

Well ID: GM 254-2

Monitor Date: 7/25/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2002

Vegetation Community: Pasture / Agricultural

VEGETATION

Total Acceptable Vegetation % Cover: 0.67

Reference Area % Cover: n/a

Relative % Cover of: Grasses 66.33 Forbs 33.17 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? No

☐ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor:

Comments Over-grazed, solid cheatgrass and some western wheatgrass. Most grasses grazed beyond recognition.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass, bindweed, chicory.

Undesirable Species <5% of Total Cover: n/a

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:

Seed with desirables and keep cattle off. Much of vegetation cover turned to litter due to heavy grazing.

Major Facilities Issues:

Additional Comments: Much of vegetation cover turned to litter due to heavy grazing.

VEGETATION DATA**Vegetation Cover**

Vegetation Cover		First Hit % Cover				Ground Hit % Cover			
	Species	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species									
	Pascopyrum smithii	2			0.67	0			0
Total Acceptable Cover		2			0.67	0			0
Undesirable Species									
	Convolvulus arvensis	2			0.67	2			0.67
	Eremopyrum triticeum		2		0.67		0		0
Total Undesirable Cover		2	2		1.34	2	0		0.67
Total Vegetative Cover:		4	2		2.01	2	0		0.67
	Litter	84	86	84	84.67	86	88	84	86
	Rock	0	0	0	0	0	0	0	0
Total Non-Vegetative Cover		84	86	84	84.67	86	88	84	86
Total Cover		88	88	84	86.68	88	88	84	86.67
	Bare	12	12	16	13.33	12	12	16	13.33

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Alyssum desertorum	Observed	66.33		
Artemisia tridentata	Observed		33.17	
Atriplex canescens	Observed			0
Bassia scoparia	Observed			
Bromus tectorum	3			
Camelina rumelica	1			
Chenopodium album	1			
Chrysothamnus viscidiflorus	Observed			
Cichorium intybus	Observed			
Convolvulus arvensis	1			
Eremopyrum triticeum	1			
Lepidium perfoliatum	Observed			
Pascopyrum smithii	1			
Rumex crispus	Observed			

Transect	% Slope	Aspect
1	2	E
2	5	E/NE
3	4	NE

GM 254-2



GM 254-2 North

Photo Date: 7/25/2008

X: 2270594.02972 Y: 1606355.86822



GM 254-2 East

Photo Date: 7/25/2008

X: 2270493.10153 Y: 1606433.99713



GM 254-2 South

Photo Date: 7/25/2008

X: 2270671.50892 Y: 1606505.74849



GM 254-2 West

Photo Date: 7/25/2008

X: 2270843.03945 Y: 1606481.63367



GM 254-2 Sample Point 1

Photo Date: 7/25/2008

X: 2270656.46421 Y: 1606486.28546



GM 254-2 Sample Point 2

Photo Date: 7/25/2008

X: 2270493.76240 Y: 1606440.49079



GM 254-2 Sample Point 3

Photo Date: 7/25/2008

X: 2270634.51846 Y: 1606371.23260

Well ID: GM 256-2

Monitor Date: 7/25/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2002

Vegetation Community: Pasture / Agricultural

VEGETATION

Total Acceptable Vegetation % Cover: 7.34

Reference Area % Cover: n/a

Relative % Cover of: Grasses 36.05 Forbs 63.91 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 Chicory, bindweed, cheatgrass, etc. Kochia present.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 5

% Monitor: 95

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Site completely choked by weedy species. Weed control and seed 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								
Chenopodium album	0	2		0.67	0	0		0
Pascopyrum smithii	2	10		4	2	6		2.67
Unknown Grass 4		2	6	2.67		2	6	2.67
Total Acceptable Cover	2	14	6	7.34	2	8	6	5.34
Undesirable Species								
Bassia scoparia	10	14	26	16.67	6	0	0	2
Bromus tectorum	0	4		1.33	0	0		0
Cichorium intybus	2			0.67	0			0
Convolvulus arvensis	6	0		2	6	0		2
Eremopyrum triticeum	0	18	2	6.67	0	8	4	4
Plantago lanceolata	4			1.33	4			1.33
Polygonum aviculare		6		2		0		0
Polygonum erectum	6		2	2.67	0		0	0
Total Undesirable Cover	28	42	30	33.34	16	8	4	9.33
Total Vegetative Cover:	30	56	36	40.68	18	16	10	14.67
Litter	16	26	10	17.33	22	52	10	28
Rock	0	0	0	0	0	0	0	0
Total Non-Vegetative Cover	16	26	10	17.33	22	52	10	28
Total Cover	46	82	46	58.01	40	68	20	42.67
Bare	54	18	54	42	60	32	80	57.33

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	1	36.05		
Alyssum desertorum	Observed		63.91	
Bassia scoparia	3			0
Bromus arvensis	Observed			
Bromus inermis	1			
Bromus tectorum	2			
Chenopodium album	2	1	Flat	(NE)
Cichorium intybus	1	2	Flat	(NE)
Convolvulus arvensis	2	3	Flat	(E)
Eremopyrum triticeum	3			
Grindelia squarrosa	Observed			
Helianthus annuus	1			
Hordeum jubatum	1			
Lactuca serriola	1			
Lepidium perfoliatum	Observed			
Medicago sativa	Observed			
Pascopyrum smithii	2			
Plantago lanceolata	1			
Polygonum aviculare	1			

Polygonum erectum	2
Rumex crispus	Observed
Sisymbrium altissimum	Observed
Tragopogon dubius	Observed
Unknown Grass 4	2

GM 256-2



GM 256-2 North

Photo Date: 7/25/2008

X: 2271697.46428 Y: 1606036.11602



GM 256-2 East

Photo Date: 7/25/2008

X: 2271696.27775 Y: 1606037.23263



GM 256-2 South

Photo Date: 7/25/2008

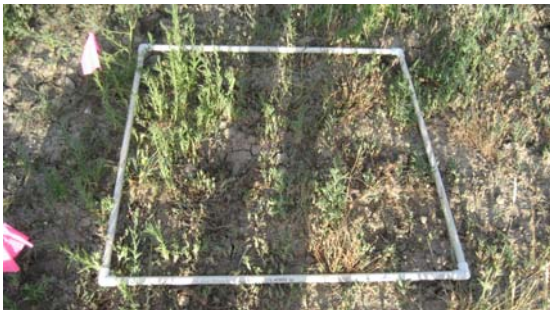
X: 2271736.94865 Y: 1606139.80810



GM 256-2 West

Photo Date: 7/25/2008

X: 2271834.21065 Y: 1606100.20538



GM 256-2 Sample Point 1

Photo Date: 7/25/2008

X: 2271752.91956 Y: 1606127.03866



GM 256-2 Sample Point 2

Photo Date: 7/25/2008

X: 2271673.39613 Y: 1606005.51126



GM 256-2 Sample Point 3

Photo Date: 7/25/2008

X: 2271825.46118 Y: 1605987.81498

Well ID: GM 266-3

Monitor Date: 7/25/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2007

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetative % Cover: 0

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 0 Forbs 99.83 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? No

☐ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor:

Comments Desirables overgrazed.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass, bindweed present across site.

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:

Site weedy and overgrazed, reseed 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
Undesirable Species								
Bassia scoparia	0	8	6	4.67	0	0	2	0.67
Lepidium perfoliatum			2	0.67			0	0
Sisymbrium altissimum	0	2		0.67	0	0		0
Total Undesirable Cover	0	10	8	6.01	0	0	2	0.67
Total Vegetative Cover:	0	10	8	6.01	0	0	2	0.67
Litter	92	26	52	56.67	92	38	58	62.67
Rock	0	4	0	1.33	0	8	0	2.67
Standing Litter		2		0.67		0		0
Total Non-Vegetative Cover	92	32	52	58.67	92	46	58	65.34
Total Cover	92	42	60	64.68	92	46	60	66.01
Bare	8	58	40	35.33	8	54	40	34

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Alyssum desertorum	Observed	0		
Bassia scoparia	3		99.83	
Bromus arvensis	1			0
Bromus tectorum	2			
Chrysothamnus viscidiflorus	Observed			
Convolvulus arvensis	1			
Eremopyrum triticeum	1			
Lactuca serriola	Observed			
Lepidium perfoliatum	1			
Melilotus officinalis	Observed			
Pascopyrum smithii	Observed			
Rumex crispus	Observed			
Sisymbrium altissimum	2			

Transect	% Slope	Aspect
1	12	E
2	Flat	(E)
3	Flat	(E)

GM 266-3



GM 266-3 North

Photo Date: 7/25/2008

X: 2269270.15314 Y: 1606848.36971



GM 266-3 East

Photo Date: 7/25/2008

X: 2269133.61956 Y: 1606935.29193



GM 266-3 South

Photo Date: 7/25/2008

X: 2269228.54738 Y: 1607221.00712



GM 266-3 West

Photo Date: 7/25/2008

X: 2269348.41557 Y: 1607126.79061



GM 266-3 Sample Point 1

Photo Date: 7/25/2008

X: 2269165.07897 Y: 1606958.08588



GM 266-3 Sample Point 2

Photo Date: 7/25/2008

X: 2269279.42023 Y: 1607118.48119



GM 266-3 Sample Point 3

Photo Date: 7/25/2008

X: 2269352.29109 Y: 1607031.72171

Well ID: GM 31-17

Monitor Date: 7/27/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Approximate Seed Date:

Vegetation Community: Pasture / Agricultural

VEGETATION

Reference Area % Cover: n/a

Desirable Vegetation

Appears vigorous and self sustaining?

☐ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor:

Comments

Undesirable Vegetation

Noxious Weeds Present? Bindweed. Kochia and 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:

GM 31-17

VEGETATION DATA

Vegetation Cover

First Hit % Cover

Ground Hit % Cover

Species

T1

T2

T3

Mean

T1

T2

T3

Mean

No Data

Species List

GM 31-17



GM 31-17 North

Photo Date: 7/27/2008

X: 2258229.40409

Y: 1628329.18205



GM 31-17 East

Photo Date: 7/27/2008

X: 2258133.81836

Y: 1628403.00289



GM 31-17 South

Photo Date: 7/27/2008

X: 2258295.56747

Y: 1628700.38151



GM 31-17 West

Photo Date: 7/27/2008

X: 2258353.69637

Y: 1628455.20035

Well ID: GM 312-28

Monitor Date: 8/5/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2004

Vegetation Community: Pasture / Agricultural

VEGETATION

Total Acceptable Vegetation % Cover: 6.67

Reference Area % Cover: n/a

Relative % Cover of: Grasses 46.41 Forbs 53.55 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 Bindweed, cheatgrass- entire site is weedy. Predominantly cheatgrass and annual wheatgrass; jointed goat grass and erodium also present. Kochia, present.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use:	5
% Monitor:	95
% Acceptable:	0
% Reclamation Complete:	0
% Restored:	0

Additional work needed to obtain 90% cover:

Weed control and overseed 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								
Ambrosia artemisiifolia		2		0.67		0		0
Unknown Mustard 7	18			6	0			0
Total Acceptable Cover	18	2		6.67	0	0		0
Undesirable Species								
Bassia scoparia		2		0.67		0		0
Bromus tectorum	20	8	24	17.33	0	4	10	4.67
Convolvulus arvensis		30		10		0		0
Descurainia sophia		2		0.67		0		0
Erodium cicutarium		2		0.67		0		0
Sisymbrium altissimum	2			0.67	0			0
Tragopogon dubius		2		0.67		0		0
Total Undesirable Cover	22	46	24	30.68	0	4	10	4.67
Total Vegetative Cover:	40	48	24	37.35	0	4	10	4.67
Litter	52	42	58	50.67	92	84	70	82
Rock	4	0	8	4	8	0	10	6
Total Non-Vegetative Cover	56	42	66	54.67	100	84	80	88
Total Cover	96	90	90	92.02	100	88	90	92.67
Bare	4	10	10	8	0	12	10	7.33

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Aegilops cylindrica	Observed	46.41		
Ambrosia artemisiifolia	1		53.55	
Amaranthus retroflexus	Observed			0
Bassia scoparia	1			
Bromus tectorum	3			
Chenopodium album	Observed			
Convolvulus arvensis	1	1	7	S
Descurainia sophia	1	2	10	S
Erodium cicutarium	1	3	4	S
Eremopyrum triticeum	1			
Hordeum jubatum	Observed			
Lactuca serriola	Observed			
Lepidium perfoliatum	1			
Medicago sativa	Observed			
Plantago lanceolata	Observed			
Portulaca oleracea	Observed			
Sisymbrium altissimum	1			
Tragopogon dubius	1			
Unknown Mustard 7	1			

GM 312-28



GM 312-28 North

Photo Date: 8/5/2008

X: 2260084.55860

Y: 1615974.73124



GM 312-28 East

Photo Date: 8/5/2008

X: 2260060.82771

Y: 1616065.66080



GM 312-28 South

Photo Date: 8/5/2008

X: 2260217.93678

Y: 1616126.37029



GM 312-28 West

Photo Date: 7/27/2008

X: 2260248.74584

Y: 1615994.99321



GM 312-28 Sample Point 1

Photo Date: 7/27/2008

X: 2260089.93452

Y: 1616019.98398



GM 312-28 Sample Point 2

Photo Date: 8/5/2008

X: 2260173.40492

Y: 1616065.57533



GM 312-28 Sample Point 3

Photo Date: 8/5/2008

X: 2260240.47128

Y: 1615946.79483

Well ID: GM 313-12

Monitor Date: 7/27/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed
Graded.

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, 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:

GM 313-12

VEGETATION DATA

Vegetation Cover

First Hit % Cover

Ground Hit % Cover

Species

T1

T2

T3

Mean

T1

T2

T3

Mean

No Data

Species List

GM 313-12



GM 313-12 North

Photo Date: 7/27/2008

X: 2275709.97985

Y: 1598772.58439



GM 313-12 East

Photo Date: 7/27/2008

X: 2275496.83406

Y: 1598887.79632



GM 313-12 South

Photo Date: 7/27/2008

X: 2275615.43409

Y: 1598963.07662



GM 313-12 West

Photo Date: 7/27/2008

X: 2275757.26987

Y: 1598923.57226

Well ID: GM 31-34

Monitor Date: 7/24/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2002

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 18.66

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 96.81 Forbs 3.227 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Healthy, has been grazed

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor: Healthy

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass interspersed, larger patch on southeast portion. Some bindweed, halogeton, erodium, and Russian thistle also present.

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:

Overseed with desirables. Weed control for bindweed, cheatgrass, Russian thistle.

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	14	22	10	15.33	8	16	8	10.67
Bromus inermis			10	3.33			6	2
Total Acceptable Cover	14	22	20	18.66	8	16	14	12.67
Undesirable Species								
Bromus tectorum	4	0		1.33	0	0		0
Erodium cicutarium	2			0.67	2			0.67
Total Undesirable Cover	6	0		2	2	0		0.67
Total Vegetative Cover:	20	22	20	20.66	10	16	14	13.34
Litter	50	30	26	35.33	60	34	32	42
Rock	0	0	0	0	0	0	0	0
Standing Litter		2		0.67		0		0
Total Non-Vegetative Cover	50	32	26	36	60	34	32	42
Total Cover	70	54	46	56.66	70	50	46	55.34
Bare	30	46	54	43.33	30	50	54	44.67

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	3	96.81		
Artemisia tridentata	Observed		3.227	
Astragalus cicer	Observed			0
Atriplex canescens	Observed			
Atriplex confertifolia	Observed			
Bassia scoparia	Observed			
Bromus inermis	1			
Bromus tectorum	2			
Chrysothamnus viscidiflorus	Observed			
Convolvulus arvensis	Observed			
Dactylis glomerata	Observed			
Elymus trachycaulus	Observed			
Erodium cicutarium	1			
Grindelia squarrosa	Observed			
Halogeton glomeratus	Observed			
Helianthus annuus	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	Observed			
Medicago sativa	Observed			
Pascopyrum smithii	1			
Polygonum aviculare	Observed			
Psathyrostachys juncea	Observed			
Salsola kali	Observed			
Sarcobatus vermiculatus	Observed			
Stanleya pinnata	Observed			

Transect	% Slope	Aspect
1	5	S
2	8	NW
3	Flat	(SW)

Tragopogon dubius Observed

GM 31-34



GM 31-34 North

Photo Date: 7/24/2008

X: 2267912.87614 Y: 1612784.82034



GM 31-34 East

Photo Date: 7/24/2008

X: 2267925.81510 Y: 1612766.37706



GM 31-34 South

Photo Date: 7/24/2008

X: 2268076.41762 Y: 1612910.76229



GM 31-34 West

Photo Date: 7/24/2008

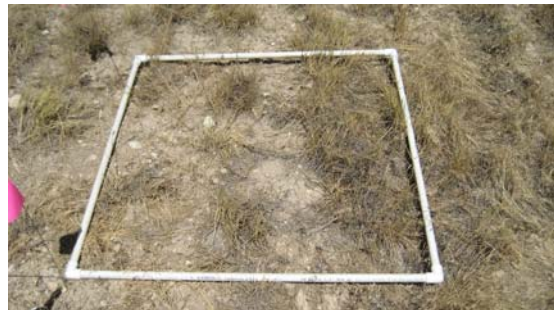
X: 2268105.84680 Y: 1612911.85716



GM 31-34 Sample Point 1

Photo Date: 7/24/2008

X: 2267975.91527 Y: 1612921.76603



GM 31-34 Sample Point 2

Photo Date: 7/24/2008

X: 2268025.16232 Y: 1612785.51435



GM 31-34 Sample Point 3

Photo Date: 7/24/2008

X: 2267926.39186 Y: 1612719.43495

Well ID: GM 32-2

Monitor Date: 7/25/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2007

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 3.34

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 99.98 Forbs 0 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size:

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor:

Comments Annual wheat senesced, other small desirables ok.

Undesirable Vegetation

Noxious Weeds Present? Yes Some bindweed and cheatgrass interspersed, kochia in patches.

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:

Treat kochia so desirables more successfully establish in areas where kochia dominates 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								
Pascopyrum smithii	4	4	0	2.67	0	0	0	0
xTriticosecale rimpai 2	0		2	0.67	0		2	0.67
Total Acceptable Cover	4	4	2	3.34	0	0	2	0.67
Undesirable Species								
Eremopyrum triticeum	34	2	4	13.33	0	0	0	0
Total Undesirable Cover	34	2	4	13.33	0	0	0	0
Total Vegetative Cover:	38	6	6	16.67	0	0	2	0.67
Litter	32	34	66	44	64	36	70	56.67
Rock	0	6	8	4.67	0	8	8	5.33
Total Non-Vegetative Cover	32	40	74	48.67	64	44	78	62
Total Cover	70	46	80	65.34	64	44	80	62.67
Bare	30	54	20	34.67	36	56	20	37.33

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Atriplex confertifolia	Observed	99.98		
Bassia scoparia	3		0	
Bromus tectorum	Observed			0
Chenopodium album	Observed			
Convolvulus arvensis	Observed			
Eremopyrum triticeum	3			
Lactuca serriola	1	1	3	SE
Lepidium perfoliatum	Observed	2	10	SW
Pascopyrum smithii	3	3	7	S
Ratibida columnifera	Observed			
Sarcobatus vermiculatus	Observed			
Thinopyrum intermedium	Observed			
Thinopyrum ponticum	Observed			
xTriticosecale rimpai 2	2			

GM 32-2



GM 32-2 North

Photo Date: 7/25/2008

X: 2273072.43851 Y: 1605615.05431



GM 32-2 East

Photo Date: 7/25/2008

X: 2272937.30397 Y: 1605894.27567



GM 32-2 South

Photo Date: 7/25/2008

X: 2273115.16743 Y: 1605802.96224



GM 32-2 West

Photo Date: 7/25/2008

X: 2273277.44089 Y: 1605611.29463



GM 32-2 Sample Point 1

Photo Date: 7/25/2008

X: 2273230.21331 Y: 1605623.57328



GM 32-2 Sample Point 2

Photo Date: 7/25/2008

X: 2273147.63327 Y: 1605704.01255



GM 32-2 Sample Point 3

Photo Date: 7/25/2008

X: 2272990.63613 Y: 1605859.50346

Well ID: GM 32-29

Monitor Date: 7/26/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2001

Vegetation Community: Pinon-Juniper Woodland South Aspect

VEGETATION

Total Acceptable Vegetation % Cover: 22.67

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 93.33 Forbs 0 Shrubs 6.667

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☒ Litter

Size: Healthy

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor: Healthy

Comments Some sparse areas, but overall good cover.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass interspersed, some bindweed and kochia in in-use area.
Tamarisk present.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use:	5
% Monitor:	10
% Acceptable:	85
% Reclamation Complete:	0
% Restored:	0

Additional work needed to obtain 90% cover:

Possibly overseed sparse areas, otherwise monitor.

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 confertifolia	4	0	0	1.33	0	0	0	0
Bromus arvensis		0	2	0.67		0	2	0.67
Bromus inermis	10	0		3.33	2	0		0.67
Pascopyrum smithii	34	12	4	16.67	10	0	4	4.67
Sarcobatus vermiculatus	0		2	0.67	0		0	0
Total Acceptable Cover	48	12	8	22.67	12	0	6	6.01
Undesirable Species								
Bromus tectorum	8	6	8	7.33	0	0	0	0
Total Undesirable Cover	8	6	8	7.33	0	0	0	0
Total Vegetative Cover:	56	18	16	30	12	0	6	6.01
Litter	38	44	42	41.33	82	62	50	64.67
Rock	0	0	4	1.33	0	0	4	1.33
Total Non-Vegetative Cover	38	44	46	42.66	82	62	54	66
Total Cover	94	62	62	72.66	94	62	60	72.01
Bare	6	38	38	27.33	6	38	40	28

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Achnatherum hymenoides	1	93.33	0	6.667
Atriplex confertifolia	3			
Bassia scoparia	1			
Bromus arvensis	2			
Bromus inermis	2			
Bromus tectorum	3			
Chenopodium album	Observed	1	20	NE
Chrysothamnus viscidiflorus	1	2	15	E
Convolvulus arvensis	Observed	3	5	E/SE
Elymus lanceolatus	Observed			
Elymus trachycaulus	Observed			
Eremopyrum triticeum	Observed			
Grindelia squarrosa	1			
Lactuca serriola	Observed			
Leymus cinereus	Observed			
Lepidium perfoliatum	Observed			
Melilotus officinalis	Observed			
Medicago sativa	1			
Pascopyrum smithii	3			
Sarcobatus vermiculatus	2			
Tamarix ramosissima	Observed			
Tragopogon dubius	1			
Unknown Aster 1	Observed			
Unknown Fabaceae 3	1			

GM 32-29



GM 32-29 North

Photo Date: 7/26/2008

X: 2258305.66434 Y: 1616260.01706



GM 32-29 East

Photo Date: 7/26/2008

X: 2258159.61794 Y: 1616295.02930



GM 32-29 South

Photo Date: 7/26/2008

X: 2258175.64834 Y: 1616310.39308



GM 32-29 West

Photo Date: 7/26/2008

X: 2258234.26280 Y: 1616167.95637



GM 32-29 Sample Point 1

Photo Date: 7/26/2008

X: 2258160.23853 Y: 1616153.76304



GM 32-29 Sample Point 2

Photo Date: 7/26/2008

X: 2258225.95446 Y: 1616254.00221



GM 32-29 Sample Point 3

Photo Date: 7/26/2008

X: 2258295.61156 Y: 1616287.77061

Well ID: GM 323-28

Monitor Date: 7/26/2008

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: 13.34

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 79.06 Forbs 18.60 Shrubs 2.325

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Healthy / large

☒ Flowers / Seeds

☐ Seedlings

Color / Vigor: Green and healthy

Comments Generally good but weedy patches.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass and erodium interspersed, some Russian thistle and kochia. Large patch of cheatgrass and erodium on north and northwest portion of pad.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 20

% Monitor: 40

% Acceptable: 40

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Some weed control and overseeding in weedy and sparse 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	4	0	2	2	0	0	0	0
Sarcobatus vermiculatus			2	0.67			0	0
Thinopyrum intermedium	22	10	0	10.67	10	2	0	4
Total Acceptable Cover	26	10	4	13.34	10	2	0	4
Undesirable Species								
Bromus tectorum		26	4	10		0	0	0
Erodium cicutarium		0	12	4		0	0	0
Salsola kali	4			1.33	0			0
Total Undesirable Cover	4	26	16	15.33	0	0	0	0
Total Vegetative Cover:	30	36	20	28.67	10	2	0	4
Litter	16	58	64	46	30	92	84	68.67
Rock	2	2	0	1.33	2	2	0	1.33
Total Non-Vegetative Cover	18	60	64	47.33	32	94	84	70
Total Cover	48	96	84	76	42	96	84	74
Bare	52	4	16	24	58	4	16	26

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	1			
Atriplex canescens	Observed			
Bassia scoparia	1			
Bromus tectorum	2			
Chrysothamnus viscidiflorus	2			
Convolvulus arvensis	2			
Elymus lanceolatus	Observed			
Erodium cicutarium	2			
Eremopyrum triticeum	1			
Halogeton glomeratus	1			
Lactuca serriola	Observed			
Lepidium perfoliatum	Observed			
Pascopyrum smithii	1			
Polygonum aviculare	Observed			
Psathyrostachys juncea	3			
Salsola kali	1			
Sarcobatus vermiculatus	1			
Thinopyrum intermedium	3			
Thinopyrum ponticum	Observed			
Tragopogon dubius	Observed			

Transect	% Slope	Aspect
1	3	S/SW
2	12	S/SW
3	35	S/SW

GM 323-28



GM 323-28 North

Photo Date: 7/26/2008

X: 2262150.48867 Y: 1614649.94115



GM 323-28 East

Photo Date: 7/26/2008

X: 2262120.68413 Y: 1614667.75142



GM 323-28 South

Photo Date: 7/26/2008

X: 2262189.08291 Y: 1614881.28585



GM 323-28 West

Photo Date: 7/26/2008

X: 2262307.71254 Y: 1614659.97539



GM 323-28 Sample Point 1

Photo Date: 7/26/2008

X: 2262106.87227 Y: 1614715.00975



GM 323-28 Sample Point 2

Photo Date: 7/26/2008

X: GPS data not available Y:



GM 323-28 Sample Point 3

Photo Date: 7/26/2008

X: 2262216.31637 Y: 1614888.90902

Well ID: GM 34-17

Monitor Date: 7/27/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Area being grazed during monitoring.

Approximate Seed Date: 2007

Vegetation Community: Pasture / Agricultural

Area being grazed during monitoring.

VEGETATION

Total Acceptable Vegetation % Cover: 10.01

Reference Area % Cover: n/a

Relative % Cover of: Grasses 70.48 Forbs 23.49 Shrubs 5.874

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Healthy but small and being grazed

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor: Healthy

Comments Desirables growing but sparse in many areas.

Undesirable Vegetation

Noxious Weeds Present? Yes Erodium, chicory, cheatgrass, bindweed interspersed among desirables. Some tamarisk plants (5-6) on east portion.

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:

Area being grazed during monitoring. Overseed with desirables and restrict grazing until established.

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								
Bromus arvensis		2		0.67		0		0
Chrysothamnus viscidiflorus	2			0.67				0
Hordeum jubatum	8	10	2	6.67	6	2	0	2.67
Medicago sativa		0	4	1.33		0	0	0
Unknown Grass 3	0	0	2	0.67	2	0	2	1.33
Total Acceptable Cover	10	12	8	10.01	8	2	2	4
Undesirable Species								
Cichorium intybus	2	0	0	0.67	0	0	0	0
Taraxacum officinale	0	0	2	0.67	0	0	0	0
Total Undesirable Cover	2	0	2	1.34	0	0	0	0
Total Vegetative Cover:	12	12	10	11.35	8	2	2	4
Litter	4	42	36	27.33	4	54	44	34
Rock	8	6	6	6.67	8	4	6	6
Standing Litter	4	2		2	0	0		0
Total Non-Vegetative Cover	16	50	42	36	12	58	50	40
Total Cover	28	62	52	47.35	20	60	52	44
Bare	72	38	48	52.67	80	40	48	56

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Alyssum desertorum	Observed	70.48		
Bassia scoparia	1		23.49	
Bromus arvensis	1			5.874
Bromus inermis	Observed			
Bromus tectorum	Observed			
Chrysothamnus viscidiflorus	1			
Cichorium intybus	3	1	13	SW
Convolvulus arvensis	2	2	10	SW
Erodium cicutarium	Observed	3	8	SW
Grindelia squarrosa	1			
Helianthus annuus	Observed			
Hordeum jubatum	3			
Lactuca serriola	1			
Lepidium perfoliatum	1			
Medicago sativa	2			
Plantago major	2			
Rosa sp.	Observed			
Salix amygdaloides	Observed			
Sisymbrium altissimum	Observed			
Taraxacum officinale	3			
Tamarix ramosissima	Observed			
Unknown Grass 3	3			

GM 34-17



GM 34-17 North

Photo Date: 7/27/2008

X: 2258147.62767 Y: 1624290.53947



GM 34-17 East

Photo Date: 7/27/2008

X: 2258047.77051 Y: 1624332.88659



GM 34-17 South

Photo Date: 7/27/2008

X: 2258173.28120 Y: 1624482.37645



GM 34-17 West

Photo Date: 7/27/2008

X: 2258224.82382 Y: 1624398.29404



GM 34-17 Sample Point 1

Photo Date: 7/27/2008

X: 2258102.15413 Y: 1624534.46012



GM 34-17 Sample Point 2

Photo Date: 7/27/2008

X: 2258151.00494 Y: 1624462.13848



GM 34-17 Sample Point 3

Photo Date: 7/27/2008

X: 2258165.37119 Y: 1624354.71401

Well ID: GM 34-20

Monitor Date: 7/26/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2004

Vegetation Community: Pasture / Agricultural

VEGETATION

Total Acceptable Vegetation % Cover: 12

Reference Area % Cover: n/a

Relative % Cover of: Grasses 38.47 Forbs 61.55 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☒ Litter

Size: Healthy

☒ Flowers / Seeds

☐ Seedlings

Color / Vigor: Healthy

Comments Looks ok but lots of weedy vegetation and sparse areas.

Undesirable Vegetation

Noxious Weeds Present? Yes Bindweed, chicory and kochia interspersed among desirables across site.

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:

Overseed 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								
Medicago sativa	2			0.67	0			0
Psathyrostachys juncea		14	4	6		4	0	1.33
Thinopyrum intermedium	10	6		5.33	4	4		2.67
Total Acceptable Cover	12	20	4	12	4	8	0	4
Undesirable Species								
Bromus tectorum	4		2	2	0		0	0
Cichorium intybus	4	0		1.33	2	0		0.67
Convolvulus arvensis	0	2	16	6	0	0	0	0
Lepidium perfoliatum			30	10			0	0
Sanguisorba minor	4	6	0	3.33	0	2	0	0.67
Total Undesirable Cover	12	8	48	22.66	2	2	0	1.34
Total Vegetative Cover:	24	28	52	34.66	6	10	0	5.34
Litter	30	14	40	28	44	24	90	52.67
Rock	6	4	2	4	4	4	2	3.33
Total Non-Vegetative Cover	36	18	42	32	48	28	92	56
Total Cover	60	46	94	66.66	54	38	92	61.34
Bare	40	54	6	33.33	46	62	8	38.67

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	1	38.47		
Bromus inermis	1		61.55	
Bromus tectorum	2			0
Chrysothamnus viscidiflorus	Observed			
Cichorium intybus	2			
Convolvulus arvensis	3			
Elymus lanceolatus	Observed			
Elymus trachycaulus	Observed			
Eremopyrum triticeum	1			
Helianthus annuus	Observed			
Hordeum jubatum	1			
Lactuca serriola	Observed			
Lepidium perfoliatum	1			
Medicago sativa	1			
Pascopyrum smithii	1			
Plantago major	Observed			
Psathyrostachys juncea	2			
Sanguisorba minor	3			
Thinopyrum intermedium	2			
Thinopyrum ponticum	Observed			

Transect	% Slope	Aspect
1	3	NE
2	5	NE
3	3	NE

GM 34-20



GM 34-20 North

Photo Date: 7/26/2008

X: 2258001.41134 Y: 1619219.90391



GM 34-20 East

Photo Date: 7/26/2008

X: 2257849.98133 Y: 1619285.62085



GM 34-20 South

Photo Date: 7/26/2008

X: 2257893.97244 Y: 1619399.76217



GM 34-20 West

Photo Date: 7/26/2008

X: 2258039.54665 Y: 1619355.43335



GM 34-20 Sample Point 1

Photo Date: 7/26/2008

X: 2257881.36244 Y: 1619256.93923



GM 34-20 Sample Point 2

Photo Date: 7/26/2008

X: 2258052.00626 Y: 1619211.25957



GM 34-20 Sample Point 3

Photo Date: 7/26/2008

X: 2258037.58556 Y: 1619299.19456

Well ID: GM 34-33

Monitor Date: 7/25/2008

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: 30.66

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 86.98 Forbs 2.174 Shrubs 10.87

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Some healthy, some stunted

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor: Dome green/large, some

Comments Dry-looking on southwest side, better on east and northeast.

Undesirable Vegetation

Noxious Weeds Present? Yes Some cheatgrass, kochia.

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

EROSION

Erosion Issues: Rills >3"

Erosion photo 1: on west /northwest side.

BLM RECLAMATION TIMETABLE:

% Area in Use: 30

% Monitor: 40

% Acceptable: 30

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Overseed sparse/redisturbed area.

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 confertifolia			10	3.33			2	0.67
Bromus inermis	0	2	2	1.33	0	2	0	0.67
Medicago sativa		0	2	0.67		0	0	0
Pascopyrum smithii	46	8	10	21.33	4	4	4	4
Poa pratensis			12	4			2	0.67
Total Acceptable Cover	46	10	36	30.66	4	6	8	6.01
Total Vegetative Cover:	46	10	36	30.66	4	6	8	6.01
Litter	48	12	46	35.33	94	20	70	61.33
Rock	0	0	2	0.67	0	0	2	0.67
Total Non-Vegetative Cover	48	12	48	36	94	20	72	62
Total Cover	94	22	84	66.66	98	26	80	68.01
Bare	6	78	16	33.33	2	74	20	32

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible			
Achnatherum hymenoides	Observed	Grasses	86.98	
Agropyron cristatum	Observed	Forbs	2.174	
Astragalus cicer	Observed	Shrubs	10.87	
Atriplex canescens	1			
Atriplex confertifolia	1			
Bassia scoparia	Observed			
Bromus arvensis	Observed	1	Flat	(NE)
Bromus inermis	3	2	Flat	(NE)
Bromus tectorum	Observed	3	20	NE
Chenopodium album	Observed			
Chrysothamnus viscidiflorus	Observed			
Eremopyrum triticeum	Observed			
Grindelia squarrosa	Observed			
Lactuca serriola	Observed			
Leymus cinereus	1			
Melilotus officinalis	Observed			
Medicago sativa	2			
Pascopyrum smithii	3			
Penstemon palmeri	Observed			
Polygonum aviculare	Observed			
Poa pratensis	1			
Taraxacum officinale	Observed			
Thinopyrum intermedium	Observed			

GM 34-33



GM 34-33 North

Photo Date: 7/25/2008

X: 2263238.11184 Y: 1608680.17884



GM 34-33 East

Photo Date: 7/25/2008

X: 2263232.94171 Y: 1608744.81639



GM 34-33 South

Photo Date: 7/25/2008

X: 2263368.49303 Y: 1608816.75992



GM 34-33 West

Photo Date: 7/25/2008

X: 2263394.42730 Y: 1608712.94477



GM 34-33 Sample Point 1

Photo Date: 7/25/2008

X: 2263244.58690 Y: 1608627.42227



GM 34-33 Sample Point 2

Photo Date: 7/25/2008

X: 2263251.52235 Y: 1608736.14043



GM 34-33 Sample Point 3

Photo Date: 7/25/2008

X: 2263382.92039 Y: 1608813.40090



GM 34-33 Erosion Picture 1

Photo Date: 7/25/2008

X: 2263293.12976 Y: 1608795.96641

Well ID: GM 43-33

Monitor Date: 7/26/2008

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: 18.67

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 65.21 Forbs 0 Shrubs 34.78

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, kochia interspersed among desirables and dominate site.

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:

Overseed 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								
Sarcobatus vermiculatus	12			4	0			0
Sporobolus airoides			24	8			6	2
Unknown Shrub 1		20		6.67		0		0
Total Acceptable Cover	12	20	24	18.67	0	0	6	2
Undesirable Species								
Bromus tectorum	2	2		1.33	0	0		0
Eremopyrum triticeum	26	6		10.67	0	0		0
Total Undesirable Cover	28	8		12	0	0		0
Total Vegetative Cover:	40	28	24	30.67	0	0	6	2
Litter	60	58	48	55.33	100	88	64	84
Rock	0	2	0	0.67	0	2	0	0.67
Total Non-Vegetative Cover	60	60	48	56	100	90	64	84.67
Total Cover	100	88	72	86.67	100	90	70	86.67
Bare	0	12	28	13.33	0	10	30	13.33

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible			
Agropyron cristatum	Observed	Grasses	65.21	
Bassia scoparia	Observed	Forbs	0	
Bromus tectorum	2	Shrubs	34.78	
Chenopodium album	1			
Chrysothamnus viscidiflorus	Observed			
Elymus lanceolatus	Observed			
Eremopyrum triticeum	2	1	3	N/NW
Halogeton glomeratus	1	2	Flat	(SE)
Lepidium perfoliatum	2	3	5	S/SW
Sarcobatus vermiculatus	1			
Sporobolus airoides	1			
Tamarix ramosissima	Observed			
Unknown Shrub 1	1			

GM 43-33



GM 43-33 North

Photo Date: 7/26/2008

X: 2264781.60391 Y: 1610167.98833



GM 43-33 East

Photo Date: 7/26/2008

X: 2264661.01906 Y: 1610174.42585



GM 43-33 South

Photo Date: 7/26/2008

X: 2264666.46789 Y: 1610341.32114



GM 43-33 West

Photo Date: 7/26/2008

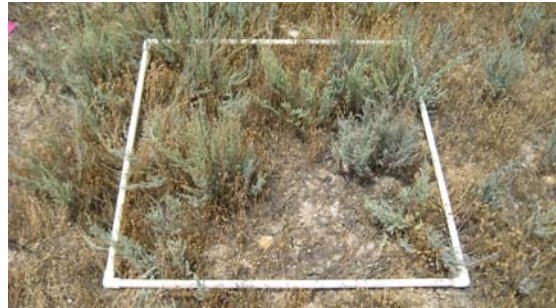
X: 2264800.58264 Y: 1610270.07672



GM 43-33 Sample Point 1

Photo Date: 7/26/2008

X: 2264758.45459 Y: 1610155.47899



GM 43-33 Sample Point 2

Photo Date: 7/26/2008

X: 2264790.47936 Y: 1610245.50888



GM 43-33 Sample Point 3

Photo Date: 7/26/2008

X: 2264607.30757 Y: 1610323.96162

Well ID: GM 44-11

Monitor Date: 7/27/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Recently seeded.

Approximate Seed Date: 2008

Vegetation Community: Pinon-Juniper Woodland South Aspect

VEGETATION

Total Acceptable Vegetation % Cover: 0.67

Reference Area % Cover: 10.2

90% of Reference Area? No

Relative % Cover of: Grasses 5.879 Forbs 94.06 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? No

☒ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☒ Seedlings

Color / Vigor:

Comments Just seeded and seedlings present.

Undesirable Vegetation

Noxious Weeds Present? Yes Kochia on some portions.

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

EROSION

Erosion Issues: Rills >3"

Erosion photo 1: rilling on west /southwest portion, rilling all along southwest portion of pad.

BLM RECLAMATION TIMETABLE:

% Area in Use: 30

% Monitor: 70

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Recently seeded. Monitor to ensure desirable success.

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								
Unidentifiable grass	2			0.67	0			0
Total Acceptable Cover	2			0.67	0			0
Undesirable Species								
Bassia scoparia	12		14	8.67	0		4	1.33
Halogeton glomeratus	4		0	1.33	0		0	0
Lepidium perfoliatum	2			0.67	0			0
Total Undesirable Cover	18		14	10.67	0		4	1.33
Total Vegetative Cover:	20		14	11.34	0		4	1.33
Litter	24	8	14	15.33	32	8	16	18.67
Rock	2	2	6	3.33	2	2	6	3.33
Total Non-Vegetative Cover	26	10	20	18.66	34	10	22	22
Total Cover	46	10	34	30	34	10	26	23.33
Bare	54	90	66	70	66	90	74	76.67

Species List

Species	Frequency on Pad	Relative % Cover	
	# of occurrences out of 3 possible		
Bassia scoparia	2	Grasses	5.879
Eremopyrum triticeum	1	Forbs	94.06
Halogeton glomeratus	2	Shrubs	0
Lepidium perfoliatum	1		
Unidentifiable grass	1		
		Transect	% Slope Aspect
		1	48 E/SE
		2	30 N
		3	28 N/NE

GM 44-11



GM 44-11 North

Photo Date: 7/27/2008

X: 2274200.18066 Y: 1597556.84498



GM 44-11 East

Photo Date: 7/27/2008

X: 2274039.83943 Y: 1597688.10795



GM 44-11 South

Photo Date: 7/27/2008

X: 2274089.14018 Y: 1597761.51755



GM 44-11 West

Photo Date: 7/27/2008

X: 2274231.30069 Y: 1597570.39232



GM 44-11 Sample Point 1

Photo Date: 7/27/2008

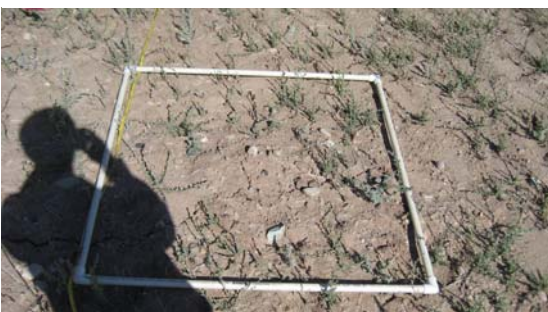
X: 2274024.74141 Y: 1597763.89656



GM 44-11 Sample Point 2

Photo Date: 7/27/2008

X: 2274121.55072 Y: 1597633.31633



GM 44-11 Sample Point 3

Photo Date: 7/27/2008

X: 2274285.42385 Y: 1597496.89152



GM 44-11 Erosion Picture 1

Photo Date: 7/27/2008

X: 2274216.80885 Y: 1597658.16690

Well ID: GM 44-20

Monitor Date: 7/24/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Area being grazed during monitoring.

Approximate Seed Date: 2004

Vegetation Community: Pasture / Agricultural

Area being grazed during monitoring.

VEGETATION

Total Acceptable Vegetation % Cover: 20.67

Reference Area % Cover: n/a

Relative % Cover of: Grasses 63.04 Forbs 36.95 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Healthy

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor: Healthy

Comments Desirable growth good but dominated by weeds.

Undesirable Vegetation

Noxious Weeds Present? Yes Bindweed, erodium, kochia interspersed among desirables.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 10

% Monitor: 70

% Acceptable: 20

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Overseed with desirables to limit weeds. Area being grazed during monitoring- restrict grazing.

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								
Bromus arvensis	2			0.67	0			0
Grindelia squarrosa	4		0	1.33	0		0	0
Pascopyrum smithii	12			4	2			0.67
Psathyrostachys juncea	4		2	2	4		0	1.33
Thinopyrum intermedium	8	26	4	12.67	2	8	0	3.33
Total Acceptable Cover	30	26	6	20.67	8	8	0	5.33
Undesirable Species								
Bassia scoparia	4	24	2	10	0	4	0	1.33
Total Undesirable Cover	4	24	2	10	0	4	0	1.33
Total Vegetative Cover:	34	50	8	30.67	8	12	0	6.66
Litter	8	2	4	4.67	8	10	4	7.33
Rock	8	2	10	6.67	12	2	10	8
Standing Litter	2	2		1.33	0	0		0
Total Non-Vegetative Cover	18	6	14	12.67	20	12	14	15.33
Total Cover	52	56	22	43.34	28	24	14	21.99
Bare	48	44	78	56.67	72	76	86	78

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	Observed	63.04		
Alyssum desertorum	Observed		36.95	
Bassia scoparia	3			0
Bromus arvensis	1			
Bromus tectorum	1			
Chenopodium album	Observed			
Chrysothamnus viscidiflorus	Observed			
Cichorium intybus	Observed			
Convolvulus arvensis	1			
Dactylis glomerata	Observed			
Elymus trachycaulus	Observed			
Erodium cicutarium	Observed			
Grindelia squarrosa	2			
Halogeton glomeratus	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	Observed			
Lepidium perfoliatum	Observed			
Melilotus officinalis	Observed			
Medicago sativa	Observed			
Pascopyrum smithii	1			
Plantago major	Observed			
Psathyrostachys juncea	2			
Thinopyrum intermedium	3			

Transect	% Slope	Aspect
1	10	W
2	5	E/NE
3	10	W

Thinopyrum ponticum	Observed
Tragopogon dubius	1

GM 44-20



GM 44-20 North

Photo Date: 7/27/2008

X: 2259320.68088 Y: 1619479.22294



GM 44-20 East

Photo Date: 7/27/2008

X: 2259268.35556 Y: 1619565.67911



GM 44-20 South

Photo Date: 7/27/2008

X: 2259462.44204 Y: 1619822.28586



GM 44-20 West

Photo Date: 7/27/2008

X: 2259513.56894 Y: 1619653.24407



GM 44-20 Sample Point 1

Photo Date: 7/27/2008

X: 2259268.86865 Y: 1619652.74842



GM 44-20 Sample Point 2

Photo Date: 7/27/2008

X: 2259343.51427 Y: 1619505.02625



GM 44-20 Sample Point 3

Photo Date: 7/27/2008

X: 2259452.92548 Y: 1619641.36739