

Well ID: RMV 90-20

Monitor Date: 7/15/2008

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: 23.33

Reference Area % Cover: 25.8

90% of Reference Area? Yes

Relative % Cover of: Grasses 77.28 Forbs 11.36 Shrubs 11.36

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Some healthy, some stunted

☒ Flowers / Seeds

☐ Seedlings

Color / Vigor: Generally healthy

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass scattered, erodium scattered and in northeast corner and south corner. Scattered kochia.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

| | |
|-------------------------|----|
| % Area in Use: | 80 |
| % Monitor: | 5 |
| % Acceptable: | 15 |
| % Reclamation Complete: | 0 |
| % Restored: | 0 |

Additional work needed to obtain 90% cover:

Area that is reclaimed is beginning to look good, some weeds but shrub regrowth is good as is most of desirable grasses. Some bare patches dominated by halogeton. Pad is in middle of several very active facilities.

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 | 14 | 24 | 14.67 | 0 | 6 | 12 | 6 |
| Atriplex canescens | | 8 | 2 | 3.33 | | 0 | 0 | 0 |
| Bromus inermis | | | 2 | 0.67 | | | 0 | 0 |
| Elymus trachycaulus | | 2 | 2 | 1.33 | | 0 | 2 | 0.67 |
| Pascopyrum smithii | | 4 | | 1.33 | | 2 | | 0.67 |
| Thinopyrum intermedium | | 4 | 2 | 2 | | 0 | 2 | 0.67 |
| Total Acceptable Cover | 6 | 32 | 32 | 23.33 | 0 | 8 | 16 | 8.01 |
| Undesirable Species | | | | | | | | |
| Bassia scoparia | 4 | | | 1.33 | 0 | | | 0 |
| Bromus tectorum | 0 | 2 | 6 | 2.67 | 0 | 0 | 2 | 0.67 |
| Erodium cicutarium | | 4 | | 1.33 | | 0 | | 0 |
| Lactuca serriola | | 2 | | 0.67 | | 0 | | 0 |
| Total Undesirable Cover | 4 | 8 | 6 | 6 | 0 | 0 | 2 | 0.67 |
| Total Vegetative Cover: | 10 | 40 | 38 | 29.33 | 0 | 8 | 18 | 8.68 |
| Litter | 0 | 14 | 28 | 14 | 0 | 14 | 38 | 17.33 |
| Rock | 6 | 8 | 14 | 9.33 | 6 | 20 | 18 | 14.67 |
| Total Non-Vegetative Cover | 6 | 22 | 42 | 23.33 | 6 | 34 | 56 | 32 |
| Total Cover | 16 | 62 | 80 | 52.66 | 6 | 42 | 74 | 40.68 |
| Bare | 84 | 38 | 20 | 47.33 | 94 | 58 | 26 | 59.33 |

Species List

| Species | Frequency on Pad | Relative % Cover | | |
|-----------------------------|------------------------------------|------------------|-------|--------|
| | # of occurrences out of 3 possible | Grasses | Forbs | Shrubs |
| Agropyron cristatum | 3 | 77.28 | | |
| Artemisia tridentata | Observed | | 11.36 | |
| Atriplex canescens | 2 | | | 11.36 |
| Atriplex confertifolia | Observed | | | |
| Bassia scoparia | 1 | | | |
| Bromus inermis | 1 | | | |
| Bromus tectorum | 3 | | | |
| Chrysothamnus viscidiflorus | Observed | | | |
| Elymus trachycaulus | 2 | | | |
| Erodium cicutarium | 1 | | | |
| Eremopyrum triticeum | Observed | | | |
| Halogeton glomeratus | 1 | | | |
| Lactuca serriola | 1 | | | |
| Leymus cinereus | 1 | | | |
| Lepidium perfoliatum | Observed | | | |
| Melilotus officinalis | Observed | | | |
| Pascopyrum smithii | 1 | | | |
| Sarcobatus vermiculatus | Observed | | | |
| Thinopyrum intermedium | 2 | | | |

| Transect | % Slope | Aspect |
|----------|---------|--------|
| 1 | Flat | (SE) |
| 2 | 20 | SE |
| 3 | 15 | SW |

RMV 90-20



RMV 90-20 North

Photo Date: 7/15/2008

X: GPS data not available Y:



RMV 90-20 East

Photo Date: 7/15/2008

X: 2318914.08113 Y: 1619150.90612



RMV 90-20 South

Photo Date: 7/15/2008

X: 2318886.86474 Y: 1619384.86632



RMV 90-20 West

Photo Date: 7/15/2008

X: 2318949.34500 Y: 1619416.57632



RMV 90-20 Sample Point 1

Photo Date: 7/15/2008

X: 2319093.96714 Y: 1619224.98127



RMV 90-20 Sample Point 2

Photo Date: 7/15/2008

X: 2318876.61785 Y: 1619392.72619



RMV 90-20 Sample Point 3

Photo Date: 7/15/2008

X: 2318873.87949 Y: 1619312.25141

Well ID: RWF 13-4

Monitor Date: 7/14/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2007

Vegetation Community: Pinon-Juniper Woodland North Aspect

VEGETATION

Total Acceptable Vegetation % Cover: 25.34

Reference Area % Cover: 28.26

90% of Reference Area? No

Relative % Cover of: Grasses 0 Forbs 99.98 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☒ Litter

Size: Alfalfa smaller but dense, sweet clo

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor: Looks as if spreading

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Musk thistle, plumeless thistle and cheatgrass.

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:

It appears that the site was seeded with alfalfa and sweet clover, lambsquarters is spread extensively over the site. If alfalfa becomes larger next year, most weedy species will probably be shaded out.

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 | 8 | 18 | 4 | 10 | 0 | 0 | 2 | 0.67 |
| Melilotus officinalis | 2 | 0 | 0 | 0.67 | 0 | 0 | 0 | 0 |
| Medicago sativa | 10 | 20 | 14 | 14.67 | 4 | 0 | 2 | 2 |
| Total Acceptable Cover | 20 | 38 | 18 | 25.34 | 4 | 0 | 4 | 2.67 |
| Undesirable Species | | | | | | | | |
| Polygonum aviculare | 2 | 4 | | 2 | 0 | 0 | | 0 |
| Total Undesirable Cover | 2 | 4 | | 2 | 0 | 0 | | 0 |
| Total Vegetative Cover: | 22 | 42 | 18 | 27.34 | 4 | 0 | 4 | 2.67 |
| Litter | 8 | 6 | 2 | 5.33 | 10 | 8 | 4 | 7.33 |
| Rock | | | | 0 | | | | 0 |
| Total Non-Vegetative Cover | 8 | 6 | 2 | 5.33 | 10 | 8 | 4 | 7.33 |
| Total Cover | 30 | 48 | 20 | 32.67 | 14 | 8 | 8 | 10 |
| Bare | 70 | 52 | 80 | 67.33 | 86 | 92 | 92 | 90 |

Species List

| Species | Frequency on Pad | Relative % Cover | | |
|-----------------------|------------------------------------|------------------|-------|--------|
| | # of occurrences out of 3 possible | Grasses | Forbs | Shrubs |
| Alyssum desertorum | Observed | 0 | | |
| Bromus inermis | Observed | | 99.98 | |
| Bromus tectorum | Observed | | | 0 |
| Carduus acanthoides | Observed | | | |
| Carduus nutans | Observed | | | |
| Camelina rumelica | 1 | | | |
| Chenopodium album | 3 | 1 | 0 | N |
| Helianthus annuus | 1 | 2 | 9 | N |
| Lactuca serriola | 2 | 3 | 13 | N/NW |
| Melilotus officinalis | 3 | | | |
| Medicago sativa | 3 | | | |
| Pascopyrum smithii | Observed | | | |
| Polygonum aviculare | 2 | | | |
| Salsola kali | 1 | | | |
| Sisymbrium altissimum | Observed | | | |
| Thlaspi arvense | 2 | | | |
| Unknown Mustard | 3 | | | |

RWF 13-4



RWF 13-4 North

Photo Date: 7/14/2008

X: 2319002.93479 Y: 1619218.93627



RWF 13-4 East

Photo Date: 7/14/2008

X: GPS data not available Y:



RWF 13-4 South

Photo Date: 7/14/2008

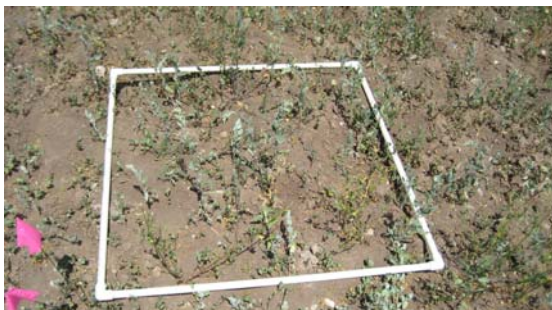
X: GPS data not available Y:



RWF 13-4 West

Photo Date: 7/14/2008

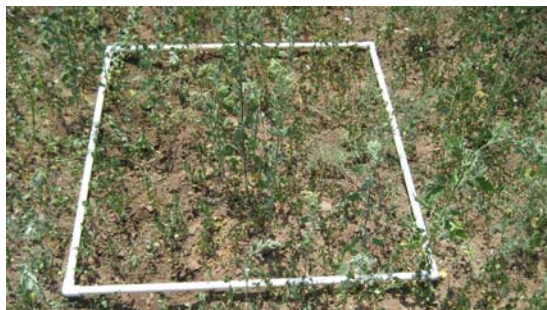
X: GPS data not available Y:



RWF 13-4 Sample Point 1

Photo Date: 7/14/2008

X: 2320479.43495 Y: 1624165.81603



RWF 13-4 Sample Point 2

Photo Date: 7/14/2008

X: GPS data not available Y:



RWF 13-4 Sample Point 3

Photo Date: 7/14/2008

X: 2320285.68447 Y: 1624295.54499

Well ID: RWF 14-4

Monitor Date: 7/14/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2004

Vegetation Community: Pinon-Juniper Woodland North Aspect Pinon-Juniper, Oak Brush, & Irrigated Pasture.

VEGETATION

Total Acceptable Vegetation % Cover: 45.35

Reference Area % Cover: 28.26

90% of Reference Area? Yes

Relative % Cover of: Grasses 53.50 Forbs 46.46 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☒ Litter

Size: Large

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor: Healthy

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Some plumeless thistle and cheatgrass and bindweed.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

| | |
|-------------------------|----|
| % Area in Use: | 5 |
| % Monitor: | 3 |
| % Acceptable: | 92 |
| % Reclamation Complete: | 0 |
| % Restored: | 0 |

Additional work needed to obtain 90% cover:

Overall desirables very healthy and dense; about 3% of pad site has some noxious weed issues, especially plumeless thistle.

Major Facilities Issues:

Additional Comments:

RWF 14-4

VEGETATION DATA

Vegetation Cover

| Species | First Hit % Cover | | | | Ground Hit % Cover | | | |
|-----------------------------------|-------------------|-----------|------------|--------------|--------------------|-----------|-----------|--------------|
| | T1 | T2 | T3 | Mean | T1 | T2 | T3 | Mean |
| Acceptable Species | | | | | | | | |
| Agropyron cristatum | 26 | | 6 | 10.67 | 0 | | 4 | 1.33 |
| Bromus inermis | 2 | 2 | 4 | 2.67 | 0 | 2 | 0 | 0.67 |
| Medicago sativa | 26 | 28 | 8 | 20.67 | 0 | 4 | 0 | 1.33 |
| Pascopyrum smithii | 2 | 4 | 8 | 4.67 | 0 | 4 | 2 | 2 |
| Poa sp. | 4 | 10 | 6 | 6.67 | 0 | 0 | 0 | 0 |
| Total Acceptable Cover | 60 | 44 | 32 | 45.35 | 0 | 10 | 6 | 5.33 |
| Undesirable Species | | | | | | | | |
| Bromus tectorum | | 2 | | 0.67 | | 0 | | 0 |
| Convolvulus arvensis | 4 | | | 1.33 | 0 | | | 0 |
| Total Undesirable Cover | 4 | 2 | | 2 | 0 | 0 | | 0 |
| Total Vegetative Cover: | 64 | 46 | 32 | 47.35 | 0 | 10 | 6 | 5.33 |
| Litter | 34 | 30 | 68 | 44 | 96 | 58 | 92 | 82 |
| Rock | | 8 | | 2.67 | | 14 | | 4.67 |
| Standing Litter | | 2 | | 0.67 | | 0 | | 0 |
| Total Non-Vegetative Cover | 34 | 40 | 68 | 47.34 | 96 | 72 | 92 | 86.67 |
| Total Cover | 98 | 86 | 100 | 94.69 | 96 | 82 | 98 | 92 |
| Bare | 2 | 14 | 0 | 5.33 | 4 | 18 | 2 | 8 |

Species List

| Species | Frequency on Pad # of occurrences out of 3 possible | Relative % Cover | | |
|------------------------|--|------------------|-------|--------|
| | | Grasses | Forbs | Shrubs |
| Achnatherum hymenoides | Observed | 53.50 | | |
| Agropyron cristatum | 2 | | 46.46 | |
| Astragalus cicer | Observed | | | 0 |
| Bromus inermis | 3 | | | |
| Bromus tectorum | 1 | | | |
| Carduus acanthoides | Observed | | | |
| Convolvulus arvensis | 1 | 1 | 10 | N |
| Elymus lanceolatus | 1 | 2 | 22 | NE |
| Ericameria nauseosa | Observed | 3 | 15 | NW |
| Grindelia squarrosa | Observed | | | |
| Gutierrezia sarothrae | Observed | | | |
| Lactuca serriola | Observed | | | |
| Medicago sativa | 3 | | | |
| Pascopyrum smithii | 3 | | | |
| Poa sp. | 3 | | | |
| Quercus gambelii | Observed | | | |
| Sisymbrium altissimum | Observed | | | |
| Tragopogon dubius | Observed | | | |

RWF 14-4



RWF 14-4 North

Photo Date: 7/14/2008

X: GPS data not available Y:



RWF 14-4 East

Photo Date: 7/14/2008

X: GPS data not available Y:



RWF 14-4 South

Photo Date: 7/14/2008

X: GPS data not available Y:



RWF 14-4 West

Photo Date: 7/14/2008

X: 2317915.92013 Y: 1619600.40937



RWF 14-4 Sample Point 1

Photo Date: 7/14/2008

X: 2317988.94953 Y: 1619777.94596



RWF 14-4 Sample Point 2

Photo Date: 7/14/2008

X: 2318076.50613 Y: 1619661.24925



RWF 14-4 Sample Point 3

Photo Date: 7/14/2008

X: 2318022.97187 Y: 1619693.03300

Well ID: RWF 21-28

Monitor Date: 7/15/2008

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: 22.66

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 89.74 Forbs 10.26 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☐ Litter

Size: Healthy in some areas

☒ Flowers / Seeds

☐ Seedlings

Color / Vigor: Healthy in some areas

Comments

Undesirable Vegetation

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

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 10

% Monitor: 50

% Acceptable: 40

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Site has several noxious weeds, some desirables look good but weeds interspersed and two large patches of rocky bare ground exist.

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 | | 1.33 | 0 | 4 | | 1.33 |
| Pascopyrum smithii | 18 | 8 | 34 | 20 | 8 | 2 | 12 | 7.33 |
| Psathyrostachys juncea | | 4 | | 1.33 | | 0 | | 0 |
| Total Acceptable Cover | 18 | 16 | 34 | 22.66 | 8 | 6 | 12 | 8.66 |
| Undesirable Species | | | | | | | | |
| Bassia scoparia | | | 2 | 0.67 | | | 2 | 0.67 |
| Bromus tectorum | 0 | 2 | | 0.67 | 0 | 0 | | 0 |
| Halogeton glomeratus | | 2 | | 0.67 | | 0 | | 0 |
| Salsola kali | 2 | 2 | | 1.33 | 0 | 0 | | 0 |
| Total Undesirable Cover | 2 | 6 | 2 | 3.34 | 0 | 0 | 2 | 0.67 |
| Total Vegetative Cover: | 20 | 22 | 36 | 26 | 8 | 6 | 14 | 9.33 |
| Litter | 20 | 18 | 10 | 16 | 30 | 28 | 24 | 27.33 |
| Rock | 14 | 14 | 4 | 10.67 | 16 | 14 | 4 | 11.33 |
| Total Non-Vegetative Cover | 34 | 32 | 14 | 26.67 | 46 | 42 | 28 | 38.66 |
| Total Cover | 54 | 54 | 50 | 52.67 | 54 | 48 | 42 | 47.99 |
| Bare | 46 | 46 | 50 | 47.33 | 46 | 52 | 58 | 52 |

Species List

| Species | Frequency on Pad | Relative % Cover | | |
|-----------------------------|------------------------------------|------------------|-------|--------|
| | # of occurrences out of 3 possible | Grasses | Forbs | Shrubs |
| Agropyron cristatum | 2 | 89.74 | | |
| Artemisia tridentata | Observed | | 10.26 | |
| Asclepias subverticillata | Observed | | | 0 |
| Atriplex canescens | Observed | | | |
| Bassia scoparia | 1 | | | |
| Bromus tectorum | 2 | | | |
| Chrysothamnus viscidiflorus | 1 | 1 | 15 | S |
| Cirsium arvense | Observed | 2 | 4 | S |
| Elymus trachycaulus | Observed | 3 | 1 | W |
| Erodium cicutarium | Observed | | | |
| Eremopyrum triticeum | Observed | | | |
| Halogeton glomeratus | 1 | | | |
| Lactuca serriola | Observed | | | |
| Leymus cinereus | Observed | | | |
| Lepidium perfoliatum | Observed | | | |
| Melilotus officinalis | Observed | | | |
| Onopordum acanthium | Observed | | | |
| Pascopyrum smithii | 3 | | | |
| Poa sp. | Observed | | | |
| Psathyrostachys juncea | 1 | | | |
| Salsola kali | 2 | | | |
| Sarcobatus vermiculatus | Observed | | | |
| Sisymbrium altissimum | Observed | | | |

xTriticosecale rimpai 1 Observed

RWF 21-28



RWF 21-28 North

Photo Date: 7/15/2008

X: 2318057.00199 Y: 1619634.90041



RWF 21-28 East

Photo Date: 7/15/2008

X: 2317926.37596 Y: 1619609.35665



RWF 21-28 South

Photo Date: 7/15/2008

X: 2322311.27398 Y: 1602663.21473



RWF 21-28 West

Photo Date: 7/15/2008

X: 2322106.16179 Y: 1602829.38368



RWF 21-28 Sample Point 1

Photo Date: 7/15/2008

X: 2322311.36425 Y: 1602957.52115



RWF 21-28 Sample Point 2

Photo Date: 7/15/2008

X: 2322370.95211 Y: 1602796.44030



RWF 21-28 Sample Point 3

Photo Date: 7/15/2008

X: 2322347.45815 Y: 1602764.18539

Well ID: RWF 24-4

Monitor Date: 7/14/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Pad not reclaimed, graded.

Approximate Seed Date:

Vegetation Community: Pinon-Juniper Woodland North Aspect

VEGETATION

Reference Area % Cover: 28.26

Desirable Vegetation

Appears vigorous and self sustaining?

☐ New Shoots

☐ Litter

Size:

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor:

Comments

Undesirable Vegetation

Noxious Weeds Present? Cheatgrass. Thistle by gate may be native. Cirsium calcareum?

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:

RWF 24-4

VEGETATION DATA

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

No Data

Species List

RWF 24-4



RWF 24-4 East

Photo Date: 7/14/2008

X: 2322367.10821 Y: 1602945.90770



RWF 24-4 North

Photo Date: 7/14/2008

X: GPS data not available Y:



RWF 24-4 South

Photo Date: 7/14/2008

X: 2322628.97178 Y: 1601613.96144



RWF 24-4 West

Photo Date: 7/14/2008

X: 2322465.46878 Y: 1601775.51079

Well ID: RWF 313-28

Monitor Date: 7/15/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Difficult to determine extent of pad.

Approximate Seed Date:

Vegetation Community: Pinon-Juniper Woodland North Aspect

VEGETATION

Total Acceptable Vegetation % Cover: 26.67

Reference Area % Cover: 28.26

90% of Reference Area? Yes

Relative % Cover of: Grasses 0 Forbs 99.99 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☒ Litter

Size: Healthy

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor: Young

Comments This is irrigated alfalfa pasture that was recently hayed.

Undesirable Vegetation

Noxious Weeds Present? Yes Some cheatgrass around wellhead.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

% Area in Use: 2

% Monitor: 0

% Acceptable: 98

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

This is irrigated alfalfa pasture that was recently hayed.

Obviously maintained by the farmer and there is little impact to the field from the well. The access road is a simple 2-track.

Major Facilities Issues:

Additional Comments: This is irrigated alfalfa pasture. Very 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 | | | | | | | | |
| Medicago sativa | 4 | 30 | 46 | 26.67 | 0 | 14 | 8 | 7.33 |
| Total Acceptable Cover | 4 | 30 | 46 | 26.67 | 0 | 14 | 8 | 7.33 |
| Undesirable Species | | | | | | | | |
| Convolvulus arvensis | | 6 | | 2 | | 6 | | 2 |
| Total Undesirable Cover | | 6 | | 2 | | 6 | | 2 |
| Total Vegetative Cover: | 4 | 36 | 46 | 28.67 | 0 | 20 | 8 | 9.33 |
| Litter | 84 | 58 | 42 | 61.33 | 88 | 74 | 76 | 79.33 |
| Rock | 0 | 0 | 2 | 0.67 | 0 | 0 | 2 | 0.67 |
| Total Non-Vegetative Cover | 84 | 58 | 44 | 62 | 88 | 74 | 78 | 80 |
| Total Cover | 88 | 94 | 90 | 90.67 | 88 | 94 | 86 | 89.33 |
| Bare | 12 | 6 | 10 | 9.33 | 12 | 6 | 14 | 10.67 |

Species List

| Species | Frequency on Pad | Relative % Cover | |
|----------------------|------------------------------------|------------------|---------------|
| | # of occurrences out of 3 possible | | |
| Bassia scoparia | Observed | Grasses | 0 |
| Bromus tectorum | Observed | Forbs | 99.99 |
| Convolvulus arvensis | 1 | Shrubs | 0 |
| Medicago sativa | 3 | | |
| Pascopyrum smithii | Observed | | |
| | | | |
| | Transect | % Slope | Aspect |
| | 1 | 10 | NW |
| | 2 | 7 | NW |
| | 3 | 7 | NW |

RWF 313-28



RWF 313-28 North

Photo Date: 7/15/2008

X: 2322610.16983

Y: 1601843.16726



RWF 313-28 East

Photo Date: 7/15/2008

X: 2322766.19100

Y: 1601713.75576



RWF 313-28 South

Photo Date: 7/15/2008

X: 2322439.50738

Y: 1601652.36373



RWF 313-28 West

Photo Date: 7/15/2008

X: 2322518.91260

Y: 1601639.80873



RWF 313-28 Sample Point 1

Photo Date: 7/15/2008

X: 2322605.14840

Y: 1601572.50282



RWF 313-28 Sample Point 2

Photo Date: 7/15/2008

X: 2323983.43359

Y: 1616321.09755



RWF 313-28 Sample Point 3

Photo Date: 7/15/2008

X: 2323718.49363

Y: 1616591.67542

Well ID: RWF 314-16

Monitor Date: 7/10/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2003

Vegetation Community: Salt Desert Scrubland High Elevation

VEGETATION

Total Acceptable Vegetation % Cover: 23.33

Reference Area % Cover: 29.8

90% of Reference Area? No

Relative % Cover of: Grasses 91.51 Forbs 8.473 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 erodium interspersed among desirables. One area on east portion mostly erodium and cheatgrass. Some Bindweed and Russian thistle.

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

EROSION

Erosion Issues: Minor

Some rilling on slope directly behind and southwest of smaller/lower condensate tanks.

BLM RECLAMATION TIMETABLE:

% Area in Use: 40

% Monitor: 5

% Acceptable: 55

% Reclamation Complete: 0

% Restored: 0

Additional work needed to obtain 90% cover:

Repair erosion to south west of condensate tanks.

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 | 2 | 0.67 | | 0 | 0 | 0 |
| Elymus trachycaulus | 6 | 6 | 6 | 6 | 2 | 2 | 4 | 2.67 |
| Leymus cinereus | | 4 | 0 | 1.33 | | 2 | 0 | 0.67 |
| Pascopyrum smithii | 16 | 6 | 20 | 14 | 4 | 2 | 8 | 4.67 |
| Ratibida columnifera | 2 | 2 | | 1.33 | 2 | 0 | | 0.67 |
| Total Acceptable Cover | 24 | 18 | 28 | 23.33 | 8 | 6 | 12 | 8.68 |
| Undesirable Species | | | | | | | | |
| Bromus tectorum | 6 | 8 | 30 | 14.67 | 0 | 2 | 0 | 0.67 |
| Erodium cicutarium | 2 | | 0 | 0.67 | 0 | | 0 | 0 |
| Sisymbrium altissimum | 0 | | 2 | 0.67 | 0 | | 0 | 0 |
| Total Undesirable Cover | 8 | 8 | 32 | 16.01 | 0 | 2 | 0 | 0.67 |
| Total Vegetative Cover: | 32 | 26 | 60 | 39.34 | 8 | 8 | 12 | 9.35 |
| Litter | 46 | 28 | 32 | 35.33 | 66 | 44 | 78 | 62.67 |
| Rock | 12 | 16 | 6 | 11.33 | 12 | 20 | 8 | 13.33 |
| Standing Litter | 2 | 4 | | 2 | 0 | 0 | | 0 |
| Total Non-Vegetative Cover | 60 | 48 | 38 | 48.66 | 78 | 64 | 86 | 76 |
| Total Cover | 92 | 74 | 98 | 88 | 86 | 72 | 98 | 85.35 |
| Bare | 8 | 26 | 2 | 12 | 14 | 28 | 2 | 14.67 |

Species List

| Species | Frequency on Pad | Relative % Cover | | |
|-----------------------------|------------------------------------|------------------|-------|--------|
| | # of occurrences out of 3 possible | Grasses | Forbs | Shrubs |
| Artemisia tridentata | Observed | 91.51 | | |
| Astragalus cicer | 2 | | 8.473 | |
| Atriplex canescens | Observed | | | 0 |
| Atriplex confertifolia | Observed | | | |
| Bromus tectorum | 3 | | | |
| Chrysothamnus viscidiflorus | Observed | | | |
| Convolvulus arvensis | Observed | | | |
| Elymus trachycaulus | 3 | | | |
| Erodium cicutarium | 2 | | | |
| Erigeron engelmannii | Observed | | | |
| Lactuca serriola | 1 | | | |
| Leymus cinereus | 2 | | | |
| Lepidium perfoliatum | Observed | | | |
| Melilotus officinalis | Observed | | | |
| Medicago sativa | Observed | | | |
| Pascopyrum smithii | 3 | | | |
| Penstemon palmeri | Observed | | | |
| Psathyrostachys juncea | 3 | | | |
| Ratibida columnifera | 2 | | | |
| Salsola kali | Observed | | | |
| Sisymbrium altissimum | 2 | | | |

| Transect | % Slope | Aspect |
|----------|---------|--------|
| 1 | 16 | S |
| 2 | 13 | S/SW |
| 3 | 17 | W |

| | |
|------------------------|---|
| Sphaeralcea parvifolia | 1 |
| Tragopogon dubius | 1 |

RWF 314-16



RWF 314-16 North
Photo Date: 7/10/2008



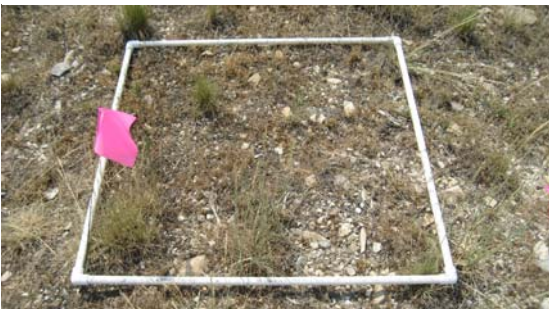
RWF 314-16 East
Photo Date: 7/10/2008



RWF 314-16 South
Photo Date: 7/10/2008



RWF 314-16 West
Photo Date: 7/10/2008



RWF 314-16 Sample Point 1
Photo Date: 7/10/2008



RWF 314-16 Sample Point 2
Photo Date: 7/10/2008



RWF 314-16 Sample Point 3
Photo Date: 7/10/2008



RWF 314-16 Erosion Picture 1
Photo Date: 7/10/2008

RWF 314-16



RWF 314-16 Erosion Picture 2

Photo Date: 7/10/2008

Well ID: RWF 314-17

Monitor Date: 7/11/2008

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: 6.67

Reference Area % Cover: 10.2

90% of Reference Area? No

Relative % Cover of: Grasses 53.32 Forbs 36.66 Shrubs 9.998

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 Erodium and cheatgrass dominate south section of pad. Cheatgrass also interspersed and desirables' density very minimal; also some jointed goat grass on northeast boundary of pad.

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:

Extensive treatment of weed cover and overseeding 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 | | | | | | | | |
| Chrysothamnus viscidiflorus | 4 | | 8 | 4 | 0 | | 0 | 0 |
| Pascopyrum smithii | 8 | 0 | | 2.67 | 4 | 0 | | 1.33 |
| Total Acceptable Cover | 12 | 0 | 8 | 6.67 | 4 | 0 | 0 | 1.33 |
| Undesirable Species | | | | | | | | |
| Bromus tectorum | 8 | 22 | 26 | 18.67 | 2 | 10 | 8 | 6.67 |
| Erodium cicutarium | 18 | 10 | 8 | 12 | 10 | 2 | 2 | 4.67 |
| Sisymbrium altissimum | 2 | 6 | 0 | 2.67 | 0 | 0 | 0 | 0 |
| Total Undesirable Cover | 28 | 38 | 34 | 33.34 | 12 | 12 | 10 | 11.34 |
| Total Vegetative Cover: | 40 | 38 | 42 | 40.01 | 16 | 12 | 10 | 12.67 |
| Litter | 44 | 54 | 26 | 41.33 | 70 | 74 | 40 | 61.33 |
| Rock | 4 | 0 | 2 | 2 | 2 | 0 | 2 | 1.33 |
| Total Non-Vegetative Cover | 48 | 54 | 28 | 43.33 | 72 | 74 | 42 | 62.66 |
| Total Cover | 88 | 92 | 70 | 83.34 | 88 | 86 | 52 | 75.33 |
| Bare | 12 | 8 | 30 | 16.67 | 12 | 14 | 48 | 24.67 |

Species List

| Species | Frequency on Pad | Relative % Cover | | |
|------------------------------|------------------------------------|------------------|-------|-----|
| | # of occurrences out of 3 possible | | | |
| Aegilops cylindrica | 1 | Grasses | 53.32 | |
| Ambrosia artemisiifolia | 3 | Forbs | 36.66 | |
| Artemisia tridentata | 1 | Shrubs | 9.998 | |
| Astragalus cicer | Observed | | | |
| Atriplex canescens | Observed | | | |
| Bassia scoparia | Observed | | | |
| Bromus tectorum | 3 | 1 | 13 | SE |
| Chenopodium album | Observed | 2 | 20 | NE |
| Chrysothamnus viscidiflorus | 2 | 3 | Flat | (E) |
| Convolvulus arvensis | Observed | | | |
| Elymus trachycaulus | Observed | | | |
| Erodium cicutarium | 3 | | | |
| Gutierrezia sarothrae | 1 | | | |
| Halogeton glomeratus | Observed | | | |
| Lactuca serriola | Observed | | | |
| Lepidium perfoliatum | Observed | | | |
| Medicago sativa | Observed | | | |
| Pascopyrum smithii | 2 | | | |
| Penstemon palmeri | Observed | | | |
| Psathyrostachys juncea | Observed | | | |
| Pseudoroegneria spicata | 1 | | | |
| Ratibida columnifera | Observed | | | |
| Salsola kali | Observed | | | |
| Sisymbrium altissimum | 3 | | | |
| Sphaeralcea grossulariifolia | Observed | | | |

| | |
|----------------------|----------|
| Taraxacum officinale | Observed |
| Tragopogon dubius | Observed |
| Unknown Aster 1 | Observed |
| Verbena bracteata | 1 |

RWF 314-17



RWF 314-17 North
Photo Date: 7/11/2008



RWF 314-17 East
Photo Date: 7/11/2008



RWF 314-17 South
Photo Date: 7/11/2008



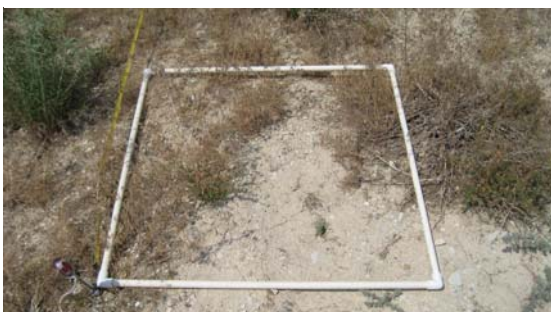
RWF 314-17 West
Photo Date: 7/11/2008



RWF 314-17 Sample Point 1
Photo Date: 7/11/2008



RWF 314-17 Sample Point 2
Photo Date: 7/11/2008



RWF 314-17 Sample Point 3
Photo Date: 7/11/2008

Well ID: RWF 331-21

Monitor Date: 7/10/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Pad not reclaimed. Graded?- but pit still open.

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, cheatgrass. 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:

RWF 331-21

VEGETATION DATA

Vegetation Cover

First Hit % Cover

Ground Hit % Cover

Species

T1

T2

T3

Mean

T1

T2

T3

Mean

No Data

Species List

RWF 331-21



RWF 331-21 North

Photo Date: 7/10/2008

X: 2325274.72546

Y: 1621211.12359



RWF 331-21 East

Photo Date: 7/10/2008

X: 2325120.42238

Y: 1621372.89493



RWF 331-21 South

Photo Date: 7/10/2008

X: 2325383.60037

Y: 1621581.81808



RWF 331-21 West

Photo Date: 7/10/2008

X: 2325497.64543

Y: 1621292.28152

Well ID: RWF 333-18

Monitor Date: 7/11/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Pad not reclaimed or 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? Thistle left of compressor- Unk thistle 2.

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:

RWF 333-18

VEGETATION DATA

Vegetation Cover

First Hit % Cover

Ground Hit % Cover

| Species | T1 | T2 | T3 | Mean | T1 | T2 | T3 | Mean |
|---------|----|----|----|------|----|----|----|------|
|---------|----|----|----|------|----|----|----|------|

No Data

Species List

RWF 333-18



RWF 333-18 North

Photo Date: 7/11/2008

X: 2314605.88373

Y: 1624729.51414



RWF 333-18 East

Photo Date: 7/11/2008

X: 2314512.36405

Y: 1624803.80366



RWF 333-18 South

Photo Date: 7/11/2008

X: 2314583.99107

Y: 1624920.74051



RWF 333-18 West

Photo Date: 7/11/2008

X: 2314793.34518

Y: 1624787.43165

Well ID: RWF 334-18

Monitor Date: 7/11/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2005

Vegetation Community: Pinon-Juniper Woodland South Aspect

VEGETATION

Total Acceptable Vegetation % Cover: 17.33

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 100.0 Forbs 0 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? Yes

☒ New Shoots

☒ Litter

Size: Healthy although stunted in some a

☒ Flowers / Seeds

☒ Seedlings

Color / Vigor: Mostly healthy

Comments

Undesirable Vegetation

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

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

| | |
|-------------------------|----|
| % Area in Use: | 10 |
| % Monitor: | 50 |
| % Acceptable: | 40 |
| % Reclamation Complete: | 0 |
| % Restored: | 0 |

Additional work needed to obtain 90% cover:

Overall site has good start, west and southwest areas look better and more vigorous than eastern portion; overseeding on east might help.

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 | | | | | | | | |
| Elymus trachycaulus | | | 10 | 3.33 | | | 6 | 2 |
| Pascopyrum smithii | 6 | 12 | 12 | 10 | 0 | 2 | 4 | 2 |
| Panicum virgatum | | | 4 | 1.33 | | | 2 | 0.67 |
| Thinopyrum intermedium | 8 | | | 2.67 | 4 | | | 1.33 |
| Total Acceptable Cover | 14 | 12 | 26 | 17.33 | 4 | 2 | 12 | 6 |
| Total Vegetative Cover: | 14 | 12 | 26 | 17.33 | 4 | 2 | 12 | 6 |
| Litter | 0 | 0 | 28 | 9.33 | 2 | 0 | 38 | 13.33 |
| Rock | 28 | 26 | 20 | 24.67 | 40 | 36 | 24 | 33.33 |
| Standing Litter | 4 | 0 | 6 | 3.33 | 0 | 0 | 0 | 0 |
| Total Non-Vegetative Cover | 32 | 26 | 54 | 37.33 | 42 | 36 | 62 | 46.66 |
| Total Cover | 46 | 38 | 80 | 54.66 | 46 | 38 | 74 | 52.66 |
| Bare | 54 | 62 | 20 | 45.33 | 54 | 62 | 26 | 47.33 |

Species List

| Species | Frequency on Pad | Relative % Cover | | |
|-----------------------------|------------------------------------|------------------|-------|----|
| | # of occurrences out of 3 possible | | | |
| Ambrosia artemisiifolia | Observed | Grasses | 100.0 | |
| Atriplex canescens | Observed | Forbs | 0 | |
| Atriplex confertifolia | Observed | Shrubs | 0 | |
| Bromus inermis | Observed | | | |
| Bromus tectorum | Observed | | | |
| Chrysothamnus viscidiflorus | Observed | | | |
| Elymus trachycaulus | 1 | 1 | 22 | S |
| Erodium cicutarium | 1 | 2 | 13 | NW |
| Gutierrezia sarothrae | Observed | 3 | 25 | SE |
| Lactuca serriola | Observed | | | |
| Marrubium vulgare | Observed | | | |
| Pascopyrum smithii | 3 | | | |
| Panicum virgatum | 1 | | | |
| Penstemon palmeri | Observed | | | |
| Psathyrostachys juncea | 1 | | | |
| Salsola kali | 1 | | | |
| Sarcobatus vermiculatus | Observed | | | |
| Thinopyrum intermedium | 1 | | | |
| Tragopogon dubius | Observed | | | |
| Unknown Thistle | Observed | | | |

RWF 334-18



RWF 334-18 North

Photo Date: 7/11/2008

X: 2315079.39765 Y: 1623420.81438



RWF 334-18 East

Photo Date: 7/11/2008

X: GPS data not available Y:



RWF 334-18 South

Photo Date: 7/11/2008

X: 2315139.18838 Y: 1623779.93458



RWF 334-18 West

Photo Date: 7/11/2008

X: 2315203.50663 Y: 1623502.29440



RWF 334-18 Sample Point 1

Photo Date: 7/11/2008

X: 2315129.68769 Y: 1623784.09731



RWF 334-18 Sample Point 2

Photo Date: 7/11/2008

X: 2315129.30769 Y: 1623658.59676



RWF 334-18 Sample Point 3

Photo Date: 7/11/2008

X: 2314976.82760 Y: 1623630.45907

Well ID: RWF 334-22

Monitor Date: 7/16/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2002

Vegetation Community: Riparian Woodland

Riparian woodland.

VEGETATION

Total Acceptable Vegetation % Cover: 6.67

Reference Area % Cover: 18.67

90% of Reference Area? No

Relative % Cover of: Grasses 19.12 Forbs 80.89 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 Russian knapweed of particular concern. Cheatgrass and erodium also interspersed.

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

EROSION

Erosion Issues: None

BLM RECLAMATION TIMETABLE:

| | |
|-------------------------|----|
| % Area in Use: | 2 |
| % Monitor: | 98 |
| % Acceptable: | 0 |
| % Reclamation Complete: | 0 |
| % Restored: | 0 |

Additional work needed to obtain 90% cover:

Overall there are very few desirables, weed treatment for entire pad recommended and reseeding following treatment.

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 | 14 | 0 | 6 | 6.67 | 10 | 0 | 6 | 5.33 |
| Total Acceptable Cover | 14 | 0 | 6 | 6.67 | 10 | 0 | 6 | 5.33 |
| Undesirable Species | | | | | | | | |
| Bassia scoparia | 14 | 40 | 40 | 31.33 | 0 | 10 | 16 | 8.67 |
| Bromus tectorum | 4 | 2 | | 2 | 0 | 2 | | 0.67 |
| Descurainia sophia | 0 | | 10 | 3.33 | 0 | | 0 | 0 |
| Sisymbrium altissimum | 0 | 0 | 6 | 2 | 0 | 0 | 0 | 0 |
| Total Undesirable Cover | 18 | 42 | 56 | 38.66 | 0 | 12 | 16 | 9.34 |
| Total Vegetative Cover: | 32 | 42 | 62 | 45.33 | 10 | 12 | 22 | 14.67 |
| Litter | 16 | 50 | 32 | 32.67 | 40 | 76 | 66 | 60.67 |
| Rock | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Non-Vegetative Cover | 16 | 50 | 32 | 32.67 | 40 | 76 | 66 | 60.67 |
| Total Cover | 48 | 92 | 94 | 78 | 50 | 88 | 88 | 75.34 |
| Bare | 52 | 8 | 6 | 22 | 50 | 12 | 12 | 24.67 |

Species List

| Species | Frequency on Pad | Relative % Cover | |
|-----------------------|------------------------------------|------------------|-----------------------|
| | # of occurrences out of 3 possible | | |
| Acroptilon repens | 1 | Grasses | 19.12 |
| Agropyron cristatum | Observed | Forbs | 80.89 |
| Bassia scoparia | 3 | Shrubs | 0 |
| Bromus tectorum | 2 | | |
| Carduus nutans | Observed | | |
| Descurainia sophia | 2 | Transect | % Slope Aspect |
| Distichlis spicata | 1 | 1 | Flat |
| Erodium cicutarium | Observed | 2 | Flat |
| Hordeum jubatum | 3 | 3 | Flat |
| Lepidium perfoliatum | Observed | | |
| Pascopyrum smithii | 1 | | |
| Salsola kali | Observed | | |
| Sisymbrium altissimum | 3 | | |
| Unknown Forb | 8 | | |

RWF 334-22



RWF 334-22 North

Photo Date: 7/16/2008

X: 2331330.57114

Y: 1617133.70309



RWF 334-22 East

Photo Date: 7/16/2008

X: 2331229.79389

Y: 1617265.02976



RWF 334-22 South

Photo Date: 7/16/2008

X: 2331366.25107

Y: 1617317.22640



RWF 334-22 West

Photo Date: 7/16/2008

X: 2331406.73241

Y: 1617198.14849

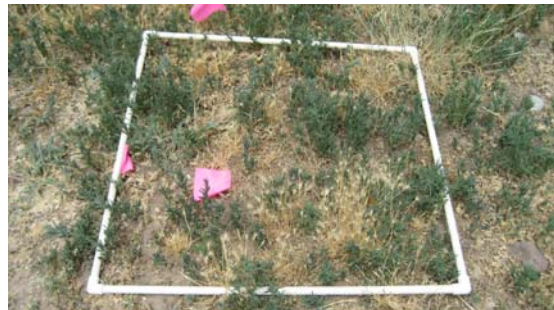


RWF 334-22 Sample Point 1

Photo Date: 7/16/2008

X: 2331427.16122

Y: 1617251.09689



RWF 334-22 Sample Point 2

Photo Date: 7/16/2008

X: 2331275.00187

Y: 1617206.61596



RWF 334-22 Sample Point 3

Photo Date: 7/16/2008

X: 2331273.25530

Y: 1617298.33275

Well ID: RWF 34-14

Monitor Date: 7/10/2008

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: 12.01

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 89.27 Forbs 10.71 Shrubs 0

Desirable Vegetation

Appears vigorous and self sustaining? No

☐ New Shoots

☐ Litter

Size: Mostly stunted and senesced

☐ Flowers / Seeds

☐ Seedlings

Color / Vigor: Dormant, poor growth

Comments

Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass and erodium interspersed.

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

EROSION

Erosion Issues: Minor

Small channel with some rilling along edges at south boundary (erosion photo 1) (GPS point unavailable). What appears to be intentionally constructed channel located along eastern portion (erosion photo 2, eastern edge channel) of pad, some minor rilling and gullyng on slope directly northeast of condensate tank (erosion photos condensate area).

BLM RECLAMATION TIMETABLE:

| | |
|-------------------------|----|
| % Area in Use: | 40 |
| % Monitor: | 60 |
| % Acceptable: | 0 |
| % Reclamation Complete: | 0 |
| % Restored: | 0 |

Additional work needed to obtain 90% cover:

Compacted soils and poor cover overall, ripping and reseeding recommended, pipeline reclamation eastern to northeastern edge of pad containing different reclamation species.

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 | 0 | 24 | | 8 | 0 | 20 | | 6.67 |
| Pascopyrum smithii | | 0 | 2 | 0.67 | | 0 | 0 | 0 |
| Poa sp. | 8 | 0 | | 2.67 | 4 | 0 | | 1.33 |
| Unknown Forb | 2 | | | 0.67 | 0 | | | 0 |
| Total Acceptable Cover | 10 | 24 | 2 | 12.01 | 4 | 20 | 0 | 8 |
| Undesirable Species | | | | | | | | |
| Erodium cicutarium | 10 | 0 | | 3.33 | 4 | 0 | | 1.33 |
| Eremopyrum triticeum | 20 | 12 | 34 | 22 | 4 | 4 | 10 | 6 |
| Total Undesirable Cover | 30 | 12 | 34 | 25.33 | 8 | 4 | 10 | 7.33 |
| Total Vegetative Cover: | 40 | 36 | 36 | 37.34 | 12 | 24 | 10 | 15.33 |
| Litter | 54 | 54 | 14 | 40.67 | 80 | 62 | 30 | 57.33 |
| Rock | | 0 | | 0 | | 2 | | 0.67 |
| Standing Litter | | 0 | | 0 | | 2 | | 0.67 |
| Total Non-Vegetative Cover | 54 | 54 | 14 | 40.67 | 80 | 66 | 30 | 58.67 |
| Total Cover | 94 | 90 | 50 | 78.01 | 92 | 90 | 40 | 74 |
| Bare | 6 | 10 | 50 | 22 | 8 | 10 | 60 | 26 |

Species List

| Species | Frequency on Pad | Relative % Cover | | |
|-----------------------------|------------------------------------|------------------|-------|--------|
| | # of occurrences out of 3 possible | Grasses | Forbs | Shrubs |
| Agropyron cristatum | 2 | 89.27 | | |
| Ambrosia artemisiifolia | 1 | | 10.71 | |
| Artemisia tridentata | 1 | | | 0 |
| Atriplex canescens | 2 | | | |
| Atriplex confertifolia | Observed | | | |
| Bassia scoparia | 1 | | | |
| Bromus tectorum | 3 | | | |
| Chrysothamnus viscidiflorus | Observed | | | |
| Erodium cicutarium | 2 | | | |
| Eremopyrum triticeum | 3 | | | |
| Halogeton glomeratus | 1 | | | |
| Hordeum jubatum | 2 | | | |
| Juniperus osteosperma | Observed | | | |
| Lepidium perfoliatum | 1 | | | |
| Melilotus officinalis | Observed | | | |
| Opuntia sp. | 1 | | | |
| Pascopyrum smithii | 2 | | | |
| Poa sp. | 2 | | | |
| Psathyrostachys juncea | Observed | | | |
| Sarcobatus vermiculatus | 1 | | | |
| Unknown Forb | 1 | | | |

| Transect | % Slope | Aspect |
|----------|---------|--------|
| 1 | Flat | Flat |
| 2 | Flat | Flat |
| 3 | Flat | Flat |

RWF 34-14



RWF 34-14 North

Photo Date: 7/10/2008

X: 2336019.52332 Y: 1622949.98453



RWF 34-14 East

Photo Date: 7/10/2008

X: 2336044.65988 Y: 1623276.38830



RWF 34-14 South

Photo Date: 7/10/2008

X: 2336362.51354 Y: 1623391.06343



RWF 34-14 West

Photo Date: 7/10/2008

X: 2336567.91988 Y: 1623255.03720



RWF 34-14 Sample Point 1

Photo Date: 7/10/2008

X: 2336102.71889 Y: 1623083.02704



RWF 34-14 Sample Point 2

Photo Date: 7/10/2008

X: 2336262.03372 Y: 1623058.77097



RWF 34-14 Sample Point 3

Photo Date: 7/10/2008

X: 2336312.14100 Y: 1623162.58816



RWF 34-14 Erosion Picture 1

Photo Date: 7/10/2008

X: GPS data not available Y:

RWF 34-14



RWF 34-14 Erosion Picture 2

Photo Date: 7/10/2008

X: 2336127.81575 Y: 1623108.91085



RWF 34-14 Erosion Picture 3

Photo Date: 7/10/2008

X: 2336331.87039 Y: 1623334.00455