

Well ID: PA 43-34

Monitor Date: 7/17/2008

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: 8.67

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 92.79 Forbs 7.138 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 present on north and east sides of pad.

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

## EROSION

Erosion Issues: None

### BLM RECLAMATION TIMETABLE:

% Area in Use: 20

% Monitor: 80

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

### Additional work needed to obtain 90% cover:

Desirable seed seems to be taking well, keep eye on minor patches of weeds and should be fine.

### Major Facilities Issues:

### Additional Comments:

**VEGETATION DATA**

**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover				
	T1	T2	T3	Mean	T1	T2	T3	Mean	
<b>Acceptable Species</b>									
Thinopyrum ponticum	20	2	4	8.67	2	0	0	0.67	
<b>Total Acceptable Cover</b>	<b>20</b>	<b>2</b>	<b>4</b>	<b>8.67</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0.67</b>	
<b>Undesirable Species</b>									
Erodium cicutarium	2			0.67	0			0	
<b>Total Undesirable Cover</b>	<b>2</b>			<b>0.67</b>	<b>0</b>			<b>0</b>	
<b>Total Vegetative Cover:</b>	<b>22</b>	<b>2</b>	<b>4</b>	<b>9.34</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0.67</b>	
Litter	42	22	52	38.67	54	24	54	44	
Rock	2	16	6	8	4	16	6	8.67	
<b>Total Non-Vegetative Cover</b>	<b>44</b>	<b>38</b>	<b>58</b>	<b>46.67</b>	<b>58</b>	<b>40</b>	<b>60</b>	<b>52.67</b>	
<b>Total Cover</b>	<b>66</b>	<b>40</b>	<b>62</b>	<b>56.01</b>	<b>60</b>	<b>40</b>	<b>60</b>	<b>53.34</b>	
Bare	34	60	38	44	40	60	40	46.67	

**Species List**

Species	Frequency on Pad <small># of occurrences out of 3 possible</small>	Relative % Cover		
		Grasses	Forbs	Shrubs
Agropyron cristatum	Observed	92.79		
Atriplex canescens	Observed	7.138		
Atriplex confertifolia	Observed			
Bassia scoparia	Observed			
Bromus inermis	Observed			
Bromus tectorum	Observed			
Chenopodium album	Observed			
Chrysothamnus viscidiflorus	1			
Erodium cicutarium	1			
Eremopyrum triticeum	Observed			
Halogeton glomeratus	Observed			
Lactuca serriola	Observed			
Melilotus officinalis	Observed			
Medicago sativa	Observed			
Pascopyrum smithii	Observed			
Psathyrostachys juncea	2			
Sarcobatus vermiculatus	Observed			
ralcea coccinea ssp. coccinea	Observed			
Thinopyrum ponticum	3			
Tragopogon dubius	Observed			
xTriticosecale rimpai	1			

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

# PA 43-34



PA 43-34 North

Photo Date: 7/17/2008

X: 2300457.05593 Y: 1608942.11969



PA 43-34 East

Photo Date: 7/17/2008

X: 2300323.78274 Y: 1609157.15613



PA 43-34 South

Photo Date: 7/17/2008

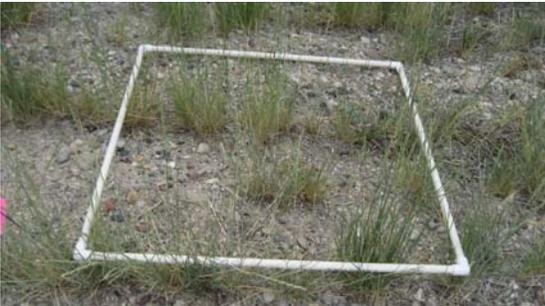
X: 2300511.69028 Y: 1609137.44776



PA 43-34 West

Photo Date: 7/17/2008

X: 2300579.08929 Y: 1608957.65714



PA 43-34 Sample Point 1

Photo Date: 7/17/2008

X: 2300547.39628 Y: 1608971.24242



PA 43-34 Sample Point 2

Photo Date: 7/17/2008

X: 2300525.21340 Y: 1609114.40809



PA 43-34 Sample Point 3

Photo Date: 7/17/2008

X: 2300345.59504 Y: 1609121.34110

**Well ID: PA 44-27**

BLM Land

Monitor Date: 7/17/2008

Observers: N. Weisenbacher

**Reclamation Status as of July 2008:** Not reclaimed

**Approximate Seed Date:**

**Vegetation Community:** Pinon-Juniper Woodland South Aspect

## VEGETATION

**Reference Area % Cover:** 10.2

### Desirable Vegetation

**Appears vigorous and self sustaining?**

New Shoots

Litter

**Size:**

Flowers / Seeds

Seedlings

**Color / Vigor:**

**Comments**

### Undesirable Vegetation

**Noxious Weeds Present?** 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:**

PA 44-27

**VEGETATION DATA**

**Vegetation Cover**

**First Hit % Cover**

**Ground Hit % Cover**

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<b>Species</b>	<b>T1</b>	<b>T2</b>	<b>T3</b>	<b>Mean</b>	<b>T1</b>	<b>T2</b>	<b>T3</b>	<b>Mean</b>
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No Data

**Species List**

# PA 44-27



PA 44-27 North

Photo Date: 7/17/2008

X: 2301082.97168

Y: 1613017.72589



PA 44-27 East

Photo Date: 7/17/2008

X: 2301016.62789

Y: 1613205.75962



PA 44-27 South

Photo Date: 7/17/2008

X: 2301133.36142

Y: 1613227.34037



PA 44-27 West

Photo Date: 7/17/2008

X: 2301157.96043

Y: 1613118.40161

Well ID: RMV 101-28

Monitor Date: 7/15/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date:

Vegetation Community: Pinon-Juniper Woodland North Aspect

## VEGETATION

Total Acceptable Vegetation % Cover: 11.34

Reference Area % Cover: 28.26

90% of Reference Area? No

Relative % Cover of: Grasses 74.33 Forbs 25.63 Shrubs 0

### Desirable Vegetation

Appears vigorous and self sustaining? No

New Shoots

Litter

Size: Stunted

Flowers / Seeds

Seedlings

Color / Vigor: Very dry, sparse

### Comments

### Undesirable Vegetation

Noxious Weeds Present? Yes Scotch (?) thistle, cheatgrass, and erodium dominate, also 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:

Site is mostly noxious and other weeds, very few desirables and most are stunted and not distributed across site.

### Major Facilities Issues:

Additional Comments: Difficult to determine extent of pad.

**VEGETATION DATA**

**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
<b>Acceptable Species</b>								
Agropyron cristatum	0	8	14	7.33	0	2	8	3.33
Bromus inermis			2	0.67			2	0.67
Pascopyrum smithii		4	4	2.67		2	2	1.33
Poa pratensis	2			0.67	0			0
<b>Total Acceptable Cover</b>	<b>2</b>	<b>12</b>	<b>20</b>	<b>11.34</b>	<b>0</b>	<b>4</b>	<b>12</b>	<b>5.33</b>
<b>Undesirable Species</b>								
Bassia scoparia	2			0.67	2			0.67
Bromus tectorum	14	6	4	8	2	2	0	1.33
Erodium cicutarium	4	14	0	6	0	10	0	3.33
<b>Total Undesirable Cover</b>	<b>20</b>	<b>20</b>	<b>4</b>	<b>14.67</b>	<b>4</b>	<b>12</b>	<b>0</b>	<b>5.33</b>
<b>Total Vegetative Cover:</b>	<b>22</b>	<b>32</b>	<b>24</b>	<b>26.01</b>	<b>4</b>	<b>16</b>	<b>12</b>	<b>10.66</b>
Litter	44	28	14	28.67	60	44	20	41.33
Rock	4	14	26	14.67	4	14	28	15.33
Standing Litter	2			0.67	0			0
<b>Total Non-Vegetative Cover</b>	<b>50</b>	<b>42</b>	<b>40</b>	<b>44.01</b>	<b>64</b>	<b>58</b>	<b>48</b>	<b>56.66</b>
<b>Total Cover</b>	<b>72</b>	<b>74</b>	<b>64</b>	<b>70.02</b>	<b>68</b>	<b>74</b>	<b>60</b>	<b>67.32</b>
Bare	28	26	36	30	32	26	40	32.67

**Species List**

Species	Frequency on Pad <small># of occurrences out of 3 possible</small>	Relative % Cover		
		Grasses	Forbs	Shrubs
Agropyron cristatum	3	74.33		
Artemisia tridentata	Observed	25.63		
Atriplex canescens	Observed			
Atriplex confertifolia	Observed			
Bassia scoparia	1			
Bromus inermis	1			
Bromus tectorum	3			
Convolvulus arvensis	Observed			
Erodium cicutarium	3			
Eremopyrum triticeum	Observed			
Lepidium perfoliatum	Observed			
Malva neglecta	Observed			
Medicago sativa	Observed			
Onopordum acanthium	Observed			
Pascopyrum smithii	2			
Polygonum aviculare	Observed			
Poa pratensis	1			
Rumex crispus	Observed			
Salsola kali	Observed			
Sisymbrium altissimum	1			

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

# RMV 101-28



RMV 101-28 North

Photo Date: 7/15/2008

X: 2322998.74425 Y: 1614758.84000



RMV 101-28 East

Photo Date: 7/15/2008

X: 2322963.44014 Y: 1614821.94554



RMV 101-28 South

Photo Date: 7/15/2008

X: 2323252.66024 Y: 1614815.47108



RMV 101-28 West

Photo Date: 7/15/2008

X: 2323204.79800 Y: 1614722.73278



RMV 101-28 Sample Point 1

Photo Date: 7/15/2008

X: 2323246.60788 Y: 1614718.57236



RMV 101-28 Sample Point 2

Photo Date: 7/15/2008

X: 2323179.51182 Y: 1614773.98644



RMV 101-28 Sample Point 3

Photo Date: 7/15/2008

X: 2323035.52086 Y: 1614745.49312

Well ID: RMV 102-28

Monitor Date: 7/15/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date:

Vegetation Community: Salt Desert Scrubland High Elevation

## VEGETATION

Total Acceptable Vegetation % Cover: 20.66

Reference Area % Cover: 29.8

90% of Reference Area? No

Relative % Cover of: Grasses 88.92 Forbs 11.11 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 Plumeless thistle, bindweed, cheatgrass, erodium.

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

## EROSION

Erosion Issues: None

### BLM RECLAMATION TIMETABLE:

% Area in Use: 10

% Monitor: 5

% Acceptable: 85

% Reclamation Complete: 0

% Restored: 0

### Additional work needed to obtain 90% cover:

Overall site looks good, some patches of cheatgrass and erodium should be treated.

### Major Facilities Issues:

### Additional Comments:

**VEGETATION DATA**

**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover				
	T1	T2	T3	Mean	T1	T2	T3	Mean	
<b>Acceptable Species</b>									
Agropyron cristatum	18	8	20	15.33	10	2	8	6.67	
Bromus inermis	2	0	0	0.67	0	0	0	0	
Medicago sativa	4			1.33	0			0	
Pascopyrum smithii	2	6	2	3.33	0	0	0	0	
<b>Total Acceptable Cover</b>	<b>26</b>	<b>14</b>	<b>22</b>	<b>20.66</b>	<b>10</b>	<b>2</b>	<b>8</b>	<b>6.67</b>	
<b>Undesirable Species</b>									
Bromus tectorum		22		7.33		0		0	
Convolvulus arvensis	6			2	0			0	
<b>Total Undesirable Cover</b>	<b>6</b>	<b>22</b>		<b>9.33</b>	<b>0</b>	<b>0</b>		<b>0</b>	
<b>Total Vegetative Cover:</b>	<b>32</b>	<b>36</b>	<b>22</b>	<b>29.99</b>	<b>10</b>	<b>2</b>	<b>8</b>	<b>6.67</b>	
Litter	46	34	38	39.33	58	56	48	54	
Rock	0	6	8	4.67	0	8	10	6	
<b>Total Non-Vegetative Cover</b>	<b>46</b>	<b>40</b>	<b>46</b>	<b>44</b>	<b>58</b>	<b>64</b>	<b>58</b>	<b>60</b>	
<b>Total Cover</b>	<b>78</b>	<b>76</b>	<b>68</b>	<b>73.99</b>	<b>68</b>	<b>66</b>	<b>66</b>	<b>66.67</b>	
Bare	22	24	32	26	32	34	34	33.33	

**Species List**

Species	Frequency on Pad	Relative % Cover		
	<small># of occurrences out of 3 possible</small>	Grasses	Forbs	Shrubs
Agropyron cristatum	3	88.92		
Artemisia tridentata	Observed		11.11	
Bassia scoparia	Observed			0
Bromus arvensis	Observed			
Bromus inermis	3			
Bromus tectorum	1			
Carduus acanthoides	Observed			
Convolvulus arvensis	1			
Distichlis spicata	Observed			
Erodium cicutarium	Observed			
Grindelia squarrosa	1			
Lactuca serriola	Observed			
Lepidium perfoliatum	Observed			
Medicago sativa	1			
Pascopyrum smithii	3			
Poa sp.	Observed			
Sisymbrium altissimum	Observed			
Sphaeralcea coccinea	Observed			
Verbena bracteata	Observed			

	Transect	% Slope	Aspect
	1	15	NW
	2	5	NW
	3	30	N/NW

# RMV 102-28



RMV 102-28 North

Photo Date: 7/15/2008

X: 2322785.59400 Y: 1612167.61632



RMV 102-28 East

Photo Date: 7/15/2008

X: 2322683.48989 Y: 1612295.19723



RMV 102-28 South

Photo Date: 7/15/2008

X: 2322851.13378 Y: 1612470.50283



RMV 102-28 West

Photo Date: 7/15/2008

X: 2323115.93879 Y: 1612355.18914



RMV 102-28 Sample Point 1

Photo Date: 7/15/2008

X: 2323044.67403 Y: 1612336.04334



RMV 102-28 Sample Point 2

Photo Date: 7/15/2008

X: 2322789.41019 Y: 1612295.70980



RMV 102-28 Sample Point 3

Photo Date: 7/15/2008

X: 2322791.64935 Y: 1612475.45985

Well ID: RMV 111-33

Monitor Date: 7/15/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date:

Vegetation Community: Pinon-Juniper Woodland North Aspect

## VEGETATION

Total Acceptable Vegetation % Cover: 18.67

Reference Area % Cover: 28.26

90% of Reference Area? No

Relative % Cover of: Grasses 56.25 Forbs 43.75 Shrubs 0

### Desirable Vegetation

Appears vigorous and self sustaining? Yes

New Shoots

Litter

Size: Young but healthy

Flowers / Seeds

Seedlings

Color / Vigor: Healthy

### Comments

### Undesirable Vegetation

Noxious Weeds Present? Yes Cheatgrass and erodium interspersed, heavy infestation of erodium in northwest corner. Knapweed on east side of access road, patch of erodium also east of access road, some Russian thistle 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 needed and overseeding in areas where there is heavy infestation.

### Major Facilities Issues:

### Additional Comments:

**VEGETATION DATA**

**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
<b>Acceptable Species</b>								
Agropyron cristatum	0	14	10	8	0	4	6	3.33
Medicago sativa		2		0.67		0		0
Pascopyrum smithii		6	14	6.67		0	4	1.33
Poa sp.	6	4		3.33	2	0		0.67
<b>Total Acceptable Cover</b>	<b>6</b>	<b>26</b>	<b>24</b>	<b>18.67</b>	<b>2</b>	<b>4</b>	<b>10</b>	<b>5.33</b>
<b>Undesirable Species</b>								
Convolvulus arvensis	2			0.67	0			0
Erodium cicutarium	30	4		11.33	18	2		6.67
Sisymbrium altissimum	4			1.33	0			0
<b>Total Undesirable Cover</b>	<b>36</b>	<b>4</b>		<b>13.33</b>	<b>18</b>	<b>2</b>		<b>6.67</b>
<b>Total Vegetative Cover:</b>	<b>42</b>	<b>30</b>	<b>24</b>	<b>32</b>	<b>20</b>	<b>6</b>	<b>10</b>	<b>12</b>
Litter	42	8	8	19.33	56	14	12	27.33
Rock	0	2	4	2	0	2	4	2
Standing Litter	2			0.67	0			0
<b>Total Non-Vegetative Cover</b>	<b>44</b>	<b>10</b>	<b>12</b>	<b>22</b>	<b>56</b>	<b>16</b>	<b>16</b>	<b>29.33</b>
<b>Total Cover</b>	<b>86</b>	<b>40</b>	<b>36</b>	<b>54</b>	<b>76</b>	<b>22</b>	<b>26</b>	<b>41.33</b>
Bare	14	60	64	46	24	78	74	58.67

**Species List**

Species	Frequency on Pad <small># of occurrences out of 3 possible</small>	Relative % Cover		
		Grasses	Forbs	Shrubs
Acroptilon repens	Observed	56.25		
Agropyron cristatum	3	43.75		
Artemisia tridentata	Observed			0
Astragalus cicer	Observed			
Atriplex canescens	Observed			
Bromus arvensis	Observed			
Bromus inermis	1	1	13	E/SE
Bromus tectorum	1	2	6	E/NE
Chrysothamnus viscidiflorus	Observed	3	10	N/NE
Convolvulus arvensis	1			
Elymus trachycaulus	Observed			
Erodium cicutarium	2			
Grindelia squarrosa	Observed			
Lactuca serriola	Observed			
Medicago sativa	1			
Pascopyrum smithii	2			
Poa sp.	2			
Salsola kali	Observed			
Sisymbrium altissimum	1			
Sphaeralcea coccinea	1			
Taraxacum officinale	Observed			
Tragopogon dubius	Observed			

Unknown Forb 4	Observed
<i>Verbena bracteata</i>	1

# RMV 111-33



RMV 111-33 North

Photo Date: 7/15/2008

X: 2324203.32274 Y: 1610262.95423



RMV 111-33 East

Photo Date: 7/15/2008

X: 2324212.45288 Y: 1610615.54701



RMV 111-33 South

Photo Date: 7/15/2008

X: 2324355.20581 Y: 1610657.29639



RMV 111-33 West

Photo Date: 7/15/2008

X: 2324497.29668 Y: 1610458.77895



RMV 111-33 Sample Point 1

Photo Date: 7/15/2008

X: 2324255.18464 Y: 1610612.76475



RMV 111-33 Sample Point 2

Photo Date: 7/15/2008

X: 2324280.16366 Y: 1610411.65228



RMV 111-33 Sample Point 3

Photo Date: 7/15/2008

X: 2324498.23092 Y: 1610584.81793

Well ID: RMV 121-27

Monitor Date: 7/16/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2003

Vegetation Community: Salt Desert Scrubland Low Elevation

## VEGETATION

Total Acceptable Vegetative % Cover: 0

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 62.22 Forbs 37.78 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 Erodium and cheatgrass and bindweed dominate site. Plumeless and musk thistle also present, also knapweed 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 dominated almost entirely by weeds. Weed control needed and overseeding also.

### Major Facilities Issues:

Additional Comments: Difficult to determine extent of pad.

**VEGETATION DATA**

**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover				
	T1	T2	T3	Mean	T1	T2	T3	Mean	
<b>Undesirable Species</b>									
Bromus tectorum	36	2	18	18.67	0	2	6	2.67	
Convolvulus arvensis	10	2	0	4	0	0	0	0	
Erodium cicutarium		8	8	5.33		10	10	6.67	
Salsola kali		4		1.33		2		0.67	
Sisymbrium altissimum	0	0	2	0.67	0	0	0	0	
<b>Total Undesirable Cover</b>	<b>46</b>	<b>16</b>	<b>28</b>	<b>30</b>	<b>0</b>	<b>14</b>	<b>16</b>	<b>10.01</b>	
<b>Total Vegetative Cover:</b>	<b>46</b>	<b>16</b>	<b>28</b>	<b>30</b>	<b>0</b>	<b>14</b>	<b>16</b>	<b>10.01</b>	
Litter	44	28	48	40	90	28	56	58	
Rock	0	0	0	0	0	0	0	0	
<b>Total Non-Vegetative Cover</b>	<b>44</b>	<b>28</b>	<b>48</b>	<b>40</b>	<b>90</b>	<b>28</b>	<b>56</b>	<b>58</b>	
<b>Total Cover</b>	<b>90</b>	<b>44</b>	<b>76</b>	<b>70</b>	<b>90</b>	<b>42</b>	<b>72</b>	<b>68.01</b>	
Bare	10	56	24	30	10	58	28	32	

**Species List**

Species	Frequency on Pad <small># of occurrences out of 3 possible</small>	Relative % Cover		
		Grasses	Forbs	Shrubs
Acroptilon repens	Observed	62.22		
Artemisia tridentata	Observed	37.78		
Asclepias speciosa	Observed			
Bassia scoparia	1			
Bromus inermis	Observed			
Bromus tectorum	3			
Carduus acanthoides	Observed			
Carduus nutans	Observed			
Chrysothamnus viscidiflorus	Observed			
Convolvulus arvensis	3			
Erodium cicutarium	2			
Erigeron engelmannii	Observed			
Grindelia squarrosa	Observed			
Heterotheca villosa	Observed			
Lactuca serriola	Observed			
Marrubium vulgare	Observed			
Melilotus officinalis	Observed			
Pascopyrum smithii	Observed			
Poa sp.	1			
Polygonum aviculare	Observed			
Salsola kali	1			
Sisymbrium altissimum	3			
Solidago canadensis	Observed			
Sphaeralcea coccinea	Observed			
Tragopogon dubius	1			
Verbena bracteata	Observed			

Transect	% Slope	Aspect
1	Flat	(W/NW)
2	5	W/NW
3	Flat	(W/NW)

# RMV 121-27



RMV 121-27 North  
Photo Date: 7/16/2008

X: 2332107.66281 Y: 1616271.34477



RMV 121-27 East  
Photo Date: 7/16/2008

X: 2332050.70889 Y: 1616438.46636



RMV 121-27 South  
Photo Date: 7/16/2008

X: 2332194.21207 Y: 1616519.16205



RMV 121-27 West  
Photo Date: 7/16/2008

X: 2332289.47690 Y: 1616341.92233



RMV 121-27 Sample Point 1  
Photo Date: 7/16/2008

X: 2332142.22753 Y: 1616305.44056



RMV 121-27 Sample Point 2  
Photo Date: 7/16/2008

X: 2332194.85302 Y: 1616312.23631



RMV 121-27 Sample Point 3  
Photo Date: 7/16/2008

X: 2332127.05652 Y: 1616423.42282

Well ID: RMV 138-21

Monitor Date: 7/10/2008

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: 17.34

Reference Area % Cover: 25.8

90% of Reference Area? No

Relative % Cover of: Grasses 67.99 Forbs 31.99 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 over most of pad site; some Russian thistle and kochia noted.

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

## EROSION

Erosion Issues: None

### BLM RECLAMATION TIMETABLE:

% Area in Use: 10

% Monitor: 5

% Acceptable: 85

% Reclamation Complete: 0

% Restored: 0

### Additional work needed to obtain 90% cover:

Overall site looks decent but could use 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
<b>Acceptable Species</b>								
Agropyron cristatum		2	0	0.67		2	0	0.67
Elymus trachycaulus	4	20		8	2	18		6.67
Leymus cinereus		2		0.67		0		0
Pascopyrum smithii	4	4	10	6	2	4	2	2.67
Psathyrostachys juncea	4		0	1.33	2		0	0.67
Pseudoroegneria spicata		2		0.67		2		0.67
<b>Total Acceptable Cover</b>	<b>12</b>	<b>30</b>	<b>10</b>	<b>17.34</b>	<b>6</b>	<b>26</b>	<b>2</b>	<b>11.35</b>
<b>Undesirable Species</b>								
Bromus tectorum	14	0	2	5.33	4	0	0	1.33
Erodium cicutarium	10		22	10.67	0		8	2.67
<b>Total Undesirable Cover</b>	<b>24</b>	<b>0</b>	<b>24</b>	<b>16</b>	<b>4</b>	<b>0</b>	<b>8</b>	<b>4</b>
<b>Total Vegetative Cover:</b>	<b>36</b>	<b>30</b>	<b>34</b>	<b>33.34</b>	<b>10</b>	<b>26</b>	<b>10</b>	<b>15.35</b>
Litter	16	10	28	18	26	10	40	25.33
Rock	26	12	12	16.67	32	12	14	19.33
Standing Litter		2		0.67		0		0
<b>Total Non-Vegetative Cover</b>	<b>42</b>	<b>24</b>	<b>40</b>	<b>35.34</b>	<b>58</b>	<b>22</b>	<b>54</b>	<b>44.66</b>
<b>Total Cover</b>	<b>78</b>	<b>54</b>	<b>74</b>	<b>68.68</b>	<b>68</b>	<b>48</b>	<b>64</b>	<b>60.01</b>
Bare	22	46	26	31.33	32	52	36	40

**Species List**

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	2	67.99		
Artemisia tridentata	Observed		31.99	
Atriplex canescens	1			0
Atriplex confertifolia	1			
Bassia scoparia	Observed			
Bromus inermis	Observed			
Bromus tectorum	3			
Chrysothamnus viscidiflorus	Observed			
Elymus trachycaulus	2			
Erodium cicutarium	2			
Ericameria nauseosa	Observed			
Lactuca serriola	Observed			
Leymus cinereus	1			
Melilotus officinalis	Observed			
Medicago sativa	Observed			
Pascopyrum smithii	3			
Penstemon palmeri	Observed			
Psathyrostachys juncea	2			
Pseudoroegneria spicata	1			
Ratibida columnifera	Observed			
Salsola kali	Observed			

	Transect	% Slope	Aspect
	1	20	S
	2	Flat	(S)
	3	20	S

Sisymbrium altissimum	1
Sphaeralcea parvifolia	Observed
Unknown Thistle 1	Observed

# RMV 138-21



RMV 138-21 North

Photo Date: 7/10/2008

X: 2324940.72230 Y: 1619992.16668



RMV 138-21 East

Photo Date: 7/10/2008

X: 2324859.98051 Y: 1620186.66510



RMV 138-21 South

Photo Date: 7/10/2008

X: 2325170.20131 Y: 1620278.90235



RMV 138-21 West

Photo Date: 7/10/2008

X: 2325216.30350 Y: 1620100.62069



RMV 138-21 Sample Point 1

Photo Date: 7/10/2008

X: 2325086.77015 Y: 1620022.73014



RMV 138-21 Sample Point 2

Photo Date: 7/10/2008

X: 2324966.68861 Y: 1620201.34806



RMV 138-21 Sample Point 3

Photo Date: 7/10/2008

X: 2325136.78257 Y: 1620245.03838

Well ID: RMV 139-21

Monitor Date: 7/10/2008  
Observers: N. Weisenbacher

**Reclamation Status as of July 2008:** Reclaimed

Area recently seeded, mulched, and crimped.

**Approximate Seed Date:**

**Vegetation Community:** Pinon-Juniper Woodland South Aspect

## VEGETATION

**Reference Area % Cover:** 10.2

### Desirable Vegetation

**Appears vigorous and self sustaining?** No

New Shoots

Litter

**Size:**

Flowers / Seeds

Seedlings

**Color / Vigor:**

**Comments**

### Undesirable Vegetation

**Noxious Weeds Present?** Yes Halogeton and Russian thistle on northeast side.

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

## EROSION

**Erosion Issues:** None

### BLM RECLAMATION TIMETABLE:

**Additional work needed to obtain 90% cover:**

% Area in Use: 30

% Monitor: 70

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

**Major Facilities Issues:**

**Additional Comments:**

RMV 139-21

VEGETATION DATA

Vegetation Cover

First Hit % Cover

Ground Hit % Cover

---

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

No Data

Species List

# RMV 139-21



RMV 139-21 North

Photo Date: 7/10/2008

X: 2326691.83808 Y: 1620817.52909



RMV 139-21 East

Photo Date: 7/10/2008

X: 2326613.39529 Y: 1620994.94093



RMV 139-21 South

Photo Date: 7/10/2008

X: 2326806.22274 Y: 1621164.94816



RMV 139-21 West

Photo Date: 7/10/2008

X: 2326911.27506 Y: 1620902.12682

Well ID: RMV 141-16

Monitor Date: 7/11/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2004

Vegetation Community: Pinon-Juniper Woodland South Aspect

## VEGETATION

Total Acceptable Vegetation % Cover: 16

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 83.33 Forbs 0 Shrubs 16.67

### Desirable Vegetation

Appears vigorous and self sustaining? Yes

New Shoots

Litter

Size: Healthy

Flowers / Seeds

Seedlings

Color / Vigor: Healthy, desirables growin

### Comments

### Undesirable Vegetation

Noxious Weeds Present? Yes Jointed goat grass, cheatgrass, and minimal kochia. Tamarisk on northeast corner of plot.

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

## EROSION

Erosion Issues: Gullying

Rills > 3" also present. Erosion photo 1: northwest corner; Erosion photo 2: southwest edge; Erosion photo 3: southeast edge; Erosion photo 4: northeast boundary along access road; Erosion photo 5: joins and runs perpendicular to erosion 4; Erosion photo 6: minor rilling along SE edge and adjacent to fence.

### BLM RECLAMATION TIMETABLE:

% Area in Use: 15

% Monitor: 75

% Acceptable: 10

% Reclamation Complete: 0

% Restored: 0

### Additional work needed to obtain 90% cover:

Growth of desirables is sparse, erosion areas hinder plant growth, soils are silty and crust has formed..

### Major Facilities Issues:

Additional Comments: No GPS point for Transect 1. Transect is located approximately 25 meters northwest of well head.

**VEGETATION DATA**

**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
<b>Acceptable Species</b>								
Achnatherum hymenoides	0		2	0.67	0		0	0
Atriplex canescens		4	0	1.33		0	0	0
Chrysothamnus viscidiflorus	0		4	1.33	0		0	0
Elymus trachycaulus	2		22	8	0		14	4.67
Pascopyrum smithii	2	0	12	4.67	0	0	4	1.33
<b>Total Acceptable Cover</b>	<b>4</b>	<b>4</b>	<b>40</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>6</b>
<b>Total Vegetative Cover:</b>	<b>4</b>	<b>4</b>	<b>40</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>6</b>
Litter	4	10	10	8	4	12	24	13.33
Rock	0	6	8	4.67	0	8	8	5.33
Standing Litter	0	0	4	1.33	0	0	0	0
<b>Total Non-Vegetative Cover</b>	<b>4</b>	<b>16</b>	<b>22</b>	<b>14</b>	<b>4</b>	<b>20</b>	<b>32</b>	<b>18.66</b>
<b>Total Cover</b>	<b>8</b>	<b>20</b>	<b>62</b>	<b>30</b>	<b>4</b>	<b>20</b>	<b>50</b>	<b>24.66</b>
Bare	92	80	38	70	96	80	50	75.33

**Species List**

Species	Frequency on Pad	Relative % Cover		
	<small># of occurrences out of 3 possible</small>	Grasses	Forbs	Shrubs
Achnatherum hymenoides	2	83.33		
Aegilops cylindrica	Observed		0	
Ambrosia artemisiifolia	Observed			16.67
Atriplex canescens	2			
Atriplex confertifolia	Observed			
Bassia scoparia	Observed			
Bromus arvensis	Observed			
Bromus inermis	Observed			
Bromus tectorum	Observed			
Chrysothamnus viscidiflorus	2			
Convolvulus arvensis	Observed			
Elymus trachycaulus	2			
Halogeton glomeratus	Observed			
Hordeum jubatum	Observed			
Juniperus osteosperma	Observed			
Lactuca serriola	Observed			
Leymus cinereus	Observed			
Pascopyrum smithii	3			
Panicum virgatum	Observed			
Penstemon palmeri	Observed			
Ratibida columnifera	Observed			
Tamarix ramosissima	Observed			
xTriticosecale rimpaii 1	Observed			
Unknown Aster 1	Observed			
Unknown Fabaceae 1	Observed			

Transect	% Slope	Aspect
1	Flat	(E)
2	20	E
3	Flat	(S)

# RMV 141-16



RMV 141-16 North

Photo Date: 7/11/2008

X: 2322693.75916 Y: 1624125.01869



RMV 141-16 East

Photo Date: 7/11/2008

X: 2322563.09008 Y: 1624422.96052



RMV 141-16 South

Photo Date: 7/11/2008

X: 2322710.77413 Y: 1624507.38502



RMV 141-16 West

Photo Date: 7/11/2008

X: 2322815.01864 Y: 1624293.31176



RMV 141-16 Sample Point 1

Photo Date: 7/11/2008

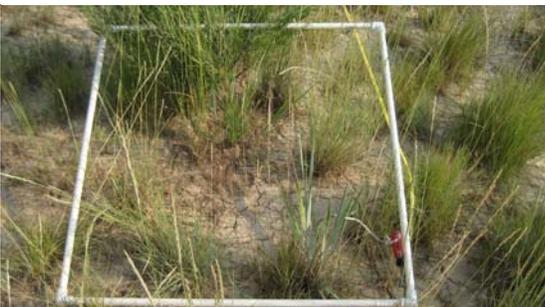
X: 2322761.51944 Y: 1624349.35144



RMV 141-16 Sample Point 2

Photo Date: 7/11/2008

X: GPS data not available Y:



RMV 141-16 Sample Point 3

Photo Date: 7/11/2008

X: 2322806.78774 Y: 1624301.93850



RMV 141-16 Erosion Picture 1

Photo Date: 7/11/2008

X: 2318020.77704 Y: 1621299.03828

# RMV 141-16



RMV 141-16 Erosion Picture 2

Photo Date: 7/11/2008

X: 2322641.86467 Y: 1624260.45733



RMV 141-16 Erosion Picture 3

Photo Date: 7/11/2008

X: 2322664.36113 Y: 1624218.67543



RMV 141-16 Erosion Picture 4

Photo Date: 7/11/2008

X: 2322744.57352 Y: 1624317.59040



RMV 141-16 Erosion Picture 5

Photo Date: 7/11/2008

X: 2322789.01889 Y: 1624314.82690



RMV 141-16 Erosion Picture 6

Photo Date: 7/11/2008

X: 2322799.63158 Y: 1624251.89176

Well ID: RMV 143-18

Monitor Date: 7/11/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2006

Vegetation Community: Pinon-Juniper Woodland South Aspect

## VEGETATION

Total Acceptable Vegetation % Cover: 22.01

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 83.61 Forbs 16.36 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 Musk thistle across pad site; cheatgrass also interspersed. Jointed goat grass interspersed in northeast corner and on edge of pad. Russian thistle interspersed.

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

## EROSION

Erosion Issues: None

### BLM RECLAMATION TIMETABLE:

% Area in Use: 20

% Monitor: 80

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

### Additional work needed to obtain 90% cover:

Overall, desirables look healthy and are spreading but weedy species are a concern and should be monitored and controlled as needed to ensure desirables' success; there are some sparse areas in northwest edge of pad.

### Major Facilities Issues:

### Additional Comments:

**VEGETATION DATA**

**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
<b>Acceptable Species</b>								
Bromus arvensis		0	2	0.67		0	0	0
Pascopyrum smithii	38	12	12	20.67	12	4	6	7.33
xTriticosecale rimpaii 1	2			0.67	2			0.67
<b>Total Acceptable Cover</b>	<b>40</b>	<b>12</b>	<b>14</b>	<b>22.01</b>	<b>14</b>	<b>4</b>	<b>6</b>	<b>8</b>
<b>Undesirable Species</b>								
Bromus tectorum	8	4	14	8.67	0	0	6	2
Lactuca serriola	2			0.67	0			0
Polygonum aviculare	0	4		1.33	0	0		0
Salsola kali	12	0		4	0	0		0
<b>Total Undesirable Cover</b>	<b>22</b>	<b>8</b>	<b>14</b>	<b>14.67</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>2</b>
<b>Total Vegetative Cover:</b>	<b>62</b>	<b>20</b>	<b>28</b>	<b>36.68</b>	<b>14</b>	<b>4</b>	<b>12</b>	<b>10</b>
Litter	18	32	16	22	60	42	20	40.67
Rock	6	26	28	20	10	32	28	23.33
Standing Litter	6	0	2	2.67	0	0	0	0
<b>Total Non-Vegetative Cover</b>	<b>30</b>	<b>58</b>	<b>46</b>	<b>44.67</b>	<b>70</b>	<b>74</b>	<b>48</b>	<b>64</b>
<b>Total Cover</b>	<b>92</b>	<b>78</b>	<b>74</b>	<b>81.35</b>	<b>84</b>	<b>78</b>	<b>60</b>	<b>74</b>
Bare	8	22	26	18.67	16	22	40	26

**Species List**

Species	Frequency on Pad <small># of occurrences out of 3 possible</small>	Relative % Cover		
		Grasses	Forbs	Shrubs
Aegilops cylindrica	Observed	83.61		
Agropyron cristatum	1	16.36		
Bassia scoparia	1	0		
Bromus arvensis	2			
Bromus tectorum	3			
Carduus nutans	1			
Chenopodium murale	Observed			
Chrysothamnus viscidiflorus	Observed			
Elymus trachycaulus	Observed			
Gutierrezia sarothrae	Observed			
Halogeton glomeratus	Observed			
Hordeum jubatum	Observed			
Lactuca serriola	1			
Lepidium perfoliatum	Observed			
Melilotus officinalis	1			
Pascopyrum smithii	3			
ria integrifolia var. oblongifolia	1			
Polygonum aviculare	2			
Ratibida columnifera	Observed			
Salsola kali	2			
Sisymbrium altissimum	Observed			
Tragopogon dubius	Observed			

Transect	% Slope	Aspect
1	16	E
2	Flat	(E)
3	17	E



# RMV 143-18



RMV 143-18 North

Photo Date: 7/11/2008

X: 2315116.57471 Y: 1623966.85294



RMV 143-18 East

Photo Date: 7/11/2008

X: 2314964.36221 Y: 1624100.06792



RMV 143-18 South

Photo Date: 7/11/2008

X: 2315174.21924 Y: 1624246.97175



RMV 143-18 West

Photo Date: 7/11/2008

X: 2315229.56845 Y: 1624048.12133



RMV 143-18 Sample Point 1

Photo Date: 7/11/2008

X: 2315203.42244 Y: 1624078.92334



RMV 143-18 Sample Point 2

Photo Date: 7/11/2008

X: 2315154.68836 Y: 1624202.18776



RMV 143-18 Sample Point 3

Photo Date: 7/11/2008

X: 2315006.56230 Y: 1624098.47001

Well ID: RMV 150-22

Monitor Date: 7/16/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Not reclaimed

Approximate Seed Date:

Vegetation Community: Riparian Woodland

## VEGETATION

Reference Area % Cover: 18.67

### Desirable Vegetation

Appears vigorous and self sustaining?

New Shoots

Litter

Size:

Flowers / Seeds

Seedlings

Color / Vigor:

Comments

### Undesirable Vegetation

Noxious Weeds Present?

Russian knapweed- large patch on north side of pit. Tamarisk adjacent to pad. Russian thistle, 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:

RMV 150-22

VEGETATION DATA

Vegetation Cover

First Hit % Cover

Ground Hit % Cover

---

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

No Data

Species List

# RMV 150-22



RMV 150-22 North

Photo Date: 7/16/2008

X: 2331573.62292 Y: 1617767.25576



RMV 150-22 East

Photo Date: 7/16/2008

X: 2331460.66250 Y: 1617874.93385



RMV 150-22 South

Photo Date: 7/16/2008

X: 2331677.45055 Y: 1617872.41816



RMV 150-22 West

Photo Date: 7/16/2008

X: 2331753.17750 Y: 1617813.60201

Well ID: RMV 152-22

Monitor Date: 7/16/2008

Observers: N. Weisenbacher

Reclamation Status as of July 2008: Reclaimed

Approximate Seed Date: 2006

Vegetation Community: Pinon-Juniper Woodland South Aspect

## VEGETATION

Total Acceptable Vegetation % Cover: 16.67

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 93.12 Forbs 6.898 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 Erodium, cheatgrass, and Russian thistle interspersed across site.  
Dense patch of Russian thistle on east edge of pad.

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

## EROSION

Erosion Issues: Rills >3" Erosion photo 1: rilling on southeast portion of pad looking southeast.  
Erosion photo 2: rilling on southeast portion of pad looking southeast.  
Erosion photo 3: rilling on east portion of pad looking southeast.  
Erosion photo 4: rilling on north portion of pad looking southeast.

### BLM RECLAMATION TIMETABLE:

% Area in Use:	20
% Monitor:	80
% Acceptable:	0
% Reclamation Complete:	0
% Restored:	0

### Additional work needed to obtain 90% cover:

While desirables generally look healthy, there are erosion and weed issues that could hamper desirables' success. Site looks newly seeded, weed control recommended and some reseeded.

### Major Facilities Issues:

### Additional Comments:

**VEGETATION DATA**

**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
<b>Acceptable Species</b>								
Agropyron cristatum	0	2		0.67	0	0		0
Pascopyrum smithii			2	0.67			0	0
Thinopyrum ponticum	38	0	8	15.33	8	0	4	4
<b>Total Acceptable Cover</b>	<b>38</b>	<b>2</b>	<b>10</b>	<b>16.67</b>	<b>8</b>	<b>0</b>	<b>4</b>	<b>4</b>
<b>Undesirable Species</b>								
Bromus tectorum	2	2	0	1.33	0	0	0	0
Erodium cicutarium		4		1.33		0		0
<b>Total Undesirable Cover</b>	<b>2</b>	<b>6</b>	<b>0</b>	<b>2.66</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Vegetative Cover:</b>	<b>40</b>	<b>8</b>	<b>10</b>	<b>19.33</b>	<b>8</b>	<b>0</b>	<b>4</b>	<b>4</b>
Litter	58	60	46	54.67	86	68	52	68.67
Rock	0	2	0	0.67	0	0	0	0
<b>Total Non-Vegetative Cover</b>	<b>58</b>	<b>62</b>	<b>46</b>	<b>55.34</b>	<b>86</b>	<b>68</b>	<b>52</b>	<b>68.67</b>
<b>Total Cover</b>	<b>98</b>	<b>70</b>	<b>56</b>	<b>74.67</b>	<b>94</b>	<b>68</b>	<b>56</b>	<b>72.67</b>
Bare	2	30	44	25.33	6	32	44	27.33

**Species List**

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Agropyron cristatum	2	93.12		
Ambrosia artemisiifolia	1	6.898		
Atriplex canescens	Observed			0
Atriplex confertifolia	Observed			
Bassia scoparia	Observed			
Bromus arvensis	Observed			
Bromus tectorum	3			
Carduus nutans	Observed			
Chrysothamnus viscidiflorus	Observed			
Elymus trachycaulus	Observed			
Erodium cicutarium	1			
Eremopyrum triticeum	Observed			
Halogeton glomeratus	Observed			
Lactuca serriola	Observed			
Lepidium perfoliatum	Observed			
Melilotus officinalis	1			
Medicago sativa	Observed			
Pascopyrum smithii	1			
Salsola kali	2			
Sisymbrium altissimum	Observed			
ralcea coccinea ssp. coccinea	1			
Thinopyrum intermedium	Observed			
Thinopyrum ponticum	3			
Tragopogon dubius	Observed			
xTriticosecale rimpau i	3			

Transect	% Slope	Aspect
1	30	SE
2	25	S/SW
3	5	S/SE

Unknown Forb 6      Observed

# RMV 152-22



RMV 152-22 North  
Photo Date: 7/16/2008



RMV 152-22 East  
Photo Date: 7/16/2008



RMV 152-22 South  
Photo Date: 7/16/2008



RMV 152-22 West  
Photo Date: 7/16/2008



RMV 152-22 Sample Point 1  
Photo Date: 7/16/2008



RMV 152-22 Sample Point 2  
Photo Date: 7/16/2008



RMV 152-22 Sample Point 3  
Photo Date: 7/16/2008



RMV 152-22 Erosion Picture 1  
Photo Date: 7/16/2008

## RMV 152-22



RMV 152-22 Erosion Picture 2  
Photo Date: 7/16/2008



RMV 152-22 Erosion Picture 3  
Photo Date: 7/16/2008



RMV 152-22 Erosion Picture 4  
Photo Date: 7/16/2008

Well ID: RMV 153-22

Monitor Date: 7/10/2008

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: 29.33

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 96.44 Forbs 0 Shrubs 3.572

### 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 Some cheatgrass interspersed among desirables; small patch of erodium.

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

## EROSION

Erosion Issues: None

### BLM RECLAMATION TIMETABLE:

% Area in Use: 5

% Monitor: 4

% Acceptable: 0

% Reclamation Complete: 91

% Restored: 0

### Additional work needed to obtain 90% cover:

A 2% patch of erodium in northeast corner of pad site and 2% patch of erodium in NW corner

### Major Facilities Issues:

### Additional Comments:

**VEGETATION DATA**

**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
<b>Acceptable Species</b>								
Achnatherum hymenoides			4	1.33			0	0
Agropyron cristatum	6	0		2	2	0		0.67
Chrysothamnus viscidiflorus			4	1.33				0
Pascopyrum smithii	36	26	12	24.67	8	6	6	6.67
<b>Total Acceptable Cover</b>	<b>42</b>	<b>26</b>	<b>20</b>	<b>29.33</b>	<b>10</b>	<b>6</b>	<b>6</b>	<b>7.34</b>
<b>Undesirable Species</b>								
Bromus tectorum	2	0	22	8	0	0	4	1.33
<b>Total Undesirable Cover</b>	<b>2</b>	<b>0</b>	<b>22</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1.33</b>
<b>Total Vegetative Cover:</b>	<b>44</b>	<b>26</b>	<b>42</b>	<b>37.33</b>	<b>10</b>	<b>6</b>	<b>10</b>	<b>8.67</b>
Litter	18	36	22	25.33	40	54	52	48.67
Rock	4	0	0	1.33	4	0	0	1.33
Standing Litter	6	6	4	5.33	0	0	0	0
<b>Total Non-Vegetative Cover</b>	<b>28</b>	<b>42</b>	<b>26</b>	<b>31.99</b>	<b>44</b>	<b>54</b>	<b>52</b>	<b>50</b>
<b>Total Cover</b>	<b>72</b>	<b>68</b>	<b>68</b>	<b>69.32</b>	<b>54</b>	<b>60</b>	<b>62</b>	<b>58.67</b>
Bare	28	32	32	30.67	46	40	38	41.33

**Species List**

Species	Frequency on Pad	Relative % Cover		
	# of occurrences out of 3 possible	Grasses	Forbs	Shrubs
Achnatherum hymenoides	1	96.44		
Agropyron cristatum	2		0	
Atriplex canescens	1			3.572
Bromus inermis	2			
Bromus tectorum	3			
Chrysothamnus viscidiflorus	1			
Erodium cicutarium	Observed	1	25	SE
Gutierrezia sarothrae	1	2	0	(SE)
Leymus cinereus	2	3	29	E
Pascopyrum smithii	3			
Penstemon palmeri	Observed			
Sisymbrium altissimum	Observed			

# RMV 153-22



RMV 153-22 North

Photo Date: 7/10/2008

X: 2329026.90995 Y: 1621932.43981



RMV 153-22 East

Photo Date: 7/10/2008

X: 2329039.94601 Y: 1622179.77189



RMV 153-22 South

Photo Date: 7/10/2008

X: 2329206.33854 Y: 1622395.96101



RMV 153-22 West

Photo Date: 7/10/2008

X: 2329241.19783 Y: 1622130.76543



RMV 153-22 Sample Point 1

Photo Date: 7/10/2008

X: 2329180.27564 Y: 1622086.92539



RMV 153-22 Sample Point 2

Photo Date: 7/10/2008

X: 2329199.19094 Y: 1622229.41018



RMV 153-22 Sample Point 3

Photo Date: 7/10/2008

X: GPS data not available Y:

**Well ID: RMV 169-18**

BLM Land

Monitor Date: 7/11/2008

Observers: N. Weisenbacher

**Reclamation Status as of July 2008:** Not reclaimed

Pad not reclaimed. Dirt work complete.

**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?** Musk thistle, tamarisk near, but not on, pad. 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:**

**RMV 169-18**

**VEGETATION DATA**

**Vegetation Cover**

**First Hit % Cover**

**Ground Hit % Cover**

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<b>Species</b>	<b>T1</b>	<b>T2</b>	<b>T3</b>	<b>Mean</b>	<b>T1</b>	<b>T2</b>	<b>T3</b>	<b>Mean</b>
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No Data

**Species List**

# RMV 169-18



RMV 169-18 North

Photo Date: 7/11/2008

X: 2314070.87917 Y: 1625342.02483



RMV 169-18 East

Photo Date: 7/11/2008

X: 2313894.83575 Y: 1625459.07565



RMV 169-18 South

Photo Date: 7/11/2008

X: 2314046.45500 Y: 1625470.95185



RMV 169-18 West

Photo Date: 7/11/2008

X: 2314162.06911 Y: 1625456.76186

Well ID: RMV 204-20

Monitor Date: 7/11/2008

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: 10.67

Reference Area % Cover: 10.2

90% of Reference Area? Yes

Relative % Cover of: Grasses 43.24 Forbs 18.92 Shrubs 37.83

### Desirable Vegetation

Appears vigorous and self sustaining? No

New Shoots

Litter

Size: Shrubs are vigorous, but not grasses

Flowers / Seeds

Seedlings

Color / Vigor: Shrubs healthy, grasses a

### Comments

### Undesirable Vegetation

Noxious Weeds Present? Yes Erodium and cheatgrass interspersed across pad. North boundary of pad with heavy cheatgrass and erodium infestation. Russian thistle present.

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

## EROSION

Erosion Issues: Minor Some gullyng at southeast corner of pad.

### BLM RECLAMATION TIMETABLE:

% Area in Use: 60

% Monitor: 40

% Acceptable: 0

% Reclamation Complete: 0

% Restored: 0

### Additional work needed to obtain 90% cover:

Southern boundary sparsely covered and weeds on northern boundary. Overall, shrub regrowth good but sparse grass and forb regrowth.

### Major Facilities Issues:

### Additional Comments:

**VEGETATION DATA**

**Vegetation Cover**

Species	First Hit % Cover				Ground Hit % Cover			
	T1	T2	T3	Mean	T1	T2	T3	Mean
<b>Acceptable Species</b>								
Chrysothamnus viscidiflorus	6		22	9.33	0		0	0
Elymus trachycaulus			2	0.67			0	0
Verbena bracteata		2		0.67		2		0.67
<b>Total Acceptable Cover</b>	<b>6</b>	<b>2</b>	<b>24</b>	<b>10.67</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0.67</b>
<b>Undesirable Species</b>								
Bromus tectorum	12	18		10	6	0		2
Erodium cicutarium	2	8		3.33	0	8		2.67
Halogeton glomeratus			2	0.67			0	0
<b>Total Undesirable Cover</b>	<b>14</b>	<b>26</b>	<b>2</b>	<b>14</b>	<b>6</b>	<b>8</b>	<b>0</b>	<b>4.67</b>
<b>Total Vegetative Cover:</b>	<b>20</b>	<b>28</b>	<b>26</b>	<b>24.67</b>	<b>6</b>	<b>10</b>	<b>0</b>	<b>5.34</b>
Litter	40	26	4	23.33	48	40	14	34
Rock	14	6	14	11.33	16	8	20	14.67
<b>Total Non-Vegetative Cover</b>	<b>54</b>	<b>32</b>	<b>18</b>	<b>34.66</b>	<b>64</b>	<b>48</b>	<b>34</b>	<b>48.67</b>
<b>Total Cover</b>	<b>74</b>	<b>60</b>	<b>44</b>	<b>59.33</b>	<b>70</b>	<b>58</b>	<b>34</b>	<b>54.01</b>
Bare	26	40	56	40.67	30	42	66	46

**Species List**

Species	Frequency on Pad <small># of occurrences out of 3 possible</small>	Relative % Cover		
		Grasses	Forbs	Shrubs
Agropyron cristatum	1	43.24		
Alyssum desertorum	Observed	18.92		
Atriplex canescens	Observed	37.83		
Atriplex confertifolia	1			
Bassia scoparia	1			
Bromus tectorum	2			
Chrysothamnus viscidiflorus	2	1	33	E
Elymus trachycaulus	1	2	33	S
Erodium cicutarium	2	3	17	S
Ericameria nauseosa	Observed			
Grindelia squarrosa	Observed			
Gutierrezia sarothrae	1			
Halogeton glomeratus	1			
Lepidium perfoliatum	1			
Melilotus officinalis	1			
Medicago sativa	Observed			
Pascopyrum smithii	2			
Ratibida columnifera	1			
Salsola kali	1			
Sisymbrium altissimum	3			
Tragopogon dubius	2			
Unknown Thistle 2	Observed			
Verbena bracteata	1			

# RMV 204-20



RMV 204-20 North

Photo Date: 7/11/2008

X: 2317926.90213 Y: 1621327.11821



RMV 204-20 East

Photo Date: 7/11/2008

X: 2317929.75575 Y: 1621528.89355



RMV 204-20 South

Photo Date: 7/11/2008

X: 2318032.22268 Y: 1621579.48433



RMV 204-20 West

Photo Date: 7/11/2008

X: 2318124.85895 Y: 1621428.46185



RMV 204-20 Sample Point 1

Photo Date: 7/11/2008

X: 2317934.99875 Y: 1621539.36406



RMV 204-20 Sample Point 2

Photo Date: 7/11/2008

X: 2317997.57572 Y: 1621597.06761



RMV 204-20 Sample Point 3

Photo Date: 7/11/2008

X: GPS data not available Y:



RMV 204-20 Erosion Picture 1

Photo Date: 7/11/2008

X: GPS data not available Y: