

Well ID: PA 323-33

Monitor Date: 7/23/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2003

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 28

Reference Area % Cover: 25.8

90% of Reference Area? Yes

Relative % Cover of: Grasses 100 Forbs 0 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Healthy / small

☒ Flowers / Seeds

☐ Seedlings

Color / Vigor: Healthy

Comments Good start, few weeds scattered across site.

Undesirable Vegetation

Noxious Weeds Present? Yes Some cheatgrass, erodium, and Russian thistle.

Undesirable Species <5% of Total Cover: < 5%

EROSION

Erosion Issues: Gullying

Erosion photo 1: on northwest edge looking south, deepish gully
Erosion photo 2: on south portion of pad looking S, starts on in use portion

BLM RECLAMATION TIMETABLE:

% Area in Use: 10

% Monitor: 75

% Acceptable: 15

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Keep eye on weeds, possible overseeding in some areas.

Major Facilities Issues:

Additional Comments:

VEGETATION DATA**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Psathyrostachys juncea	46			15.33	30			10
Thinopyrum ponticum	2	28	8	12.67	2	8	0	3.33
Total Acceptable Cover	48	28	8	28	32	8	0	13.33
Total Vegetative Cover:	48	28	8	28	32	8	0	13.33
Litter	8	4	8	6.67	16	10	8	11.33
Rock	0	2	4	2	0	2	4	2
Standing Litter			2	0.67			0	0
Total Non-Vegetative Cover	8	6	14	9.34	16	12	12	13.33
Total Cover	56	34	22	37.34	48	20	12	26.66
Bare	44	66	78	62.67	52	80	88	73.33

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Achnatherum hymenoides	Observed	100		
Agropyron cristatum	1		0	
Atriplex confertifolia	Observed			0
Bromus inermis	Observed			
Bromus tectorum	Observed			
Calochortus gunnisonii	Observed			
Chrysothamnus viscidiflorus	Observed	1	10	S
Dactylis glomerata	Observed	2	10	S
Erodium cicutarium	Observed	3	24	S
Eremopyrum triticeum	Observed			
Gutierrezia sarothrae	Observed			
Halogeton glomeratus	1			
Helianthus annuus	Observed			
Penstemon palmeri	Observed			
Psathyrostachys juncea	1			
Salsola kali	Observed			
Sarcobatus vermiculatus	Observed			
Thinopyrum intermedium	Observed			
Thinopyrum ponticum	3			
Unknown Aster 1	Observed			
Unknown Panicum 1	Observed			

PA 323-33



PA 323-33 North

Photo Date: 7/23/2008

X: 2292296.06272 Y: 1609170.45693



PA 323-33 East

Photo Date: 7/23/2008

X: 2292140.68309 Y: 1609391.14668



PA 323-33 South

Photo Date: 7/23/2008

X: 2292282.37397 Y: 1609483.05917



PA 323-33 West

Photo Date: 7/23/2008

X: 2292385.41638 Y: 1609436.96396



PA 323-33 Sample Point 1

Photo Date: 7/23/2008

X: 2292257.16200 Y: 1609214.21109



PA 323-33 Sample Point 2

Photo Date: 7/23/2008

X: 2292258.61896 Y: 1609369.67968



PA 323-33 Sample Point 3

Photo Date: 7/23/2008

X: 2292435.23146 Y: 1609363.94231



PA 323-33 Erosion Picture 1

Photo Date: 7/23/2008

X: 2292265.86752 Y: 1609473.09778

PA 323-33



PA 323-33 Erosion Picture 2

Photo Date: 7/23/2008

X: 2292302.43562

Y: 1609246.01058

Well ID: PA 323-34

Monitor Date: 7/18/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2006

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 8

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 75.67 Forbs 24.32 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? No

☐ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor:

Comments Sparse growth.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass interspersed, kochia also on much of pad.

Undesirable Species <5% of Total Cover: > 5%

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 30

% Monitor: 70

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Weed control, overseeding especially in bare patches.

Major Facilities Issues:

Additional Comments:

VEGETATION DATA**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Psathyrostachys juncea	2		4	2	0		0	0
Thinopyrum ponticum	6	10	2	6	0	6	0	2
Total Acceptable Cover	8	10	6	8	0	6	0	2
Undesirable Species								
Bassia scoparia	10		0	3.33	4		0	1.33
Eremopyrum triticeum	6	24	2	10.67	0	10	2	4
Lepidium perfoliatum	8			2.67	0			0
Total Undesirable Cover	24	24	2	16.67	4	10	2	5.33
Total Vegetative Cover:	32	34	8	24.67	4	16	2	7.33
Litter	34	28	38	33.33	58	44	40	47.33
Rock	0	2	2	1.33	2	2	2	2
Standing Litter		2		0.67		0		0
Total Non-Vegetative Cover	34	32	40	35.33	60	46	42	49.33
Total Cover	66	66	48	60	64	62	44	56.66
Bare	34	34	52	40	36	38	56	43.33

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible			
Agropyron cristatum	Observed	Grasses	75.67	
Atriplex canescens	Observed	Forbs	24.32	
Atriplex confertifolia	Observed	Shrubs	0	
Bassia scoparia	2			
Bromus inermis	Observed			
Bromus tectorum	1	Transect	% Slope	Aspect
Chenopodium album	Observed	1	3	S
Eremopyrum triticeum	3	2	Flat	
Halogeton glomeratus	Observed	3	8	W
Lepidium perfoliatum	1			
Poa sp.	2			
Psathyrostachys juncea	2			
Sarcobatus vermiculatus	Observed			
Thinopyrum ponticum	3			
Tragopogon dubius	Observed			
xTriticosecale rimpaii	1			

PA 323-34



PA 323-34 North
Photo Date: 7/18/2008



PA 323-34 East
Photo Date: 7/18/2008



PA 323-34 South
Photo Date: 7/18/2008



PA 323-34 West
Photo Date: 7/18/2008



PA 323-34 Sample Point 1
Photo Date: 7/18/2008



PA 323-34 Sample Point 2
Photo Date: 7/18/2008



PA 323-34 Sample Point 3
Photo Date: 7/18/2008

Well ID: PA 324-26

Monitor Date: 7/17/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2006

Vegetation Community: Pinon-Juniper Woodland South Aspect

VEGETATION

Total Acceptable Vegetation % Cover: 2.01

Reference Area % Cover: 10.2

90% of Reference Area? No

Relative % Cover of: Grasses 6.663 Forbs 93.29 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? No

☐ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor:

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass, erodium also present. Lots of tumble mustard and Russian thistle.

Undesirable Species <5% of Total Cover: > 5%

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 30

% Monitor: 70

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Site is basically covered in cheatgrass, Russian thistle, and tumble mustard.

Major Facilities Issues:

Additional Comments: CSU research site. Rattlesnakes sighted.

VEGETATION DATA

Vegetation Cover

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Hedysarum boreale			2	0.67			0	0
Linum lewisii		2		0.67		0		0
Pascopyrum smithii	0	2		0.67	0	0		0
Total Acceptable Cover	0	4	2	2.01	0	0	0	0
Undesirable Species								
Bromus tectorum		2		0.67		0		0
Lepidium perfoliatum	4			1.33	0			0
Salsola kali	12	2	2	5.33	0	0	2	0.67
Sisymbrium altissimum	26	6		10.67	0	0		0
Total Undesirable Cover	42	10	2	18	0	0	2	0.67
Total Vegetative Cover:	42	14	4	20.01	0	0	2	0.67
Litter	40	22	32	31.33	74	36	34	48
Rock	0	0	18	6	0	0	18	6
Standing Litter	0			0	2			0.67
Total Non-Vegetative Cover	40	22	50	37.33	76	36	52	54.67
Total Cover	82	36	54	57.34	76	36	54	55.34
Bare	18	64	46	42.67	24	62	46	44

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Achnatherum hymenoides	Observed	6.663		
Agropyron cristatum	Observed		93.29	
Alyssum desertorum	1			0
Atriplex canescens	2			
Bromus arvensis	Observed			
Bromus tectorum	1			
Chenopodium album	Observed			
Chrysothamnus viscidiflorus	1			
Erodium cicutarium	1			
Ericameria nauseosa	1			
Grindelia squarrosa	Observed			
Hedysarum boreale	1			
Hordeum jubatum	Observed			
Lactuca serriola	1			
Leymus cinereus	Observed			
Lepidium perfoliatum	1			
Linum lewisii	1			
Melilotus officinalis	Observed			
Oxytropis sp.	1			
Pascopyrum smithii	2			
Salsola kali	3			
Sarcobatus vermiculatus	Observed			

Transect	% Slope	Aspect
1	7	S
2	10	SW
3	Flat	(SW)

Sisymbrium altissimum	2
xTriticosecale rimpai 1	Observed
Unknown Aster 8	1
Unknown Aster 9	Observed

PA 324-26



PA 324-26 North

Photo Date: 7/17/2008

X: 2302907.60210

Y: 1612767.98510



PA 324-26 East

Photo Date: 7/17/2008

X: 2302874.16453

Y: 1613073.50788



PA 324-26 South

Photo Date: 7/17/2008

X: 2302973.55191

Y: 1613035.28703



PA 324-26 West

Photo Date: 7/17/2008

X: 2303121.53933

Y: 1612894.97909



PA 324-26 Sample Point 1

Photo Date: 7/17/2008

X: 2302840.54254

Y: 1613052.88704



PA 324-26 Sample Point 2

Photo Date: 7/17/2008

X: 2302990.63515

Y: 1612994.52164



PA 324-26 Sample Point 3

Photo Date: 7/17/2008

X: 2302890.15133

Y: 1612832.26549

Well ID: PA 324-32

Monitor Date: 7/23/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date:

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 14

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 53.85 Forbs 46.15 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☒ Litter

Size: Moderately healthy

☒ Flowers / Seeds

☐ Seedlings

Color / Vigor: Many brown/green

Comments Desirables ok, but some sparse and stunted.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass, erodium interspersed across site. Russian thistle also present.

Undesirable Species <5% of Total Cover: > 5%

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 20

% Monitor: 80

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Weedy species dominate, control weeds and/or overseed to increase desirable cover.

Major Facilities Issues:

Additional Comments:

VEGETATION DATA**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Thinopyrum intermedium		16	26	14		10	10	6.67
Total Acceptable Cover		16	26	14		10	10	6.67
Undesirable Species								
Lepidium perfoliatum	34	2	0	12	0	0	0	0
Total Undesirable Cover	34	2	0	12	0	0	0	0
Total Vegetative Cover:	34	18	26	26	0	10	10	6.67
Litter	42	14	54	36.67	78	16	70	54.67
Rock	6	0	0	2	8	0	0	2.67
Standing Litter	10	2		4	0	0		0
Total Non-Vegetative Cover	58	16	54	42.67	86	16	70	57.34
Total Cover	92	34	80	68.67	86	26	80	64.01
Bare	8	66	20	31.33	14	74	20	36

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	Observed			
Astragalus cicer	Observed			
Atriplex confertifolia	Observed			
Bassia scoparia	1			
Bromus inermis	Observed			
Bromus tectorum	Observed			
Erodium cicutarium	Observed			
Eremopyrum triticeum	1			
Gutierrezia sarothrae	Observed			
Halogeton glomeratus	Observed			
Helianthus annuus	Observed			
Lactuca serriola	Observed			
Lepidium perfoliatum	3			
Onobrychis viciifolia	1			
Pascopyrum smithii	Observed			
Poa sp.	Observed			
Psathyrostachys juncea	1			
Salsola kali	Observed			
Sarcobatus vermiculatus	Observed			
Sisymbrium altissimum	Observed			
Thinopyrum intermedium	2			
Tragopogon dubius	Observed			
xTriticosecale rimpaii	1			

Transect	% Slope	Aspect
1	5	E/SE
2	Flat	(NE)
3	10	E

PA 324-32



PA 324-32 North

Photo Date: 7/23/2008

X: 2287574.60662 Y: 1608333.11380



PA 324-32 East

Photo Date: 7/23/2008

X: 2287525.54132 Y: 1608491.73222



PA 324-32 South

Photo Date: 7/23/2008

X: 2287953.33495 Y: 1608500.13894



PA 324-32 West

Photo Date: 7/23/2008

X: 2287937.52547 Y: 1608416.21454



PA 324-32 Sample Point 1

Photo Date: 7/23/2008

X: 2287874.89236 Y: 1608376.69062



PA 324-32 Sample Point 2

Photo Date: 7/23/2008

X: 2287759.30022 Y: 1608495.65522



PA 324-32 Sample Point 3

Photo Date: 7/23/2008

X: 2287513.09660 Y: 1608452.17591

Well ID: PA 331-34

Monitor Date: 7/17/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2003

Vegetation Community: Pinon-Juniper Woodland South Aspect

VEGETATION

Total Acceptable Vegetation % Cover: 42

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 99.99 Forbs 0 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Healthy

☒ Flowers / Seeds

☐ Seedlings

Color / Vigor: Healthy

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass and knapweed sited (minor).

Undesirable Species <5% of Total Cover: < 5%

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 10

% Monitor: 20

% Acceptable: 70

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Overall site looks very good, some portions desirables are a little sparse but site is good.

Major Facilities Issues:

Additional Comments:

VEGETATION DATA**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Agropyron cristatum			4	1.33			4	1.33
Pascopyrum smithii	2			0.67	2			0.67
Psathyrostachys juncea		32	0	10.67		20	0	6.67
Thinopyrum intermedium	44	2	42	29.33	24	2	4	10
Total Acceptable Cover	46	34	46	42	26	22	8	18.67
Undesirable Species								
Bromus tectorum		2		0.67		0		0
Total Undesirable Cover		2		0.67		0		0
Total Vegetative Cover:	46	36	46	42.67	26	22	8	18.67
Litter	6	22	24	17.33	22	38	52	37.33
Standing Litter	4	4	4	4	0	0	0	0
Total Non-Vegetative Cover	10	26	28	21.33	22	38	52	37.33
Total Cover	56	62	74	64	48	60	60	56
Bare	44	38	26	36	52	40	28	40

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Achnatherum hymenoides	Observed	99.99		
Acroptilon repens	Observed		0	
Agropyron cristatum	1			0
Bassia scoparia	Observed			
Bromus tectorum	1			
Chrysothamnus viscidiflorus	Observed			
Gutierrezia sarothrae	Observed			
Pascopyrum smithii	1			
Psathyrostachys juncea	2			
Thinopyrum intermedium	3			

Transect	% Slope	Aspect
1	5	S
2	2	E/SE
3	8	S

PA 331-34



PA 331-34 North

Photo Date: 7/17/2008

X: 2299120.41392 Y: 1612018.43781



PA 331-34 East

Photo Date: 7/17/2008

X: 2299065.82006 Y: 1612069.65910



PA 331-34 South

Photo Date: 7/17/2008

X: 2299106.02898 Y: 1612160.39432



PA 331-34 West

Photo Date: 7/17/2008

X: 2299229.75263 Y: 1612067.57188



PA 331-34 Sample Point 1

Photo Date: 7/17/2008

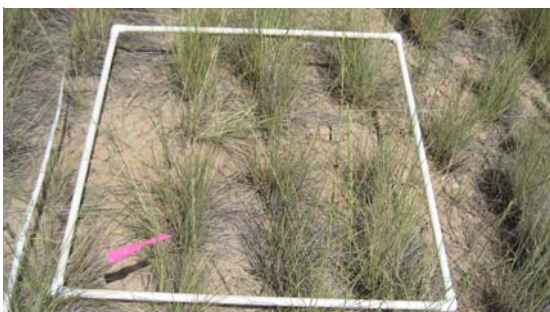
X: 2299089.82687 Y: 1612089.07744



PA 331-34 Sample Point 2

Photo Date: 7/17/2008

X: 2299287.38462 Y: 1612045.27987



PA 331-34 Sample Point 3

Photo Date: 7/17/2008

X: 2299227.75423 Y: 1611893.13208

Well ID: PA 332-33

Monitor Date: 7/22/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2004

Vegetation Community: Pinon-Juniper Woodland South Aspect

VEGETATION

Total Acceptable Vegetation % Cover: 8

Reference Area % Cover: 10.2

90% of Reference Area? No

Relative % Cover of: Grasses 97.78 Forbs 2.222 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☒ Litter

Size: Healthy

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor: Healthy

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass, bindweed, erodium and Russian thistle all interspersed across site.

Undesirable Species <5% of Total Cover: > 5%

EROSION

Erosion Issues: Minor

BLM RECLAMATION TIMETABLE:

% Area in Use: 10

% Monitor: 90

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Weedy species dominate, some weed control and overseeding.

Major Facilities Issues:

Additional Comments:

VEGETATION DATA

Vegetation Cover

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Psathyrostachys juncea	0	2		0.67	0	0		0
Thinopyrum intermedium			12	4			4	1.33
Thinopyrum ponticum	6	4		3.33	2	2		1.33
Total Acceptable Cover	6	6	12	8	2	2	4	2.66
Undesirable Species								
Bromus tectorum	46	18	0	21.33	4	8	0	4
Erodium cicutarium	2			0.67	2			0.67
Total Undesirable Cover	48	18	0	22	6	8	0	4.67
Total Vegetative Cover:	54	24	12	30	8	10	4	7.33
Litter	16	22	16	18	80	52	20	50.67
Rock	0	0	0	0	0	0	0	0
Standing Litter	28	32	2	20.67	0	0	0	0
Total Non-Vegetative Cover	44	54	18	38.67	80	52	20	50.67
Total Cover	98	78	30	68.67	88	62	24	58
Bare	2	22	70	31.33	12	38	76	42

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	Observed	97.78		
Alyssum desertorum	1		2.222	
Bassia scoparia	1			0
Bromus tectorum	3			
Chrysothamnus viscidiflorus	Observed			
Convolvulus arvensis	1			
Elymus trachycaulus	Observed			
Erodium cicutarium	1			
Eremopyrum triticeum	1			
Grindelia squarrosa	Observed			
Gutierrezia sarothrae	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	Observed			
Lepidium perfoliatum	Observed			
Medicago sativa	Observed			
Poa sp.	1			
Psathyrostachys juncea	2			
Salsola kali	Observed			
Sarcobatus vermiculatus	Observed			
Sisymbrium altissimum	1			
ralcea coccinea ssp. coccinea	Observed			
Thinopyrum intermedium	1			
Thinopyrum ponticum	2			
xTriticosecale rimpaii	2			

Transect	% Slope	Aspect
1	10	NE
2	18	NE
3	2	E

Unknown Aster 1

Observed

PA 332-33



PA 332-33 North

Photo Date: 7/22/2008

X: 2294485.74753 Y: 1610636.49016



PA 332-33 East

Photo Date: 7/22/2008

X: 2294312.87193 Y: 1610828.38473



PA 332-33 South

Photo Date: 7/22/2008

X: 2294538.33675 Y: 1610886.08102



PA 332-33 West

Photo Date: 7/22/2008

X: 2294662.75008 Y: 1610745.32508



PA 332-33 Sample Point 1

Photo Date: 7/22/2008

X: 2294627.25240 Y: 1610758.07873



PA 332-33 Sample Point 2

Photo Date: 7/22/2008

X: 2294427.19019 Y: 1610775.87102



PA 332-33 Sample Point 3

Photo Date: 7/22/2008

X: 2294536.23880 Y: 1610653.15221

Well ID: PA 33-28

BLM Land

Monitor Date: 7/22/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2003

Vegetation Community: Pinon-Juniper Woodland South Aspect

VEGETATION

Total Acceptable Vegetation % Cover: 12

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 69.38 Forbs 4.081 Shrubs 26.53

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Mostly healthy

☒ Flowers / Seeds

☐ Seedlings

Color / Vigor: Mostly healthy

Comments Shrub cover good, but grass cover ok with annual wheatgrass.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass interspersed among desirables.

Undesirable Species <5% of Total Cover: > 5%

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 20

% Monitor: 70

% Acceptable: 10

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Cover overall not great, but shrub cover looks very good. Fix redisturbed areas and reclamation on southwest portion where redisturbed and pipes stored.

Major Facilities Issues:

Additional Comments:

VEGETATION DATA**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Atriplex canescens	0	0	22	7.33	0	0	2	0.67
Atriplex confertifolia	0		2	0.67	0		2	0.67
Sporobolus airoides	6	0		2	4	0		1.33
xTriticosecale rimpai 2	0	0	4	1.33	0	0	4	1.33
Unknown Shrub 2		2		0.67		0		0
Total Acceptable Cover	6	2	28	12	4	0	8	4
Undesirable Species								
Bassia scoparia	0	2		0.67	0	0		0
Bromus tectorum			4	1.33			6	2
Eremopyrum triticeum	26	28		18	10	4		4.67
Lactuca serriola	2			0.67	0			0
Total Undesirable Cover	28	30	4	20.67	10	4	6	6.67
Total Vegetative Cover:	34	32	32	32.67	14	4	14	10.67
Litter	42	44	24	36.67	62	60	42	54.67
Rock	0	2	0	0.67	0	2	0	0.67
Standing Litter	4			1.33	0			0
Total Non-Vegetative Cover	46	46	24	38.67	62	62	42	55.34
Total Cover	80	78	56	71.34	76	66	56	66.01
Bare	20	22	44	28.67	24	34	44	34

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Atriplex canescens	3	69.38		
Atriplex confertifolia	2		4.081	
Bassia scoparia	2			26.53
Bromus arvensis	Observed			
Bromus tectorum	1			
Chenopodium album	1			
Chrysothamnus viscidiflorus	Observed			
Elymus lanceolatus	Observed			
Eremopyrum triticeum	2			
Gutierrezia sarothrae	Observed			
Halogeton glomeratus	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	1			
Lepidium perfoliatum	Observed			
Pascopyrum smithii	Observed			
Pseudoroegneria spicata	Observed			
Salsola kali	Observed			
Sarcobatus vermiculatus	Observed			
Sporobolus airoides	2			
xTriticosecale rimpai 2	3			

Transect	% Slope	Aspect
1	8	S
2	12	S
3	5	SE

Unknown Aster 1	Observed
Unknown Panicum 1	Observed
Unknown Shrub 1	1
Unknown Shrub 2	1

PA 33-28



PA 33-28 North

Photo Date: 7/22/2008

X: 2293924.03248 Y: 1614198.25211



PA 33-28 East

Photo Date: 7/22/2008

X: 2293818.27198 Y: 1614458.43683



PA 33-28 South

Photo Date: 7/22/2008

X: 2293959.92336 Y: 1614597.56857



PA 33-28 West

Photo Date: 7/22/2008

X: 2293989.02878 Y: 1614399.14281



PA 33-28 Sample Point 1

Photo Date: 7/22/2008

X: 2293969.31375 Y: 1614521.97215



PA 33-28 Sample Point 2

Photo Date: 7/22/2008

X: 2293878.67158 Y: 1614445.74705



PA 33-28 Sample Point 3

Photo Date: 7/22/2008

X: 2293948.80946 Y: 1614191.67569

Well ID: PA 333-33

Monitor Date: 7/21/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date:

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 18.01

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 69.99 Forbs 30 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Some healthy some stunted

☒ Flowers / Seeds

☐ Seedlings

Color / Vigor: Some healthy

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass, erodium, and Russian thistle interspersed but not across site.

Undesirable Species <5% of Total Cover: > 5%

EROSION

Erosion Issues: Minor Minor erosion on north portion, but not serious

BLM RECLAMATION TIMETABLE:

% Area in Use: 20

% Monitor: 60

% Acceptable: 20

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Some portions of reclamation have good start, but others are sparse and some portions of reclamation were redisturbed.

Major Facilities Issues:

Additional Comments:

VEGETATION DATA**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Medicago sativa	2			0.67	0			0
Pascopyrum smithii	2			0.67	0			0
Psathyrostachys juncea			24	8			12	4
Thinopyrum ponticum		16	10	8.67		14	4	6
Total Acceptable Cover	4	16	34	18.01	0	14	16	10
Undesirable Species								
Bromus tectorum	4			1.33	0			0
Salsola kali	22			7.33	0			0
Total Undesirable Cover	26			8.66	0			0
Total Vegetative Cover:	30	16	34	26.67	0	14	16	10
Litter	52	26	16	31.33	76	28	30	44.67
Rock	6	18	20	14.67	8	20	24	17.33
Standing Litter		2	4	2		0	0	0
Total Non-Vegetative Cover	58	46	40	48	84	48	54	62
Total Cover	88	62	74	74.67	84	62	70	72
Bare	12	38	26	25.33	16	38	30	28

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	Observed	69.99		
Atriplex canescens	1		30	
Atriplex confertifolia	Observed			0
Bassia scoparia	1			
Bromus arvensis	Observed			
Bromus tectorum	1			
Erodium cicutarium	1	1	25	S
Eremopyrum triticeum	1	2	17	SW
Grindelia squarrosa	Observed	3	25	S
Halogeton glomeratus	1			
Lactuca serriola	Observed			
Marrubium vulgare	Observed			
Medicago sativa	1			
Pascopyrum smithii	1			
Psathyrostachys juncea	1			
Salsola kali	1			
Sarcobatus vermiculatus	Observed			
Sisymbrium altissimum	Observed			
ralcea coccinea ssp. coccinea	Observed			
Thinopyrum ponticum	2			
xTriticosecale rimpai 1	Observed			
Unknown Chenopod 2	Observed			
Unknown Thistle 1	Observed			

PA 333-33



PA 333-33 North

Photo Date: 7/21/2008

X: 2293949.67044

Y: 1608796.45270



PA 333-33 East

Photo Date: 7/21/2008

X: 2293832.84995

Y: 1609015.59553



PA 333-33 South

Photo Date: 7/21/2008

X: 2294033.87451

Y: 1608974.32222



PA 333-33 West

Photo Date: 7/21/2008

X: 2294197.38565

Y: 1608923.40263

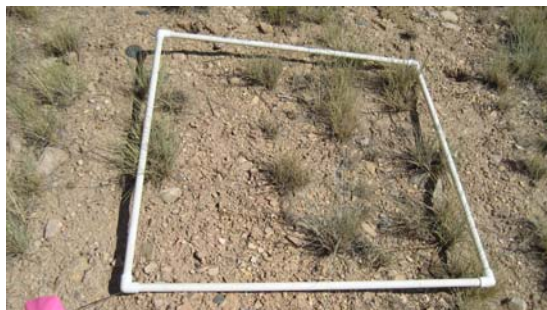


PA 333-33 Sample Point 1

Photo Date: 7/21/2008

X: 2293969.76235

Y: 1608785.16961



PA 333-33 Sample Point 2

Photo Date: 7/21/2008

X: 2293774.24662

Y: 1608869.68072



PA 333-33 Sample Point 3

Photo Date: 7/21/2008

X: 2293912.18102

Y: 1608958.44749

Well ID: PA 33-34

Monitor Date: 7/17/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2003

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 8.66

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 49.03 Forbs 33.34 Shrubs 17.65

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Shrubs healthy

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor:

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass and erodium heavily interspersed among desirables.

Undesirable Species <5% of Total Cover: > 5%

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use:	12
% Monitor:	80
% Acceptable:	8
% Reclamation Complete:	0
% Restored:	0

Additional work needed to obtain 90% cover:

Site has excellent shrub regrowth. Some grasses are doing well in scattered areas but cheatgrass and erodium dominate- they are distributed across the site.

Major Facilities Issues:

Additional Comments:

VEGETATION DATA**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Agropyron cristatum	0	4	0	1.33	0	0	0	0
Atriplex canescens	4	8	6	6	0	0	0	0
Pascopyrum smithii	0	0		0	2	0		0.67
Unknown Aster 5	4			1.33	2			0.67
Total Acceptable Cover	8	12	6	8.66	4	0	0	1.34
Undesirable Species								
Bromus tectorum	18	12	16	15.33	2	0	2	1.33
Erodium cicutarium	12		18	10	14		28	14
Total Undesirable Cover	30	12	34	25.33	16	0	30	15.33
Total Vegetative Cover:	38	24	40	33.99	20	0	30	16.67
Litter	30	24	36	30	36	34	42	37.33
Rock	6	6	2	4.67	8	8	2	6
Total Non-Vegetative Cover	36	30	38	34.67	44	42	44	43.33
Total Cover	74	54	78	68.66	64	42	74	60
Bare	26	46	22	31.33	36	58	26	40

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	3	49.03		
Asclepias speciosa	Observed		33.34	
Atriplex canescens	3			17.65
Bassia scoparia	Observed			
Bromus inermis	1			
Bromus tectorum	3			
Chrysothamnus viscidiflorus	Observed			
Erodium cicutarium	2			
Eremopyrum triticeum	1			
Halogeton glomeratus	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	Observed			
Pascopyrum smithii	2			
Poa sp.	Observed			
Ratibida columnifera	Observed			
Salsola kali	Observed			
Sarcobatus vermiculatus	Observed			
Tragopogon dubius	Observed			
Unknown Aster 5	1			

Transect	% Slope	Aspect
1	22	S/SE
2	Flat	(S)
3	12	S/SE

PA 33-34



PA 33-34 North

Photo Date: 7/17/2008

X: 2299343.57826 Y: 1609330.68592



PA 33-34 East

Photo Date: 7/17/2008

X: 2299274.20422 Y: 1609412.00197



PA 33-34 South

Photo Date: 7/17/2008

X: 2299430.27053 Y: 1609550.45432



PA 33-34 West

Photo Date: 7/17/2008

X: 2299514.13473 Y: 1609343.34565



PA 33-34 Sample Point 1

Photo Date: 7/17/2008

X: 2299504.22481 Y: 1609322.99816



PA 33-34 Sample Point 2

Photo Date: 7/17/2008

X: 2299290.48398 Y: 1609321.52725



PA 33-34 Sample Point 3

Photo Date: 7/17/2008

X: 2299333.85420 Y: 1609485.17140

Well ID: PA 334-31

BLM Land

Monitor Date: 7/24/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Approximate Seed Date:

Vegetation Community: Pinon-Juniper Woodland South Aspect

VEGETATION

Reference Area % Cover: 10.2

Desirable Vegetation

Appears vigorous and self sustaining?

☐ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor:

Comments

Undesirable Vegetation

Noxious Weeds Present? Kochia.

Undesirable Species <5% of Total Cover:

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

Additional work needed to obtain 90% cover:

% Area in Use: 100

% Monitor: 0

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Major Facilities Issues:

Additional Comments:

PA 334-31

VEGETATION DATA

Vegetation Cover

First Hit % Cover

Ground Hit % Cover

Species

T1

T2

T3

Mean

T1

T2

T3

Mean

No Data

Species List

PA 334-31



PA 334-31 North

Photo Date: 7/24/2008

X: 2283522.27694 Y: 1607822.96567



PA 334-31 East

Photo Date: 7/24/2008

X: 2283435.24817 Y: 1607917.77869



PA 334-31 South

Photo Date: 7/24/2008

X: 2283481.84387 Y: 1608003.05962



PA 334-31 West

Photo Date: 7/24/2008

X: 2283506.43850 Y: 1607929.75837

Well ID: PA 334-32

Monitor Date: 7/23/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Approximate Seed Date:

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Reference Area % Cover: 25.8

Desirable Vegetation

Appears vigorous and self sustaining?

☐ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor:

Comments

Undesirable Vegetation

Noxious Weeds Present? Kochia.

Undesirable Species <5% of Total Cover:

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

Additional work needed to obtain 90% cover:

% Area in Use: 100

% Monitor: 0

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Major Facilities Issues:

Additional Comments:

PA 334-32

VEGETATION DATA

Vegetation Cover		First Hit % Cover				Ground Hit % Cover			
Species	T1	T2	T3	Mean	T1	T2	T3	Mean	

No Data

Species List

PA 334-32



PA 334-32 North

Photo Date: 7/23/2008

X: 2288722.81781 Y: 1608031.01427



PA 334-32 East

Photo Date: 7/23/2008

X: 2288695.13998 Y: 1608127.22749



PA 334-32 South

Photo Date: 7/23/2008

X: 2288922.93062 Y: 1608284.84900



PA 334-32 West

Photo Date: 7/23/2008

X: 2289014.01617 Y: 1608129.37668

Well ID: PA 334-34

Monitor Date: 7/18/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Approximate Seed Date:

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Reference Area % Cover: 25.8

Desirable Vegetation

Appears vigorous and self sustaining?

☐ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor:

Comments

Undesirable Vegetation

Noxious Weeds Present? Kochia.

Undesirable Species <5% of Total Cover:

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

Additional work needed to obtain 90% cover:

% Area in Use: 100

% Monitor: 0

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Major Facilities Issues:

Additional Comments:

VEGETATION DATA

Vegetation Cover		First Hit % Cover				Ground Hit % Cover			
Species	T1	T2	T3	Mean	T1	T2	T3	Mean	

No Data

Species List

PA 334-34



PA 334-34 North

Photo Date: 7/18/2008

X: 2299779.35712 Y: 1607942.67864



PA 334-34 East

Photo Date: 7/18/2008

X: 2299683.04023 Y: 1608153.29328



PA 334-34 South

Photo Date: 7/18/2008

X: 2300031.40786 Y: 1608170.20599



PA 334-34 West

Photo Date: 7/18/2008

X: 2300061.80595 Y: 1607996.47334

Well ID: PA 343-32

Monitor Date: 7/23/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2003

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 16.01

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 58.31 Forbs 24.99 Shrubs 16.66

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☒ Litter

Size: Healthy

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor: Healthy

Comments Healthy, some weeds, consistent with surroundings.

Undesirable Vegetation

Noxious Weeds Present? Yes Erodium interspersed across pad and some cheatgrass interspersed.

Undesirable Species <5% of Total Cover: > 5%

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 10

% Monitor: 0

% Acceptable: 90

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Possibly treat erodium and cheatgrass.

Major Facilities Issues:

Additional Comments: Difficult to determine extent of pad.

VEGETATION DATA**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Agropyron cristatum		6	14	6.67		0	6	2
Atriplex canescens	2	4	6	4	0	0	0	0
Bromus inermis	2	0	0	0.67	2	2	0	1.33
Medicago sativa	2	8		3.33	2	0		0.67
Pascopyrum smithii	0	2		0.67	2	0		0.67
Thinopyrum ponticum			2	0.67			2	0.67
Total Acceptable Cover	6	20	22	16.01	6	2	8	5.34
Undesirable Species								
Bromus tectorum	6	6	4	5.33	2	0	0	0.67
Erodium cicutarium		2	6	2.67		2	6	2.67
Total Undesirable Cover	6	8	10	8	2	2	6	3.34
Total Vegetative Cover:	12	28	32	24.01	8	4	14	8.68
Litter	26	36	34	32	30	48	48	42
Rock	0	10	2	4	0	10	4	4.67
Standing Litter	2			0.67	0			0
Total Non-Vegetative Cover	28	46	36	36.67	30	58	52	46.67
Total Cover	40	74	68	60.68	38	62	66	55.35
Bare	60	26	32	39.33	62	36	34	44

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	2	58.31		
Atriplex canescens	3		24.99	
Bromus inermis	3			16.66
Bromus tectorum	3			
Convolvulus arvensis	Observed			
Dactylis glomerata	1			
Elymus lanceolatus	1	1	Flat	S
Elymus trachycaulus	Observed	2	12	S
Erodium cicutarium	2	3	5	S
Halogeton glomeratus	Observed			
Lactuca serriola	Observed			
Lepidium perfoliatum	Observed			
Marrubium vulgare	1			
Melilotus officinalis	Observed			
Medicago sativa	2			
Pascopyrum smithii	2			
Sarcobatus vermiculatus	Observed			
Sisymbrium altissimum	Observed			
Sphaeralcea coccinea ssp. coccinea	Observed			
Sphaeralcea parvifolia	Observed			
Thinopyrum ponticum	1			

Tragopogon dubius

Observed

PA 343-32



PA 343-32 North

Photo Date: 7/23/2008

X: 2290580.63971

Y: 1608859.51869



PA 343-32 East

Photo Date: 7/23/2008

X: 2290391.92043

Y: 1608895.39263



PA 343-32 South

Photo Date: 7/23/2008

X: 2290479.08433

Y: 1609085.37763



PA 343-32 West

Photo Date: 7/23/2008

X: 2290641.43385

Y: 1609036.51080



PA 343-32 Sample Point 1

Photo Date: 7/23/2008

X: 2290631.68080

Y: 1608992.56850



PA 343-32 Sample Point 2

Photo Date: 7/23/2008

X: 2290599.44805

Y: 1608916.30500



PA 343-32 Sample point 3

Photo Date: 7/23/2008

X: 2290490.92086

Y: 1609043.46550

Well ID: PA 343-34

Monitor Date: 7/17/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Approximate Seed Date:

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Reference Area % Cover: 25.8

Desirable Vegetation

Appears vigorous and self sustaining?

☐ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor:

Comments

Undesirable Vegetation

Noxious Weeds Present? Erodium. Kochia, Russian thistle, present.

Undesirable Species <5% of Total Cover:

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

Additional work needed to obtain 90% cover:

% Area in Use: 100

% Monitor: 0

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Major Facilities Issues:

Additional Comments:

PA 343-34

VEGETATION DATA

Vegetation Cover		First Hit % Cover				Ground Hit % Cover			
Species	T1	T2	T3	Mean	T1	T2	T3	Mean	

No Data

Species List

PA 343-34



PA 343-34 North

Photo Date: 7/17/2008

X: 2300887.84417 Y: 1609256.30627



PA 343-34 East

Photo Date: 7/17/2008

X: 2300902.81235 Y: 1609433.64897



PA 343-34 South

Photo Date: 7/17/2008

X: 2301056.51842 Y: 1609480.76263



PA 343-34 West

Photo Date: 7/17/2008

X: 2301155.00839 Y: 1609395.72963

Well ID: PA 43-33

Monitor Date: 7/23/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date:

Vegetation Community: Pinon-Juniper Woodland South Aspect

VEGETATION

Total Acceptable Vegetation % Cover: 16.01

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 94.22 Forbs 5.710 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☒ Litter

Size: Healthy

☒ Flowers / Seeds

☐ Seedlings

Color / Vigor: Healthy

Comments Not bad cover but cheatgrass and erodium dominate.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass interspersed heavily across site. Erodium also interspersed. East and northeast portion almost entirely cheatgrass and erodium.

Undesirable Species <5% of Total Cover: > 5%

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 10

% Monitor: 90

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Weed control for large patches and overseeding with desirables.

Major Facilities Issues:

Additional Comments:

VEGETATION DATA

Vegetation Cover

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Agropyron cristatum	6	10	28	14.67	0	4	20	8
Pascopyrum smithii			2	0.67			2	0.67
Unknown Aster 1	2			0.67	0			0
Total Acceptable Cover	8	10	30	16.01	0	4	22	8.67
Undesirable Species								
Bromus tectorum	4	16	0	6.67	0	2	0	0.67
Erodium cicutarium		2		0.67		2		0.67
Total Undesirable Cover	4	18	0	7.34	0	4	0	1.34
Total Vegetative Cover:	12	28	30	23.35	0	8	22	10.01
Litter	12	18	20	16.67	16	30	18	21.33
Rock	0	0	0	0	0	0	0	0
Standing Litter	2			0.67	0			0
Total Non-Vegetative Cover	14	18	20	17.34	16	30	18	21.33
Total Cover	26	46	50	40.69	16	38	40	31.34
Bare	74	54	50	59.33	84	62	60	68.67

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible			
Agropyron cristatum	3	Grasses	94.22	
Artemisia tridentata	Observed	Forbs	5.710	
Astragalus cicer	Observed	Shrubs	0	
Atriplex canescens	Observed			
Bassia scoparia	Observed			
Bromus inermis	3	Transect	% Slope	Aspect
Bromus tectorum	3	1	12	S/SW
Chrysothamnus viscidiflorus	Observed	2	10	W/SW
Convolvulus arvensis	Observed	3	3	S
Elymus lanceolatus	Observed			
Erodium cicutarium	1			
Eremopyrum triticeum	Observed			
Gutierrezia sarothrae	2			
Helianthus annuus	Observed			
Hordeum jubatum	Observed			
Leymus cinereus	Observed			
Melilotus officinalis	Observed			
Medicago sativa	Observed			
Pascopyrum smithii	1			
Poa sp.	Observed			
Salsola kali	Observed			
Sisymbrium altissimum	1			
Sphaeralcea coccinea	1			
ralcea coccinea ssp. coccinea	Observed			

Thinopyrum intermedium	1
Tragopogon dubius	Observed
Unknown Aster 1	1
Verbena bracteata	Observed

PA 43-33



PA 43-33 North

Photo Date: 7/23/2008

X: 2295317.93370 Y: 1609071.94194



PA 43-33 East

Photo Date: 7/23/2008

X: 2295283.39555 Y: 1609165.91852



PA 43-33 South

Photo Date: 7/23/2008

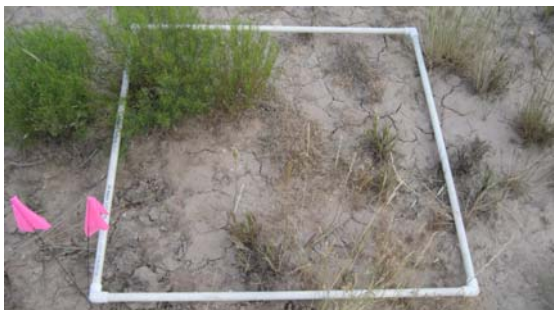
X: 2295438.99683 Y: 1609448.72563



PA 43-33 West

Photo Date: 7/23/2008

X: 2295496.62540 Y: 1609223.79817



PA 43-33 Sample Point 1

Photo Date: 7/23/2008

X: 2295270.31579 Y: 1609502.03570



PA 43-33 Sample Point 2

Photo Date: 7/23/2008

X: 2295348.85554 Y: 1609426.24270



PA 43-33 Sample Point 3

Photo Date: 7/23/2008

X: 2295374.59969 Y: 1609201.06569