

Well ID: GM 204-29

Monitor Date: 7/26/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2003

Vegetation Community: Oak Brush Mountain Shrubland With juniper.

VEGETATION

Total Acceptable Vegetation % Cover: 21.34

Reference Area % Cover: 31.2

90% of Reference Area? No

Relative % Cover of: Grasses 89.18 Forbs 2.702 Shrubs 8.107

Desirable Vegetation

Appears vigorous and self sustaining? Yes

New Shoots

Litter

Size: Healthy

Flowers / Seeds

Seedlings

Color / Vigor: Healthy

Comments Good shrubs w/ some sparse areas.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass interspersed. Erodium Present.

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

EROSION

Erosion Issues: Rills >3"

Erosion photo 1: large rill on east /northeast side looking east
Erosion photo 2: rill on east portion looking east
Erosion photo 3: rills on east portion looking northeast
Erosion photo 4: rills on south /southwest portion looking southeast
Erosion photo 5: gully on west portion looking east

BLM RECLAMATION TIMETABLE:

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

Additional work needed to obtain 90% cover:

Overseed 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								
Bromus inermis		2	0	0.67		0	0	0
Pascopyrum smithii	6	10	38	18	0	0	24	8
Unknown Atriplex 2	6			2	0			0
Unknown Fabaceae 3		2		0.67		0		0
Total Acceptable Cover	12	14	38	21.34	0	0	24	8
Undesirable Species								
Bromus tectorum	4	6	0	3.33	0	0	0	0
Total Undesirable Cover	4	6	0	3.33	0	0	0	0
Total Vegetative Cover:	16	20	38	24.67	0	0	24	8
Litter	16	44	36	32	26	60	52	46
Rock	6	0	0	2	10	0	0	3.33
Standing Litter		2	4	2		2	0	0.67
Total Non-Vegetative Cover	22	46	40	36	36	62	52	50
Total Cover	38	66	78	60.67	36	62	76	58
Bare	62	34	22	39.33	64	38	24	42

Species List

Species	Frequency on Pad <small># of occurrences out of 3 possible</small>	Relative % Cover		
		Transect	% Slope	Aspect
Achnatherum hymenoides	Observed	Grasses	89.18	
Agropyron cristatum	1	Forbs	2.702	
Atriplex canescens	Observed	Shrubs	8.107	
Atriplex confertifolia	1			
Bassia scoparia	Observed			
Bromus arvensis	1			
Bromus inermis	2	1	15	S
Bromus tectorum	3	2	20	SE
Chrysothamnus viscidiflorus	Observed	3	20	E
Elymus lanceolatus	Observed			
Erodium cicutarium	Observed			
Ericameria nauseosa	Observed			
Eremopyrum triticeum	Observed			
Halogeton glomeratus	Observed			
Lactuca serriola	Observed			
Leymus cinereus	1			
Lepidium perfoliatum	Observed			
Medicago sativa	3			
Pascopyrum smithii	3			
Sarcobatus vermiculatus	Observed			
Thinopyrum intermedium	Observed			
Tragopogon dubius	Observed			
Unknown Atriplex 2	1			
Unknown Fabaceae 3	1			

Unknown Fabaceae 8

Observed

GM 204-29



GM 204-29 North

Photo Date: 7/26/2008

X: 2259075.02333 Y: 1613505.67530



GM 204-29 East

Photo Date: 7/26/2008

X: 2258997.00516 Y: 1613675.77628



GM 204-29 South

Photo Date: 7/26/2008

X: 2258993.36755 Y: 1613673.30408



GM 204-29 West

Photo Date: 7/26/2008

X: 2259112.14775 Y: 1613593.44794



GM 204-29 Sample Point 1

Photo Date: 7/26/2008

X: 2258855.85444 Y: 1613543.94082



GM 204-29 Sample Point 2

Photo Date: 7/26/2008

X: 2259052.56560 Y: 1613716.14210



GM 204-29 Sample Point 3

Photo Date: 7/26/2008

X: 2259159.25038 Y: 1613646.09364



GM 204-29 Erosion Picture 1

Photo Date: 7/26/2008

X: 2259105.71054 Y: 1613598.91032

GM 204-29



GM 204-29 Erosion Picture 2

Photo Date: 7/26/2008

X: 2259096.31439 Y: 1613558.92217



GM 204-29 Erosion Picture 3

Photo Date: 7/26/2008

X: 2259068.67994 Y: 1613516.11933



GM 204-29 Erosion Picture 4

Photo Date: 7/26/2008

X: 2258935.52943 Y: 1613512.90641



GM 204-29 Erosion Picture 5

Photo Date: 7/26/2008

X: 2258802.54319 Y: 1613552.20358

Well ID: GM 21-12

Monitor Date: 8/5/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2003

Vegetation Community: Pasture / Agricultural

VEGETATION

Total Acceptable Vegetation % Cover: 2.67

Reference Area % Cover: n/a

Relative % Cover of: Grasses 31.42 Forbs 68.55 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? No

New Shoots

Litter

Size:

Flowers / Seeds

Seedlings

Color / Vigor:

Comments Good shrub regrowth, but no forbs or grass.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass, knapweed, tamarisk and kochia interspersed.

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 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								
Hordeum jubatum	2	0		0.67	0	0		0
Poa sp.			4	1.33			2	0.67
Unknown Aster 5	2			0.67	2			0.67
Total Acceptable Cover	4	0	4	2.67	2	0	2	1.34
Undesirable Species								
Bassia scoparia	22	16	0	12.67	2	0	0	0.67
Eremopyrum triticeum	0	2	14	5.33	0	0	8	2.67
Lepidium perfoliatum	0	0	8	2.67	0	0	0	0
Total Undesirable Cover	22	18	22	20.67	2	0	8	3.34
Total Vegetative Cover:	26	18	26	23.34	4	0	10	4.68
Litter	4	24	20	16	8	28	34	23.33
Rock	2	0	4	2	4	0	6	3.33
Standing Litter		2		0.67		0		0
Total Non-Vegetative Cover	6	26	24	18.67	12	28	40	26.66
Total Cover	32	44	50	42.01	16	28	50	31.34
Bare	68	56	50	58	84	72	50	68.67

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	1	31.42		
Bassia scoparia	3		68.55	
Bromus tectorum	2			0
Centaurea diffusa	1			
Chenopodium album	1			
Chrysothamnus viscidiflorus	1			
Cichorium intybus	Observed	1	0	(E)
Eremopyrum triticeum	3	2	0	(E)
Grindelia squarrosa	Observed	3	0	(E)
Hordeum jubatum	2			
Lactuca serriola	Observed			
Lepidium perfoliatum	3			
Melilotus officinalis	Observed			
Medicago sativa	Observed			
Poa sp.	1			
Polygonum aviculare	1			
Rumex crispus	Observed			
Sarcobatus vermiculatus	Observed			
Tamarix ramosissima	Observed			
Unknown Aster 5	1			
Unknown Panicum 1	Observed			

GM 21-12



GM 21-12 North

Photo Date: 8/5/2008

X: 2276751.10870 Y: 1601327.71623



GM 21-12 East

Photo Date: 7/27/2008

X: 2276699.63016 Y: 1601398.21505



GM 21-12 South

Photo Date: 8/5/2008

X: 2276836.20408 Y: 1601490.92003



GM 21-12 West

Photo Date: 8/5/2008

X: 2276909.11517 Y: 1601407.92308



GM 21-12 Sample Point 1

Photo Date: 8/5/2008

X: 2276795.32702 Y: 1601406.25461



GM 21-12 Sample Point 2

Photo Date: 8/5/2008

X: 2276887.74051 Y: 1601401.93976



GM 21-12 Sample Point 3

Photo Date: 7/27/2008

X: 2276915.66962 Y: 1601351.13773

Well ID: GM 217-33

Monitor Date: 7/26/2008
Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2004

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 17.33

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 100.0 Forbs 0 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? No

New Shoots

Litter

Size:

Flowers / Seeds

Seedlings

Color / Vigor:

Comments Very few desirables.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass, unknown grass 1, and kochia 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									
Bromus inermis	2	10	16	9.33	2	6	6	4.67	
Pascopyrum smithii	0	18	6	8	0	14	2	5.33	
Total Acceptable Cover	2	28	22	17.33	2	20	8	10	
Undesirable Species									
Bromus tectorum	6	2	0	2.67	0	0	0	0	
Eremopyrum triticeum	26	4	4	11.33	8	0	0	2.67	
Total Undesirable Cover	32	6	4	14	8	0	0	2.67	
Total Vegetative Cover:	34	34	26	31.33	10	20	8	12.67	
Litter	66	64	64	64.67	90	78	82	83.33	
Rock	0	0	0	0	0	0	0	0	
Total Non-Vegetative Cover	66	64	64	64.67	90	78	82	83.33	
Total Cover	100	98	90	96	100	98	90	96	
Bare	0	2	10	4	0	2	10	4	

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Bassia scoparia	Observed	100.0		
Bromus inermis	3		0	
Bromus tectorum	3			0
Elymus lanceolatus	Observed			
Eremopyrum triticeum	3			
Lactuca serriola	1			
Lepidium perfoliatum	Observed			
Pascopyrum smithii	3			
Poa sp.	Observed			
		Transect	% Slope	Aspect
		1	3	S
		2	4	N
		3	5	S

GM 217-33



GM 217-33 North

Photo Date: 7/26/2008

X: 2264955.45899 Y: 1611920.62061



GM 217-33 East

Photo Date: 7/26/2008

X: 2264835.81544 Y: 1611954.05145



GM 217-33 South

Photo Date: 7/26/2008

X: 2264938.07852 Y: 1612110.78302



GM 217-33 West

Photo Date: 7/26/2008

X: 2265049.37318 Y: 1612020.44436



GM 217-33 Sample Point 1

Photo Date: 7/26/2008

X: 2264851.95025 Y: 1612005.11333



GM 217-33 Sample Point 2

Photo Date: 7/26/2008

X: 2265013.91364 Y: 1611978.80474



GM 217-33 Sample Point 3

Photo Date: 7/26/2008

X: 2264924.47242 Y: 1612092.89746

Well ID: GM 22-1

Monitor Date: 7/24/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Graded and ripped.

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 22-1

VEGETATION DATA

Vegetation Cover

First Hit % Cover

Ground Hit % Cover

Species	T1	T2	T3	Mean	T1	T2	T3	Mean
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No Data

Species List

GM 22-1



GM 22-1 North

Photo Date: 7/24/2008

X: 2277421.88129 Y: 1605460.62549



GM 22-1 East

Photo Date: 7/24/2008

X: 2277331.69255 Y: 1605678.08807



GM 22-1 South

Photo Date: 7/24/2008

X: 2277514.98773 Y: 1605747.42090



GM 22-1 West

Photo Date: 7/24/2008

X: 2277622.68161 Y: 1605516.31714

Well ID: GM 22-12

Monitor Date: 8/5/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2003

Vegetation Community: Pasture / Agricultural

VEGETATION

Total Acceptable Vegetation % Cover: 9.33

Reference Area % Cover: n/a

Relative % Cover of: Grasses 90.54 Forbs 9.531 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? No

New Shoots

Litter

Size:

Flowers / Seeds

Seedlings

Color / Vigor:

Comments Has been heavily grazed.

Undesirable Vegetation

Noxious Weeds Present? Yes Jointed goat grass on northeast portion, diffuse knapweed scattered, bindweed and cheatgrass interspersed.

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 and overseed with desirables. Don't graze until desirables are 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									
Agropyron cristatum	4	8	10	7.33	2	6	0	2.67	
Bromus arvensis	0	6		2	0	0		0	
Total Acceptable Cover	4	14	10	9.33	2	6	0	2.67	
Undesirable Species									
Bromus tectorum	2		2	1.33	0		0	0	
Eremopyrum triticeum	4	0	2	2	2	0	0	0.67	
Lepidium perfoliatum	2	2		1.33	0	0		0	
Total Undesirable Cover	8	2	4	4.66	2	0	0	0.67	
Total Vegetative Cover:	12	16	14	13.99	4	6	0	3.34	
Litter	40	42	38	40	46	52	48	48.67	
Rock	2	6	2	3.33	2	6	4	4	
Total Non-Vegetative Cover	42	48	40	43.33	48	58	52	52.67	
Total Cover	54	64	54	57.32	52	64	52	56.01	
Bare	46	36	46	42.67	48	36	48	44	

Species List

Species	Frequency on Pad # of occurrences out of 3 possible	Relative % Cover		
		Transect	% Slope	Aspect
Aegilops cylindrica	Observed	Grasses	90.54	
Agropyron cristatum	3	Forbs	9.531	
Bassia scoparia	1	Shrubs	0	
Bromus arvensis	2			
Bromus tectorum	2			
Centaurea diffusa	Observed			
Chenopodium album	Observed	1	0	(NE)
Chrysothamnus viscidiflorus	1	2	0	(E)
Convolvulus arvensis	Observed	3	0	(E)
Eremopyrum triticeum	3			
Grindelia squarrosa	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	1			
Lepidium perfoliatum	2			
Melilotus officinalis	Observed			
Medicago sativa	1			
Pascopyrum smithii	1			
Plantago lanceolata	Observed			
Poa sp.	Observed			
Polygonum aviculare	Observed			
Sarcobatus vermiculatus	Observed			
Thinopyrum intermedium	Observed			
Tragopogon dubius	Observed			
Unknown Panicum 1	Observed			

GM 22-12



GM 22-12 North

Photo Date: 7/27/2008

X: 2277231.06954 Y: 1600609.30108



GM 22-12 East

Photo Date: 8/5/2008

X: 2277151.18343 Y: 1600781.25606



GM 22-12 South

Photo Date: 7/27/2008

X: 2277271.24888 Y: 1600835.79590



GM 22-12 West

Photo Date: 8/5/2008

X: 2277423.60805 Y: 1600670.33803



GM 22-12 Sample Point 1

Photo Date: 8/5/2008

X: 2277375.53662 Y: 1600715.63923



GM 22-12 Sample Point 2

Photo Date: 8/5/2008

X: 2277264.55105 Y: 1600727.30728



GM 22-12 Sample Point 3

Photo Date: 8/5/2008

X: 2277326.92462 Y: 1600633.21195

Well ID: GM 222-33

Monitor Date: 7/26/2008

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: 28

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 92.46 Forbs 0 Shrubs 7.548

Desirable Vegetation

Appears vigorous and self sustaining? Yes

New Shoots

Litter

Size: Healthy

Flowers / Seeds

Seedlings

Color / Vigor: Healthy

Comments Good shrub growth, overall good.

Undesirable Vegetation

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

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:

Some overseeding in west and southwest portion.

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		2		0.67		2		0.67
Atriplex canescens	8	0	0	2.67	0	0	0	0
Bromus inermis	0	2	4	2	0	2	4	2
Pascopyrum smithii	48	8	8	21.33	30	8	6	14.67
Thinopyrum ponticum			4	1.33			0	0
Total Acceptable Cover	56	12	16	28	30	12	10	17.34
Undesirable Species								
Bromus tectorum	4		18	7.33	2		12	4.67
Total Undesirable Cover	4		18	7.33	2		12	4.67
Total Vegetative Cover:	60	12	34	35.33	32	12	22	22.01
Litter	16	24	60	33.33	46	28	72	48.67
Rock	0	2	0	0.67	0	4	0	1.33
Standing Litter	6	6		4	0	0		0
Total Non-Vegetative Cover	22	32	60	38	46	32	72	50
Total Cover	82	44	94	73.33	78	44	94	72.01
Bare	18	56	6	26.67	22	56	6	28

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	1	92.46		
Astragalus cicer	1		0	
Atriplex canescens	3			7.548
Atriplex confertifolia	2			
Bassia scoparia	1			
Bromus arvensis	Observed			
Bromus inermis	3			
Bromus tectorum	2			
Chenopodium album	Observed			
Chrysothamnus viscidiflorus	Observed			
Cichorium intybus	Observed			
Elymus lanceolatus	Observed			
Eremopyrum triticeum	Observed			
Lactuca serriola	1			
Leymus cinereus	Observed			
Lepidium perfoliatum	1			
Machaeranthera canescens	Observed			
Pascopyrum smithii	3			
Penstemon palmeri	Observed			
Ratibida columnifera	1			
Sarcobatus vermiculatus	Observed			
Sisymbrium altissimum	Observed			
Thinopyrum ponticum	1			

Transect	% Slope	Aspect
1	Flat	(NE)
2	8	NE
3	5	E

Tragopogon dubius	Observed
Unknown Fabaceae 8	Observed

GM 222-33



GM 222-33 North

Photo Date: 7/26/2008

X: 2263013.58156 Y: 1610208.33037



GM 222-33 East

Photo Date: 7/26/2008

X: 2262910.84982 Y: 1610347.11789



GM 222-33 South

Photo Date: 7/26/2008

X: 2263028.41537 Y: 1610436.13020



GM 222-33 West

Photo Date: 7/26/2008

X: 2263086.23403 Y: 1610307.52465



GM 222-33 Sample Point 1

Photo Date: 7/26/2008

X: 2263054.09879 Y: 1610357.35790



GM 222-33 Sample Point 2

Photo Date: 7/26/2008

X: 2262988.21108 Y: 1610213.09915



GM 222-33 Sample Point 3

Photo Date: 7/26/2008

X: 2262925.41379 Y: 1610437.08055

Well ID: GM 223-33

Monitor Date: 7/25/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date:

Vegetation Community: Salt Desert Scrubland Low Elevation Seems to be along drainage.

VEGETATION

Total Acceptable Vegetation % Cover: 40.67

Reference Area % Cover: 25.8

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:** Large / healthy

Flowers / Seeds Seedlings **Color / Vigor:** Healthy

Comments Grasses and shrubs look good, Cheatgrass and kochia issues.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass patches in west and southwest portion, large patch kochia in northeast portion.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 20

% Monitor: 20

% Acceptable: 60

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Overseed desirables in weedy areas, some weed control.

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	2	10		4	0	8		2.67
Bromus arvensis		28	0	9.33		10	0	3.33
Bromus inermis		2	0	0.67		2	0	0.67
Pascopyrum smithii	20	28	32	26.67	4	10	12	8.67
Total Acceptable Cover	22	68	32	40.67	4	30	12	15.34
Undesirable Species								
Bromus tectorum	68			22.67	28			9.33
Total Undesirable Cover	68			22.67	28			9.33
Total Vegetative Cover:	90	68	32	63.34	32	30	12	24.67
Litter	10	24	48	27.33	66	62	70	66
Rock	0	0	0	0	2	0	0	0.67
Total Non-Vegetative Cover	10	24	48	27.33	68	62	70	66.67
Total Cover	100	92	80	90.67	100	92	82	91.34
Bare	0	8	20	9.33	0	8	18	8.67

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	2	99.99		
Atriplex canescens	Observed		0	
Bassia scoparia	Observed			0
Bromus arvensis	2			
Bromus inermis	2			
Bromus tectorum	1			
Chenopodium album	Observed			
Chrysothamnus viscidiflorus	Observed			
Elymus lanceolatus	Observed			
Erodium cicutarium	Observed			
Helianthus annuus	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	1			
Leymus cinereus	Observed			
Lepidium perfoliatum	Observed			
Pascopyrum smithii	3			
Sarcobatus vermiculatus	1			
Sisymbrium altissimum	Observed			

Transect	% Slope	Aspect
1	2	N
2	20	N
3	2	NE

GM 223-33



GM 223-33 North

Photo Date: 7/25/2008

X: 2264631.86513 Y: 1609388.59247



GM 223-33 East

Photo Date: 7/25/2008

X: 2264590.43404 Y: 1609407.10369



GM 223-33 South

Photo Date: 7/25/2008

X: 2264671.89485 Y: 1609546.33648



GM 223-33 West

Photo Date: 7/25/2008

X: 2264801.97828 Y: 1609441.59859



GM 223-33 Sample Point 1

Photo Date: 7/25/2008

X: 2264631.34165 Y: 1609381.72905



GM 223-33 Sample Point 2

Photo Date: 7/25/2008

X: 2264655.63887 Y: 1609418.21866



GM 223-33 Sample Point 3

Photo Date: 7/25/2008

X: 2264776.13407 Y: 1609346.15407

Well ID: GM 23-1

Monitor Date: 7/24/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2004

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 2.67

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 85.98 Forbs 14 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

New Shoots

Litter

Size: Healthy

Flowers / Seeds

Seedlings

Color / Vigor: Healthy

Comments Shrub growth very healthy, grass and forbs also good.

Undesirable Vegetation

Noxious Weeds Present? Yes Erodium and Cheatgrass interspersed across most of site. Bindweed present. Russian thistle interspersed on north portion of pad.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 20

% Monitor: 60

% Acceptable: 20

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Weed control on Russian Thistle on north. Overseeding could help and possible weed control on erodium and cheatgrass.

Major Facilities Issues:

Additional Comments:

GM 23-1

VEGETATION DATA

Vegetation Cover

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Agropyron cristatum	0	0	2	0.67	0	0	8	2.67
Pascopyrum smithii	0	0	4	1.33	0	0	2	0.67
Unknown Chenopod 2		2		0.67		0		0
Total Acceptable Cover	0	2	6	2.67	0	0	10	3.34
Undesirable Species								
Bassia scoparia		6		2		0		0
Bromus tectorum	34	16	18	22.67	8	12	0	6.67
Eremopyrum triticeum	12	0		4	2	0		0.67
Salsola kali		6		2		0		0
Total Undesirable Cover	46	28	18	30.67	10	12	0	7.34
Total Vegetative Cover:	46	30	24	33.34	10	12	10	10.68
Litter	42	50	60	50.67	78	58	76	70.67
Rock	0	0	0	0	0	0	0	0
Total Non-Vegetative Cover	42	50	60	50.67	78	58	76	70.67
Total Cover	88	80	84	84.01	88	70	86	81.35
Bare	12	20	16	16	12	30	14	18.67

Species List

Species	Frequency on Pad # of occurrences out of 3 possible	Relative % Cover		
		Grasses	Forbs	Shrubs
Agropyron cristatum	3	85.98		
Artemisia tridentata	Observed		14	
Astragalus cicer	Observed			0
Atriplex confertifolia	1			
Bassia scoparia	1			
Bromus inermis	Observed			
Bromus tectorum	3	1	10	S
Chrysothamnus viscidiflorus	Observed	2	12	S
Convolvulus arvensis	Observed	3	10	SE
Elymus lanceolatus	Observed			
Erodium cicutarium	Observed			
Eremopyrum triticeum	2			
Gutierrezia sarothrae	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	2			
Lepidium perfoliatum	1			
Opuntia sp.	Observed			
Pascopyrum smithii	3			
Penstemon palmeri	Observed			
Psathyrostachys juncea	Observed			
Pseudoroegneria spicata	Observed			
Salsola kali	1			
Sarcobatus vermiculatus	2			

Sisymbrium altissimum	1
Thinopyrum intermedium	Observed
Tragopogon dubius	1
Unknown Chenopod 2	1
Unknown Mustard 5	1
Zuckia brandegeei	Observed

GM 23-1



GM 23-1 North

Photo Date: 7/24/2008

X: 2276757.39458 Y: 1604617.94100



GM 23-1 East

Photo Date: 7/24/2008

X: 2276694.88652 Y: 1604807.87674



GM 23-1 South

Photo Date: 7/24/2008

X: 2276733.24042 Y: 1604893.06154



GM 23-1 West

Photo Date: 7/24/2008

X: 2276918.92597 Y: 1604797.65967



GM 23-1 Sample Point 1

Photo Date: 7/24/2008

X: 2276766.31872 Y: 1604859.09182



GM 23-1 Sample Point 2

Photo Date: 7/24/2008

X: 2276888.45593 Y: 1604797.94487



GM 23-1 Sample Point 3

Photo Date: 7/24/2008

X: 2276982.44055 Y: 1604695.79389

Well ID: GM 237-36

Monitor Date: 7/24/2008

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: 17.34

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 85.28 Forbs 0 Shrubs 14.70

Desirable Vegetation

Appears vigorous and self sustaining? Yes

New Shoots

Litter

Size: Healthy

Flowers / Seeds

Seedlings

Color / Vigor: Healthy

Comments Shrub growth good, but grasses dominated by cheatgrass.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass interspersed among cover, halogeton present, some Russian thistle.

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:

Possible weed control and overseeding to push out weedy species, 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								
Agropyron cristatum	0		2	0.67	0		0	0
Atriplex canescens	18		2	6.67	0		0	0
Bromus arvensis	10			3.33	0			0
Pascopyrum smithii	8		12	6.67	6		6	4
Total Acceptable Cover	36		16	17.34	6		6	4
Undesirable Species								
Bromus tectorum	14	60	10	28	8	20	6	11.33
Total Undesirable Cover	14	60	10	28	8	20	6	11.33
Total Vegetative Cover:	50	60	26	45.34	14	20	12	15.33
Litter	22	40	14	25.33	54	80	22	52
Rock	12	0	2	4.67	12	0	4	5.33
Standing Litter			4	1.33			0	0
Total Non-Vegetative Cover	34	40	20	31.33	66	80	26	57.33
Total Cover	84	100	46	76.67	80	100	38	72.66
Bare	16	0	54	23.33	20	0	62	27.33

Species List

Species	Frequency on Pad <small># of occurrences out of 3 possible</small>	Relative % Cover		
		Transect	% Slope	Aspect
Achnatherum hymenoides	Observed	Grasses	85.28	
Agropyron cristatum	2	Forbs	0	
Artemisia tridentata	Observed	Shrubs	14.70	
Atriplex canescens	2			
Atriplex confertifolia	2			
Bassia scoparia	Observed			
Bromus arvensis	1	1	Flat	
Bromus inermis	2	2	25	E/NE
Bromus tectorum	3	3	15	E
Elymus lanceolatus	Observed			
Halogeton glomeratus	Observed			
Lepidium perfoliatum	Observed			
Pascopyrum smithii	2			
Salsola kali	Observed			
Sarcobatus vermiculatus	Observed			
Thinopyrum intermedium	Observed			

GM 237-36



GM 237-36 North

Photo Date: 7/24/2008

X: 2277044.83947 Y: 1607727.87929



GM 237-36 East

Photo Date: 7/24/2008

X: 2276919.50890 Y: 1607790.98026



GM 237-36 South

Photo Date: 7/24/2008

X: 2277061.30556 Y: 1607932.80144



GM 237-36 West

Photo Date: 7/24/2008

X: 2277102.81821 Y: 1607850.88494



GM 237-36 Sample Point 1

Photo Date: 7/24/2008

X: 2276960.39828 Y: 1607744.09432



GM 237-36 Sample Point 2

Photo Date: 7/24/2008

X: 2276926.05679 Y: 1607777.90373



GM 237-36 Sample Point 3

Photo Date: 7/24/2008

X: 2277064.00610 Y: 1607693.16570

Well ID: GM 240-1

Monitor Date: 7/24/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Partially graded and ripped.

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? Halogeton. Kochia 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 240-1

VEGETATION DATA

Vegetation Cover

First Hit % Cover

Ground Hit % Cover

Species	T1	T2	T3	Mean	T1	T2	T3	Mean
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No Data

Species List

GM 240-1



GM 240-1 North

Photo Date: 7/24/2008

X: 2279123.68167 Y: 1606796.08931



GM 240-1 East

Photo Date: 7/24/2008

X: 2279059.42373 Y: 1606861.93365



GM 240-1 South

Photo Date: 7/24/2008

X: 2279126.11800 Y: 1607006.48700



GM 240-1 West

Photo Date: 7/24/2008

X: 2279210.61930 Y: 1606913.96069

Well ID: GM 24-1

Monitor Date: 7/26/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Difficult to determine extent of pad.

Approximate Seed Date: 2005

Vegetation Community: Salt Desert Scrubland Low Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 1.34

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 0 Forbs 99.96 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? No

New Shoots

Litter

Size:

Flowers / Seeds

Seedlings

Color / Vigor:

Comments Few desirables, east portion of pad not as weedy.

Undesirable Vegetation

Noxious Weeds Present? Yes Bindweed, cheatgrass, and erodium dominate site. Chicory present. Kochia and plantago 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 pad with desirables, weed control.

Major Facilities Issues:

Additional Comments:

GM 24-1

VEGETATION DATA

Vegetation Cover

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
Acceptable Species								
Chenopodium album		2		0.67		0		0
Melilotus officinalis			2	0.67			0	0
Total Acceptable Cover		2	2	1.34		0	0	0
Undesirable Species								
Bassia scoparia	30	20		16.67	20	16		12
Cichorium intybus		2	12	4.67		2	8	3.33
Convolvulus arvensis		0	10	3.33		0	2	0.67
Total Undesirable Cover	30	22	22	24.67	20	18	10	16
Total Vegetative Cover:	30	24	24	26.01	20	18	10	16
Litter	10	50	46	35.33	10	56	54	40
Rock	2	4	0	2	6	4	0	3.33
Standing Litter			2	0.67			0	0
Total Non-Vegetative Cover	12	54	48	38	16	60	54	43.33
Total Cover	42	78	72	64.01	36	78	64	59.33
Bare	58	22	28	36	64	22	36	40.67

Species List

Species	Frequency on Pad # of occurrences out of 3 possible	Relative % Cover		
		Transect	% Slope	Aspect
Agropyron cristatum	Observed	Grasses	0	
Bassia scoparia	2	Forbs	99.96	
Bromus arvensis	Observed	Shrubs	0	
Bromus tectorum	Observed			
Chenopodium album	1			
Chrysothamnus viscidiflorus	Observed			
Cichorium intybus	2	1	Flat	(SW)
Convolvulus arvensis	2	2	Flat	(E/SE)
Erodium cicutarium	Observed	3	Flat	(S)
Eremopyrum triticeum	Observed			
Grindelia squarrosa	1			
Hordeum jubatum	Observed			
Lactuca serriola	1			
Melilotus officinalis	1			
Medicago sativa	1			
Pascopyrum smithii	Observed			
Plantago major	1			
Polygonum aviculare	Observed			
Thinopyrum intermedium	Observed			
Unknown Panicum	2			

GM 24-1



GM 24-1 North

Photo Date: 7/26/2008

X: 2276690.99349 Y: 1602824.07134



GM 24-1 East

Photo Date: 7/26/2008

X: 2276543.59263 Y: 1602887.24095



GM 24-1 South

Photo Date: 7/26/2008

X: 2276629.56216 Y: 1603020.10584



GM 24-1 West

Photo Date: 7/26/2008

X: 2276838.17172 Y: 1602931.93613



GM 24-1 Sample Point 1

Photo Date: 7/26/2008

X: 2276607.18522 Y: 1602864.80888



GM 24-1 Sample Point 2

Photo Date: 7/26/2008

X: 2276724.88898 Y: 1602871.10135



GM 24-1 Sample Point 3

Photo Date: 7/26/2008

X: 2276740.95845 Y: 1602912.31615

Well ID: GM 24-12

Monitor Date: 7/27/2008
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: 12.67

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 86.34 Forbs 13.63 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

New Shoots Litter **Size:** Small but healthy
 Flowers / Seeds Seedlings **Color / Vigor:**

Comments Kochia dominates most of site. Sparse desirables, grass seedlings, mostly kochia.

Undesirable Vegetation

Noxious Weeds Present? No

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use:	25
% Monitor:	75
% Acceptable:	0
% Reclamation Complete:	0
% Restored:	0

Additional work needed to obtain 90% cover:

Monitor to ensure establishment of 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								
Thinopyrum intermedium	30		8	12.67	10		0	3.33
Total Acceptable Cover	30		8	12.67	10		0	3.33
Undesirable Species								
Bassia scoparia	0	2	4	2	0	0	0	0
Total Undesirable Cover	0	2	4	2	0	0	0	0
Total Vegetative Cover:	30	2	12	14.67	10	0	0	3.33
Litter	66	42	8	38.67	86	42	10	46
Rock	0	14	4	6	0	14	6	6.67
Standing Litter			2	0.67			0	0
Total Non-Vegetative Cover	66	56	14	45.34	86	56	16	52.67
Total Cover	96	58	26	60.01	96	56	16	56
Bare	4	42	74	40	4	44	84	44

Species List

Species	Frequency on Pad # of occurrences out of 3 possible	Relative % Cover		
		Transect	% Slope	Aspect
Artemisia tridentata	Observed	Grasses	86.34	
Bassia scoparia	3	Forbs	13.63	
Bromus inermis	Observed	Shrubs	0	
Elymus trachycaulus	Observed			
Eremopyrum triticeum	1			
Lactuca serriola	Observed			
Lepidium perfoliatum	1	1	10	SE
Melilotus officinalis	Observed	2	8	S
Medicago sativa	Observed	3	Flat	(S)
Pascopyrum smithii	Observed			
Psathyrostachys juncea	Observed			
Sarcobatus vermiculatus	Observed			
Thinopyrum intermedium	2			
Thinopyrum ponticum	Observed			
Tragopogon dubius	Observed			
xTriticosecale rimpau 1	Observed			
Unknown Fabaceae 3	Observed			

GM 24-12



GM 24-12 North

Photo Date: 7/27/2008

X: 2275863.59720 Y: 1597415.25906



GM 24-12 East

Photo Date: 7/27/2008

X: 2275655.56826 Y: 1597584.70135



GM 24-12 South

Photo Date: 7/27/2008

X: 2275679.56113 Y: 1597629.01850



GM 24-12 West

Photo Date: 7/27/2008

X: 2275954.68989 Y: 1597483.74991



GM 24-12 Sample Point 1

Photo Date: 7/27/2008

X: 2275682.06695 Y: 1597575.73795



GM 24-12 Sample Point 2

Photo Date: 7/27/2008

X: 2275815.62047 Y: 1597554.73787



GM 24-12 Sample Point 3

Photo Date: 7/27/2008

X: 2275912.40353 Y: 1597472.25929

Well ID: GM 24-33

BLM Land

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: 24.66

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 94.62 Forbs 5.407 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

New Shoots

Litter

Size: Healthy / large

Flowers / Seeds

Seedlings

Color / Vigor: Healthy

Comments Bare / sparse portion on north west side, excellent growth.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass and Kochia present.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 10

% Monitor: 10

% Acceptable: 80

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Overseed smaller sparse 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								
Astragalus cicer		0	4	1.33		0	0	0
Bromus inermis	0	0	6	2	0	0	0	0
Leymus cinereus	6			2	0			0
Pascopyrum smithii	34	16	8	19.33	4	12	0	5.33
Total Acceptable Cover	40	16	18	24.66	4	12	0	5.33
Total Vegetative Cover:	40	16	18	24.66	4	12	0	5.33
Litter	46	56	70	57.33	78	60	88	75.33
Rock	0	0	0	0	0	0	0	0
Total Non-Vegetative Cover	46	56	70	57.33	78	60	88	75.33
Total Cover	86	72	88	81.99	82	72	88	80.66
Bare	14	28	12	18	18	28	12	19.33

Species List

Species	Frequency on Pad # of occurrences out of 3 possible	Relative % Cover		
		Transect	% Slope	Aspect
Achnatherum hymenoides	1	Grasses	94.62	
Agropyron cristatum	Observed	Forbs	5.407	
Alyssum desertorum	Observed	Shrubs	0	
Astragalus cicer	2			
Atriplex canescens	1			
Atriplex confertifolia	1			
Bassia scoparia	Observed	1	2	W
Bromus arvensis	Observed	2	15	NW
Bromus inermis	3	3	30	N/NE
Bromus tectorum	1			
Chenopodium album	Observed			
Dactylis glomerata	Observed			
Elymus lanceolatus	Observed			
Elymus trachycaulus	Observed			
Helianthus annuus	Observed			
Lactuca serriola	1			
Leymus cinereus	1			
Lepidium perfoliatum	Observed			
Machaeranthera grindelioides	Observed			
Melilotus officinalis	1			
Medicago sativa	1			
Pascopyrum smithii	3			
Penstemon palmeri	1			
Polygonum aviculare	Observed			
Ratibida columnifera	Observed			
Salsola kali	Observed			
Sarcobatus vermiculatus	Observed			
Thinopyrum intermedium	Observed			
Tragopogon dubius	1			

GM 24-33



GM 24-33 North

Photo Date: 7/25/2008

X: 2262038.67062 Y: 1608609.01613



GM 24-33 East

Photo Date: 7/25/2008

X: 2261920.51323 Y: 1608749.41657



GM 24-33 South

Photo Date: 7/25/2008

X: 2262008.45764 Y: 1608832.00045



GM 24-33 West

Photo Date: 7/25/2008

X: 2262127.05099 Y: 1608775.87752



GM 24-33 Sample Point 1

Photo Date: 7/25/2008

X: 2261927.49338 Y: 1608756.04592



GM 24-33 Sample Point 2

Photo Date: 7/25/2008

X: 2262110.68509 Y: 1608723.30385



GM 24-33 Sample Point 3

Photo Date: 7/25/2008

X: 2261922.84395 Y: 1608592.91300

Well ID: GM 24-36

Monitor Date: 7/24/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Approximate Seed Date:

Vegetation Community: Salt Desert Scrubland High Elevation

VEGETATION

Reference Area % Cover: 29.8

Desirable Vegetation

Appears vigorous and self sustaining?

New Shoots

Litter

Size:

Flowers / Seeds

Seedlings

Color / Vigor:

Comments

Undesirable Vegetation

Noxious Weeds Present? Halogeton 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 24-36

VEGETATION DATA

Vegetation Cover

First Hit % Cover

Ground Hit % Cover

Species	T1	T2	T3	Mean	T1	T2	T3	Mean
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No Data

Species List

GM 24-36



GM 24-36 North

Photo Date: 7/24/2008

X: 2277255.91946 Y: 1608435.15317



GM 24-36 East

Photo Date: 7/24/2008

X: 2277168.41097 Y: 1608502.93840



GM 24-36 South

Photo Date: 7/24/2008

X: 2277235.18863 Y: 1608588.90252



GM 24-36 West

Photo Date: 7/24/2008

X: 2277295.83507 Y: 1608536.08095

Well ID: GM 251-2

Monitor Date: 7/24/2008

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: 14.67

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 92.86 Forbs 0 Shrubs 7.143

Desirable Vegetation

Appears vigorous and self sustaining? Yes

New Shoots

Litter

Size: Healthy, somewhat small

Flowers / Seeds

Seedlings

Color / Vigor: Green and senesced

Comments Good shrub regrowth.

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass interspersed across site. Halogeton 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 to increase desirable cover.

Major Facilities Issues:

Additional Comments:

GM 251-2

VEGETATION DATA

Vegetation Cover

Species	First Hit % Cover				Ground Hit % Cover				
	T1	T2	T3	Mean	T1	T2	T3	Mean	
Acceptable Species									
Agropyron cristatum	2	6	0	2.67	0	2	0	0.67	
Atriplex confertifolia	0	6	0	2	0	0	0	0	
Pascopyrum smithii	6	20	4	10	0	8	2	3.33	
Total Acceptable Cover	8	32	4	14.67	0	10	2	4	
Undesirable Species									
Bromus tectorum	36	2	2	13.33	2	2	0	1.33	
Total Undesirable Cover	36	2	2	13.33	2	2	0	1.33	
Total Vegetative Cover:	44	34	6	28	2	12	2	5.33	
Litter	40	42	60	47.33	82	64	64	70	
Rock	0	0	0	0	0	0	0	0	
Standing Litter	2	2		1.33	0	0		0	
Total Non-Vegetative Cover	42	44	60	48.66	82	64	64	70	
Total Cover	86	78	66	76.66	84	76	66	75.33	
Bare	14	22	34	23.33	16	24	34	24.67	

Species List

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Achnatherum hymenoides	Observed	92.86		
Agropyron cristatum	3		0	
Atriplex canescens	Observed			7.143
Atriplex confertifolia	3			
Bassia scoparia	Observed			
Bromus inermis	3			
Bromus tectorum	3			
Elymus lanceolatus	Observed			
Elymus trachycaulus	Observed			
Halogeton glomeratus	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	Observed			
Leymus cinereus	Observed			
Lepidium perfoliatum	Observed			
Melilotus officinalis	Observed			
Medicago sativa	Observed			
Pascopyrum smithii	3			
Psathyrostachys juncea	1			
Thinopyrum intermedium	Observed			
Tragopogon dubius	Observed			
Unknown Chenopod 2	Observed			
Unknown Mustard 5	Observed			

	Transect	% Slope	Aspect
	1	9	W
	2	10	SW
	3	5	W

GM 251-2



GM 251-2 North

Photo Date: 7/24/2008

X: 2274441.14898 Y: 1607058.05682



GM 251-2 East

Photo Date: 7/24/2008

X: 2274410.28963 Y: 1607215.05206



GM 251-2 South

Photo Date: 7/24/2008

X: 2274484.69719 Y: 1607252.69536



GM 251-2 West

Photo Date: 7/24/2008

X: 2274642.73179 Y: 1607133.29073



GM 251-2 Sample Point 1

Photo Date: 7/24/2008

X: 2274667.55203 Y: 1607099.85781



GM 251-2 Sample Point 2

Photo Date: 7/24/2008

X: 2274551.71955 Y: 1607182.66742



GM 251-2 Sample Point 3

Photo Date: 7/24/2008

X: 2274414.88418 Y: 1607189.07144

Well ID: GM 252-2

Monitor Date: 7/24/2008

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: 11.33

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 89.52 Forbs 0 Shrubs 10.53

Desirable Vegetation

Appears vigorous and self sustaining? Yes

New Shoots

Litter

Size: Healthy but small

Flowers / Seeds

Seedlings

Color / Vigor: Green w/ some senesced

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass interspersed among desirables- patch on south portion, also some Erodium on northwest 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:

Some bare patches and sparse cover, also redisturbance. Overseeding could boost 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								
Achnatherum hymenoides			2	0.67			0	0
Pascopyrum smithii	10	10	8	9.33	0	6	4	3.33
Zuckia brandegeei		4		1.33		0		0
Total Acceptable Cover	10	14	10	11.33	0	6	4	3.33
Undesirable Species								
Bromus tectorum	2	2		1.33	0	0		0
Total Undesirable Cover	2	2		1.33	0	0		0
Total Vegetative Cover:	12	16	10	12.66	0	6	4	3.33
Litter	8	12	24	14.67	16	18	28	20.67
Rock	0	2	0	0.67	0	2	0	0.67
Standing Litter	4	2		2	0	0		0
Total Non-Vegetative Cover	12	16	24	17.34	16	20	28	21.34
Total Cover	24	32	34	30	16	26	32	24.67
Bare	76	68	66	70	84	74	68	75.33

Species List

Species	Frequency on Pad # of occurrences out of 3 possible	Relative % Cover		
		Grasses	Forbs	Shrubs
Achnatherum hymenoides	1	89.52		
Atriplex canescens	Observed		0	
Atriplex confertifolia	1			10.53
Bassia scoparia	Observed			
Bromus inermis	2			
Bromus tectorum	2			
Calochortus gunnisonii	Observed			
Chrysothamnus viscidiflorus	1			
Erodium cicutarium	Observed			
Eremopyrum triticeum	1			
Gutierrezia sarothrae	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	Observed			
Leymus cinereus	Observed			
Lepidium perfoliatum	Observed			
Melilotus officinalis	Observed			
Medicago sativa	1			
Packera sp.	Observed			
Pascopyrum smithii	3			
Sarcobatus vermiculatus	1			
Tragopogon dubius	Observed			
Unknown Fabaceae 1	Observed			
Unknown Fabaceae 8	Observed			
Unknown Panicum 2	Observed			
Zuckia brandegeei	1			

Transect	% Slope	Aspect
1	21	S
2	18	W/SW
3	Flat	(NW)

GM 252-2



GM 252-2 North

Photo Date: 7/24/2008

X: 2273334.18982 Y: 1607257.62910



GM 252-2 East

Photo Date: 7/24/2008

X: 2273205.17027 Y: 1607398.45285



GM 252-2 South

Photo Date: 7/24/2008

X: 2273379.32423 Y: 1607456.78252



GM 252-2 West

Photo Date: 7/24/2008

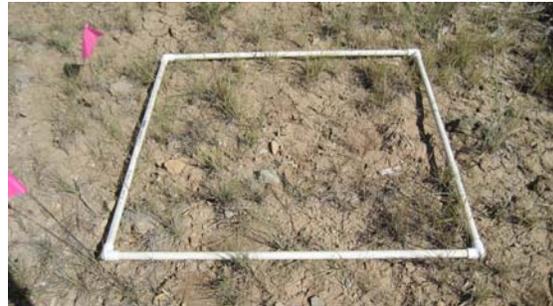
X: 2273454.62538 Y: 1607376.56904



GM 252-2 Sample Point 1

Photo Date: 7/24/2008

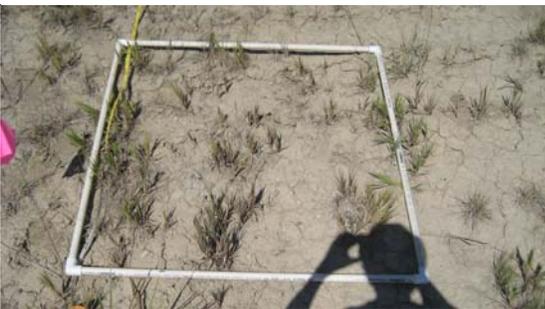
X: 2273353.49873 Y: 1607446.82408



GM 252-2 Sample Point 2

Photo Date: 7/24/2008

X: 2273213.32507 Y: 1607316.40979



GM 252-2 Sample Point 3

Photo Date: 7/24/2008

X: 2273385.90061 Y: 1607290.70721