serviceberry	<u>Amelanchier utahensis</u>
Rubber rabbitbrush	<u>Chrysothamnus nauseosus var. albicaulis</u>
Oregon grape	<u>Mahonia repens</u>

TEMPORARY SHRUBS

Rubber rabbitbrush	<u>Chrysothamnus nauseosus var. albicaulis</u>
Snowberry	<u>Symphoricarpos oreophilus</u>
Antelope bitterbrush	<u>Purshia tridentata</u>
Oregon grape	<u>Mahonia repens</u>

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On-site personnel will maintain records of actual methodology applied in the field. The above species lists and rates will vary as additional knowledge from the field trials becomes available.

If there are any questions concerning the above information, please contact me in Denver at (303)575-7943 or Dave Meyer, BCCC, at (801)637-5050.

Sincerely,

Brenda K Schladweiler

Brenda K. Schladweiler
Project Coordinator

cc: P. D. Bergstrom
D. R. Chenoweth
D. R. Meyer

BKS/bl