

Dave Kubeczko - DNR

From: Dave Kubeczko - DNR
Sent: Tuesday, July 29, 2014 2:30 PM
To: Dave Kubeczko - DNR
Subject: FW: Onsite Elm ridge IGW 154
Attachments: San Juan BasinPinyon_Juniper_sagebrush_seed mix.pdf

Categories: Green Category

Scan No. 2107083 **CPW CORRESPONDENCE and PROPOSED SEED MIX** **2A#400607018**

From: Magee - DNR, Brian [mailto:brian.magee@state.co.us]
Sent: Friday, June 13, 2014 4:42 PM
To: Joyce Land Research
Cc: Dave Kubeczko - DNR; Jon Holst - DNR; Matt Thorpe - DNR; Stephanie Schuler - DNR
Subject: Re: Onsite Elm ridge IGW 154

Doug-

CPW has a time conflict with the times and dates that you've proposed for your onsite. If need be we could schedule an alternative date to onsite, however, I believe that I have already been to the location. CPW requests that Elm Ridge use the attached wildlife friendly seed mix during interim and final reclamation.

Please let me know if the seed mix works for you and the surface owner.

Thanks,

Brian

Ecotype: Pinyon/Juniper Woodlands-Sagebrush

Species

GRASSES	Variety*	% of mix	FRPLS*	PLS rate/acre
Western wheatgrass	Arriba	10%	8	0.8
Bluebunch wheatgrass	Secar/Goldar	15%	10	1.5
Sandberg bluegrass	"UP release"	15%	2	0.3
Muttongrass	(UP Colona)	10%	1	0.1
Junegrass	Uncompahgre	15%	1	0.15
Indian ricegrass	White River	10%	6	0.6
Sand dropseed		10%	1	0.1
Blue grama	Hatchita	5%	1.5	0.075
Galleta	Viva	10%	6	0.6

*Select 5 of 9 species based on availability

100%

*recommended variety unless locally collected seed is available, in which case locally collected seed is preferred

*based on drill seeding; 2x if broadcasting

FORBS	Variety*			
Utah sweetvetch	(UP Uncompahgre) TIMP	15%	15	2.25
Lewis flax	Maple grove	15%	4	0.6
Penstemon cyanocaulis* (bluestem)	(UP San Miguel)	15%	1	0.15
Penstemon comarrhenus (dusty)	(UP Delta)	15%	1	0.15
Penstemon palmeri (palmer)		15%	2	0.3
Penstemon eatonii (firecracker)		15%	1	0.15
Silky lupine -sericeus*		15%	20	3
Gooseberryleaf globemallow		15%	2	0.3
Oregon daisy	(UP Dry Fork)	15%	1	0.15

*Select 5 of 9 species based on availability

SHRUBS*	Variety			
Artemisia** (+)				1
Fourwing saltbush				1
Winterfat	Hatch			1
Fringed sage				0.5
cliffrose				1

**wyomingensis or nova depending on site

(+) to be included in all PJ/SS mixes

*Select 3 of the 5 species based on availability

NOTE: (UP)- The UP varieties are in development and may not be available in sufficient quantities.

In which case, the most appropriate available variety should be utilized

Supply and availability should increase in future years

at which time the UP varieties should be used.