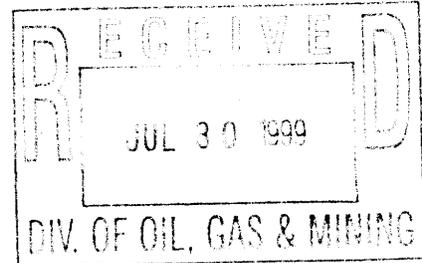


**ENVIRONMENTAL INDUSTRIAL SERVICES**

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July 26, 1999



Paul Baker
Utah Division of Oil, Gas & Mining
1594 West North Temple
Salt Lake City, UT 84114-5801

Copy Paul
ACT/007/013 #2

Dear Mr. Baker

On July 23, 1999, I traveled to Lila Canyon to do production and condition on two reference areas and one disturbed area. On the grass-shrub reference area there was about 850 pounds of herbage production this year. The condition is high seral (good condition). On the pinion juniper reference area the production was about 350 pounds per acre this year. The condition for this site is high seral (good condition). For the pinion juniper disturbed site the production is 250 to 300 pounds and the sight is in high seral (good condition).

Please attached recommended seed mix for the disturbed sites in Lila Canyon.

Sincerely,

George S. Cook,
Range Ecologist, NRCS retired

GSC/cr

cc: To File

TABLE 2.6 SEED MIX FOR RECLAIMED ROADS AND TRAILS

	<u>LBS PLS/ACRE*</u>
GRASSES	
Needle and Thread <u>Stipa comata</u>	2.0
Indian ricegrass <u>Oryzopsis humenoides</u>	2.0
Great basin wildrye <u>Elymus cinereus</u>	1.0
Galleta <u>Hilaria jamesii</u>	1.5
Russian wildrye <u>Elymus junceus</u>	1.5
FORBS	
Lewis flax <u>Linum lewisii</u>	1.5
Yellow sweetclover <u>Melilotus officinalis</u>	1.5
Palmer penstemon <u>Penstemon palmeri</u>	1.0
Globe mallow <u>Sphaeralcea ambigua</u>	1.0
Small burnet <u>Sanguisorba minor</u>	1.0
Prostrate kochia <u>Kochia prostrata</u>	0.5

SHRUBS

Winterfat		
<u>Eurotia lanata</u>		1.0
Wyoming big sagebrush		
<u>Artemisia tridentata wyomingensis</u>		0.5
Douglas rabbitbrush		
<u>Chrysothamnus viscidiflorus</u>		1.0
Fourwing saltbush		
<u>Atriplex canescens</u>		<u>1.0</u>
	TOTAL	20.0

- Rate is pounds per acre pure live seed drillseeded.

Pure Live Seed (PLS) Formula:

$$\begin{array}{l} \% \text{ of purity of seed mixtures} \times \% \text{ germination of seed mixture} \\ \text{portion of seed mixture that is PLS} \end{array} =$$

- Rate for drilling seeding Broadcast rate double
- Interim Seed Mix Grass or Forbes only.