

APPENDIX C

Allotment/Pasture Characterizations and Grazing Schedules

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West Clover Creek

10213

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Acronyms and Abbreviations

ACEC - Area of Critical Environmental Concern
 AMP - Allotment Management Plan
 AUM - Animal Unit Month
 C Allotment - Custodial
 D - Downward trend
 DRFC - Desired Range of Future Condition
 EX - Experimental enclosure: excluded from grazing
 FAR - Functioning at risk
 FARD - Functioning at risk with downward trend
 FARN - Functioning at risk with not apparent trend
 FARU - Functioning at risk with upward trend
 FFR - Fenced Federal Range
 FY - Fiscal Year
 I Allotment - Improve
 M Allotment - Maintain
 MFP - Management Framework Plan
 MRA - Malheur Resource Area
 N - No
 NA - Not applicable
 ND - No data
 NF - Non functional
 NR - No riparian present

ODEQ - Oregon Department of Environmental Quality
 ODFW - Oregon Department of Fish and Wildlife
 PFC - Proper functioning condition
 RNA - Research Natural Area
 RSEX - Reservoir enclosure
 S - Static trend
 SD - Static to downward trend
 SEORMP - Southeastern Oregon Resource Management Plan
 SU - Static to upward trend
 SRH - Standards For Rangeland Health
 Standards For Rangeland Health 1: Watershed Function/Uplands -
 Upland soils exhibit infiltration and permeability rates, moisture storage, and stability that are appropriate to soil, climate and landform.
 Standards For Rangeland Health 2: Watershed Function/Riparian-Wetland Areas - Riparian-wetland areas are in properly functioning physical condition appropriate to soil, climate and landform.
 Standards For Rangeland Health 3: Ecological Processes - Healthy, productive and diverse plant and animal populations and communities appropriate to soil, climate and landform are supported by ecological processes of nutrient cycling, energy flow and the hydrologic cycle.
 Standards For Rangeland Health 4: Water Quality - Surface water and groundwater quality, influenced by agency actions, complies with State Water Quality Standards.
 Standards For Rangeland Health 5: Native, T&E and Locally Important Species (Wildlife) - Habitats support healthy, productive and diverse populations and communities of native plants and animals (including special status species and species of local importance) appropriate to soil, climate and landform.
 STEX - Stream enclosure: excluded from livestock grazing

U - Upward trend
 WSA - Wilderness Study Area
 Y - Yes

Data Review Process

The following is a characterization of all I, M and C category allotments within the landscape area. The characterizations are based on data collected during the 1998 field season and other existing and historic data known and/or collected during past inventory and monitoring efforts. Management actions (LAMP Section VII, Tables 8 and 9) and LAMP (allotment/pasture) objectives were developed from issues of concern, Standards for Rangeland Health (SRH) and trend. Data collected for the SRH which indicated less than properly functioning condition was determined not to meet the standard. All data and assessment summaries are on file in the Vale District.

The Five-Step Process

- 1 - What are the past management objectives?
Have objectives been met?
- 2 - Are we meeting the SRH?
Yes ... then move to step 3
No ... then why (identify probable/potential causes and effects)
- 3 - What is upland trend? What is riparian trend?
Identify any problems/concerns
- 4 - What are the Issues of Concern?
Specify each issue rated "H" for high
- 5 - Are past allotment/pasture specific objectives still applicable? Do new objectives need to be added?

LAMP Objectives

BLM is required to implement the five SRH (LAMP: Table 2, page 7) that define minimum resource conditions to be achieved and maintained for public rangelands. LAMP objectives have been designed to meet these standards. Specific objectives will be defined for each pasture and will replace past objectives. These objectives will indicate a desire to maintain or improve the condition of applicable communities.

Riparian/Wetland Vegetation Communities-

Maintain (if meeting SRH) or improve (if not meeting SRH) riparia vegetation, habitat diversity, and associated watershed function to achieve healthy and productive riparian/wetland areas and achieve water quality standards for beneficial uses as established by ODEQ.

Individual Seedings - One or more of the following objectives could be applied to a seeded area:

- 1) Improve the productivity and vigor of the non-native seeding while maintaining the structural composition and improving species diversity of vegetation communities consistent with DRFCs identified in the land use plan.
- 2) Improve the productivity and vigor of the non-native seeding while improving the structural composition and improving species diversity of vegetation communities consistent with DRFCs identified in the land use plan.
- 3) Maintain the productivity and vigor of the non-native seeding while maintaining the structural composition and improving species diversity of vegetation communities consistent with DRFCs identified in the land use plan.

- 4) Improve the ecological condition of the non-native seeding by implementing actions to enhance the dominance of native perennial grass species while maintaining the structural composition and improving species diversity of vegetation communities consistent with DRFCs in the land use plan.

Upland Vegetation Communities -

Maintain (if meeting SRH) or improve (if not meeting SRH) the health, structure and diversity of upland native vegetation within site capabilities.

Weeds -

Control proliferation of existing noxious weeds on an annual basis.

Wildlife -

Maintain (if meeting SRH) or improve (if not meeting SRH) wildlife habitats, ensuring spacial distribution of native plant communities and animal habitats across the landscape with a density and frequency of species suitable to ensure reproductive capability and sustainability.

GRAZING SCHEDULE FLEXIBILITY

Criteria for flexibility of livestock turnout prior to 4/1 or extension of use beyond 10/31 is identified in Appendix A Table 11.

Livestock move dates may vary from the defined schedule(s) up to (4) days on either side of the identified pasture move date.

Move dates outside of these general limits of flexibility due to

climatic conditions, exceeding identified utilization levels (LAMP: Table 7, page 28) or other factors must be considered by BLM staff prior to authorization. Move dates outside the general limits of flexibility must meet resource management objectives to be authorized.

LIVESTOCK EXCLUSION AREAS

Past Malheur Resource Area (MRA) planning decisions or agreements have excluded livestock from grazing public land for the specific purpose of protecting resource values or facilities from livestock impacts. Examples include, but are not limited to, identified riparian vegetation communities adjacent to streams, reservoirs, springs, and wetlands; developed water sources; special status species habitat; ACEC's; recreation sites; archaeological sites; research and study plots; and administrative sites. The following exclusion areas are located within the Bully Creek landscape area:

Allotment #2 -

Cottonwood Wildlife Stream Exclosure- 497 acres

0201 Riparian Stream Exclosure - 446 acres

Under this landscape area management plan, the above exclusion areas may be combined into the Rocke pasture.

Allotment #3 -

N. Black Canyon. Pasture -

Pence Spring Fence Exclosure - 2 acres

Indian Creek Pasture -

South Fork Indian Creek Spring Exclosure -

No data

W. Cottonwood Seeding -

Allotment #3 Reservoir Exclosure - 11 acres

Indian Creek Pasture -

Zotto Reservoir Exclosure - 38 acres

Richie Flat Allotment -

E. Log Creek Pasture -

Reds Creek 3-Way Upland Exclosure - No data

The "No data" entries need to have future management identified with options including maintaining them as exclusion areas or dropping them with recommendations for new management.

How to Read the Tables in Appendix C

Allotment Name & Number ¹

Operator name ²

Active AUMs ³

Suspended AUMs ⁴

Exchange of Use ⁵

Season of Use ⁶

¹ An allotment name and number is given to an area of land designated and managed for grazing of livestock.

² The operator name identifies the individual(s) with a grazing preference and livestock grazing permit in the given allotment.

³ An active AUM (animal unit month) means the amount of forage necessary for the sustenance of one cow or its equivalent for a period of 1 month.

⁴ Suspended AUMs refers to the temporary withholding from active use, through a decision issued by the authorized officer or by agreement, of part or all of the permitted use in a grazing permit or lease.

⁵ Exchange of use is an agreement that may be issued to an operator who owns or controls lands that are unfenced and intermingled with public lands in the same allotment when use under such an agreement will be compatible with the existing livestock operations. An exchange of use grazing agreement may be issued to authorize use of public lands to the extent of the livestock carrying capacity of the lands offered in exchange of use. No fee is charged for this grazing.

⁶ Season of use refers to the operator's authorized beginning and ending dates of grazing use by allotment.

Pasture ¹	Standards for Rangeland Health ²					Trends ⁸						
	1 ³	2 ⁴					3 ⁵	4 ⁶	5 ⁷	Upland Long-term	Upland Short-term ₁₀	Riparian Overall ¹¹
		PFC	FARU	FARN	FARD	NF						
	-----(miles)-----											

¹ Data collected for standards for rangeland health are reported on a pasture by pasture basis. All pastures are listed for the above table.

² The Standards for Rangeland Health (Standards), are based on the Fundamentals of Rangeland Health. These fundamentals combine the basic precepts of physical function and biological health and elements of law relating to water quality, and plant and animal populations and communities. Standards are expressions of the physical and biological condition or degree of function necessary to sustain healthy rangeland ecosystems. (The five standards are defined below). When more than one assessment was recorded in a pasture the seeding assessment is reported first, and then the assessment for the native portion. A third assessment rating shows that an addition location was evaluated, usually in native range.

³ Standard 1 assesses whether the upland soils exhibit infiltration and permeability rates, moisture storage, and stability that are appropriate to soil, climate, and landform. Ratings are reported as proper functioning condition (PFC), functioning at risk upward (FARU), functioning at risk downward (FARD), non-functioning (NF), or no data (ND).

⁴ Standard 2 assesses whether riparian-wetland areas are in properly functioning physical condition appropriate to soil, climate, and landform. Ratings of PFC, FARU, FARN, FARD and NF are reported in riparian stream miles.

⁵ Standard 3 assesses whether healthy, productive, and diverse plant and animal populations and communities appropriate to soil, climate, and landform are supported by ecological processes of nutrient cycling, energy flow, and the hydrologic cycle. Ratings are reported the same as for Standard 1.

⁶ Standard 4 assesses whether surface water and groundwater quality, influenced by agency actions, complies with State water quality standards. Ratings for Standard 4 were derived using input from ratings for Standards 1, 2, and 3. Ratings are reported the same as for Standards 1 and 3.

⁷ Standard 5 assesses whether habitats support healthy, productive, and diverse populations and communities of native plants and animals (including special status

species and species of local importance) appropriate to soil, climate, and landform. Ratings are reported the same as for standards 1, 3, and 4.

⁸ Trends refer to the direction of change in ecological indicators observed over time.

⁹ Upland long-term trend refers to a comparison between the first data reading and the most current reading (1998). Trend is described here as upward (U), downward (D), static (S), static to upward (SU), static to downward (SD), not apparent (NA), or no data (ND).

¹⁰ Upland short-term trend refers to a comparison between the last reading and the most current reading (1998). Trend is described the same as for upland long-term trend.

¹¹ Overall riparian trend was determined by comparing aerial photos, ground photo points and using professional judgement (see p. 25).

Pasture ¹	Reason for not meeting Standards 1-5 ²		Allotment Management Plan Grazing Schedule ⁵			Proposed Grazing Schedule ⁶		
	Caused by Current Grazing ³	Caused by Other Factors ⁴	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3

¹ Pastures included in this table are less than the total pastures in the allotment for different reasons. For example some pastures are not part of the identified grazing system, some are exclosures, and others may be classified as Fenced Federal Range. Pastures that are not listed in the Grazing Schedule table are FFR, C allotments, exclosure pastures. Fenced Federal Range are non-intensive management areas or custodial pastures where BLM does not specify livestock numbers, kinds of animals and period of use provided that detrimental impacts do not occur to public lands. FFR areas consist of small tracts of public land that intermingle with large tracts on private land. Capability for grazing management is limited and little public resource values exist.

² Reasons for not meeting Standards 1-5 identifies if the current grazing system was determined to be the cause of failing to meet the Standard in a pasture.

³ Caused by Current Grazing identifies which Standards (1-5) failed to meet PFC due to the current grazing practices. Current grazing is defined below. Upon determination, through assessment or monitoring by experienced professionals and /or interdisciplinary teams, that existing grazing management needs to be modified to fulfill the Fundamentals of Rangeland Health, the authorized officer shall take appropriate action as soon as practical but not later than the next grazing year.

⁴ Caused by Other Factors identifies which Standards (1-5) failed to meet PFC due to a factor other than the current grazing practices, including historical grazing practices.

⁵ Current Grazing Schedule defined here refers to the grazing system as defined in the AMP or revised by the AMP Evaluation.

⁶ Proposed Grazing Schedule refers to the grazing schedule as implemented by the LAMP. Adjustments were made within pastures not meeting Standards 1-5 in order to make progress towards meeting the Standards.

Bully Creek Allotment 00132

Allotment Summary: No past allotment evaluations have been completed for this allotment.

Past Objectives: Past objectives recommended winter browse improvement and increasing the palatable browse species reproduction by 20% from the existing 5% by 1990. The long term objective (by 1997) was to attain late or climax condition on a majority of the area in each pasture (1982 AMP).

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply wildlife (improve) and upland (maintain) objectives.

Operator Information:

Operator Name	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
J.R. d & Livestock	980	0	253	3/1-4/15;10/15-12/15

Data Summary

Pasture	Standards for Rangeland Health						Trends					
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall
		PFC	FARU	FARN	FARD	NF						
Bully Creek	PFC	-----(miles)-----					PFC		ND	SU	ND	NR

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Bully Creek			3/1-4/15 10/15-12/14	3/1-4/15 10/15-12/14	3/1-4/15 10/15-12/14	10/15-12/14 3/1-4/15	10/15-12/14 3/1-4/15	10/15-12/14 3/1-4/15

Pasture Summary

Bully Creek (01)

The upland watershed function and ecological processes are in properly functioning condition. The condition of wildlife habitats are unknown. This pasture is critical deer and pronghorn winter range.

Lack of bitterbrush recruitment may be due to past livestock use (ODFW, personal communication 1999). The long-term upland trend has shown a slight improvement. Annual rangelands, deer spring and winter range and fisheries habitat are issues of concern, particularly in the middle of the pasture near Bully Creek Reservoir.

insert Map 1: Bully Creek Landscape Area Bully Creek Allotment

Cottonwood Creek Allotment 10140

Allotment Summary: This allotment, consisting of one pasture, is managed with the Cottonwood Mountain Allotment (20102). It was evaluated with the Cottonwood Mountain Allotment in 1989.

Past Objectives: The past objective was to improve the riparian areas. Condition class was identified as early (1990 AMP).

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply riparian (maintain) and upland (maintain) objectives.

Operator Information:

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
Tom McElroy	38	49	ND	Winter/early spring

Data Summary

Pasture	Standards for Rangeland Health									Trends		
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall
		PFC	FARU	FARN	FARD	NF						
Cottonwood Creek	PFC	0.25					PFC	Y	ND	ND	ND	U

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Cottonwood Creek			winter/early spring	winter/early spring	winter/early spring	continue current grazing		

Pasture Summary

Cottonwood Creek (01)

The riparian habitats are properly functioning but are in early seral stage. Information regarding the condition of other SRH are unknown. Riparian trend and SRH indicate that the pasture is

meeting the riparian objective.

Insert Map 2 Bully Creek Landscape Area Cottonwood Creek Allotment

Allotment #2 (10201)

Allotment Summary: Evaluations of this allotment were conducted in 1988 and 1994. Since the last evaluation in 1994 the livestock operators have chosen not to run at full Active AUM levels. Analysis of the current data collected needs to take this point into consideration when drawing conclusions. Trends in the riparian areas have been and are an ongoing issue. The downward riparian trend in North Bully Creek pasture has been reversed since the last evaluation in 1994. Trends and condition of seedings and the lower elevation native ranges also remain problematic.

Past Objectives: Objectives in this allotment have been developed at the pasture level.

New Objectives: See individual pasture summaries.

Operator Information:

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
Indian Creek Ranch	4551	819	0	4/1-10/31
Ted Linville	205	5	98	4/1-10/31
J.R. Land & Livestock	2724	493	0	4/1-10/31

Data Summary

Pasture	Standards for Rangeland Health									Trends		
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall
		PFC	FARU	FARN	FARD	NF						
Mesa Brush Control	PFC						FAR		NF	D	SD	NR
Harper Seeding	PFC/PFC						FAR/PFC		FAR/PFC	D	D	NR
North Bully Creek	NF	3.25	0.25				NF	N	FAR	S	S	U
Wildhorse	FAR/PFC						FAR/FAR		ND	SU	SU	NR
South NG Seeding	FAR						FAR		FAR	D	SU	NR
Bully Creek Seeding	FAR						FAR		FAR	D	S	NR
North NG Seeding	FAR/PFC	1.25	1.25				FAR/FAR	N	PFC/FAR	D	S	ND
Mountain	PFC/PFC	1.5	1	4.5	3.75	0.75	PFC/PFC	N	PFC/PFC	SD	SD	S, SD
NG Creek Riparian Exclosure	ND				1.25		ND	N	ND	ND	ND	D
Cottonwood Wildlife STEX	ND		1				ND	N	ND	ND	ND	ND
Holding	FAR						FAR		FAR	ND	ND	NR
Dry Creek	PFC/FAR						PFC/FAR		FAR/FAR	ND	ND	NR

Pasture	Standards for Rangeland Health								Trends			
	ND						ND	N	ND	ND	ND	NR
Jordan FFR	ND						ND		ND	ND	ND	NR
FFR	ND		0.75				ND	N	ND	ND	ND	U
Bull Spring REX	ND						ND		ND	ND	ND	NR
NG Wildlife Area	ND						ND		ND	ND	ND	NR
NG Holding	ND		0.5				ND	N	ND	ND	ND	ND
Cottonwood Fire Rehab EX	ND		0.5				ND	N	ND	ND	ND	S, SD
North Bully Holding	FAR						FAR		FAR	ND	ND	NR
0201 Riparian STEX	FAR	1.0					FAR	N	FAR	ND	ND	U

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Current Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Mesa Brush Control		3, 5	5/1-6/30	9/15-10/31	5/1-6/15	7/15-10/31	5/1-7/1	7/1-9/1
Harper Seeding		3, 5	5/1-6/30	9/15-10/31	5/1-6/1/5	7/15-10/31	5/1-7/1	7/1-9/1
North Bully Creek		1, 2, 3, 5	4/15-5/15	4/15-5/15	4/15-5/15	4/1-5/15	4/1-5/1	5/1-7/1
Wildhorse		1, 3	5/16-6/30	10/1-10/15	5/16-6/15	7/15-10/31	5/1-7/1	7/1-8/15
South NG Seeding		1, 3, 5	9/1-10/31	5/1-6/30	9/1-10/31	7/15-10/30	7/1-9/1	5/1-7/1
Bully Creek Seeding		1, 3, 5	4/1-4/30	4/1-4/30	4/1-4/30	7/15-10/30	7/1-9/1	4/1-5/1
North NG Seeding		1, 2, 3, 5	10/1-10/15	5/16-7/1	10/1-10/15	4/1-5/15	4/1-5/1	5/1-7/1
Mountain	2		7/1-9/30	7/1-10/15	6/16-9/30	5/15-7/15	9/1-10/31	9/1-10/31
Holding		1, 3, 5	4/1-4/30	4/1-4/30	4/1-4/30	4/1-5/15	7/1-9/1	4/1-5/1
Dry Creek		1, 3, 5	4/1-4/30	4/1-4/30	4/1-4/30	4/1-5/15	7/1-9/1	4/1-5/1
0201 Riparian STEX		2	ND	ND	ND	4/1-5/15	7/1-9/1	4/1-5/1

Pasture Summaries:

Pasture: Mesa Brush Control (01)/ Harper Seeding (02)

The Harper seeding is managed with Mesa Brush Control as one

pasture. The fence once dividing the pastures has been removed.

Past Objectives: Maintain late ecosite condition.

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs in the native portion of the Harper seeding area and to attain late ecological condition or DRFCs in the rest of the pasture. Apply wildlife (improve), upland (improve) objective and seeding #2 objectives.

Data Summary: The upland watershed function is in, or making significant progress toward, properly functioning condition. Trend studies indicate that this pasture is not meeting the upland objective. Both long-term and short-term seeding trend is down in the Harper seeding pasture. Ecological processes are not functioning properly due to historic heavy livestock use (particularly from 1982 to 1987). Even though the pasture has been used only four times since 1990, the ecological condition is not improving. Whitetop and bur buttercup are dominating some areas due to a decreasing forb understory and annual rangeland species (medusahead, cheatgrass) are increasing. Wildlife habitats range from functioning where there are small portions of remnant native range to functioning-at-risk in transitional areas below the mesa with little forb/shrub diversity to not functioning at the top of the mesa where there are big flats dominated by whitetop, cheatgrass and other nonnative species. Issues of concern include annual rangelands (Medusahead rye), recreation (OHV use), special status species (sage grouse numbers are very low due to poor habitat conditions), redband trout.

Pasture: North Bully Creek (03)

Past Objectives: Improve early ecological condition to middle ecological condition within 15 years. Improve riparian management on Bully Creek.

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (improve), riparian (maintain) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are not functioning properly due to historic heavy grazing which resulted in sagebrush monocultures without grass/forb understory, exposed soils and increasing populations of weedy species. Upland trends are not moving toward meeting the upland objective. Riparian habitats are functioning properly but are in an early seral stage. A small tributary to Bully Creek needs improvement. Bully Creek, from the reservoir to Westfall, is a 303(d) listed stream and, as such, is not properly functioning in terms of water quality (bacteria). Issues of concern include annual rangelands and wildlife (understory is not adequate for deer and pronghorn).

Pasture: Wildhorse (04)

Past Objectives: Improve early ecological condition to middle ecological condition within 15 years. Attain an upward trend in upland vegetative communities.

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply wildlife (improve) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are not functioning properly due to historic heavy grazing and increased fire frequency resulting in high concentrations of annual and weedy species. Upland trends indicate the pasture is progressing towards meeting objectives. Sagebrush growth has been limited by aroga moth kill in part of the pasture. Annual rangelands and wildlife (deer and pronghorn winter range) are issues of concern.

Pasture: South NG Seeding (05)

Past Objectives: Maintain late ecological condition for seeding areas. Minimize accumulation of wolf plants from ungrazed crested wheatgrass plants. Maximize availability of fall green-up for wildlife.

New Objectives: The long-term objective is to improve ecosite condition of the native vegetation communities to attain middle ecological condition or DRFCs. Apply upland (improve), wildlife (improve) and seeding #1 objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are not functioning properly due to historic heavy grazing resulting in stream flow pattern changes, soil crusting, changes in cover and surface litter, lack of species diversity and weed invasions. The long-term seeding trend is not meeting the past objective for ecological condition while the short-term trend shows some recent stability. It is unknown if the pasture is meeting the fall green-up objective. Wildlife (deer and pronghorn winter range) is an issue of concern.

Pasture: Bully Creek Seeding (06)

Past Objectives: Improve early ecological condition of seeding areas to middle ecological condition within 15 years. Minimize wolf plants. Maximize availability of fall green up regrowth for wildlife.

New Objectives: The long-term objective is to improve ecosite condition of the native vegetation communities to attain middle ecological condition or DRFCs. Apply upland (improve) wildlife (improve) and seeding #2 objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are not functioning properly due to historic grazing (rested 6 out of last 7 years), historic and current diatomite exploration/mining (in Ring Butte area only) and erodible soils. Bare ground is common with evidence of sheet erosion. Road use, aircraft landing strips and mineral development east of the current operation have exposed soils to wind erosion inhibiting seed germination. There is a high concentration of sagebrush and lack of species diversity with a cover increase of two feet on crested wheatgrass between 1981-1987. This pasture is not meeting ecological condition and the fall green-up objective. Open spaces between shrubs are vulnerable to weeds which are invading from

adjacent agricultural fields. Wildlife (winter habitat for deer) and weeds are issues of concern.

Pasture: North NG Seeding (07)

Past Objectives: Maintain late ecological condition for seeding areas. Minimize accumulation of wolf plants. Maximize availability of fall green-up for wildlife.

New Objectives: The long-term objective is to improve ecosite condition of the native vegetation communities to attain middle ecological condition or DRFCs. Apply riparian (improve), upland (improve) and seeding #2 objectives.

Data Summary: The upland watershed function, ecological processes, wildlife habitats and one riparian system are not functioning properly due to historic heavy grazing in the seeded portion of the pasture. This has resulted in soil movement, stream channel instability and reduced grasses/forbs. The upland watershed function and wildlife habitats in the native portion of the pasture are functioning with adequate sagebrush cover. The long-term seeding trend is not meeting the objective for ecological condition while the short-term trend shows some stability. It is unknown if the pasture is meeting the fall green-up objective. Wildlife (deer and pronghorn winter range) and special status species (sage grouse lek nearby) are issues of concern.

Pasture: Mountain (08)

Past Objectives: Improve from middle ecological condition to late ecological condition within 15 years. Attain an upward trend in vegetative communities.

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are functioning properly. Upland

trends indicate that the pasture is not meeting the upland objective (½ to 1 foot loss in bluebunch wheatgrass at one upland trend plot). The riparian system is not functioning properly due to current and historic grazing (season of use), influence of the road on the riparian and impacts from big game (aspen and mountain shrub stands are declining). Distribution and numbers of livestock may be contributing. Cultural resources, fish (redband trout at the top of Cottonwood Creek) and special status species (sage grouse leks) are issues of concern.

Pasture: Holding (11)

Past Objectives: Improve early ecological condition to middle ecological condition within 15 years.

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply wildlife (improve) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are not functioning properly due to historic heavy grazing. It is unknown if the pasture is meeting the upland objective. Annual rangelands and fisheries (fish and frogs) are issues of concern.

Pasture: Dry Creek (12)

Past Objectives: Improve early ecological condition to middle ecological condition within 15 years.

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply wildlife (improve), upland (improve).

Data Summary: The upland watershed function, ecological processes and wildlife habitats are not functioning properly due to historic heavy grazing use in the native vegetation communities portions of the pasture (limited native grasses/forbs). It is unknown if the pasture is meeting the upland objective due to the lack of trend data. Wildlife (deer and pronghorn winter range), weed invasion and

erosion are issues of concern.

Miscellaneous Pastures

***NOTE -** The Cottonwood Wildlife Stream Exclosure (10) and the 0201 Riparian Stream Exclosure (20) are being recommended to be managed as one pasture called Rocke Pasture.

Pasture: NG Creek Riparian Exclosure (09)

Past Objective: None

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (improve) objectives.

Data Summary: Refer to the comments for Mountain pasture (08). Riparian habitats are not functioning properly due to historic and current grazing trespass. Wildlife (deer, elk and pronghorn winter range), special status species (near sage grouse lek) and recreation (high use area resulting in habitat degradation) are issues of concern.

Pasture: Cottonwood Wildlife Stream Exclosure (10)

Past Objective: None

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (improve) and riparian (improve) objectives.

Data Summary: It is unknown if upland watershed function and ecological processes are functioning properly. Riparian habitats are not functioning properly due to historic and current heavy grazing by livestock. The fences of the exclosure are not functioning resulting in grazing trespass from FFR on the west side of the pasture. No issues of concern have been identified in this pasture.

Pasture: Jordan FFR (13)

Past Objective: None

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply riparian (improve) and upland (improve) objectives.

Data Summary: Riparian habitats (3/4 mile at FARU) are not functioning properly. Annual rangelands is the issue of concern.

Pasture: FFR (14)

Past Objective: None

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply riparian (improve) and upland (improve) objectives.

Data Summary: Riparian habitats are not functioning properly due to the control of natural water flows (upstream irrigation practices on private land hay fields). BLM may not be able to improve the riparian areas due to the lack of control of private irrigation practices on adjoining lands which influence riparian growth in this pasture. Issues of concern include annual rangelands.

Pasture: Bull Spring Riparian Exclosure (15)

No data.

Pasture: NG Wildlife Area (16)

Past Objective: None

New Objective: None

Data Summary: This pasture was never constructed and is being grazed as part of the South NG seeding (05).

Pasture: NG Holding (17)

Past Objectives:

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological

processes and wildlife habitats are functioning properly. Riparian habitats are not functioning properly due to historic heavy grazing. The fence between this pasture and the 0201 Riparian Stream Exclosure (20) is non-functional. The fence on the bottom of the Holding pasture (11) separating it from FFR is functional but the fence separating it from the Cottonwood Wildlife Stream Exclosure (10) is not functional. Issues of concern are annual rangelands.

Pasture: Cottonwood Fire Rehab (18)

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (improve) objectives.

Data Summary: This pasture lies below Boston Horse Camp. Refer to the comments for Mountain Pasture (08). Riparian habitat is not functioning due to the lack of woody species (aspen groves are decadent). Fences are marginally functional and not maintained. Fish (redband trout) and wildlife (deer/antelope winter range) are issues of concern.

Pasture: North Bully Holding (19)

Past Objectives: None

New Objectives: None

Data Summary: There are 91 acres identified for this pasture, but there are no functioning fences. This pasture is believed to be part of North Bully Creek pasture (03). Issues of concern include annual rangelands.

Pasture: 0201 Riparian Stream Exclosure (20)

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (improve)

objectives.

Data Summary: Fences are nonfunctional on the southern and western boundaries. Upland watershed function is properly functioning (see North NG Seeding (07) native vegetation communities). Riparian habitats are not functioning properly due to historic grazing and current trespass as a result of nonfunctional fences. Current riparian trend is improving. The enclosure itself is not functional and is grazed. Issues of concern are special status species (sage grouse lek nearby)

insert Map 3: Bully Creek Landscape Area Allotment 2

Allotment #3 (10202)

Allotment Summary: Evaluations were conducted for this allotment in 1986 and 1993. Shortage of spring range and trends not meeting objectives were identified as concerns.

Past Objectives: Objectives in this allotment have been developed at the pasture level.

New Objectives: See individual pasture summaries.

Operator Information:

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
Indian Creek Ranch	10392	935	686	4/1-10/31
Romans Ranch	2605	0	0	4/1-10/31
Chris Davis	483	0	0	4/1-10/31

Data Summary

Pasture	Standards for Rangeland Health									Trends			
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall	
		PFC	FARU	FARN	FARD	NF							
		------(miles)-----											
Jones	PFC	5.5	3.75	2.25			FAR	N	FAR	S	S	ND	
North Black Canyon	PFC	1.25				8	FAR	N	PFC	SD	S	SD	
South Black Canyon	PFC/PFC	7.75				0.75	FAR/PFC	N	PFC/PFC	SD	S	ND	
East Cottonwood Seeding	FAR				1		FAR	N	FAR	D	S	ND	
West Cottonwood Seeding	FAR/FAR				1		PFC/PFC	N	PFC/PFC	S	SU	ND	
Kelsay Butte	PFC						PFC		PFC	SU	SU	ND	
Swamp Creek Seeding	PFC/PFC		2.75		2.25		PFC/PFC	N	PFC/PFC	D	SU	U	
North Gregory Creek	PFC/PFC	3.25		1.75		1.5	FAR/PFC	N	PFC/PFC	ND	ND	ND	
Indian Creek	PFC	0.75		0.75		1.5	PFC	N	PFC	ND	SU	ND	
South Gregory Creek	PFC/PFC	1.75		4.5			PFC/PFC	N	PFC/PFC	SU	SU	ND	
North Studhorse	PFC	1.75		0.75	1.5		PFC	N	PFC	S	SU	ND	
South Studhorse	PFC		2				PFC	?	FAR	S	SU	ND	
Lower Pole Creek FFR	FAR	1	1.5				NF	N	FAR	S	SU	U	
Becker Horse Camp FFR	ND	To be assessed in FY99						ND		ND	ND	ND	ND
Wilson Creek FFR	ND	To be assessed in FY99						ND		ND	ND	ND	ND
Hanna Station FFR	ND						ND		ND	ND	ND	NR	

Pasture	Standards for Rangeland Health									Trends		
	FAR					3	FAR	N	FAR	SD	S	ND
Upper Pole Creek FFR	FAR					3	FAR	N	FAR	SD	S	ND
West Creek FFR	ND						ND		ND	ND	ND	NR
Dice FFR	ND					0.25	ND		ND	ND	ND	ND
Becker FFR	ND	To be assessed in FY99.					ND		ND	ND	ND	ND
Westfall FFR	ND					1.75	ND	N	ND	ND	ND	ND
Pence Spring STEX	ND						ND		ND	ND	ND	ND
S. Fork Indian Creek STEX	ND	2.5					ND	Y	ND	ND	ND	ND
Allotment #3 RSEX	ND						ND		ND	ND	ND	ND
Zotto RSEX	ND						ND		ND	ND	ND	ND
Cooper Reservoir	ND						ND		ND	ND	ND	ND
Gregory Creek Reservoir	ND						ND		ND	ND	ND	ND
S. Gregory Creek Reservoir	ND						ND		ND	ND	ND	ND
Big Flat Reservoir	ND						ND		ND	ND	ND	ND
FFR	ND						ND		ND	ND	ND	NR

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Jones	3, 5	2, 3, 5	7/1-10/31	7/1-10/31	7/1-10/31	7/1-10/31	7/1-10/31	7/1-10/31
North Black Canyon	2, 3	2, 3	4/1-4/30	6/15-7/1	REST	REST	5/1-7/1	4/1-5/1
South Black Canyon	3	2,3	4/1-7/1	REST	5/1-7/1	5/1-7/1	REST	4/1-5/1
East Cottonwood Seeding	2	1,2,3,5	REST	4/1-4/30	4/1-4/30	4/1-4/30	4/1-4/30	5/1-7/1
West Cottonwood Seeding	2	1,2	7/15-10/31	5/1-6/15	4/1-4/30	4/1-4/30	4/1-4/30	5/1-7/1
Kelsay Butte			7/15-10/31	7/1-10/31	7/1-10/31	7/16-10/31	7/1-10/31	7/1-10/31
Swamp Creek Seeding	2	2	4/1-6/15	REST	3/15-5/15	4/15-5/15	4/1-5/1	5/1-7/1
North Gregory Creek		2,3	REST	3/15-6/15	REST	REST	5/1-7/1	4/1-4/30
Indian Creek		2	7/15-10/31	9/15-10/31	7/15-10/31	7/16-10/31	7/1-10/31	5/1-7/1

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
South Gregory Creek		2	4/1-6/15	REST	5/15-7/15	5/15-7/15	REST	7/1-7/31
North Studhorse		2	6/15-8/1	8/15-10/31	7/15-10/31	7/16-10/31	5/1-7/1	7/1-10/31
South Studhorse		5	8/1-10/31	7/1-8/15	5/15-7/16	5/15-7/16	7/1-10/31	7/1-10/31
Lower Pole Creek FFR	1, 2, 3, 5		3/1-4/30	3/15-4/30	4/15-5/15	3/15-4/15	4/15-5/1	5/1-6/1
Upper Pole Creek FFR	1, 2, 3, 5	1, 2, 3, 5	FFR	FFR	FFR	5/15-6/1	3/15-4/15	4/15-5/15
Middle Pole Creek FFR			FFR	FFR	FFR	4/15-5/15	5/15-6/15	3/15-4/15

Pasture Summaries:

Pasture: Jones (01)

Past Objectives: Maintain late ecological condition of upland vegetative communities.

New Objectives: The long-term objective is to maintain ecosite condition at late ecological condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function is in or making significant progress toward properly functioning condition. Upland trend indicates the pasture is meeting the upland objective. Ecological processes and wildlife habitats are not properly functioning due to historic and current grazing practices (grazing after seed ripe). Riparian habitats are not properly functioning for unknown reasons. The pasture has increasing density levels of cheatgrass, juniper and other weedy species and the bitterbrush is not reproducing. Issues of concern include Cultural resources, wildlife (summer range for deer and pronghorn), and special status species (sage grouse lek inside and adjacent to pasture and redband trout).

Pasture: North Black Canyon (02)

Past Objectives: Improve 50% of riparian zone to late ecological condition in 15 years. All middle ecological condition classes were to improve.

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function and wildlife habitats are in or are making significant progress toward properly functioning condition. The long-term upland trend indicates that the pasture is not meeting its upland objective because the upland portions of this pasture have remained in middle ecological condition. Riparian habitats and ecological processes are not functioning properly due to historic and current grazing. Riparian habitats are also impacted by in-stream road maintenance by the County. The 2 acre Pence Spring Reservoir Enclosure (22) is also located within this pasture. Issues of concern include Cultural Resources (obsidian quarry) and special

status species (reband trout in Cottonwood Creek).

Pasture: South Black Canyon (03)

Past Objectives: Improve middle ecological condition to late ecological condition within 15 years.

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function and wildlife habitats are in or are making significant progress toward properly functioning condition. The long-term upland trend indicates the pasture is not meeting the upland objective. Ecological processes and riparian habitats are also properly functioning in a portion of the pasture but not functioning in other portions due to historic heavy grazing. Recruitment and seed production of native species is not adequate and vegetation diversity is reduced with weeds increasing. The current grazing schedule (3 out of 5 years of rest with early season use the other 2 years) is not adequate for bluebunch wheatgrass to recover if grazing occurs during the growing season. Issues of concern include Cultural Resources (obsidian quarry), wildlife (deer and pronghorn winter range) and special status species (spotted frog, sage grouse lek near the pasture).

Pasture: East Cottonwood Seeding (04)

Past Objectives: Maintain late ecosite condition for the seeding areas. Minimize accumulation of wolf plants; maximize availability of fall green-up for wildlife.

New Objectives: The long-term objective is to improve ecosite condition of the native vegetation communities to attain middle ecological condition or DRFCs. Apply wildlife (improve), riparian (improve), upland (improve), and seeding #2 objectives.

Data Summary: The upland watershed function, ecological processes, and wildlife habitats are not in properly functioning

condition due to historic heavy grazing use. Sagebrush and weeds are increasing in the seeding resulting in a lack of diversity. Upland trends indicate that the pasture is not meeting the seeding objective. Riparian habitats are not functioning properly due to downcutting of the stream and historic and current grazing. Annual rangelands, weeds (whiteweed along roads) and wildlife (deer and pronghorn winter range) are issues of concern.

Pasture: West Cottonwood Seeding (05)

Past Objectives: Maintain late ecosite condition for the seeding areas. Minimize accumulation of wolf plants; maximize availability of fall green-up for wildlife.

New Objectives: The long-term objective is to improve ecosite condition of the native vegetation communities to attain middle ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve), upland (improve) and seeding #2 objectives.

Data Summary: The upland watershed function is not properly functioning due to historic heavy grazing. Upland trends indicate the pasture is meeting the seeding objective. Riparian habitats are not functioning properly due to downcutting of the stream and historic and current grazing. Ecological processes and wildlife habitats are in properly functioning condition. Reservoir Exclusion (24) comprising 11 acres is located within this pasture. Annual rangelands, special status species (reband trout in Cottonwood Creek) and wildlife (deer and pronghorn winter range) are issues of concern.

Pasture: Kelsay Butte (06)

Past Objectives: Improve middle ecological condition to late ecological condition class within 15 years.

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function, ecological

processes and wildlife habitats are in or are making significant progress toward properly functioning condition. Upland trends indicate the pasture is moving towards meeting the upland objective. There are some even-aged aspen pockets within the pasture. Juniper may be encroaching; control is warranted but use fire may adversely impact mountain mahogany. No issues of concern have been identified in this pasture.

Pasture: Swamp Creek Seeding (07)

Past Objectives: Improve 50% of riparian zone to late ecological condition in 15 years.

New Objectives: The long-term objective is to improve ecosite condition in the native vegetation communities to attain middle ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve), upland (maintain) and seeding #3 objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in or are making significant progress toward properly functioning condition. Although the understory is lacking in forbs, shrub structure is good. Riparian habitats are not properly functioning due to historic and current grazing; deer and pronghorn use is also heavy. Riparian trend indicates this pasture is not meeting the riparian objective. Annual rangelands (cheatgrass), Cultural Resources (obsidian quarry), special status species (redband trout in Cottonwood Creek) and weeds (Russian knapweed along the road; whitetop) are issues of concern.

Pasture: North Gregory Creek (08)

Past Objectives: Improve middle ecological condition to late ecological condition class within 15 years.

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function and wildlife habitats are in or are making significant progress toward properly functioning condition. The cause for ecological processes not properly functioning at one site is uncertain but there is a lack of grass/forb species in places and the risk of annual weedy species and juniper invasion is high. The riparian habitats are not properly functioning possibly due to a geological influence and/or historic grazing but causes are not fully understood. Annual rangelands, weeds, wildlife (deer and pronghorn winter range), special status species (sage grouse) and Cultural Resources (quarry for naturally occurring obsidian) are issues of concern.

Pasture: Indian Creek (09)

Past Objectives: Maintain late ecosite condition.

New Objectives: The long-term objective is to maintain ecosite condition at late ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in or are making significant progress toward properly functioning condition. Short-term upland trend indicates the pasture is meeting the upland objective (plot was established in 1992). Spraying of weeds has included the spot treatment of Russian knapweed along roads in the northwest corner of the pasture. Whitetop and Scotch thistle have also been spot treated along the Pole Creek Road from Hwy. 20 to Becker Horse Camp and onto private lands at Big Springs. Riparian habitats are not functioning properly due to a geological influence on the stream channel combined with sediment loading from upstream sources and historic grazing. The South Fork Indian Creek Stream Exclusion (23) (no data on size) and the Zotto Reservoir Exclusion (25) (38 acres) are located within this pasture. Annual rangelands, juniper invasion, special status species (spotted frog present), wildlife (deer and pronghorn winter range) and weeds are issues of concern.

Pasture: South Gregory Creek (10)

Past Objectives: Improve middle ecological condition to late ecological condition class within 15 years.

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in or are making significant progress toward properly functioning condition. The pasture was rested four out of the last five years. Upland trends indicate the pasture is moving towards meeting the upland objective. Riparian habitats are not properly functioning due to restricted stream flows controlled by a reservoir located upstream. Cultural Resources (obsidian quarry), juniper invasion (widely scattered but encroaching), and special status species (two sage grouse leks; redband trout in West Fork Cottonwood Creek) are issues of concern.

Pasture: North Studhorse (11)

Past Objectives: Maintain late ecosite condition.

New Objectives: The long-term objective is to maintain ecosite condition at late ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in or are making significant progress toward properly functioning condition. Bitterbrush is reproducing well and there are some old growth juniper present. Upland trends indicate the pasture is meeting the upland objective. Riparian habitats are not functioning properly due to current livestock grazing (late/hot season use has not been conducive to recovery) and restricted stream flows controlled by upstream reservoir. Wildlife (deer and elk summer habitat), juniper invasion, weeds (Russian knapweed and whitetop have been treated twice along a 1/8-mile roadway site north of Muir Reservoir) and special

status species (two sage grouse leks) are issues of concern.

Pasture: South Studhorse (12)

Past Objectives: Maintain late ecosite condition.

New Objectives: The long-term objective is to maintain ecosite condition at late ecological condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function and ecological processes are in or are making significant progress toward properly functioning condition. Upland trends indicate the pasture is meeting the upland objective. Wildlife and riparian habitats are not properly functioning due to hot season grazing, reservoir control on water flows and juniper invasions. Wildlife (deer and elk habitat), juniper invasion and special status species (goshawk nesting and hunting within 1 mile; sage grouse) are issues of concern.

Pasture: Lower Pole Creek (13)

Past Objectives: Improve vegetation associated with riparian zone.

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function, riparian habitat, ecological processes and wildlife habitats are not properly functioning due to historic grazing and upstream impacts (access and historic and current grazing). This has resulted in a lack of perennial grasses along with juniper and annual weed encroachment. Riparian trend indicates that the pasture is meeting the riparian objective. Pole Creek is a 303(d) listed stream and, as such, is not properly functioning in terms of water quality (temperature). Annual rangelands (medusahead rye), wildlife (deer and elk habitat), special status species (redband trout; spotted frog) and juniper invasion are issues of concern.

Pasture: Upper Pole Creek FFR (17)(b pasture is public land)

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed functions, riparian habitats, ecological processes and wildlife habitats are not properly functioning due to access and historic and current grazing. This has resulted in a lack of perennial grasses along with juniper and annual weed encroachment. Road location is impacting riparian habitats. Pole Creek is a 303(d) listed stream and, as such, is not properly functioning in terms of water quality (temperature). Annual rangelands, wildlife (elk and deer habitat), juniper invasion, weeds and special status species (redband trout; spotted frog) are issues of concern. See the comments for Indian Creek pasture for weed treatments.

Miscellaneous Pastures

Pasture: Becker Horse Camp FFR (14)

Past objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply riparian (improve) and upland (improve) objectives.

Data Summary: Riparian habitats are not properly functioning due to historic heavy grazing. Riparian assessment needs to be completed in 1999. Juniper invasion and special status species (sage grouse lek) are issues of concern.

Pasture: Wilson Creek FFR (15)

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply riparian (maintain) and upland (improve) objectives.

Data Summary: Riparian assessment needs to be completed in 1999. Annual rangelands are an issue of concern.

Pasture: Hanna Station FFR (16)

Past Objectives: None

New Objectives: None

Data Summary: Riparian (NF Indian Creek and Hanna Reservoir) is on private land. Annual rangelands and juniper invasion are issues of concern.

Pasture: West Creek FFR (18)

Past Objectives: None

New Objectives: None

Data Summary: Riparian habitat is on private lands. Annual rangelands are an issue of concern.

Pasture: Dice FFR (19)

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply riparian (improve) and upland (improve) objectives.

Data Summary: Riparian habitats are not properly functioning. Annual rangelands are an issue of concern.

Pasture: Becker (20)

Past Objectives: None

New Objectives: None

Data Summary: Juniper invasion is an issue of concern. Riparian assessment needs to be completed in 1999.

Pasture: Westfall FFR (21)

Past Objectives:

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply

riparian (improve) and upland (improve) objectives.

Data Summary: Riparian habitat is not functioning properly due to historic grazing. Annual rangelands and weeds are issues of concern.

Pasture: Pence Spring Stream Enclosure (22)

Past Objectives: None

New Objectives: None

Data Summary: Fences in North Black Canyon are not functioning (targeted for repair by Bully Creek Watershed Coalition). No issues of concern have been identified in this pasture.

Pasture: SF Indian Creek Stream Enclosure (23)

Past Objectives: None

New Objectives: Apply riparian (maintain) objective.

Data Summary: Enclosure is located from Zotto Reservoir to Big Springs. Riparian habitats are properly functioning. There are historic trespass problems on the western end of this enclosure. Potential Wild and Scenic River designation (currently 2 miles/626 acres determined eligible but not suitable for potential designation (SEORMP). No issues of concern have been identified in this pasture.

Pasture: Reservoir Enclosure (24)

Past Objectives: None

New Objectives: None

Data Summary: A stocked fisheries reservoir exists within the pasture (West Cottonwood Seeding (05)) but the protection fences are not functioning. The Bully Creek Watershed Coalition has targeted these fences for repair as well proposing to pipe water out of the reservoir for livestock watering. Annual rangelands are an issue of concern.

Pasture: Zotto Reservoir (25)

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply riparian (improve) and upland (improve) objectives.

Data Summary: Annual rangelands and weeds are issues of concern.

Pasture: Cooper Reservoir (26)

Past Objectives: None

New Objectives: None

Data Summary: Condition unknown other than this is a box reservoir for a livestock watering project. Annual rangelands and juniper invasion are issues of concern.

Pasture: Gregory Creek Reservoir (27)

Past Objectives: None

New Objectives: None

Data Summary: Condition unknown. Annual rangelands are an issue of concern.

Pasture: S. Gregory Creek Reservoir (28)

Past Objectives: None

New Objectives: None

Data Summary: Condition unknown. Annual rangelands are an issue of concern.

Pasture: Big Flat Reservoir (29)

Past Objectives: None

New Objectives: None

Data Summary: Condition unknown. No issues of concern have been identified in this pasture.

Pasture: FFR (30)

Past Objectives: None

New Objectives: None

Data Summary: Annual rangelands are an issue of concern.

Insert Map Bully Creek Landscape Area Allotment 3

Rail Canyon Allotment (10205)

Allotment Summary: Evaluations for this allotment were conducted in 1989 and 1996. Issues concerning upland trends and riparian conditions were raised in both evaluations. Some pastures containing private land are managed as custodial pastures with no management objectives identified.

Past Objectives: Objectives in this allotment have been developed at the pasture level.

New Objectives: See individual pasture summaries.

Operator Information:

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
Terry Amick	3023	0	84	4/1-10/31

Data Summary

Pasture	Standards for Rangeland Health									Trends		
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall
		PFC	FARU	FARN	FARD	NF						
		------(miles)-----										
West Rock Creek	PFC					PFC		PFC	S	S	NR	
East Chastain	PFC			1.25		PFC	N	FAR	ND	ND	ND	
West Chastain	PFC			1.25		FAR	N	ND	D	S	ND	
Kitten Canyon	PFC			2.75	9.25	2.5	PFC	N	PFC	S	S	D
East Crow Creek	PFC/PFC/PFC	6.25	3.5	2			PFC/FAR/PFC	N	FAR/FAR/FARR	ND	ND	D
West Crow Creek	PFC/PFC		3.25	5			PFC/FAR	N	FAR/FAR	S	SU	D
Home FFR	ND	To be assessed in FY99						ND		ND	ND	ND
Lost Creek FFR	ND						ND		ND	ND	ND	NR
East Rock Creek	ND						ND		ND	ND	ND	NR
FFR	ND						ND		ND	ND	ND	NR

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule			
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1 1999	Year 2 2000	Year 3 2001	Year 4 2002
West Rock Creek			4/1-4/30	4/1-4/30	REST	4/1-4/30	4/1-4/30	4/1-4/30	5/1-5/31
East Chastain		2, 5	4/1-4/30	5/16-6/30	4/1-4/30	5/16-6/30	REST	5/16-6/30	4/1-4/30
West Chastain		2, 3	5/16-7/1	7/1-7/31	6/1-6/15	7/1-7/30	5/16-7/1	7/1-8/1	10/1-10/31
Kitten Canyon	2	2	7/2-8/15	8/1-9/30	6/16-9/1	8/1-8/30 10/1-10/30	7/1-7/8	10/1-10/31	6/1-7/15
East Crow Creek		2, 3, 5	REST	REST	10/1-10/31	REST	9/16-10/31	9/2-10/1	7/16-9/1
West Crow Creek		2, 3, 5	8/16-10/31	10/1-10/31	9/2-9/30	9/1-10/1	REST	8/2-9/1	9/2-10/1
Lost Creek FFR			N/D	N/D	N/D		7/8-9/15		
East Rock Creek			5/1-5/15	5/1-5/15	5/1-5/31	5/1-5/15	5/1-5/15	5/1-5/15	REST

Pasture Summaries:

Pasture: West Rock Creek (01)

Past Objectives: Improve middle ecological condition to late ecological condition (1990 AMP - no time frames established).

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (maintain) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in, or are making significant progress toward, properly functioning condition. Upland trends indicate that the pasture is not meeting the upland objective. Annual rangelands and weeds (Russian knapweed coming from East Chastain (02) and West Chastain (03) pastures to the north; whitetop) are issues of concern.

Pasture: East Chastain (02)

Past Objectives: Improve middle ecological condition to late ecological condition for upland vegetative communities (1990 AMP - no time frames established).

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function and ecological processes are in, or are making significant progress toward, properly functioning condition. Riparian habitats are not properly functioning (cause unknown; grazing has been early season the last 5 years; willow being grazed by cattle or wildlife; healthy aspen stand below,

but none in the “at risk” segment). Wildlife habitats are not properly functioning (cause unknown). Annual rangelands, special status species (sage grouse lek outside pasture 1/10 mile south of boundary), juniper invasion and weeds (Russian knapweed) are issues of concern.

Pasture: West Chastain (03)

Past Objectives: Improve middle ecological condition to late ecological condition for upland vegetative communities (1990 AMP - no time frames established).

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed is in or making significant progress toward properly functioning condition. Upland trends indicate that the pasture is not meeting the upland objective. Riparian habitats and ecological process are not properly functioning due to historic grazing resulting in low productivity and lack of community diversity. Juniper invasion should be monitored. Annual rangelands, special status species (sage grouse lek in the pasture) and special management areas (1,709 acres of the Beaver Dam Creek WSA) are issues of concern.

Pasture: Kitten Canyon (04)

Past Objectives: Improve middle ecological condition to late ecological condition for upland vegetative communities (1990 AMP - no time frames established).

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological processes, and wildlife habitats are in, or are making significant

progress toward, properly functioning condition. Upland trends indicate the pasture is not meeting the upland objective. Riparian habitats are not properly functioning due to historic grazing, current season-of-use and juniper invasion. Wildlife (deer and elk habitat; songbirds), juniper invasion, special status species (sage grouse lek immediately adjacent to pasture; Lewis woodpecker and black backed woodpecker) and special management areas (4,872 acres of the Beaver Dam Creek WSA) are issues of concern.

Pasture: East Crow Creek (05)

Past Objectives: Improve designated riparian zones to achieve climax conditions on at least 50% of these riparian zones. Maintain late ecological condition of upland vegetative communities. (1990 AMP)

New Objectives: The long-term objective is to maintain ecosite condition at late ecological condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function and one site monitored for ecological processes are in or are making significant progress toward properly functioning condition. Riparian habitats, one assessment site monitored for ecological processes, and wildlife habitats are not properly functioning due to historic grazing, elk populations and fire suppression. Streams have historically blown out but are recovering (South Clover Creek/Rail Canyon and part of Clover Creek). Trend data indicates that the past riparian objective is not being met. The long-term riparian trend is down due to juniper invasion and the lack of aspen recruitment although the grass/forb component looks good. Wildlife (elk and deer habitat; songbirds), juniper invasion and special status species (nesting goshawk; spotted frog; redband trout) are issues of concern.

Pasture: West Crow Creek (06)

Past Objectives: Improve designated riparian zones to achieve climax conditions on at least 50% of these riparian zones. Maintain

late ecological condition of upland vegetative communities (1990 AMP)

New Objectives: The long-term objective is to maintain ecosite condition at late ecological condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function (one assessment site monitored for ecological processes) are in, or are making significant progress toward, properly functioning condition. Upland trends indicate the pasture is meeting the upland objective. Riparian habitats (one assessment site monitored for ecological processes and for wildlife habitats) are not properly functioning due to historic grazing, high elk populations and fire suppression. This has resulted in decadent aspen stands, lack of woody reproduction, overstocking of coniferous trees and juniper encroachment. Trend data indicates the riparian objective is not being met. The long-term riparian trend is down due to the decadent overstory although the grass/forb component looks good. Wildlife (elk and deer; songbirds), juniper invasion and special status species (goshawk) are issues of concern.

Pasture: Home FFR (07)

Past Objectives: Early seral. Improve ecological condition of riparian vegetative communities.

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply riparian (maintain) and upland (improve) objectives.

Data Summary: Riparian habitats are located on public lands in the northwest portion of pasture (Bully Creek segment). It is unknown if the pasture is meeting the riparian objective. Issues of concern

include wildlife, juniper and special status species.

Pasture: Lost Creek FFR (08)

Past Objectives: Late seral. Maintain ecological condition of upland vegetative communities

New Objectives: The long-term objective is to maintain ecosite condition at late ecological condition or DRFCs. Apply upland (maintain) objective.

Data Summary: There are no issues of concern. The Beaver Dam Creek WSA (394 acres) lies primarily on upland habitat with little concern.

Pasture: East Rock Creek (09)

Past Objectives: None (custodial).

New Objectives: The long-term objective is to improve ecosite condition to attain late ecological condition or DRFCs. Apply upland (improve) objective.

Data Summary: SRH were not assessed. Annual rangelands are an issue of concern.

Pasture: FFR (10)

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain middle ecological condition or DRFCs. Apply upland (improve) objective.

Data Summary: Riparian is on private lands. Annual rangeland are an issue of concern.

insert Map Bully Creek Landscape Area Rail Canyon

Richie Flat Allotment (10214)

Allotment Summary: In 1988 an allotment evaluation was completed for this allotment. No adjustments were made in livestock management as a result of this evaluation due to the non-use taken by the livestock operator in the years prior to the evaluation and lack of critical resource issues.

Past Objectives: Objectives in this allotment have been developed at the pasture level.

New Objectives: See individual pasture summaries

Operator Information:

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
JD Dearing	3168	381	0	4/1-11/15

Data Summary

Pasture	Standards for Rangeland Health								Trends			
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall
		PFC	FARU	FARN	FARD	NF						
South Ridge	PFC/PFC						PFC/PFC		FAR/PFC	U	U	NR
North Ridge	PFC						PFC		PFC	SU	S	NR
Richie Flat Seeding	PFC						FAR		FAR	U	U	NR
West Log Creek	PFC			2	4		PFC	N	PFC	U	U	ND
East Log Creek	PFC	0.75	2.5		2.75		PFC	N	PFC/FAR	SU	SU	S
Poison Butte	PFC						PFC		PFC	ND	ND	NR
Richie Flat FFR	ND						ND		ND	ND	ND	NR
Reds Creek 3-Way EX	ND						ND		ND	ND	ND	NR

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
South Ridge		5	9/15-11/15	9/15-11/15	6/1-7/15	7/1-10/31	7/1-10/31	5/1-7/1
North Ridge			11/15-12/30	9/15-11/15	9/1-11/15	7/1-10/31	6/1-8/1	7/1-10/31

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Richie Flat Seeding		3,5	5/1-6/30	5/1-6/30	5/1-6/1	5/1-7/1	7/1-10/31	5/1-7/1
West Log Creek		2	4/1-4/30	4/1-4/30	5/1-5/31	4/1-5/1	5/1-6/1	4/1-5/1
East Log Creek		2,5	4/1-4/30	4/1-4/30	4/1-4/30	5/1-6/1 9/1-10/31	4/1-5/1 9/1-10/31	4/1-5/1 9/1-10/31
Poison Butte			5/1-6/30	5/1-6/30	REST	5/1-7/1	7/1-10/30	7/1-10/30

Pasture Summaries:

Pasture: South Ridge (01)

Past Objectives: Attain upward trend in 5-10 years and improve early ecological condition to middle ecological condition class within 15 years (by 2003).

New Objectives: The long-term objective is to improve ecosite condition of the native vegetation communities to attain late condition or DRFCs. Apply wildlife (maintain), seeding #3 and upland (maintain) objectives. Most of this pasture is native vegetation communities, however, crested wheatgrass was seeded in the southern portion of the pasture.

Data Summary: The upland watershed function, ecological processes and wildlife habitats in the native portion of the pasture are in or are making significant progress toward properly functioning condition. Wildlife habitat in the seeding is not properly functioning due to the lack of vegetative diversity. It is unknown if the pasture is meeting the upland objective for native vegetation communities. This pasture has been proposed as an ACEC/RNA for native vegetative communities. Annual rangelands and special status species (two sage grouse leks in pasture and one lek adjacent to pasture) are issues of concern.

Pasture: North Ridge (02)

Past Objectives: Improve middle ecological condition to late ecological condition within 10 years by 1998.

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (maintain) and upland (maintain) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in properly functioning condition. Upland trends indicate the pasture is moving toward meeting the upland objective. Juniper invasion is a low priority problem because ecological conditions are very good; however, one patch is established and deserves monitoring. This pasture has been proposed as an ACEC/RNA for native vegetative communities and sage grouse values. Annual rangelands and special status species (sage grouse area with two leks) are issues of concern.

Pasture: Richie Flat Seeding (03)

Past Objectives: Improve good seeding condition to excellent seeding condition within 15 years (by 2003); restrict grazing of fall green-up and regrowth for wildlife.

New Objectives: The long-term objective is to improve ecosite

condition of the native vegetation communities to attain late condition or DRFCs. Apply wildlife (improve), upland (maintain) and seeding #3 objectives.

Data Summary: The upland watershed function is in properly functioning condition. This seeding appears to be recovering. Ecological processes and wildlife habitats are not properly functioning due to historic grazing, invasion by annual weeds and a lack of vegetative community diversity. A small corner of native vegetation communities is in fine condition. Seeding trends indicate the pasture is moving toward meeting the seeding objective. Special status species (one sage grouse lek) is an issue of concern.

Pasture: West Log Creek (04)

Past Objectives: Improve early ecological condition to middle ecological condition of upland vegetative communities within 10 years by 1998.

New Objectives: The long-term objective is to improve ecosite condition to attain middle condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in or are making significant progress toward properly functioning condition. Upland trends indicate the pasture is moving toward meeting the upland objective. Riparian habitats are not properly functioning due to historic grazing and current conditions of upstream private lands. Log Creek and Birch Creek aspen stands and the large woody vegetation have lost vigor (largely an upstream problem on private lands). Annual rangelands and special status species (sage grouse) in the lower portions of the pasture are issues of concern.

Pasture: East Log Creek (05)

Past Objectives: Attain upward trend in 5-10 years (by 1998) and improve from early ecological condition to middle ecological condition within 15 years (by 2003). Increase density and cover of

perennial vegetation associated with riparian zone on Reds Creek.

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function and ecological processes are in or are making significant progress toward properly functioning condition. Upland trends indicate the pasture is moving toward meeting the upland objective. Riparian habitats are not properly functioning due to historic grazing and wildlife browsing on willows. Wildlife habitats are not properly functioning due to historic grazing in stiff sagebrush habitat (big sagebrush habitat is functional). Riparian trend indicates the pasture is moving toward meeting the riparian objective. The Reds Creek 3-Way Upland Exclosure (no data on size) is located within this pasture. Annual rangelands (part of Reds Creek) and special status species (one sage grouse lek) are issues of concern.

Pasture: Poison Butte (06)

Past Objectives: Improve early ecological condition to middle ecological condition within 15 years (by 2003). Maintain/improve the quality of deer/antelope winter range.

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (maintain) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological processes, and wildlife habitats are in or are making significant progress toward properly functioning condition. Annual rangelands are an issue of concern.

Pasture: Richie Flat FFR (07)

Past Objectives: None

New Objectives: No objectives are to be defined due to small acreage of public domain.

Data Summary: Only 9 acres of public lands are within the pasture

and no data has been collected. There are no issues of concern.

Insert Map Bully Creek Landscape Area Richie Flat Allotment

Brian Creek Allotment (10215)

Allotment Summary: At one time this allotment was part of Buckbrush Allotment (10218).

Past Objectives: Maintain/improve the ecological condition of upland vegetative communities.

New Objectives: See individual pasture summaries.

Operator Information:

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
Roger Corrigan	1092	0	4/1-11/15	

Data Summary

Pasture	Standards for Rangeland Health									Trends		
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall
		PFC	FARU	FARN	FARD	NF						
		------(miles)-----										
Mountain	PFC		3.25	3	1.5		PFC	N	PFC	S	SU	ND
North NG Seeding	FAR		1				PFC	N	FAR	D	S	ND
South NG Seeding	FAR/FAR		0.15				FAR/FAR	N	FAR/FAR	ND	ND	ND

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>
North Mountain	2	2	8/1-10/31	6/15-10/31	8/1-9/15	4/15-5/15	4/15-5/15	10/1-10/30
South Mountain	2	2	8/1-10/31	1 6/15-10/3	8/1-9/15	5/6-7/1	7/15-9/1	9/1-9/30
North NG Seeding	1, 2, 5		4/1-6/1	10/15-10/31	4/1-6//1	9/1-10/30	9/1-10/30	4/15-7/1
South NG Seeding	1, 2, 3, 5		10/1-10/31	4/1-6/15	9/15-10/31	9/1-10/30	9/1-10/30	4/15-7/1
True (Private)			6/1-7/31	9/15-10/15	8/1-9/15	7/1-8/1	6/15-7/15	8/1-9/1
Swede (Private)			6/1-7/31	9/15-10/15	6/1-7/31	8/1-9/1	5/16-6/16	7/1-8/1

Pasture Summaries:

Pasture: Mountain Pasture (01)

Past Objectives: Maintain late ecosite condition class.

New Objectives: The long-term objective is to maintain ecosite condition at late condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function and ecological processes are in or are making significant progress toward properly functioning condition. Upland objectives are being met on the short-term. Riparian habitats are not properly functioning due to historic grazing, current season-of-use and big game impacts. Riparian habitat used to support redband trout. Deer populations are down. Aspen stands are dead or dying along with other riparian shrubs/trees. Wildlife habitats were rated as properly functioning; however, riparian obligate species (trout; sage grouse; song birds; amphibians) are impacted by current riparian conditions. Riparian trend is static in a degraded condition on Brian Creek. Wildlife (heavy big game use in spring and summer and possibly overwintering) and special status species (sage grouse leks) are issues of concern.

Pastures: North NG Seeding (02) and South NG Seeding (03)

Past Objectives: Attain upward trend; improve middle ecological

seeding condition to late ecological condition within 15 years (by 2002). Minimize wolf plants. Maximize availability of fall green-up for wildlife.

New Objectives: The long-term objective is to improve ecosite condition of the native vegetation communities to attain middle condition or DRFCs. Apply wildlife (improve), riparian (improve), upland (improve) and seeding #1 objectives.

Data Summary: The upland watershed function, riparian habitats, ecological processes and wildlife habitats are not in properly functioning condition due to historic and current grazing. The seedings have been used intensely, and the crested wheatgrass has lost viability, resulting in an increase in the shrub component with the corresponding loss of the crested wheatgrass. With increasing shrubs, the habitat is returning to a more natural state. The riparian habitat in South NG Seeding (03) is minimal (a water gap). In North NG Seeding (02), the long-term upland trend is down, and the short-term trend is static (not meeting objective for seeding trend). There are no specific trend data for South NG Seeding (03); however, North NG Seeding (02) represents trend in South NG Seeding (03). Annual rangelands are an issue of concern for both seedings (more than 25% of pastures in annual grasslands).

insert Map Bully Creek Landscape Area Brian Creek Allotment

Buckbrush (10218)/Westfall Seeding (00227)

Allotment Summary: Westfall Seeding (Allotment 00227) is a single pasture which is used in conjunction with Buckbrush Allotment. Evaluations were completed for these allotments in 1990 and 1995. There were no major resource issues identified although both seedings showed a long-term downward trend. Specific note was made that grazing schedules have been followed and project maintenance has been good.

Past Objectives: Objectives in this allotment have been developed at the pasture level.

New Objectives: See individual pasture summaries.

Operator Information:

Buckbrush Allotment 10218

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
Thomas Silvey	608	92	0	4/1-10/31 380 head including horses
Arriola Brothers	2189	370	0	4/1-10/31 30 head horse permit

Westfall Allotment 00227

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
Arriola Brothers	327	0	0	4/1-10/31

Data Summary

Pasture	Standards for Rangeland Health								Trends			
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall
		PFC	FAR U	FARN	FARD	NF						
Buckbrush Seeding	PFC/PFC		1			0.75	FAR/PFC	N	FAR/PFC	D	SU	U
Buckbrush	PFC/PFC		3.75	3.25			PFC/PFC	N	PFC	SU	U	S
Turnout	PFC/FAR		2.5	3.5			FAR/FAR	N	PFC	S	S	ND
Mountain	PFC		3.75	1.5	1.75		PFC	N	ND	SU	S	ND
FFR	FAR						NF		FAR	S	S	NR
Gathering	PFC						PFC		PFC	SU	SU	NR
Salters/ State	PFC/PFC			2.25			FAR/PFC	N	FAR/PFC	SU	SU	ND
Westfall Seeding (00227)	FAR						FAR		FAR	D	S	NR

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Buckbrush Seeding	2	2,3,5	4/1-4/30	4/1-6/30	10/1-10/31	4/1-5/1	4/15-5/15	8/1-8/30
Buckbrush		2	8/16-10/31	10/1-10/31	4/1-6/30	5/1-6/1 10/1-10/31	7/1-8/30	4/1-6/1
Turnout		1,2,3	4/1-5/15	4/1-6/30	10/1-10/31	7/1-8/15	10/1-10/31	6/1-6/30
Mountain	2	2	5/15-8/15	7/1-9/30	7/1-9/30	5/1-6/31	9/1-9/30	9/1-10/31
Gathering			GATHERING			GATHERING		
Salters/State		2,3,5	8/16-10/31	10/1-10/31	4/1-6/30	8/15-9/30	5/15-6/30	7/1-7/30
Westfall Seeding (00227)			8/16-10/31	10/1-10/31	4/1-6/30	REST	4/1-4/15	REST

Pasture Summaries:

Pasture: Buckbrush Seeding (01)

Past Objectives: Improve the quality of deer/antelope winter range.

Improve the middle ecological condition of the upland vegetative community.

New Objectives: The long-term objective is to improve ecosite condition of the native vegetation communities to attain middle condition or DRFCs. Apply wildlife (improve/maintain), riparian (improve), and seeding #2 objectives.

Data Summary: The upland watershed function and wildlife habitats on the native vegetation communities are in or are making significant progress toward properly functioning condition. The upland objective is not being met. Riparian habitats are not properly functioning due to historic and current grazing and geological influences. Ecological processes and wildlife habitats in the seeding are not properly functioning due to historic grazing which has

reduced the grass/forb component. Annual rangelands are an issue of concern.

Pasture: Buckbrush (02)

Past Objectives: Improve the quality of deer/antelope winter range.

Improve the middle ecological condition of the upland vegetative community.

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in or are making significant progress toward properly functioning condition. Upland trends indicate the pasture is meeting the upland objective. Riparian habitats are not functioning properly due to historic grazing. Annual rangelands (lower portions of the pasture have more than 25%

annual grass cover) and special status species (near 2 sage grouse leks) are issues of concern.

Pasture: Turnout (03)

Past Objectives: Improve the quality of deer/antelope winter range. Improve the early ecological condition of the upland vegetative community.

New Objectives: The long-term objective is to improve ecosite condition to attain middle condition or DRFCs. Apply riparian (improve) and upland (improve/maintain) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitat at one assessment site are in or are making progress toward properly functioning condition. At a second assessment site, the upland watershed function, ecological processes and riparian habitat are not functioning properly due to historic grazing. Upland trends indicate that the pasture is not meeting the upland objective. Annual rangelands are an issue of concern.

Pasture: Mountain (04)

Past Objectives: Maintain the late ecological condition of upland vegetative communities.

New Objectives: The long-term objective is to maintain the ecosite condition at late condition or DRFCs. Apply riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function and ecological processes are in or are making significant progress toward properly functioning condition. Upland trends and SRH indicate the pasture is meeting the upland objective. Riparian habitats are not properly functioning due to historic grazing and current season-of-use. Special status species (sage grouse leks) are an issue of concern.

Pasture: FFR (05)

Past Objective: None

New Objective: None

Data Summary:

Pasture: Gathering (06)

Past Objectives: Improve the early ecological condition of upland vegetative communities.

New Objectives: The long-term objective is to improve ecosite condition to attain middle condition or DRFCs. Apply upland (maintain) objective.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in or are making significant progress toward properly functioning condition. Upland trends and SRH indicate that the pasture is moving towards the upland objective. Annual rangelands are an issue of concern although the condition is improving.

Pasture: Salters /State (07)

Past Objectives: None. In 1990, this was a newly established pasture and no upland objectives were assigned at that time.

New Objectives: The long-term objective is to improve ecosite condition to attain middle condition or DRFCs. Apply riparian (improve), wildlife (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function (one assessment site for ecological processes and one assessment site for wildlife habitats) are in or are making significant progress toward properly functioning condition. Riparian habitats assessed are not properly functioning, but the cause is unknown. One assessment site each for ecological processes and wildlife habitats are not properly functioning due to historic grazing which has resulted in an invasion of weeds. Upland trends show a slight improvement. Annual rangelands, and weeds (whitetop, tumble mustard) are issues of concern.

Pasture: Westfall (00227)/Westfall Seeding (01)

Past Objectives: Improve the quality of deer/antelope winter range by managing for 55% grasses, 25% forbs, and 20% shrubs.

New Objectives: The long-term objective is to improve ecosite condition of the native vegetation communities to middle condition or DRFCs. Apply wildlife (improve), upland (improve) and seeding #2 objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are not functioning properly. This is due to historic grazing which resulted in reduced litter and cover, changes in cover distribution, lack of grass understory and no seed production or recruitment. There is a lack of community structure, excessive exotic species and no vegetative diversity. The shrub component is good. Upland objectives are not being met. Annual rangelands (high populations of whitetop and Scotch thistle) and wildlife (deer and pronghorn winter range) are issues of concern.

insert Map Bully Creek Landscape Area Buckbrush Allotment and Westfall Seeding

Willow Basin Allotment (10222)

Allotment Summary: Evaluations were conducted for this allotment in 1985 and 1995. Resource issues, including downward trends and riparian management, were addressed. As a result, some livestock use was suspended and a new grazing system implemented.

Past Objectives: Objectives in this allotment have been developed at the pasture level.

New Objectives: See individual pasture summaries.

Operator Information:

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
Indian Creek Ranch	7006	1117	249	4/1-10/31

Data Summary

Pasture	Standards for Rangeland Health									Trends			
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall	
		PFC	FARU	FARN	FARD	NF							
		------(miles)-----											
Juniper Springs	PFC			4.25			PFC	N	FAR	S	S	ND	
North Cottonwood Seeding	FAR/PFC	0.25	0.5				FAR/PFC	N	PFC/PFC	SD	SU	U	
Indian Creek	PFC/PFC		3.5				PFC/PFC	N	PFC/PFC	U	U	ND	
Panhandle	PFC			1			PFC	N	PFC	S	SU	ND	
North Fork	FAR		0.25				FAR	N	PFC	S	SU	ND	
State Block	PFC			1.5			PFC	N	PFC	ND	S	ND	
Willow Basin Creek	PFC	To be assessed in FY99						PFC		FAR	S	S	ND
Bully Creek	PFC	8.5	3.75	2	5		PFC	N	FAR	U	SU	D	
FFR	ND						ND		ND	ND	ND	NR	
Shroyer FFR	ND						ND		ND	ND	ND	NR	
FFR	ND						ND		ND	ND	ND	NR	

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Juniper Springs	2, 5	2, 5	6/1-8/1	7/16-10/1	4/1-5/1 7/15-10/31	5/1-6/1	7/1-8/15	7/1-10/31
North Cottonwood Seeding		1, 2, 3	3/15-4/30	3/15-4/30	5/1-7/15	4/1-5/1	5/1-6/15	4/1-5/1
Indian Creek	2	2	6/1-8/1	6/15-10/1	3/15-5/1 7/15-10/31	4/1-6/1	4/1-5/1	7/1-10/31
Panhandle	2	2	3/15-4/30	3/15-4/30	5/1-7/15	4/1-5/1	5/1-6/31	4/1-5/1
North Fork		2, 3	3/15-4/15	4/1-4/30	5/1-7/15	5/1-6/1	4/1-4/30	4/1-5/1
State Block		2	4/15-5/15	7/16-9/30	4/1-7/15	10/1-10/31	7/1-8/15	7/1-10/31
Willow Basin Creek	5	5	8/1-10/31	5/1-7/15	7/16-10/31	7/1-10/1	8/16-9/15	5/1-7/1
Bully Creek	2, 5	2, 5	4/1-6/1	9/20-10/31	REST	6/1-7/1	9/15-10/30	5/1-7/1

Pasture Summaries:

Pasture: Juniper Springs (01)

Past Objectives: Improve middle ecological condition to late ecological condition of upland vegetative communities (1991 AMP - no time frames established).

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (improve), riparian (improve), and upland (maintain) objectives.

Data Summary: The upland watershed function and ecological processes are in or are making significant progress toward properly functioning condition. Upland trends indicate the pasture is not meeting the upland objective. Riparian and wildlife habitats are not properly functioning due to historic grazing, current season-of-use (hot season grazing) and deer impacts. This has resulted in high sediment loads in the stream. There is decadent bitterbrush with no

reproduction and declining sagebrush communities. Cultural resources, juniper invasion and special status species (4 sage grouse leks adjacent to the pasture) are issues of concern.

Pasture: North Cottonwood Seeding (02)

Past Objectives: Improve riparian zone along Indian Creek.

New Objectives: The long-term objective is to improve ecosite condition in the native vegetation communities to attain middle condition or DRFCs. Apply riparian (improve) upland (maintain) and seeding #3 objectives .

Data Summary: The native portions for the upland watershed function and ecological processes are in or are making significant progress toward properly functioning condition. Wildlife habitats are properly functioning in the entire pasture. The seedings are not

properly functioning due to historic grazing resulting in a weakened seeding, bare ground and whitetop and cheatgrass invasions. The riparian watershed function is not properly functioning due to historic grazing and old dam structures (there are hydrological problems in the upper segments of the stream). Riparian trends indicate the riparian objective is being met. Annual rangelands are an issue of concern.

Pasture: Indian Creek (03)

Past Objectives: Improve middle ecological condition to late ecological condition (1991 AMP no time frames established).

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in, or are making significant progress toward, properly functioning condition. Upland trends indicate the pasture is moving towards meeting the upland objective. Riparian watershed functions are not properly functioning due to historic and current grazing and upstream reservoir controls which have resulted in juniper invasion and Russian knapweed problems. Where the trend plot is located, there was an enormous amount of aroga moth kill noted during 1998 monitoring. Annual rangelands, wildlife (deer habitat), special status species (sage grouse), juniper invasion and weeds (Russian knapweed) are issues of concern.

Pasture: Panhandle (04)

Past Objectives: Improve early ecological condition to middle ecological condition (1991 AMP - no time frames established).

New Objectives: The long-term objective is to improve ecosite condition to attain middle condition or DRFCs. Apply riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in or are making significant

progress toward properly functioning condition. The long-term upland trends are not meeting the upland objective; however, data show uplands are improving over the short-term. Riparian watershed functions are not properly functioning due to reservoir controls in the segment below the ranch. Annual rangelands, special status species (sage grouse), wildlife (deer habitat; shrikes) and weeds (Russian knapweed) are issues of concern.

Pasture: North Fork (05)

Past Objectives: Improve the riparian zone along the NF Bully Creek (identified to be in early seral condition in 1991 AMP). There were originally two North Fork pastures (East & West) identified in this allotment from the 1981 AMP. The 1991 AMP shows only 1 pasture with a riparian objective. The original North Fork West Pasture objective was to improve condition from middle ecological condition to late ecological condition within 15 years (by 1996).

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function and wildlife habitats are in or are making significant progress toward properly functioning condition. Upland trend indicates the uplands are improving over the short term but not meeting upland objectives. Although the site has considerable potential, ecological processes, including riparian watershed functions, are not properly functioning. Annual rangelands and weeds (Russian knapweed) are issues of concern.

Pasture: State Block (06)

Past Objectives: Improve middle ecological condition to late ecological condition (1991 AMP - no time frames established).

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function, ecological

processes and wildlife habitats are in or are making significant progress toward properly functioning condition. Upland trend indicates the pasture is not meeting the upland objective. Riparian watershed functions are not properly functioning due to reservoir controls. Annual rangelands, wildlife (deer and pronghorn habitat) and special status species (three sage grouse leks) are issues of concern.

Pasture: Willow Basin Creek (07)

Past Objectives: Improve middle ecological condition to late ecological condition of upland vegetative communities (1991 AMP no time frames established).

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function and ecological processes are in or are making significant progress toward properly functioning condition. Forage production is suffering and bitterbrush is overused. Upland trend indicates the pasture is not meeting the upland objective. The uplands should have more vegetative cover and juniper invasion may be a problem. Based on professional judgment, riparian watershed functions and wildlife habitat are not properly functioning due to historic and current grazing season-of-use (hot season). The Beaver Dam Creek WSA (1,622 acres) lies in the northwest corner of the pasture. Annual rangelands, wildlife (deer, pronghorn and elk), special status species (five sage grouse leks, redband trout, spotted frog) and weeds (Russian knapweed) are issues of concern.

Pasture: Bully Creek (08)

Past Objectives: Improve riparian areas of North, South Bully Creek, Puckett Creek, McArthur Creek, and Godding Creek (1991 AMP - no time frames established or other parameters).

New Objectives: The long-term objective is to improve ecosite

condition to maintain late condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (maintain) objectives.
Data Summary: The upland watershed function and ecological processes are in or are making significant progress toward properly functioning condition. Upland trend indicates that the pasture is not meeting the upland objective. Mountain sagebrush is decadent, and juniper and weeds are encroaching into all communities. Riparian and wildlife habitats are not properly functioning due to current and historic grazing and fire suppression. This has resulted in eroding soils and heavy sediment deposits. There is no regeneration of aspen/willow/birch. The Beaver Dam Creek WSA (8,366 acres) lies within the pasture. There has also been an increase in wood cutting in the drainage. Wildlife (elk, deer, songbird habitat), juniper invasion, special status species (sage grouse lek, redband trout), weeds (spotted knapweed at headwaters of South Bully Creek) and recreation (a lot of hunter camps in the pasture; new OHV tracks developed into Puckett Creek) are issues of concern.

Pastures: FFR (09)

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (improve) and upland (improve) objectives.

Data Summary: The Beaver Dam Creek WSA in pasture (09) consists of 57 acres. Annual rangelands and special status species (sage grouse lek is close) are issues of concern.

Pasture: Shroyer FFR (10)

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply riparian (improve) and upland (improve) objectives.

Data Summary: Annual rangelands are an issue of concern.

Pasture: FFR (11)

Past Objectives: None.

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (improve) and upland (improve) objectives.

Data Summary: The Beaver Dam Creek WSA in pasture (11) consists of 1,064 acres. Special status species (one sage grouse lek) is an issues of concern.

insert Map Bully Creek Landscape Area Willow Basin Allotment

Lava Ridge Allotment (10223)

Allotment Summary: Evaluations were conducted for this allotment in 1987 and 1991. The two seedings were shown to be heavily used with downward trends and the Bully Creek pasture was divided to provide better riparian management. No changes were made to the scheduled grazing.

Past Objectives: Objectives in this allotment have been developed at the pasture level.

New Objectives: See individual pasture summaries.

Operator Information:

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
Chris Davis	1722	0	0	4/1-10/31

Data Summary

Pasture	Standards for Rangeland Health									Trends		
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall
		PFC	FARU	FARN	FARD	NF						
Hay Canyon	PFC		2	2.25			PFC	N	ND	S	U	ND
East Lava Seeding	FAR/PFC						FAR/PFC		FAR	D	SD	NR
West Lava Seeding	FAR/PFC						FAR/PFC		FAR	ND	ND	NR
North Bully Creek	FAR						PFC		FAR	ND	ND	NR
South Bully Creek	FAR		0.75	2			FAR	N	FAR	SU	SU	D
FFR	ND						ND		ND	ND	ND	NR

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
East Hay Canyon		2	7/1-10/31	7/1-10/1	7/1-8/1	7/1-10/31	7/1-10/31	4/1-5/1
West Hay Canyon		2	7/1-10/31	7/1-10/7	7/1-8/1	5/1-7/1	5/1-7/1	REST To PVT: 5/1-7/1

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule			Proposed Grazing Schedule		
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
East Lava Seeding		1, 3, 5	6/1-6/30	7/1-8/1	6/1-7/1	5/2-7/1	4/1-5/1	9/1-10/1
West Lava Seeding		1, 3, 5	5/1-5/30	6/1-7/1	6/1-7/1	4/1-5/1	5/1-7/1	9/1-10/1
North Bully Creek	1, 5		7/1-10/31	4/15-6/30	4/15-6/1	4/1-5/1	5/1-7/1	7/1-9/1
South Bully Creek	5	1, 2, 3, 5	3/20-4/30	3/15-4/30	3/15-4/15	5/2-6/15	4/1-5/1	4/1-5/1

Pasture Summaries:

Pasture: Hay Canyon (01)

Past Objectives: Maintain late ecological condition class (1986 AMP - no time frames established).

New Objectives: The long-term objective is to maintain ecosite condition at late condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (maintain) objectives.

Data Summary: Riparian watersheds are not properly functioning due to historic and current grazing season-of-use. Upland trends indicate the pasture is meeting the upland objective. Weeds (whiteweed and Scotch thistle) are invading the riparian areas. Although wildlife is not an issue of concern, elk and deer frequent the area later in the year. Topographically, there are a lot of places for deer and pronghorn that are inaccessible to livestock. Special status species (one sage grouse lek) and juniper invasion are issues of concern.

Pasture: East Lava Seeding (02)

Past Objectives: Improve early condition class to middle condition within 15 years, minimize wolf plant accumulation and maximize availability of fall green-up regrowth for wildlife.

New Objectives: The long-term objective is to improve ecosite

condition of the native vegetation communities to attain middle condition or DRFCs. Apply wildlife (improve) upland (improve) and seeding #2 objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are not in properly functioning condition due to historic grazing. The seedings also receive heavy spring/summer pronghorn use. The long-term upland trend is down with short-term trend static to down. Annual rangelands, special status species (sage grouse; one lek in pasture with two leks nearby) are issues of concern.

Pasture: West Lava Seeding (03)

Past Objectives: Improve early ecological condition class to middle condition within 15 years, minimize wolf plant accumulation and maximize availability of fall green-up regrowth for wildlife.

New Objectives: The long-term objective is to improve ecosite condition of the native vegetation communities to attain middle condition or DRFCs. Apply wildlife (improve), upland (improve) and seeding #2 objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are not in properly functioning

condition due to historic grazing. The seedings receive heavy spring/summer pronghorn use. The long-term trend for the East Lava Seeding is down with the short term trend static to down. No data are available for the West Lava Seeding but the East Lava Seeding trend data represents the West Lava Seeding. A minor part of an ACEC (117 acres) lies within this pasture but is not an issue of concern. Annual rangelands, special status species (sage grouse; three leks nearby) are issues of concern.

Pastures: North Bully Creek (04)

Past Objectives: Improve upland areas to late ecological condition over the long-term. Within 15 years (by 2001) the short-term objective is to improve the pasture to middle ecological condition.

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (improve) and upland (improve) objectives.

Data Summary: The ecological processes are in or are making significant progress toward properly functioning condition. When annual vegetation (shrub or grasslands) are taken into consideration this may not be the case. Upland watershed function and wildlife habitats are not properly functioning due to the current grazing season-of-use (not enough deferment and/or rest in the pasture). Livestock use is depleting sage grouse nesting habitat by removing

grass understory. Upland trend indicates that the pasture is moving toward meeting the upland objective. A minor part of an ACEC (44 acres) lies within the pasture. Annual rangelands in the southeast area of the pasture and special status species (about 1/4 mile from sage grouse leks) are issues of concern.

Pasture: South Bully Creek (05)

Past Objectives: Attain an upward trend on both riparian and upland areas. Improve upland areas to late ecological condition over the long-term. Within 15 years (by 2001) improve the pasture to middle ecological condition. Improve at least half of the riparian areas to pristine condition by 1990.

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (improve) objectives.

Data Summary: Upland watershed function, riparian watershed functions, ecological processes and wildlife habitats are not properly functioning due to historic grazing and possibly other unidentified causes. Weeds are a problem (a large portion of this pasture is in poor condition and is vulnerable to weed invasion). Annual rangelands and special status species (sage grouse habitat; shrike habitat) are issues of concern.

insert Map Bully Creek Landscape Area Lava Ridge Allotment

West Bench Allotment (20104)

Allotment Summary: An evaluation was completed for this allotment in 1993. The early seral conditions were noted and specific grazing management was implemented to promote upward trends.

Past Objectives: Objectives in this allotment have been developed at the pasture level.

New Objectives: See individual pasture summaries.

Operator Information:

<u>Operator Name</u>	<u>Active AUMs</u>	<u>Suspended AUMs</u>	<u>Exchange of Use</u>	<u>Season of Use</u>
Hyde	52	14	0	4/1-10/31
Bill Moore	100	28	0	4/1-10/31

Data Summary

Pasture	Standards for Rangeland Health						Trends					
	1	2					3	4	5	Upland Long-term	Upland Short-term	Riparian Overall
		PFC	FARU	FARN	FARD	NF						
	----- (miles) -----											
East	PFC					FAR		ND	S	ND	NR	
West	PFC					PFC		ND	SU	ND	NR	

Grazing Schedule

Pasture	Reason for not meeting Standards 1-5		Allotment Management Plan Grazing Schedule		Proposed Grazing Schedule	
	Caused by Current Grazing	Caused by Other Factors	Year 1	Year 2	Year 1	Year 2
East	3	3	6/1-7/15	4/16-5/31	4/15-7/1 or 7/15	7/15-9/30
West			4/16-5/31	6/1-7/15	7/15-9/30	4/15-7/1 or 7/15

Pasture Summaries

Pasture: East (01)

Past Objective: Increase palatable winter browse production by 20%

by 1990.

New Objectives: The long-term objective is to improve ecosite condition to attain middle condition or DRFCs. Apply wildlife (improve) and upland (improve) objectives.

Data Summary: The upland watershed function is in or making significant progress toward properly functioning condition. The ecological processes are not properly functioning due to historic and current grazing seasons of use resulting in invasion of annual weeds (Russian thistle and cheatgrass with some morning glory). Annual rangelands and wildlife (pronghorn winter range) are issues of concern.

Pasture: West (02)

Past Objectives: Increase palatable browse production by 20% by 1990.

New Objectives: The long-term objective is to improve ecosite condition to attain middle condition or DRFCs. Apply wildlife (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function and ecological processes are in or are making significant progress toward properly functioning condition. Historic and current grazing seasons of use have resulted in invasion of annual weeds (Russian thistle and cheatgrass). Annual rangelands and wildlife (pronghorn winter range) are issues of concern.

insert Map Bully Creek Landscape Area West Bench Allotment

C Allotments

Allotment Summary: Grazing in C allotments will remain authorized in conjunction with private lands as long as public land management objectives are met.

Allotment: Boston Horse Camp (00113)

Pasture: Boston Horse Camp (01)

Operator Information: Rex Knudson

Active AUMs: 83; Suspended AUMs: 162

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (maintain) objectives.

Data Summary: The upland watershed function and ecological processes are in properly functioning condition. Riparian watershed functions are not properly functioning due to historic grazing and current wildlife populations. Aspen regeneration is lacking. Issues of concern are special status species (one sage grouse lek nearby).

Allotment: Juniper Mountain (00134)

Pasture: Juniper (01)

Operator Information: Paul Martin

Active AUMs: 126; Suspended AUMs : 0

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply riparian (improve) and upland (improve) objectives.

Data Summary: Part of Brady Creek is in this pasture above private lands. There are no data available or issues of concern.

Allotment: Cow Creek Individual (00144)

Pasture: Cow Creek (01)

Operator Information: Brian Carmichael

Active AUMs: 112; Suspended AUMs: 218

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function and ecological processes are in poorly functional condition. The riparian areas need to be evaluated. Issues of concern include juniper.

Allotment: Scratch Post Butte (00228)

Pasture: Scratch (01)

Operator Information: Ironside Associates

Active AUMs:132; Suspended AUMs: 0

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (maintain), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function, ecological processes and wildlife habitats are in properly functioning condition. There is no data for the riparian areas. Juniper invasion and special status species (near two sage grouse leks; may have rare plants) are issues of concern.

Allotment: Post Creek Individual (00244)

Pasture: Post (01)

Operator Information: Anita and WM Butler

Active AUMs: 98; Suspended AUMs: 228

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply riparian (improve)

and upland (improve) objectives.

Data Summary: The upland watershed function and ecological processes are in properly functioning condition. Data was collected for riparian watershed functions during the FY 1995 Riparian Evaluations. There is no fence between Cow Creek Individual and Post Creek Individual C allotments. Issues of concern include juniper.

Allotment: Ferriers Gulch (10141)

Pasture: Ferriers (01)

Operator Information : Carl Mc d'Roe

Active AUMs: 28; Suspended AUMs: 26

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply upland (improve) objectives.

Data Summary: Short-term upland trend is static (plot established in 1995). Juniper invasion may become an issue. There is no other data. No issues of concern have been identified in this pasture.

Allotment: Clover Creek Individual (10210)

Pasture: Clover Creek (01)

Operator Information: Charles Wilcox

Active AUMs: 248; Suspended AUMs: 205

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply wildlife (improve), riparian (improve) and upland (improve) objectives.

Data Summary: The upland watershed function and ecological processes are in properly functioning condition. Special status species (sage grouse leks) are an issue of concern.

Allotment: West Clover Creek (10213)

Pasture: West Clover (01)

Operator Information:

	Active AUMs	Suspended AUMs
Rick Wilcox	23	20
William Rupp	212	180

Past Objectives: None

New Objectives: The long-term objective is to improve ecosite condition to attain late condition or DRFCs. Apply upland (improve) objective.

Data Summary: The upland watershed function and ecological processes are in properly functioning condition. Beaver Dam Creek WSA (394 acres) lies within this pasture. Juniper invasion is an issue of concern.

insert Map Bully Creek Landscape Area C Allotments