Sodic Overburden Test Plot Fill/Seed Mix Layout

PLOT	SEED MIX	FILL
PL3/BL3 S	BL3/FL3 S	A	6" topsoil – 12" B, 6" A
PL3/BL3 N	BL3/FL3 N	C	6" suitable spoil, 12" pit-run scoria
PL3/BL2 S	BL3/FL2 S	B	18" topsoil – 12" B, 6" A
PL3/BL2 N	BL3/FL2 N	C	6" suitable spoil, 12" pit-run scoria
PL3/BL1 S	BL3/FL1 S	B	18" suitable spoil
PL3/BL1 N	BL3/FL1 N	C	6" suitable spoil, 12" pit-run scoria
PL2/BL3 S	BL2/FL3 S	C	12" suitable spoil, 6" pit-run scoria
PL2/BL3 N	BL2/FL3 N	B	18" suitable spoil
PL2/BL2 S	BL2/FL2 S	C	12" suitable spoil, 6" pit-run scoria
PL2/BL2 N	BL2/PL2 N	B	18" topsoil – 12" B, 6" A
PL2/BL1 S	BL2/FL1 S	C	12" suitable spoil, 6" pit-run scoria
PL2/BL1 N	BL2/FL1 N	A	18" topsoil – 12" B, 6" A
FL1/BL3 S	BL1/FL3 S	B	18" topsoil – 12" B, 6" A
PL1/BL3 N	BL1/FL3 N	C	18" pit-run scoria
PL1/BL2 S	BL1/FL2 S	A	18" topsoil – 12" B, 6" A
PL1/BL2 N	BL1/FL2 N	C	18" pit-run scoria
PL1/BL1 S	BL1/FL1 S	B	18" suitable spoil
PL1/BL1 N	BL1/FL1 N	C	18" pit-run scoria

Seed Mix A=

Native Western Wheatgrass	Western White Yarrow
Critana Thickspike Wheatgrass	Eski Sainfoin
Pryor Slender Wheatgrass	Yellow Prairie Coneflower
Lodorm Green Needlegrass	Bandera Penstemon
Trailhead Basin Wildrye	Silver Sage
Sodar Streambank Wheatgrass	Winterfat
Durar Hard Fescue	Fourwing Saltbush
Forestburg Switchgrass	Black Greasewood
Sand Dropseed	Gardner Saltbush
Appar Blue Flax	

Seed Mix B=

Native Western Wheatgrass	Forestburg Switchgrass
Critana Thickspike Wheatgrass	Western White Yarrow
Lodorm Green Needlegrass	Appar Blue Flax
Nezpar Indian Ricegrass	Yellow Prairie Coneflower
Durar Hard Fescue	Eski Sainfoin
Needle-and-Thread	Winterfat
Whitmar Bluebunch Wheatgrass	Fourwing Saltbush
Prairie Junegrass	Wyoming Big Sagebrush
Native Blue Grama	Gardner Saltbush

Seed Mix C =

Secar Bluebunch Wheatgrass	Winterfat
Rosana Western Wheatgrass	Gardner Saltbush
Barkoel Prairie Junegrass	Appar Blue Flax
Wyoming Big Sagebrush	Western White Yarrow
Silver Sagebrush	Yellow Prairie Coneflower
Fourwing Saltbush	Eski Sainfoin

PAR 2A

PAR 2

B36

B12

A33

A27

4' COVER PLOT

8' COVER PLOT

PL3/BL3 N
PL3/BL2 N
PL3/BL1 N
PL2/BL3 N
PL2/BL2 N
PL2/BL1 N
PL1/BL3 N
PL1/BL2 N
PL1/BL1 N

BL3/PL3 N
BL3/PL2 N
BL3/PL1 N
BL2/PL3 N
BL2/PL2 N
BL2/PL1 N
BL1/PL3 N
BL1/PL2 N
BL1/PL1 N

LEGEND

Lease Boundary

Sample Location

Test Plot (89' x 48')

I, the undersigned, hereby certify that this map is correct and shows to the best of my knowledge and belief all the information required by the mining laws of this state.

Ronald E. Destefano
P.E. #08652 E

12/5/95
Date

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(406) 757-2581

N

DATE	BY	REVISIONS
1-97	MK	SEED MIXES
7-97	MK	Per 17 M. Year of April 2, 1997 Rev. 12

SPRING CREEK COAL COMPANY

SODIC OVERBURDEN TEST SITE AND SAMPLE LOCATIONS

DESIGN: AN DRAWN: PJW DATE: 12/4/95

SCALE: 1"=100' FILE NUMBER: PC-9504-D

Plate 19