

APPENDIX B

DETAILS OF  
PROPOSED ACTIONS  
&  
MONITORING



***Angostura Allotment***

<b>Objectives</b>	Combine with the Hughson and Harris allotments to form the Slim Butte Allotment
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	
4. Heavy Stocking	
5. FRRD Stocking Guide	
6. Drought Guide	
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	

*Angostura Allotment*

*The Angostura Allotment is being combined with other allotments to form the Slim Butte allotment. See the Slim Butte Allotment proposed actions for directions on monitoring methods being applied.*

***Bennett Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years
<b>Practices or Activities</b>		
1. No Stocking		
2. Light Stocking		
3. Moderate Stocking	x	x
4. Heavy Stocking		
5. FRRD Stocking Guide	x	
6. Drought Guide	x	
7. Prescribed Fire		
8. Perm. Fence out areas of concern		
9. Temp. Electric Fence		
10. Limit Shooting		
11. Herd Livestock	x	
12. Turn on/off water to encourage/discourage cattle use		
13. Remove or relocate range structures		
14. Change class of livestock	x	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x	

***Bennett Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Black Banks Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

**Black Banks Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**Bochert Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Manage for high vegetation structure. See table below.	Move at least 80% of Hardwood draws toward self-perpetuating tree & shrub regeneration	Expand current prairie dog colonies by a minimum of 1500 acres during the next 10-15 years	Maintain identified “stable” rare plant communities during the next 10-15 years
<b>Practices or Activities</b>						
1. No Stocking		x w/8				x w/8
2. Light Stocking	x	x	x	x-to produce cover	x	x
3. Moderate Stocking	x	x	x		x	x
4. Heavy Stocking	x				x	
5. FRRD Stocking Guide	x	x		x-timing	x	x
6. Drought Guide	x		x		x	
7. Prescribed Fire				x		
8. Perm. Fence out areas of concern		x				x
9. Temp. Electric Fence		x w/1				x w/1
10. Limit Shooting						
11. Herd Livestock	x					
12. Turn on/off water to encourage/discourage cattle use						
13. Remove or relocate range structures						
14. Change class of livestock	x					
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x					

Some areas of the Bochert allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframe
Bochert Dam	70%	1,034	Annual
Draw	<69%	1,246	3 out of 4 years
Hay	<70%	2,795	Annual
Ridge	63%	2,781	Once every 4 years
Enclosure	0%	7	Annual

**Bochert Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Hardwood Draws	Uresk Seral Stage Ocular Plant Composition	No later than 5 <sup>th</sup> year after plan implementation	Existing plots	map & report 5 <sup>th</sup> year map and report 5 <sup>th</sup> year
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-14 R&E 1	BFF – Recovery	GPS size of towns	Annual	3.63	map and acres report annual
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Bogner J Allotment***

<b>Objectives</b>	Combine with the Gann allotment
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	
4. Heavy Stocking	
5. FRRD Stocking Guide	
6. Drought Guide	
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	

***Bogner J Allotment***

***The Bogner J Allotment is being combined with the Gannr allotment. See the Gann Allotment proposed actions for directions on monitoring methods being applied.***

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

***Bogner N Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

***Bogner N Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**Burgess Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Manage for high vegetation structure, 1-2 pastures	Move at least 80% of Hardwood draws toward self-perpetuating tree & shrub regeneration	Manage 2 pastures to meet NLRMP low seral standard	Maintain identified “stable” rare plant communities during the next 10-15 years	Maintain sensitive plant species occurrence
<b>Practices or Activities</b>							
1. No Stocking							
2. Light Stocking			x				
3. Moderate Stocking	x	x	x			x	x
4. Heavy Stocking					x		
5. FRRD Stocking Guide	x			x-timing			
6. Drought Guide	x		x				
7. Prescribed Fire		x		x			
8. Perm. Fence out areas of concern							
9. Temp. Electric Fence							
10. Limit Shooting							
11. Herd Livestock	x						
12. Turn on/off water to encourage/discourage cattle use							
13. Remove or relocate range structures							
14. Change class of livestock	x						
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x						

Some areas of the Burgess allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
Little woody	70%	517	Annual
Lucinda	60%	699	2 out of 4 years
Fey	<60%	1,172	2 out of 4 years

**Burgess Allotment**

<b>Effectiveness Monitoring</b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Hardwood Draws	Uresk Seral Stage Ocular Plant Composition	No later than 5 <sup>th</sup> year after plan implementation	Existing plots	map & report 5 <sup>th</sup> year map and report 5 <sup>th</sup> year
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-14 R&E 1	BFF – Recovery	GPS size of towns	Annual	3.63	map and acres report annual
4-18 Viability 1	Sensitive Plants in Grassland (Barrs milkvetch)	population monitoring photo point (subsets)	Baseline inventory with every other year monitorings	Known occurrences	Map & reports 2 <sup>nd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> , 8 <sup>th</sup> , 10 <sup>th</sup> , year
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
	Key botanical area	Ocular Plant composition	Annual	Gamet, Burgess, S. Blacktail, OP2	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b>Implementation Monitoring</b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA
<b>Validation Monitoring</b>					
4-2,3,4 Mon (36 VFR 219.11(d): 219.12(k))	1- Hardwood Rx Burn	Brown’s lines for litter depth; Line intercept; Cover/freq; Shrub mapping; Photopoints	Preburn, post, immediate for burn severity and years 1,3,5	2 plots/burn area	Map & report – 5 <sup>th</sup> year

***Cathey Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

**Cathey Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Fox Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Manage for low vegetation structure
<b>Practices or Activities</b>			
1. No Stocking			
2. Light Stocking			
3. Moderate Stocking			
4. Heavy Stocking	x	x	x
5. FRRD Stocking Guide	x	x	
6. Drought Guide	x	x	
7. Prescribed Fire			x
8. Perm. Fence out areas of concern			
9. Temp. Electric Fence			
10. Limit Shooting			
11. Herd Livestock	x		
12. Turn on/off water to encourage/discourage cattle use			
13. Remove or relocate range structures			
14. Change class of livestock	x		
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x		

***Fox Alloment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***French Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

**French Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**Gamet Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Expand current prairie dog colonies by a minimum of 1500 acres during the next 10-15 years	Enhance identified “at risk” rare plant communities during the next 10-15 years	Restore the Black Canyone Riparian area in section 4, T. 7S, R 9E over the next 15 years	Maintain identified “stable” rare plant communities during the next 10-15 years
<b>Practices or Activities</b>						
1. No Stocking		x w/8		x w/8	x w/8	x w/8
2. Light Stocking	x	x		x w/8	x w/8	x
3. Moderate Stocking	x	x	x	x w/8	x w/8	x
4. Heavy Stocking			x w/8 or 9 or 11	x w/8	x w/8	
5. FRRD Stocking Guide	x	x	x	x		x
6. Drought Guide	x					
7. Prescribed Fire			x	x	x	
8. Perm. Fence out areas of concern		x	x	x w/1 or 2 or 3 or 4	x w/1 or 2 or 3 or 4	x
9. Temp. Electric Fence		x w/1	x w/3,4			x w/1
10. Limit Shooting			x			
11. Herd Livestock	x		x w/3,4			
12. Turn on/off water to encourage/discourage cattle use				x	x	
13. Remove or relocate range structures				x	x	
14. Change class of livestock	x					
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x					

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

**Gamet Allotment**

<b>Effectiveness Monitoring</b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Hardwood Draws	Uresk Seral Stage Ocular Plant Composition	No later than 5 <sup>th</sup> year after plan implementation	Existing plots	map & report 5 <sup>th</sup> year map and report 5 <sup>th</sup> year
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-14 R&E 1	BFF – Recovery	GPS size of towns	Annual	3.63	map and acres report annual
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
	Key botanical area	Ocular Plant composition	Annual	Gamet, Burgess, S. Blacktail, OP2	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b>Implementation Monitoring</b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA
<b>Validation Monitoring</b>					
4-2,3,4 Mon (36 VFR 219.11(d): 219.12(k))	1- Prairie Dog Town Rx Burn	Brown's lines for litter depth; Line intercept; Cover/freq; Shrub mapping; Photopoints	Preburn, post, immediate for burn severity and years 1,2	2 plots/burn area	Map & report – 2 <sup>nd</sup> year

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

***Gann Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Enhance identified “at risk” rare plant communities during the next 10-15 years
<b>Practices or Activities</b>			
1. No Stocking		x w/8	x w/8
2. Light Stocking		x w/8	x w/8
3. Moderate Stocking		x w/8	x w/8
4. Heavy Stocking	x	x w/8	x w/8
5. FRRD Stocking Guide	x	x	x
6. Drought Guide	x		
7. Prescribed Fire		x	x
8. Perm. Fence out areas of concern		x w/1 or 2 or 3 or 4	x w/1 or 2 or 3 or 4
9. Temp. Electric Fence			
10. Limit Shooting			
11. Herd Livestock	x		
12. Turn on/off water to encourage/discourage cattle use			
13. Remove or relocate range structures			
14. Change class of livestock	x		
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x		

**Gann Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Hald Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Manage for high vegetation structure in the state line pasture
<b>Practices or Activities</b>		
1. No Stocking		
2. Light Stocking		x
3. Moderate Stocking	x	
4. Heavy Stocking		
5. FRRD Stocking Guide	x	
6. Drought Guide	x	
7. Prescribed Fire		
8. Perm. Fence out areas of concern		
9. Temp. Electric Fence		
10. Limit Shooting		
11. Herd Livestock	x	
12. Turn on/off water to encourage/discourage cattle use		
13. Remove or relocate range structures		
14. Change class of livestock	x	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x	

One pasture of the Hald allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
Swede	50%	320	Annual

***Hald Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Harris Allotment***

<b>Objectives</b>	Combine with the Hughson and Angostura allotments to form the Slim Butte allotment
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	
4. Heavy Stocking	
5. FRRD Stocking Guide	
6. Drought Guide	
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	

*Harris Allotment*

*The Harris Allotment is being combined with other allotments to form the Slim Butte allotment. See the Slim Butte Allotment proposed actions for directions on monitoring methods being applied.*

**Hay Canyon Butte Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Manage for high vegetation structure in pasture per year	Enhance identified “at risk” rare plant communities during the next 10-15 years
<b>Practices or Activities</b>				
1. No Stocking		x w/8	x-1 pasture	x w/8
2. Light Stocking	x	x w/8		x w/8
3. Moderate Stocking	x	x w/8		x w/8
4. Heavy Stocking	x	x w/8		x w/8
5. FRRD Stocking Guide	x	x		x
6. Drought Guide	x		x	
7. Prescribed Fire		x		x
8. Perm. Fence out areas of concern		x w/1 or 2 or 3 or 4		x w/1 or 2 or 3 or 4
9. Temp. Electric Fence		x w/1		
10. Limit Shooting				
11. Herd Livestock	x			
12. Turn on/off water to encourage/discourage cattle use				
13. Remove or relocate range structures		x		x
14. 1 pasture skim/deferred				x or 1
15. Cross Fence				x
16. Change class of livestock	x			
17. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x			

Some areas of the Hay Canyon Butte allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
OP5 W	48%	1,902	Once every 4 years
OP 5 E	58%	2,304	Once every 4 years
OP 1 E	53%	2,627	Once every 4 years
OP 1 W	49%	2,262	Once every 4 years

**Hay Canyon Butte Allotment**

<b>Effectiveness Monitoring</b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b>Implementation Monitoring</b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Heiser Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

**Heiser Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Hughson Allotment***

<b>Objectives</b>	Combine with the Harris and Angostura allotments to form the Slim Butte allotment
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	
4. Heavy Stocking	
5. FRRD Stocking Guide	
6. Drought Guide	
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	

### *Hughson Allotment*

*The Hughson Allotment is being combined with other allotments to form the Slim Butte allotment. See the Slim Butte Allotment proposed actions for directions on monitoring methods being applied.*

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

*Humiston Allotment*

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

***Humiston Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

***Kneebone Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Enhance identified “at risk” rare plant communities during the next 10-15 years.
<b>Practices or Activities</b>			
1. No Stocking		x w/8	x w/8
2. Light Stocking		x w/8	x w/8
3. Moderate Stocking	x	x w/8	x w/8
4. Heavy Stocking	x	x w/8	x w/8
5. FRRD Stocking Guide	x	x	x
6. Drought Guide	x		
7. Prescribed Fire		x	x
8. Perm. Fence out areas of concern		x w/1 or 2 or 3 or 4	x w/1 or 2 or 3 or 4
9. Temp. Electric Fence			
10. Limit Shooting			
11. Herd Livestock	x		
12. Turn on/off water to encourage/discourage cattle use			
13. Remove or relocate range structures			
14. Change class of livestock	x		
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x		

***Kneebone Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
	Key botanical area	Ocular Plant composition	Annual	Gamet, Burgess, S. Blacktail, OP2	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Limestone Butte Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Maintain wetland habitat (Limestone Butte Dam) to ensure plant & animal species viability.
<b>Practices or Activities</b>			
1. No Stocking			
2. Light Stocking			
3. Moderate Stocking	x	x	
4. Heavy Stocking			x periodically
5. FRRD Stocking Guide	x		
6. Drought Guide	x		
7. Prescribed Fire			x
8. Perm. Fence out areas of concern			
9. Temp. Electric Fence			
10. Limit Shooting			
11. Herd Livestock	x		
12. Turn on/off water to encourage/discourage cattle use			
13. Remove or relocate range structures			
14. Change class of livestock	x		
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x		
16. Graze after ducks have fledged			x

Two exclosures of the Limestone Butte allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
Exclosure	0%	7	Annual
Limestone Butte dam	0	260	Annual

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

**Limestone Butte Allotment**

<b>Effectiveness Monitoring</b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-18 Viability 1	Sensitive Plants in Grassland (Barrs milkvetch)	population monitoring photo point (subsets)	Baseline inventory with every other year monitorings	Known occurrences	Map & reports 2 <sup>nd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> , 8 <sup>th</sup> , 10 <sup>th</sup> , year
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
4-23 Vegetation 4	Vegetation conditions in wetlands		5 <sup>th</sup> year	Limestone dam	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
	Range Readiness		Annually between May 1 and June 15	Key Areas	e-copy report and INFRA
<b>Implementation Monitoring</b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA
<b>Validation Monitoring</b>					
4-2,3,4 Mon (36 VFR 219.11(d): 219.12(k))	1- Exclosure Rx Burn	Brown's lines for litter depth; Line intercept; Cover/freq; Shrub mapping; Photopoints	Preburn, post, immediate for burn severity and years 1,2,5	2 plots/burn area	Map & report – 5 <sup>th</sup> year

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

***Little Blacktail Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

***Little Blacktail Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

*Longspur Allotment*

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

**Longspur Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

***Lulb Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	x
3. Moderate Stocking	
4. Heavy Stocking	
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

***Lulf Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Muhm Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

**Muhm Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**North Blacktail Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Move at least 80% of Hardwood draws toward self-perpetuating tree & shrub regeneration
<b>Practices or Activities</b>			
1. No Stocking			
2. Light Stocking			
3. Moderate Stocking	x	x	x
4. Heavy Stocking			
5. FRRD Stocking Guide	x	x	x-timing
6. Drought Guide	x	x	
7. Prescribed Fire			x
8. Perm. Fence out areas of concern			
9. Temp. Electric Fence			
10. Limit Shooting			
11. Herd Livestock	x		
12. Turn on/off water to encourage/discourage cattle use			
13. Remove or relocate range structures			
14. Change class of livestock	x		
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x		

**North Blacktail Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Hardwood Draws	Uresk Seral Stage Ocular Plant Composition	No later than 5 <sup>th</sup> year after plan implementation	Existing plots	map & report 5 <sup>th</sup> year map and report 5 <sup>th</sup> year
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**Old Pioneer II Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years (either this allotment or Kneebone.)	Enhance identified “at risk” rare plant communities during the next 10-15 years
<b>Practices or Activities</b>			
1. No Stocking		x w/8	x w/8
2. Light Stocking		x w/8	x w/8
3. Moderate Stocking	x	x w/8	x w/8
4. Heavy Stocking	x	x w/8	x w/8
5. FRRD Stocking Guide	x	x	x
6. Drought Guide	x		
7. Prescribed Fire		x	x
8. Perm. Fence out areas of concern		x w/1 or 2 or 3 or 4	x w/1 or 2 or 3 or 4
9. Temp. Electric Fence			
10. Limit Shooting			
11. Herd Livestock	x		
12. Turn on/off water to encourage/discourage cattle use			
13. Remove or relocate range structures			
14. Change class of livestock	x		
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x		

**Old Pioneer II**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
	Key botanical area	Ocular Plant composition	Annual	Gamet, Burgess, S. Blacktail, OP2	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

*Old Pioneer 4 Allotment*

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

**Old Pioneer IV Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Osmotherly Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Enhance identified “at risk” rare plant communities during the next 10-15 years.
<b>Practices or Activities</b>			
1. No Stocking			
2. Light Stocking			
3. Moderate Stocking		x	x
4. Heavy Stocking	x	x	x
5. FRRD Stocking Guide	x		
6. Drought Guide	x		
7. Prescribed Fire			
8. Perm. Fence out areas of concern			
9. Temp. Electric Fence			
10. Limit Shooting			
11. Herd Livestock	x		
12. Turn on/off water to encourage/discourage cattle use			
13. Remove or relocate range structures			
14. Change class of livestock	x		
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x		
16. Change season of use	x	x	x

***Osmotherly Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Hardwood Draws	Uresk Seral Stage Ocular Plant Composition	No later than 5 <sup>th</sup> year after plan implementation	Existing plots	map & report 5 <sup>th</sup> year map and report 5 <sup>th</sup> year
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**Park Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain Pioneer Picnic Area
<b>Practices or Activities</b>		
1. No Stocking		x
2. Light Stocking		
3. Moderate Stocking		
4. Heavy Stocking	x	
5. FRRD Stocking Guide	x	
6. Drought Guide	x	
7. Prescribed Fire		
8. Perm. Fence out areas of concern		
9. Temp. Electric Fence		
10. Limit Shooting		
11. Herd Livestock	x	
12. Turn on/off water to encourage/discourage cattle use		
13. Remove or relocate range structures		
14. Change class of livestock	x	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x	

One enclosure of the Park allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
Pioneer Rest Stop	0%	22	Annual

**Park Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Pinnt Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

***Pinnt Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Putnam Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

This allotment will be used to meet NLRMP low seral standards.

***Putnam Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
4-23 Vegetation 4	Vegetation conditions in wetlands		5 <sup>th</sup> year	DU dams	Report 5 <sup>th</sup> year
	Key botanical area	Ocular Plant composition	Annual	Gamet, Burgess, S. Blacktail, OP2	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
	Range Readiness		Annually between May 1 and June 15	Key Areas	e-copy report and INFRA
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**Railroad Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Enhance identified “at risk” rare plant communities during the next 10-15 years
<b>Practices or Activities</b>			
1. No Stocking			
2. Light Stocking			
3. Moderate Stocking	x	x	x
4. Heavy Stocking			
5. FRRD Stocking Guide	x	x	x
6. Drought Guide	x	x	x
7. Prescribed Fire			
8. Perm. Fence out areas of concern			
9. Temp. Electric Fence			
10. Limit Shooting			
11. Herd Livestock	x		
12. Turn on/off water to encourage/discourage cattle use			
13. Remove or relocate range structures			
14. Change class of livestock	x		
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x		
16. Do not change season of use	x		

***Railroad Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**Sand Creek Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain wetland habitat (DU Dams) to ensure plant and animal species viability
<b>Practices or Activities</b>		
1. No Stocking		
2. Light Stocking		x periodically
3. Moderate Stocking	x	x periodically
4. Heavy Stocking	x	
5. FRRD Stocking Guide	x	
6. Drought Guide	x	
7. Prescribed Fire		
8. Perm. Fence out areas of concern		x
9. Temp. Electric Fence		
10. Limit Shooting		
11. Herd Livestock	x	
12. Turn on/off water to encourage/discourage cattle use		
13. Remove or relocate range structures		
14. Change class of livestock	x	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x	
16. Duration of grazing		less than 14 days

One enclosure of the Sand Creek allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
Nelson	0%	10	Annual

**Sand Creek Allotment**

<b>Effectiveness Monitoring</b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
4-23 Vegetation 4	Vegetation conditions in wetlands		5 <sup>th</sup> year	DU dams	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b>Implementation Monitoring</b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**Seger Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Manage for high vegetation structure in Swede pasture	Manage west pasture to improve range condition
<b>Practices or Activities</b>			
1. No Stocking			
2. Light Stocking		x	x
3. Moderate Stocking			x
4. Heavy Stocking	x		
5. FRRD Stocking Guide	x		x
6. Drought Guide	x	x	x
7. Prescribed Fire			
8. Perm. Fence out areas of concern			
9. Temp. Electric Fence			
10. Limit Shooting			
11. Herd Livestock	x		x
12. Turn on/off water to encourage/discourage cattle use			
13. Remove or relocate range structures			
14. Change class of livestock	x		
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x		

One pasture of the Seger allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
Swede	70%	640	Annual

**Seeger Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**SE Hay Canyon Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain wetland habitat (DU Dam) to ensure plant and annual species viability	Manage for high vegetation structure in 1 pasture per year
<b>Practices or Activities</b>			
1. No Stocking			x-1 pasture
2. Light Stocking	x		
3. Moderate Stocking	x		
4. Heavy Stocking	x	x periodically	
5. FRRD Stocking Guide	x		
6. Drought Guide	x		x
7. Prescribed Fire		x	
8. Perm. Fence out areas of concern			
9. Temp. Electric Fence			
10. Limit Shooting			
11. Herd Livestock	x		
12. Turn on/off water to encourage/discourage cattle use			
13. Remove or relocate range structures			
14. Change class of livestock			
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions			
16. 1 pasture skim/deferred			x or 1
17. Graze after ducks have fledged		x	

Some areas of the SE Hay Canyon allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
NW	48%	2,302	Once every 3 years
NE	43%	2,339	Once every 3 years
SE	37%	2,160	Once every 3 years
Exclosure	0%	54	Annual

***Southeast Hay Canyon Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
	Range Readiness		Annually between May 1 and June 15	Key Areas	e-copy report and INFRA
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Slim Butte Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years	Manage for high vegetation structure on at least 2 pastures per year (See table below)	Maintain identified “stable” rare plant communities during the next 10-15 years
<b>Practices or Activities</b>				
1. No Stocking				
2. Light Stocking			x	
3. Moderate Stocking	x	x		x
4. Heavy Stocking	x			
5. FRRD Stocking Guide	x			
6. Drought Guide	x		x	
7. Prescribed Fire				
8. Perm. Fence out areas of concern				
9. Temp. Electric Fence				
10. Limit Shooting				
11. Herd Livestock	x			
12. Turn on/off water to encourage/discourage cattle use				
13. Remove or relocate range structures				
14. Change class of livestock	x			
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x			

Some areas of the Slim Butte allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
Harris Middle	0%	1,068	Once every 5 years
Harris South	36%	1,724	Once every 5 years
Hughson North	0%	1,327	Once every 5 years
Hughson South	0%	1,911	Once every 5 years
Hughson Middle	0%	1,959	Once every 5 years
Harris/Woody	65%	724	Annual

***Slim Butte allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Hardwood Draws	Uresk Seral Stage Ocular Plant Composition	No later than 5 <sup>th</sup> year after plan implementation	Existing plots	map & report 5 <sup>th</sup> year map and report 5 <sup>th</sup> year
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
	Range Readiness		Annually between May 1 and June 15	Key Areas	e-copy report and INFRA
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***SW Hay Canyon Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	x to produce cover
3. Moderate Stocking	x
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

Some areas of the SW Hay Canyon allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
Short	61%	907	Once every 3 years
Den	69%	1,993	Once every 3 years
18	58%	1,391	Once every 3 years
Enclosure	0%	2	Annual

**Southwest Hay Canyon**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***South White Ranch Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years
<b>Practices or Activities</b>		
1. No Stocking		
2. Light Stocking		
3. Moderate Stocking		x
4. Heavy Stocking	x	
5. FRRD Stocking Guide	x	
6. Drought Guide	x	
7. Prescribed Fire		
8. Perm. Fence out areas of concern		
9. Temp. Electric Fence		
10. Limit Shooting		
11. Herd Livestock	x	
12. Turn on/off water to encourage/discourage cattle use		
13. Remove or relocate range structures		
14. Change class of livestock	x	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x	

**South White Ranch**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***South Blacktail Allotment***

<b>Objectives</b>	Combine with the Burgess allotment, see Burgess allotment for details.
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	
4. Heavy Stocking	
5. FRRD Stocking Guide	
6. Drought Guide	
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	

***South Blacktail Allotment***

***The South Blacktail Allotment is being combined with the Burgess allotment. See the Burgess Allotment proposed actions for directions on monitoring methods being applied.***

***Stewart Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

**Stewart Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

*Thomsen Allotment*

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

***Thomsen Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Tobin Ormesher Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Manage for high vegetation structure in 2 pastures per year
<b>Practices or Activities</b>		
1. No Stocking		
2. Light Stocking	x	x-1 pasture or 15
3. Moderate Stocking	x	
4. Heavy Stocking		
5. FRRD Stocking Guide	x	
6. Drought Guide	x	x
7. Prescribed Fire		x
8. Perm. Fence out areas of concern		
9. Temp. Electric Fence		
10. Limit Shooting		
11. Herd Livestock	x	
12. Turn on/off water to encourage/discourage cattle use		
13. Remove or relocate range structures		
14. Change class of livestock	x	
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x	
16. Rest Rotation		x-1 pasture or 2
		*The exclosure pasture will always be managed for high veg structure.

Some areas of the Tobin Ormesher allotment will be managed to achieve high residual cover. The following table projects predicted stocking rates (per NLRMP – Appendix I) by pasture, and how often each pasture can achieve high residual cover.

Pasture	Stocking Rate	Acres	Timeframes
Center	44%	1,248	Once every 4 years
Northeast	49%	1,054	Once every 4 years
Northwest	41%	549	Once every 4 years
Heiser North	50%	1,164	Once every 4 years
Exclosure	0%	110	Annual

***Tobin-Ormesher Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

***Thustos Allotment***

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

***Tlustos Allotment***

<b><i>Effectiveness Monitoring</i></b>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<b><i>Implementation Monitoring</i></b>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**Warner Allotment**

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes	Maintain presence of identified plant species of concern over the next 10-15 years in the creek pasture	Move at least 80% of Hardwood draws toward self-perpetuating tree & shrub regeneration in the creek pasture	Maintain identified “stable” rare plant communities during the next 10-15 years
<b>Practices or Activities</b>				
1. No Stocking				
2. Light Stocking				
3. Moderate Stocking	x	x	x	x
4. Heavy Stocking				
5. FRRD Stocking Guide	x		x-timing	
6. Drought Guide	x			
7. Prescribed Fire			x	
8. Perm. Fence out areas of concern				
9. Temp. Electric Fence				
10. Limit Shooting				
11. Herd Livestock	x			
12. Turn on/off water to encourage/discourage cattle use				
13. Remove or relocate range structures				
14. Change class of livestock	x			
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x			

**Warner Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-11 Riparian 1	Hardwood Draws	Uresk Seral Stage Ocular Plant Composition	No later than 5 <sup>th</sup> year after plan implementation	Existing plots	map & report 5 <sup>th</sup> year map and report 5 <sup>th</sup> year
4-11 Riparian 1	Riparian Areas	Ocular Plant Composition	Every other year after baseline inventory established	Existing plots	map & report 5 <sup>th</sup> year
4-23 Vegetation 2	Vegetation composition	Ocular Plant Composition (rare plant communities and species of concern) Range Analysis Cover/frequency and include all plant species	Annual  5 <sup>th</sup> year 5 <sup>th</sup> year	Known communities  FRSEGA FRSEGA	Report annual  Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

## Draft – Appendix B: Details of Proposed Actions &amp; Monitoring

*Webster Allotment*

<b>Objectives</b>	Annually provide forage for livestock on suitable rangelands and take into account the effect of natural processes
<b>Practices or Activities</b>	
1. No Stocking	
2. Light Stocking	
3. Moderate Stocking	x
4. Heavy Stocking	x
5. FRRD Stocking Guide	x
6. Drought Guide	x
7. Prescribed Fire	
8. Perm. Fence out areas of concern	
9. Temp. Electric Fence	
10. Limit Shooting	
11. Herd Livestock	x
12. Turn on/off water to encourage/discourage cattle use	
13. Remove or relocate range structures	
14. Change class of livestock	x
15. Adjust stocking levels to account for variation in livestock weight if needed to meet desire veg. conditions	x

**Webster Allotment**

<i>Effectiveness Monitoring</i>					
<b>FLRMP Reference</b>	<b>Monitoring</b>	<b>Protocols</b>	<b>When</b>	<b>Where</b>	<b>Product</b>
4-23 Vegetation 2	Vegetation composition	Range Analysis Cover/frequency and include all plant species	5 <sup>th</sup> year	Allotment	Report 5 <sup>th</sup> year
FSM	Actual Use Surveys	R2 Rangeland Analysis & Mgmt Training Guide	Annual	Key Areas	e-copy report and INFRA
R2 Range Training Guide	Photo Points	R2 Rangeland Analysis & Mgmt Training Guide	Annual	With Actual Use Surveys, Ocular Plant Composition, Range Readiness Surveys	
<i>Implementation Monitoring</i>					
FSM	Annual Operating Plans	FSM	Annual	Allotment	Permittee Instruction Sheet
FSM	Allotment Resource Inspections	FSM	Annual	Allotment	e-copy report and INFRA

**Southeast Geogrphical Area**

Objectives	Desired vegetation structure objectives across the geographical area			Desired plant species composition across the geographical area				Rest 1-10% of the suitable range each year
	High	Moderate	Low	E	G	F	P	
<b>Alternative 3</b>	17,175 to 40,075 acres	45,800 to 68,700 acres	17,175 to 40,075 acres	22,900 to 34,350 acres	45,800 to 68,700 acres	17,175 to 28,625 acres	1,145 to 11,450 acres	1,145 to 11,450 acres

Effectiveness Monitoring					
FLRMP Reference	Monitoring	Protocols	When	Where	Product
4-14 MIS 3	MIS – Grouse Pop	Grouse Lek Inventory	Annually	Monitoring Units or known leks	map & report 5 <sup>th</sup> year
4-14 MIS 3	MIS – Pdog Pop	GPS size of towns	Every 3 <sup>rd</sup> year	FRSEGA	map and acres report – 3 <sup>rd</sup> , 6 <sup>th</sup> , 9 <sup>th</sup> year
4-15 T&E 3	Bald Eagle viability	Mid winter eagle survey Incidental sightings and reported sighting	Annual Annual	FRSEGA FRSEGA and District wide	Report-annual Report-annual
4-17 T&E 5	Whooping Crane	Incidental sightings and reported sightings	Annual	FRSEGA and District wide	Report- annual
4-17 T&E 6	Mountain Plover	GPS Size of towns	every 3 <sup>rd</sup> year	Pdog towns in FRSEGA	map & report- 3 <sup>rd</sup> , 6 <sup>th</sup> , 9 <sup>th</sup>
4-18 T&E 7	UTE Ladies’ Truss	Floristic Survey	2 <sup>nd</sup> -3 <sup>rd</sup> year	FRSEGA and District Wide	Map & report- 4 <sup>th</sup> year
4-18 Viability 1	Sensitive Animals in grasslands (see ba/be report	BBS bird pt counts raptor nest survey track count survey (swift fox) misc.	every 3 <sup>rd</sup> year	FRSEGA	map & reports 3 <sup>rd</sup> , 6 <sup>th</sup> , 9 <sup>th</sup> year
4-19 Viability 2	Sensitive Animals in riparian	Pt counts	Every 3 <sup>rd</sup> year	FRSEGA	Map & reports 3 <sup>rd</sup> , 6 <sup>th</sup> , 9 <sup>th</sup> year
4-19 Viability 3	Sensitive Animals in Aquatic	Pt counts	Every 3 <sup>rd</sup> year	FRSEGA	Map & reports 3 <sup>rd</sup> , 6 <sup>th</sup> , 9 <sup>th</sup> year
4-20 Viability 5	Sensitive Animals in prairie dog towns	Bird counts	Every 3 <sup>rd</sup> year in association w/GPS prairie dog town size monitoring	FRSEGA	Map & reports 3 <sup>rd</sup> , 6 <sup>th</sup> , 9 <sup>th</sup> year
4-22 Damage 2	Invasive Species	ADC – animal damage	Case-by-case	FRSEGA	Report annually
4-23 Vegetation 1	Vegetation Structure	VOR – Random VOR – Mgmt area Establish exclosures to monitor pot. Veg. structure	Annual W/I 3 yrs	FRSEGA 3.64 FRSEGA	Report 5 <sup>th</sup> year Report 5 <sup>th</sup> year
Validation Monitoring					
4-38 Wildlife	Spring VOR vs Fall Vor	Mgmt – area	Spring Annually	3.64	Validation Report 5 <sup>th</sup> year