APPENDIX 8

VEGETATION AND LIVESTOCK MANAGEMENT

CONTENTS:

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VEGETATION INVENTORY HISTORY AND ECOLOGICAL CONDITION

Forage surveys were conducted in a portion of the Three Corners Planning Unit in 1958, and in the Ashley Unit in 1960, Diamond Mountain forage survey was completed in 1978. The Ocular Reconnaissance Method was used in all cases and determined grazing capacity estimates through vegetation density and composition ocular estimates.

In December 1982, the BLM adopted as its principal rangeland inventory method the Range Site Inventory procedure described in the Soil Conservation Service (SCS) *National Range Handbook.* This procedure involves the correlation of a soil series to a specific range site. A range site is a distinctive kind of rangeland that differs from other types of rangeland in its ability to produce a characteristic natural plant community. The species composition and total production levels vary between range sites, providing different potentials, objectives, and stocking capabilities for each specific plant community.

Ecological conditions of the resource area were estimated using existing ocular reconnaissance data (the "Utah-2s range condition record") collected in conjunction with the Uintah, Diamond Mountain, and Henry's Fork soils surveys completed in partnership with the U.S. Soil Conservation Service between 1978 and 1989. The estimates of species' composition by weight, in relation to the applicable standardized ecological site description's climax community composition (as outlined by the SCS), allowed for the determination of the present ecological condition. For example, if 25% or less of the theorized "potential" climax community was present at the time of the data collection, then an ecological condition of "early" was assigned; if between 26-50%, then a mid-seral condition was assigned; if between 51-75%, then "late", and if greater than 76%, then an ecological condition of "climax" was assigned. Those public lands not falling into one of these classes (i.e., badlands and rock outcrop) are included in the "Undetermined" category.

Present ecological condition by allotment is summarized in Table A8-1. Of the total 655,273 acres mapped, 1% is in Potential Natural Condition/climax, 27% in late, 67% in mid, and 6% in early ecological seral stage.

Ecological condition is dependent on many variables and their associations with each other and is highly complex. Range conditions are dynamic and are influenced by both controlled and uncontrolled variables. Vegetation site potentials change due to past conditions. Ecological condition ratings are approximate and are used as a tool for evaluating management towards attaining desired goals (W.H. Moir, 1989). Maximum vegetation diversity, often the most desirable objective for livestock and most species of big game in the resource area, occurs frequently not at climax but in the mid to late seral stages.

Squawbush

Allotment Name	Allot. No.	Mgmt. Catgy	Permittee	Current Season of Use From To	Class Live-Stock	Live-Stock Pref. AUMs	Susp'd AUMs
Antelope Powers	15879	I	E. Moon & Son (Lee)	1201 0420	Sheep	3421	1372
Aunt Knoll	15807	I	Strawberry River Livestock Inc.- Chad Peatros	1101 0120	Sheep	729	231
Argyle Ridge	04873	M	L & L Bryner J & L Oliver-Wimmer Dave & Vilate Terry	0516 1015 0601 1015 0615 1115	Cattle Cattle Cattle	540	220
Asphalt Ridge	05807	C	G. Sprouse	0111 0208	Cattle	26	15
Bates Spring	14823	C	C. McKeachnie	0511 1110	Sheep	67	
Bealer Basin	14806	M	G & E Holmes-Buist	0515 1031	Cattle	246	159
Big Wash*	05881	I	O J & A N Moon	0301 0310 1116 0228	Cattle	980	
Big Wash Draw	15885	I	E C Smith	1101 0228	Cattle	516	
Blair Basin	14824	C	Searle Bros.	0615 1001	Cattle	15	
Bridgeport	14805	I	Willow Cr. Land & Lvstk	0411 0530	Cattle	139	
Browns Park (Colo)[6]	C4806	C	Lazy VD L & Lvstk	1201 0430	Cattle	530	
Brush Creek	04858	I	L E McNeil D A Soderquist J W Shield	1101 0205 0506 0605 0506 0605 0506 0605	Cattle Cattle Cattle	884	
Bull Canyon	04878	M	G & G Fasselin	1101 0228 0301 0430	Cattle	1000	1000
Canal	15816	M	N K Huber	1205 0215	Cattle	224	
Castle Peak*	05886	I	L W (Lamont) Moon	1101 0420	Sheep	2903	897
Clay Basin*	14802	I	L Myers	0301 0320 0301 0430 0421 0531 1001 1031 1101 0228 1110 0228	Cattle Horses Cattle Cattle Cattle Horses	384	
Clay Basin Meadows*	14804	I	Allen Livestock Inc.	1001 1201	Cattle	365	
Coal Mine Basin*	4885	M	R S & R C Hacking	1115 1230 0501 0615	Cattle	720	
Cooper Draw	4835	M	N Holmes & Sons	0516 0630 0916 1030	Sheep	344	
Cottonwood Springs*	04853	I	G Sprouse Blue Diamond Oil	1120 0110	Cattle	945	382
Cove & W Cow Hollow	14817	C	R S & R C Hacking	0601 1031	Cattle	277	
Current Canyon	04877	I	W G Parrot	1101 0228 0301 0330	Cattle	240	240

COMPREHENSIVE GRAZING ALLOTMENT INFORMATION

Current Acreage				Fed ACS/ AUM	Current Ecological Condition [5] (Seral Stage) (Pct Public Acres)				Year Monitoring Established		Existing Range Improvements						[4] Veg TrtmA UM
Fed	Sta	Pvt	DWR		E	M	L	PNC /C	Rng	Wldlf	Fnc Mi	Spg	Guz	Pln	Tr	Res	
39559	4192			12	1	57	42		1957	1989	1.2					20	0
5477	1200			8		100			1981								28
9341	1173	8123		17	2	47	51		1981	1987	4.3						0
545	7111	495		21		26	74										
339		879		5		46	54		1990								
1813		1051		7		46	54		1990								14
4571	762			5	93 [7]	6	1		1982	1987	8.1						40
7384	979			14	2	98 [7]			1969	1986	3.5						82
384		1018		26		100											0
9179	678	728	111	66		94	6		1982	1985	1						96
5625	1280	160				81	9		1971		1						140
14133	1607	645		16	2	53	45		1982	1981	15		1	3	2	25	100
15974	651	467		16	2	83	15		1982		2.5						54
2633	653	769		12	2	86	12				2.4						0
36278	5632	17		12	5	90	5		1957		5					18	41
11081	617	184	1329	29		70	26	4	1967		2	3		0.7	1	115	21
4264	278	689		12		62	38		1967		4	2				3	55
4615	534	1162		6		100 [7]			1967		4.6						161
2358		617		7		97 [7]	3		1981								0
13688	2580	195		15	10	54 [7]	36		1967		7.6	1		1.2	2	5	130
2057	2391	11		7		33	67		1990		0.7						14
6433	462	184		27		24	76		1982		3.3						55

Allotment Name	Allot. No.	Mgmt. Catgy	Permittee	Current Season of Use From	To	Class Live-Stock	Live-Stock Pref. AUMs	Susp'd AUMs
Deep Creek	04884	C	R E & H Jensen	0525	1024	Cattle	8	
Devil Canyon	04882	M	G & G Fasselin	1101	0430	Cattle	1368	1352
Diamond Mountain	04837	I	F Cook Estate J W Chivers	0501 0916 0501 0916	0630 1031 0630 1031	Cattle Cattle	788	
Diamond Rim	04861	I	W.B. Searle	0401 1101	0531 1231	Horses	120	
Dinosaur Park	04867	C	A & N Kidd D Karren	0414 1205	0515 0104	Cattle Cattle	103	
Donkey Flat*	04859	I	L E McNeill I Sadlier Colton Ranch Inc.	0515 0516 1201 0501	0531 0530 1205 0531	Cattle Cattle Cattle Cattle	402	
Dry Creek (Colo)[2]	04890	M	Dr & Mrs J Allen	0516	1030	Cattle	275	
Dry Fork	04854	I	Dwayne Holmes	0520	1022	Cattle	470	
E. Cow Hollow	14822	C	N B Rasmussen	0601	1031	Cattle	50	
E. Huber	15811	M	N Holmes & Sons	1216	0430	Sheep	1048	167
E. Little Mtn*	04845	I	G Huber	0516	1015	Cattle	265	70
Eight Mile Flat	05887	M	Strawberry River Livestock Inc. - Chad Peatros	1101	0401	Sheep	1520	1274
Five Mile	04874	I	G & G Fasselin J & G Bedwell Bill & Jenni Fasselin M W Burdick	1101 1201 0301 0201	0228 0301 0430 0228	Cattle Cattle Cattle	1056	1034
Flynns Point	04889	C	Randy Searle	0515	1031	Cattle	40	
Gadsen	04881	C	M G Jackson	0516	1031	Cattle	57	43
Gadsen Draw	14810	C	R Anderson	0501 0916	0630 1031	Sheep	106	
Goslin Mtn.*	14803	M	Blue Diamond Oil	0501	1120	Cattle	2521	
Green River Bottoms*	15878	M	G L & J Hadden	0510	1031	Cattle	330	132
Green River (PRRA)[1]	04049	I	Jim Wilcox	0201	1015	Cattle	185	
Hacking	04850	C	E & C Investment Co. E & C Gardner	0501 1001	0530 1030	Cattle Cattle	62	32
Halfway Hollow	15808	M	Blue Diamond Oil G. Sprouse	0223	0304	Cattle	154	61
Hatch Cove	04834	M	C L Oldaker S L & R Boren	0515 0516	1031 1015	Cattle Cattle	281	
Holmes-Palmer	15810	C	N Holmes & Sons	1101	1215	Sheep	129	174

COMPREHENSIVE GRAZING ALLOTMENT INFORMATION

Current Acreage				Fed ACS/ AUM	Current Ecol. Condition [5](Seral Stage) (Pct Public Acres)				Year Monitoring Established		Existing Range Improvements						[4]Veg Trtm AUM
Fed	Sta	Pvt	DWR		E	M	L	PNC/C	Rng	Wldlf	FncMi	Spg	Guz	Pln	Tr	Res	
234	172	595		29		7	93		1974		1.5						0
14823	1957	267		11		83	17		1982		2.5						0
5721	2591	6683		7	1	65	34		1981		0.1		1	4	1	6	14
2535	6			21		96[7]	4		1981	1982							28
1429	1190	478		14		100										2	14
5510	300	55		14		80	20		1967		11.2		1			6	55
6147		800				82	19		1974								42
5154	1134	1312		11	2	83	6	9	1983		1.5						40
528	6	1507		11	14	82	4				0.5						0
16663	2174	195		16		77	23		1982							15	0
2580	172	973		10		100[7]			1968		10		1				28
22629	2085	2580		15	1	96	3		1957		7.6					12	0
13205	1918	512		13	7	76[7]	17		1982	1987	9.5		2			15	96
289	601	929		7		40	60										0
1056	33	2052		19		13	87		1989		1.5						0
1329	22	2602		13		82	18				0.1						0
16874	1740	504	1167	10		39	57	4	1967	1985	11	1		3	3		56
6272	456	839		19	19	80	1		1981		1.6						0
3706																	0
656		28		11	8	35	57										0
3386	6670	334		22		75	25		1982		3					2	0
2891	289	450		10		28	72		1981		0.7					2	42
1707	2680	267		13	24	34	42				2.4					1	10

Allotment Name	Allot. No.	Mgmt. Catgy	Permittee	Current Season of Use From	To	Class Live-Stock	Live-Stock Pref. AUMs	Susp'd AUMs
Horseshoe Bend*	05814	I	V D & D M Massey	0501	0915	Cattle	145	
Hoy Flat (Colo)[2]	04840	M	Pease, Martin & Sutton	0511	1031	Cattle	315	
Hoy Mountain*	14815	I	D & C Boren	0516 0516	1030 1030	Cattle Horses	568	
Island Park	04870	I	W L Staley	0301 1101	0430 0228	Cattle	35	
Jackson-Crouse-Dry Hollow	14812	M	C W McCoy Sheep Co.	0505	1110	Cattle	980	
Johnson	04851	C	O W Johnson	0520 1101	0619 1130	Cattle	86	
Kyune I (PRRA)[1]	04128	M	J,J,D Jensen	0601	1030	Cattle	53	
Lambson-Crouse-Davis[3]*	14818	M	R H & L Siddoway	0506 0901	0705 1105	Sheep	572	
Lears Canyon	04875	I	J D & L Oliver-Wimmer J H & N L Wimmer M W Burdick	0515 0601	1015 0715	Cattle Cattle	308	895
Little Brush Creek	04865	C	B & L Nielson	0501	0930	Horses	15	
Little Desert*	05880	I	D J & A N Moon	0301 1116	0415 0228	Sheep Sheep	2564	1240
Little Hole	14811	I	R Hunting	0516	1015	Cattle	330	
Log Cabin	04830	C	Diamond Mtn. Assoc. J R Siddoway	0601	1015	Cattle	58	
Mame Hole-Bear Hollow	04816	C	G & M Hacking	0510	1026	Cattle	140	
Mail Draw	14826	M	Green River Cattle Co. H Wilkins	0516	1031	Cattle	86	
Marshall Draw[3]	14814	M						
Max Canyon (PRRA)[1]	14073	C	G & G Fasselin				5	
McCoy Flat	05805	M	Vernon Richens A D Atwood	1216	0315	Sheep	843	433
McFarley Flat	04863	M	S Rasmussen	1101 0401	0117 0430	Cattle	418	
McKee Spring	14825	C	J Drollinger	0601	1130	Cattle	170	
Mosby	04847	M	D D Jenkins	0601	0831	Cattle	220	
Natural Lake	14820	C	J Siddoway L & I	0601 0901	0701 1101		100	
Oden	04880	C	Scott Baese	1101	0331	Cattle	2	

COMPREHENSIVE GRAZING ALLOTMENT INFORMATION

Current Acreage				Fed ACS/ AUM	Current Ecol. Condition [5](Seral Stage) (Pct Public Acres)				Year Monitoring Established		Existing Range Improvements						[4]Veg TrtmA UM
Fed	Sta	Pvt	DWR		E	M	L	PNC/C	Rng	Wldlf	FncMl	Spg	Guz	Pln	Tr	Res	
2163	2680	267		13	24	34	42		1970		2.4					1	10
8445		1560		27					1989								42
3480	445	1490		6		52	8	40	1969		5.2						56
7350	1156	200		210		53[7]	47		1979				2				69
9602	1840	6904		10	8	40	52		1974		4	4				8	130
823	128	200		10		100					1						28
1235																	0
3892	233	1095	2102	7	16[7]	22	62		1984								31
8885	828	962		29	5	74	21		1989		1.1						28
							100										0
43323	5810			17	2	70	28		1957		8.5					15	28
6755	345		667	20		69	31		1987		1.3	2		0.5	4	6	137
640		111		11			100										0
1452	83	1340		10		33	67		1990								28
817		311		10		88	12		1988		1						0
5404	1018	72	2241	11		9	90	1	1990		0.7						42
115																	0
12604	4737	1201		15	1	78	21		1984								0
7556		222		18	16	69	15		1982		1.3	5	1	2			58
795		2330		5		10	90		1967		0.7						28
2152	300	111		10	50[7]	17	29	4	1982	1981	0.8	3		2.5	3		0
801		1974		8		71	29	100	1990								0
11	66	1		6			100										0

Allotment Name	Allot. No.	Mgmt. Catgy	Permittee	Current Season of Use From To	Class Live-Stock	Live-Stock Pref. AUMs	Susp'd AUMs
Offield Mtn. (Colo)[2]	04841	M	F L Massey	0511 1031	Cattle	255	
Ouray Road	15802	M	W E Brown	0511 0610 0903 1014 1101 1231	Cattle	857	
Ouray Valley	15815	C	W Cattle Mgmt Inc	0601 0930	Cattle	30	
Paddys Gap	04860	I	Colton Ranch Inc B Hatch	1206 0105 0412 0430 1215 0125	 Sheep	291	
Parley Canyon	04883	I	D & V Terry G & G Fasselin	0801 1001 1101 1201	Cattle	355	357
Pelican Lake	05812	M	Blue Diamond Oil G. Sprouse	0403 0429		544	
Perry	04852	I	M Huber	0501 0630	Cattle	96	
Powell/Sadlier	04872	C	L E McNeill I Sadlier	0416 0515	Cattle	165	
Red Creek Flat[3]*	04809	I					
Red Mountain	04857	M	Gibson Ranch L C Taylor D Rasmussen	0505 0604 0503 0602 0415 0531 0901 1018	Cattle Cattle	275	
Rich & Stetson	15801	C	N Holmes & Sons	0501 0510	Sheep	65	29
Ruple Cabin*	14833	I	R S & R C Hacking UBGA	1001 1010 0601 1001	Cattle Cattle	2434	10
Rye Grass[3]	14807	M					
S J Hatch*	04862	I	L Siddoway L Karren	0301 0505 1101 0228	Sheep	1681	62
School Bus Draw	04838	M	Richard Pedersen	0515 0726	Cattle	180	
Sears Canyon[3]	14809	M	L Siddoway	0510 0620 0910 1010	Sheep		
Serviceberry Spring	04828	C	D M Walker R O Walker	0516 1031 0516 1031	Cattle Cattle	113	
Shindy*	04849	M	R S & R C Hacking	0501 0531	Cattle	68	
Shiner*	04869	I	F Cook Estate J W Chivers	1101 0430 1101 0430	Cattle Cattle	3000	
Shiner (Colo)[2]	04842	C	D Karren	0516 1025	Cattle	177	
Smelter Springs	04848	C	M R & O C Todd	0516 1031	Cattle	24	
S. Pot Creek[2]* (Colo)	04843	I	S Rasmussen	0515 0930	Cattle	877	
Spring Creek	04856	I	L C Taylor D B Murphy Dean Johnson	0503 0602 0516 0530 1116 1215	Cattle Cattle	196	

COMPREHENSIVE GRAZING ALLOTMENT INFORMATION

Current Acreage				Fed ACS/ AUM	Current Ecol. Condition [5](Seral Stage) (Pct Public Acres)				Year Monitoring Establish		Existing Range Improvements						[4]Veg Trtmt AUM
Fed	Sta	Pvt	DWR		E	M	L	PNC/C	Rng	Wldlf	Fnc Ml	Spg	Guz	Pln	Tr	Res	
7305		965		29					1989								42
16958	1201	1062		20	4	82	13		1969		0.1					10	0
489		350		16		90	10				0.5						0
3820	323			13	11	83	6		1990	1990	6.8					20	56
14728	1168	773		45	3	53	44		1981		2.7		1			6	35
6461	684	523		12	22	62	3	13	1990		2.7					10	0
1629	1006	1646		17		84	16		1983	1982	0.5						62
2124	11	17		13	3		97										0
8212	1346	111		11		69	31		1967	1985	9			0.5	1		80
6661	1079	3225		24	3	69	3	25	1984	1981	1.5						28
600	11	6		9	9	17	74										0
12004	1006	2075		5		62	35	3	1967		14		2			20	63
3386	506	395	867	3		49	51		1967	1985							42
24903	2897	817		15	9	69	22		1981	1981	8.8						83
1529		667		8		9	91		1989								28
5021	206		784		13[7]	60	27										42
1974	111	2863	773	18		77	23		1990								0
1913	323	17		28		95[7]	5		1971		3	1					83
38697	3703	2135		13		48	52		1973	1985	3.7	2	2			35	137
1440		2835		8		100											0
384	128	195		16		23	75	2	1974		1.5						0
6213		800		7					1974		0.2						42
4164	1918	1657		21	9	80	2	9	1974		0.6		2				0

Allotment Name	Allot. No.	Mgmt. Catgy	Permittee	Current Season of Use From	To	Class Live-Stock	Live-Stock Pref. AUMs	Susp'd AUMs
Smokem-up	04817	C						
Stone Cabin* (PRRA)[1]	04109	I	G & G Fasselin	0501	0930	Cattle	2	
Sulfur Canyon (PRRA)[1]	04111	C	G & G Fasselin	0501	1015	Cattle	158	
Taylor Flat[3]	04808	I						
Three Corners	14800	M	Raftopoulos Bros.	0801	0930	Cattle	167	
Twelve Mile	15813	M	Blue Diamond Oil G. Sprouse	0209	0222	Cattle	316	58
Twin Knolls	04891	M	A Moon & Sons	1116	0310	Cattle	596	369
N. Warren Draw	14813	M	U Gardiner C & K Gardiner	0515 0515	1031 1024	Cattle Cattle	190	
S. Warren Draw	14827	M						
Water Canyon #1	04876	M	A Leautaud	0516	0930	Cattle	153	82
Water Canyon #2	04879	M	J D Wilcox	0216	0228	Cattle	138	260
Watson[3]	04804	I						
Wells Draw	15884	I	A N Moon & Sons	1201 0301	0228 0415	Sheep Cattle	814	406
W. Huber	15803	M	G Huber W E Brown	0401 0501 0511	0430 0601 0610	Cattle Cattle Cattle	402	61
W. Little Mtn	04846	I	K Huber	0516 1010	0615 1204	Cattle Cattle	124	
W. Pelican Lake	04886	C	J B Jenkins	1101	0331	Cattle	251	
W. Pot Creek	04829	C	M McCarrel	0518	1017	Cattle	107	
Wetlands*	15877	I	R Lamb Bar F Partnership	0301 0416 1016 0216 0516	0415 0605 0215 0228 0215	Cattle	1096	365
Wild Mtn[2] (Colo)	04844	M	R S & R C Hacking A & H & VE	0610 0601 0601	0910 0930 1031	Cattle	249 20	65
Wilkerson	04887	C	R C Wilkerson	0601	1015	Cattle	15	
Willow Creek	14801	I	Lazy VD L Lvstk.	0516	0930	Cattle	501	
Willow Springs	04885	M	E R & C Gardiner	0515	1031	Cattle	93	
Young	15809	M	Blue Diamond Oil G Sprouse	0305	0402	Cattle	535	

FOOTNOTES:
* - Current AMP
1. The preference represents Diamond Mountain lands. These allotments are administered by Price River R.A. The planning is the responsibility of Vernal District.
2. The grazing on these (approx. 24,000 acres) allotments is administered by Diamond Mountain R.A. and the planning is the responsibility of the Craig District (Little Snake) R.A.
3. Allotments where preference is retired or nonrenewable is as follows: Red Creek Flat, Taylor Flat, Watson, Rye Grass, Marshall Draw, S. Warren Draw, and Sears Canyon.

COMPREHENSIVE GRAZING ALLOTMENT INFORMATION

Current Acreage				Fed ACS/ AUM	Current/Objective Ecol. [5](Seral Stage) (Pct Public Acres)				Year Monitoring Established	Existing Range Improvements						[4]Veg TrtmA UM
Fed	Sta	Pvt	DWR		E	M	L	PNC/C	Rng Wldlf	FncMl	Spg	Guz	Pln	Tr	Res	
																0
320																0
4116																0
5371	917	373	728	10	16[7]	74	10		1967 1985	7.5			3	2		42
1079	306	723		13		23	77		1988		1			1		14
4909	495			11	2	95	3		1982	4					4	0
6033	979			10		39	61		1989						20	0
4081	339	1557	33	22	9	87	4		1990	1.4						42
3186	406	1496	2235			54	46									42
1095	612	2508		7		21	79		1981		2					0
5060	751	1001		37		83	17		1982	5.5						0
6672	767	6	645	34	11[7]	44	45		1967	1			1.5	1	2	28
9596	1284	50		12	4	95	1		1982 1987	2.1					20	56
4081	867	2324		10	3	97			1982							0
1157	395	1668		9		87	13			10						74
2257	6	56		9	7	65	26	2	1990	1.5						0
1368	133	1565		13		95		5								28
17915	1796	695		15	22	63	15		1957 1974	26						0
4679	858	319		19		99	1		1974	1.5						42
200				13		23	68	9								0
6322	3859	2052		10		51	46	3	1989	2					6	140
917	11	445		11			100		1968							0
7927	963	887		15		9	75	16	1982	2.7		1			10	0

4. Additional estimated AUMs from Range Improvements which could be allocated to wildlife, livestock, or watershed.
5. Seral stage: E=Early; M=Mid; L=Late; PNC/C=Potential Natural Community/Climax.
6. Allotments which are located partially in Diamond Mountain R.A. but grazing is administered by Colorado (Craig District), Little Snake R.A.
7. Acres are in early seral stage due to vegetation manipulation of pinyon-juniper stands to provide more forage and diversity.

TABLE A8-2:
EXISTING RIPARIAN INFORMATION BY GRAZING ALLOTMENT

	PRESENT RIPARIAN STATUS				
Allotment Name	Name	Miles	Priority	Ecological Stage	Year Rip. Mon. Est.
Antelope Powers					
Aunt Knoll					
Argyle Ridge					
Asphalt Ridge					
Bates Spring					
Bealer Basin					
Big Wash					
Big Wash Draw					
Blair Basin					
Bridgeport	U. Green River	8	1	Mid	1990
Browns Park (Colo)	U. Green River	0.5	1	Mid	
Brush Creek	Brush Creek	1.5	19	Early	1990
Bull Canyon	Nine Mile Creek	5	13	Mid	1990
Canal					
Castle Peak					
Clay Basin	Clay Basin Creek	3	5	Early	1990
Clay Basin Meadows	Clay Basin Creek	1	5	Early	1990
Coal Mine Basin					
Cooper Draw					
Cottonwood Springs					
Cove & W. Cow Hollow					
Current Canyon					
Deep Creek					
Devil Canyon	Nine Mile Creek	4	13	Mid	1990
Diamond Mountain	Diamond Gulch	7	9	Mid	1990
Diamond Rim					
Dinosaur Park					
Donkey Flat	Little Brush Creek	2	3	Mid	1989

TABLE A8-2: (Continued)
EXISTING RIPARIAN INFORMATION BY GRAZING ALLOTMENT

	PRESENT RIPARIAN STATUS				
Allotment Name	Name	Miles	Priority	Ecological Stage	Year Rip. Mon. Est.
Dry Creek (Colo)					
Dry Fork	Dry Fork Creek	2	29	Late	1990
East Cow Hollow					
East Huber					
East Little Mountain					
Eight Mile Flat	Pariette Wash	6	10	Mid	
Five Mile					
Flynns Point					
Gadsen					
Gadsen Draw					
Goslin Mountain	Martin Draw Grindstone Wash Red Creek	4 5 4	12 9 4	Early Mid Early	1989
Green River Bottoms	Lower Green River	6	2	Early	1984
Green River (PRRA)					
Hacking					
Halfway Hollow					
Hatch Cove					
Holmes-Palmer					
Horseshoe Bend	Lower Green River	1	2	Early	1990
Hoy Flat (Colo)					
Hoy Mountain					
Island Park					
Jackson-Crouse-Dry Hollow	Upper Green River	2	1	Late	1990
Johnson					
Kyune I (PRRA)					
Lambson-Crouse-Davis	Upper Sears Creek	3	20	Late	1990
Lears Canyon	Argyle Creek	2	16	Early	1989
Little Brush Creek					

TABLE A8-2: (Continued)
EXISTING RIPARIAN INFORMATION BY GRAZING ALLOTMENT

	PRESENT RIPARIAN STATUS				
Allotment Name	Name	Miles	Priority	Ecological Stage	Year Rip. Mon. Est.
Little Desert	Four Mile Wash Lower Green River	1 6	18 2	Mid Late	1990
Little Hole	Upper Green River Jackson Draw Creek L. Davenport Creek Gorge Creek	5 1 1 1	1 23 24 25	Mid Mid Late Late	1989
Log Cabin					
Mame Hole- Bear Hollow					
Mail Draw					
Marshall Draw					
Max Canyon (PRRA)					
McCoy Flat					
McFarley Flat					
McKee Spring					
Mosby	Mosby Creek	1	11	Mid	1989
Natural Lake					
Oden					
Offield Mountain (Colo)					
Ouray Road					
Ouray Valley					
Paddys Gap					
Parley Canyon	Argyle Creek	0.5	16	Early	1989
Pelican Lake	Lower Green River Pelican Lake Draw	2 1.5	2 22	Late Mid	1990
Perry	Deep Creek	0.3	34	Late	
Powell/Sadlier	Lagoon Creek	1	35	Mid	
Red Creek Flat	Upper Green River	5	1	Mid	
Red Mountain	Coyote Creek	1	31	Late	
Rich & Stetson					
Ruple Cabin	Pot Creek	0.2	32	Mid	1990

TABLE A8-2: (Continued)
EXISTING RIPARIAN INFORMATION BY GRAZING ALLOTMENT

	PRESENT RIPARIAN STATUS				
Allotment Name	Name	Miles	Priority	Ecological Stage	Year Rip. Mon. Est.
Rye Grass					
S.J. Hatch					
School Bus Draw					
Sears Canyon	Upper Sears Creek	3	8		
Serviceberry Spring					
Shindy					
Shiner					
Shiner (Colo)					
Smelter Springs	Smelter Creek	0.3	33	Late	
S. Pot Creek (Colo)					
Spring Creek	Spring Creek Ashley Creek	2.5 2	14 21	Mid Mid	1990
Smokem-up					
Stone Cabin (PRRA)					
Sulfur Canyon					
Taylor Flat	Upper Green River Lower Sears L. Tolivers Creek	7 1 1.5	1 7 6	Mid Mid Mid	1990
Three Corners					
Twelve Mile					
Twin Knolls					
North Warren Draw	U. Tolivers Creek	1.5	15	Late	1989
South Warren Draw					
Water Canyon #1					
Water Canyon #2					
Watson	Upper Green River Crouse Creek	4 2	1 30	Mid Late	
Wells Draw					
West Huber					
West Little Mountain					

TABLE A8-2: (Continued)
EXISTING RIPARIAN INFORMATION BY GRAZING ALLOTMENT

	PRESENT RIPARIAN STATUS				
Allotment Name	Name	Miles	Priority	Ecological Stage	Year Rip. Mon. Est.
West Pelican Lake					1990
West Pot Creek					
Wetlands	Lower Green River Pariette Wash	5 4	2 10	Early Mid	1990
Wild Mountain (Colo)					
Wilkerson					
Willow Creek	Upper Willow Creek Lower Willow Creek Birch Creek Beaver Creek Clay Basin Creek	0.2 3 1 1 1	17 28 26 27 5	Early Late Mid Mid Early	1990
Willow Spring					
Young	Lower Green River	1.5	2	Late	1990

FORAGE ALLOCATION HISTORY

Following passage of the Taylor Grazing Act in 1934, grazing allotments were organized and significant reductions in livestock forage allocations implemented. Formal adjudication of grazing privileges were completed from 1958-1967. More than half of the grazing allotments received reductions. For example, more than half the cattle allotments in the Nine Mile Canyon area were reduced by 50% (BLM, 1980).

During this same period, the newly constructed Flaming Gorge Dam, and its resultant reservoir, flooded or covered important big game winter habitat and migration routes. As partial mitigation for these losses, the Bureau of Reclamation purchased private ranch property and conveyed it to the Utah Division of Wildlife Resources for management. This property served as base land for 2,361 federal Animal Unit Months (AUMs) of cattle grazing privileges in the Browns Park area. As a result of this transaction, the Diamond Mountain Resource Area retired the attached grazing privileges on six allotments to partially replace winter forage for big game.

Livestock husbandry and economic factors changed to favor cattle from 1967-1977. Converting from sheep to cattle grazing in the Diamond Mountain and Three Corners areas during this period resulted in a net loss of approximately 3,800 AUMs.

Since the time the Three Corners and Ashley-Duchesne Grazing EISs were completed in 1980 and 1982, livestock preference has continued to decline while wildlife forage use has increased. At the time the grazing EISs were written, livestock preference totaled 55,203 AUMs and wildlife allocations were 21,888 AUMs. Current livestock preference is 50,299 AUMs while current wildlife use totals 27,570 AUMs.

Problems in resource management and possible solutions are identified in Table A8-3. Table A8-4 lists rangeland improvement proposals under each alternative by allotment and Table A8-5 lists priorities for allotment management plan development and/or revisions. Table A8-6 documents the proposed allotment management recategorization for Alternatives B through E.

TABLE A8-3:

PROBLEMS, CONFLICTS, AND OPPORTUNITIES IN RANGELAND MANAGEMENT FOR THE DIAMOND MOUNTAIN RESOURCE AREA

(Numbers refer to key on next 2 pages)

ALLOTMENT	RESOURCE CONFLICT/ PROBLEM
ANTELOPE POWERS	3, 8, 18
AUNT KNOLL	1, 6, 3, 2
ARGYLE RIDGE	2, 4a
ASPHALT RIDGE	
BATES SPRING	11, 3
BEALER BASIN	5, 9, 11
BIG WASH	3, 5, 1, 14
BIG WASH DRAW	1, 7
BLAIR BASIN	11
BRIDGEPORT	4h, 11
BROWNS PARK (UTAH)	2
BRUSH CREEK	1, 4e, 5, 6, 7, 8, 10
BULL CANYON	1, 8, 11
CANAL	
CASTLE PEAK	1, 6, 7, 13, 16, 18
CLAY BASIN	1, 4fq, 7, 11
CLAY BASIN MEADOWS	1, 4f, 5, 6, 9, 11
COAL MINE BASIN	4s, 6, 11, 12, 14, 17
COOPER DRAW	1, 9, 11
COTTONWOOD SPRINGS	1, 6, 10, 17
COVE & WEST COW HOLLOW	5, 6
CURRENT CANYON	1, 6, 11
DEEP CREEK	3
DEVILS CANYON	1, 8, 11
DIAMOND MOUNTAIN	1, 4g, 5, 11
DIAMOND RIM	6, 11, 17
DINOSAUR PARK	1
DONKEY FLAT	1, 3, 4j, 5, 11, 12, 17
DRY FORK	1, 3, 6, 11
EAST COW HOLLOW	
EAST HUBER	1, 8, 13, 16
EAST LITTLE MOUNTAIN	4s, 6
EIGHT MILE FLAT	1, 4o 7, 13, 16, 18
FIVE MILE	5, 6, 7, 8, 11
FLYNNS POINT	
GADSON	
GADSON DRAW	
GOSLIN MOUNTAIN	1, 3, 4imq, 5, 11, 14
GREEN RIVER BOTTOMS	4h, 3, 11
GREEN RIVER (PRRA)	
HACKING	3, 14
HALFWAY HOLLOW	1, 8, 10
HATCH COVE	9, 11
HOLMES-PALMER	
HORSESHOE BEND	1, 3, 4h, 9, 11
HOY FLAT (COLO)	
HOY MOUNTAIN	2, 6, 11
ISLAND PARK	1, 11
JACKSON/CROUSE/DRY HOLLOW	1, 6, 9, 11
JOHNSON	6
KYUNE I (PRRA)	
LAMBSON/CROUSE/DAVIS	4s, 5, 11, 12
LEARS CANYON	4a, 6, 11
LITTLE DESERT	1, 3, 6, 8, 13, 16, 18
LITTLE HOLE	1, 4hs, 6, 11
LOG CABIN	
MAME HOLE/BEAR HOLLOW	6, 11
MAIL DRAW	11
MARSHALL DRAW	1, 4s, 5, 6, 11
MAX CANYON (PRRA)	
McCOY FLAT	1, 10, 13, 16
McFARLEY FLAT	1, 8
McKEE SPRING	3
MOSBY	1
NATURAL LAKE	
ODEN	11
OFFIELD MOUNTAIN (COLO)	
OURAY ROAD	1, 10
OURAY VALLEY	
PADDY'S GAP	1, 6, 7
PARLEYS CANYON	6
PELICAN LAKE	1, 8, 10, 11
PERRY	5, 6
POWELL/SADLIER	1, 10
RED CREEK FLAT	4q, 11, 17
RED MOUNTAIN	2, 4s, 12, 15
RICH & STETSON	
RUPLE CABIN	1, 2, 11, 12
RYE GRASS	6, 11
S. J. HATCH	1, 6, 7, 10, 16
SCHOOL BUS DRAW	4s, 6, 9, 11
SEARS CANYON	6, 10, 11
SERVICEBERRY SPRING	
SHINDY	1, 12, 17
SHINER	1, 6, 8
SHINER (COLO)	
SMELTER SPRINGS	3
SOUTH POT CREEK (COLO)	
SPRING CREEK	1, 4r, 8
STONE CABIN (PRRA)	
SULFUR CANYON (PRRA)	
TAYLOR FLAT	1, 3, 4kl, 6, 11, 12
THREE CORNERS	5
TWELVE MILE	1, 8, 10
TWIN KNOLLS	1, 7
NORTH WARREN DRAW	6, 11
SOUTH WARREN DRAW	6, 11
WATER CANYON #1	
WATER CANYON #2	10
WATSON	1, 11
WELLS DRAW	1, 3, 6, 7
WEST HUBER	1, 8
WEST LITTLE MOUNTAIN	5, 6
WEST PELICAN LAKE	10
WEST POT CREEK	4p
WETLANDS	4h
WILD MOUNTAIN (COLO)	
WILKERSON	
WILLOW CREEK	1, 4ds, 5, 6, 11
WILLOW SPRINGS	3
YOUNG	1, 8

TABLE A8-3 (Continued): KEY TO PROBLEMS AND OPPORTUNITIES

TYPES OF PROBLEMS AND CONFLICTS	MANAGEMENT OPPORTUNITIES
1. Existing water sources are insufficient to allow uniform distribution in the allotment as a whole or are unreliable. Some areas are being over-utilized near existing water; other portions of the allotment are not providing the number of AUMs authorized.	Improve livestock and wildlife distribution by developing additional water projects and/or salting. Implement grazing management systems that would alter traditional grazing patterns and provide for improved distribution of use.
2. Monitoring indicates existing livestock preference exceeds the current production of the vegetation communities involved.	Continue to monitor actual livestock utilization in relation to actual numbers to determine proper carrying capacity. Place excess preference shown by monitoring into suspended preference or non-use. Increase available forage through range improvement practices.
3. Forage estimates indicate that total forage available plus additional forage possible from rangeland improvements appears less than the forage required to meet future objective forage levels for wildlife and livestock preference combined.	Lower wildlife objective levels to meet total forage capabilities. Allow objective wildlife levels to be reached while reducing livestock preference where there is dietary overlap between livestock and wildlife in crucial wildlife habitat. Continue to monitor actual use and utilization to insure allotments are properly stocked.
4. Portions of the one or more of the following riparian areas are in unsatisfactory condition: A. Argyle Creek B. Ashley Creek C. Beaver Creek D. Birch Creek E. Brush Creek F. Clay Basin Creek G. Diamond Gulch H. Green River I. Grindstone Wash J. Little Brush Creek K. Lower Sears Creek L. Lower Tolivers Creek M. Martin Draw N. Nine Mile Creek O. Pariette Wash P. Pot Creek Q. Red Creek R. Spring Creek S. Springs	Improve riparian habitat by implementing grazing systems with grazing deferment, utilization limits, and/or seasons of use conducive for riparian improvement. Exclude riparian areas from livestock grazing. Install fences where needed to control grazing (deferment or exclusion). Install instream structures where needed to stabilize streams. Plant riparian vegetation to accelerate improvement. Control noxious weeds which are encroaching on beneficial plant species.
5. Certain portions of this allotment have excessive sagebrush canopy and/or decadent non-productive, old-age stands of sagebrush or greasewood which reduces vegetation diversity and the amount of desirable forage available for wildlife and/or livestock.	Improve forage quality through the implementation of various vegetation manipulations such as prescribed burning and plowing and seeding (See "Standard Operating Procedures for Rangeland Improvements" later in this Appendix).
6. Certain portions of this allotment contain large amounts of unproductive, closed stands of pinyon/juniper reducing vegetation diversity, ground cover, and the amount of desirable forage available for wildlife and livestock.	Improve forage diversity, quality, and quantity for wildlife and livestock while improving long term watershed stability through prescribed burning or chaining followed by seeding (See "Standard Operating Procedures for Rangeland Improvements" later in this Appendix).
7. Excessive soil erosion is occurring on certain portions of the allotment because of a lack of vegetation cover.	Improve soil stability or highly erosive soils by constructing improvement projects designed to provide watershed stability (See "Standard Operating Procedures for Rangeland Improvements" later in this Appendix).
8. Continuous, early spring grazing on semi-desert winter/spring use allotments is resulting in stress to desirable forage species that require periodic rest during the growing season.	Provide periodic spring grazing rest by implementing grazing systems that rotate spring use. discontinue grazing during spring "green up" on winter/spring allotments. Delay turnout until after seedripe on spring/summer allotments.
9. Continuous grazing during the growing season on summer allotments results in stress to desirable forage species that require periodic rest during the growing season.	Provide periodic growing season rest by implementing grazing systems that rotate growing season use. Delay spring turnout until maximum herbaceous growth is attained.
10. The boundary of the allotment is not fenced or secured by natural boundaries that will control authorized livestock. Livestock occasionally drift into or out of the authorized allotment, resulting in trespass situations.	Control livestock use by constructing boundary fences or additional cross fences.

TYPES OF PROBLEMS AND CONFLICTS	MANAGEMENT OPPORTUNITIES
11. Plant or insect pests are a problem to the vegetative productivity of the allotment.	Coordinate with other affected agencies to control noxious weeds and insect pests.
12. Recreational activities by the public are resulting in gates being left open. This causes livestock to drift in and out of authorized areas.	Install cattle guards in problem locations to minimize livestock drifting.
13. Certain areas used as sheep bedding grounds for too long a period or successively each year is causing localized vegetation degradation.	Rotate sheep bedding grounds each year and limit utilization to 60% maximum.
14. Certain fences in place on cattle allotments are not built to wildlife specifications and inhibit free movement.	Modify fences to meet BLM wildlife specifications.
15. Periodic ORV use within the allotments is resulting in accelerated erosion on areas with fragile soils.	Restrict ORV use to existing road and trails, designated roads and trails, or close areas to ORV use.
16. Desert allotments with shrub vegetation types and grass understory are being utilized by one class of livestock with predominant use on shrubs if sheep are stocked and grass if cattle are stocked.	Periodically rotate class of livestock on allotments where agreements can be reached with permittees, periodically resting vegetation types.
17. Old pinyon/juniper chainings (20 years plus) are re-establishing themselves back to P/J and reducing the vegetation understory. This degrades the watershed, decreases forage production for wildlife and livestock and lessens plant diversity.	Re-establish a mid-seral vegetation stage through vegetation manipulation such as prescribed burning and seeding (See "Standard Operating Procedures for Rangeland Improvements" later in this Appendix).
18. Well pads and roads from oil and gas development are accelerating erosion.	Where possible, install erosion control structures, and use existing roads for new locations of wells. Insure compliance of actual construction of well pads and access roads. Where necessary, relocate proposed access routes and well pad sites located in highly erosive areas.

TABLE A8-4:
RANGELAND IMPROVEMENTS - PROPOSED PLAN AND ALTERNATIVE A

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION						STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	Inter-seed	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Antelope Powers	15879	X								100					
Aunt Knoll	15807	X			200					10					
Argyle Ridge	04873		X								3				
Asphalt Ridge	05807	X													
Bates Spring	14823									1					
Bealer Basin	14806		X								2			.5	
Big Wash	05881			300						20			2		
Big Wash Draw	15885		X[1]				400		200[C]	20	1				
Blair Basin	14824									1					
Bridgeport	14805				600					5	1.5*		1		
Browns Park	04806				800					10				1	
Brush Creek	04858	X[1]		200	300					20	10,1*				
Bull Canyon	04878	X[1]			200					5			3		
Canal	15816									2					
Castle Peak	05886						300			50					
Clay Basin	14802		X							15			1	1	
Clay Basin Meadows	14804		X[1]		300					15	.5*		1	.5	
Coal Mine Basin	04855				1,400					5	.5*		2	.5	
Cooper Draw	04835		X							3	2				
Cottonwood Springs	04853	X			1,300					15			3	4.5	
Cove & W. Cow Hollow	14817									2					
Current Canyon	04877				200		200			5			2		
Deep Creek	04884														

TABLE A8-4 (Continued): RANGELAND IMPROVEMENTS - PROPOSED PLAN AND ALTERNATIVE A

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION						STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	Inter-seed	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Devils Canyon	04882	X[1]								5			2		
Diamond Mountain	04837		X		100					6	.5	2.5	1	4	
Diamond Rim	04861				200										
Dinosaur Park	04867									2				1	
Donkey Flat	04859				200	200			400[P]	15		2	1	1	
Dry Fork	04854	X			200		100			2			2	.5	
E. Cow Hollow	14822														
E. Huber	15811	X								15			1		
E. Little Mountain	04845				200								1		
Eight Mile Flat	05887	X								12			1		
Five Mile	04874	X			200		500			10			2		
Flynns Point	04889														
Gadsen	04881														
Gadsen Draw	14810														
Goslin Mountain	14803			200	200					25	2*		1	3	
Green River (PRRA)[6]	04806									5					
Green River Bottoms	15878												1		
Hacking	04850												1		
Halfway Hollow	15808	X								2					
Hatch Cove	04834				200					2					
Holmes-Palmer	15810														
Horseshoe Bend	05814		X					200			1.5*		1		
Hoy Mountain	14815				200							.5		.5	
Island Park	04870				500					5			2		

TABLE A8-4 (Continued): RANGELAND IMPROVEMENTS - PROPOSED PLAN AND ALTERNATIVE A

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION						STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	Inter-seed	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Jackson/Crouse/Dry Hollow	14812		X[1]		900					15			2		
Johnson	04851				200					2					
Kyune I[6] (PRRA)	04129														
Lambson/Crouse/Davis	14818				150					5					
Lears Canyon	04875				200										
Little Brush Creek	04865														
Little Desert	05880	X								25			2		
Little Hole	14811		X[1]		1,000					6	1*		2	.5	
Log Cabin	04830														
Mame Hole-Bear Hollow	04816				200					3					
Mail Draw	14826				200					3					
Marshall Draw	14814			200	200					3					
McCoy Flat	05805									15			1		
McFarley Flat	04863	X			200						1.5		4	1	
McKee Spring	14825				200					3					
Mosby	04847		X[1]										3	2.5	
Natural Lake	14820														
Oden	04880														
Ouray Road	15802									15		9			
Ouray Valley	15815														
Paddys Gap	04860				400					20					
Parley Canyon	04883				100		100			6			1		
Pelican Lake	05812	X								10			1		
Perry	04852				450					5					

TABLE A8-4 (Continued): RANGELAND IMPROVEMENTS - PROPOSED PLAN AND ALTERNATIVE A

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION						STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	Inter-seed	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Powell/Sadlier	04872									2					
Red Creek Flat	04809				800					15				.5	
Red Mountain	04857				200								1		
Rich & Stetson	15801									2					
Ruple Cabin	14833			500						10			2		
Rye Grass	14807				300										
S.J. Hatch	04862				300					10					
School Bus Draw	04838				200					2	2*				
Sears Canyon	14809				300										
Serviceberry Spring	04828														
Shindy	04849			100	500								1	.5	
Shiner	04842		X		1,000					35	2		4	3	
Smelter Springs	04848														
Spring Creek	04856	X									.5		2		
Stone Cabin (PRRA)	04109														
Sulfer Canyon (PRRA)	04111			200						2					
Taylor Flat	04808		X		300						2			2	
Three Corners	14800			200						2			1		
Twelve Mile	15813	X								4			1		
Twin Knolls	04819									20					
N. Warren Draw	14813				200					5					
S. Warren Draw	14827				200					3					
Water Canyon #1	04876												2		
Water Canyon #2	04879														

TABLE A8-4 (Continued): RANGELAND IMPROVEMENTS - PROPOSED PLAN AND ALTERNATIVE A

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION						STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn [3]	Burn & Seed [2]	Chem.	FrwdH vst	Inter-Seed	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Watson	04804				200					2				1.5	
Wells Draw	15884				200				200 [C]						
West Huber	15803	X								2					
W. Little Mountain	04846				400	250									
W. Pelican Lake	04886											1			
W. Pot Creek	04829				200						.2				
Wetlands	15877										3*				
Wild Mountain	04844														
Wilkerson	04887														
Willow Creek	14801				800					10					
Young	15809	X								15	5		1	5	1
TOTALS				1,900	18,000	450	1,600	200	800	687	42.7	15	63	34.5	1

* - Fencing to improve riparian habitat.
P - Plow and Seed
C - Contour Furrow & Seed
1 - Possible Allotment Management Plan Development.

2 - Predominantly P/J. If pinyon/juniper areas will not carry a fire, chaining may be substituted.
3 - Predominantly sagebrush. If sagebrush understory will not carry a fire, chemicals may be substituted for control.

4 - Includes division, boundary, and exclosure fences.
5 - A preferred treatment method is selected for each allotment.
6 - Allotments where grazing is administered by Price River Resource Area.
7 - Commercial and personal firewood cutting/seeding.

TABLE A8-4 (Continued): RANGELAND IMPROVEMENTS - ALTERNATIVE B

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION					STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn [3]	Burn & Seed [2]	Chem.	FrwdH vst	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Antelope Powers	15879	X							20					
Aunt Knoll	15807	X			100				10					
Argyle Ridge	04873		X							6*,3				
Asphalt Ridge	05807													
Bates Spring	14823													
Bealer Basin	14806		X							2				
Big Wash	05881								20					
Big Wash Draw	15885		X[1]				200	200[P]	20	1				
Blair Basin	14824													
Bridgeport	14805				300				5	1.5*				
Browns Park	04806								10					
Brush Creek	04858	X[1]			150				20	10,1*				
Bull Canyon	04878	X[1]							5					
Canal	15816								2					
Castle Peak	05886						150							
Clay Basin	14802		X						15	3*		3	1	
Clay Basin Meadows	14804		X[1]		150				5	5*		1	.5	
Coal Mine Basin	04855			150	700				5	.5*			.5	
Cooper Draw	04835		X						3	2				
Cottonwood Springs	04853	X			650				5			1	1.5	
Cove & W. Cow Hollow	14817			100										
Current Canyon	04877				100				5	.5*				
Deep Creek	04884									2.5*				

TABLE A8-4 (Continued):
RANGELAND IMPROVEMENTS - ALTERNATIVE B

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION					STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Devils Canyon	04882	X[1]							5					
Diamond Mountain	04837		X		100				6	.5	2.5	1	4	
Diamond Rim	04861				100									
Dinosaur Park	04867			100					2		1		1	
Donkey Flat	04859				200	200			6		2	1	1	
Dry Fork	04854	X			200		100		2			2	.5	
E. Cow Hollow	14822													
E. Huber	15811	X							15					
E. Little Mountain	04845											1		
Eight Mile Flat	05887	X[1]							12	20*		1		
Five Mile	04874	X[1]			100		250		10			2		
Flynns Point	04889													
Gadsen	04881													
Gadsen Draw	14810													
Goslin Mountain	14803			200	100				15	12*		1	3	
Green River (PRRA)[6]	04806								5					
Green River Bottoms	15878													
Hacking	04850											1		
Halfway Hollow	15808								2					
Hatch Cove	04834	X			100				2					
Holmes-Palmer	15810													
Horseshoe Bend	05814		X						1	1.5				
Hoy Mountain	14815			200	100						.5			
Island Park	04870				250							2		

TABLE A8-4 (Continued): RANGELAND IMPROVEMENTS - ALTERNATIVE B

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION					STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Jackson/Crouse/Dry Hollow	14812	X[1]		200	350									
Johnson	04851				100				2					
Kyune I[6] (PRRA)	04129													
Lambson/Crouse/Davis	14818								5					
Lears Canyon	04875													
Little Brush Creek	04865													
Little Desert	05880	X			100				15			2		
Little Hole	14811		X[1]		400				6	1*		2	.5	
Log Cabin	04830													
Mame Hole-Beau Hollow	04816				100				3					
Mail Draw	14826								3					
Marshall Draw	14814								3					
McCoy Flat	05805								5			1		
McFarley Flat	04863	X								3		6	1	
McKee Spring	14825				100				3					
Mosby	04847		X[1]							2*		3	2.5	
Natural Lake	14820													
Oden	04880													
Ouray Road	15802								10		9			
Ouray Valley	15815													
Paddys Gap	04860				200				20					
Parley Canyon	04883								6			1		
Pelican Lake	05812	X							10			1		
Perry	04852				200				5					

TABLE A8-4 (Continued): RANGELAND IMPROVEMENTS - ALTERNATIVE B

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION					STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Powell/Sadlier	04872								2					
Red Creek Flat	04809				200						2		.5	
Red Mountain	04857				100							1		
Rich & Stetson	15801													
Ruple Cabin	14833				100				10			2		
Rye Grass	14807													
S.J. Hatch	04862				100				10					
School Bus Draw	04838				100				2	3*				
Sears Canyon	14809													
Serviceberry Spring	04828													
Shindy	04849			200	250							1	.5	
Shiner	04842		X		300				35	2		4	3	
Smelter Springs	04848													
Spring Creek	04856	X								5		2		
Stone Cabin (PRRA)	04109													
Sulfer Canyon (PRRA)	04111			200					2					
Taylor Flat	04808		X		150								2	
Three Corners	14800								2			1		
Twelve Mile	15813	X							4			1		
Twin Knolls	04819								20					
N. Warren Draw	14813								5					
S. Warren Draw	14827								3					
Water Canyon #1	04876											2		
Water Canyon #2	04879													

TABLE A8-4 (Continued):
RANGELAND IMPROVEMENTS - ALTERNATIVE B

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION					STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Watson	04804				100				2				1.5	
Wells Draw	15884				100			200[C]						
West Huber	15803	X							2					
W. Little Mountain	04846				200									
W. Pelican Lake	04886										1			
W. Pot Creek	04829				100					.2				
Wetlands	15877									7*				
Wild Mountain	04844													
Wilkerson	04887													
Willow Creek	14801				150				6	2*				
Young	15809	X							10		5	1		
TOTALS				1,350	6,900	200	700	400	444	97.2	23	48	24.5	

* - Fencing to improve riparian habitat.
P - Plow and Seed
C - Contour Furrow & Seed
1 - Possible Allotment Management Plan Development.
2 - Predominantly P/J. If pinyon/juniper areas will not carry a fire, chaining may be substituted.
3 - Predominantly sagebrush. If sagebrush understory will not carry a fire, chemicals may be substituted for control.
4 - Includes division, boundary, and exclosure fences.
5 - A preferred treatment method is selected for each allotment.
6 - Allotments where grazing is administered by Price River Resource Area.
7 - Commercial and personal firewood cutting/seeding.

TABLE A8-4 (Continued):
RANGELAND IMPROVEMENTS - ALTERNATIVES C and D

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION					STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Antelope Powers	15879	X							20					
Aunt Knoll	15807	X			200				10					
Argyle Ridge	04873		X							3				
Asphalt Ridge	05807													
Bates Spring	14823													
Bealer Basin	14806		X	200						2			.5	
Big Wash	05881			300					20			2		
Big Wash Draw	15885		X[1]				400	200[C]	20	1				
Blair Basin	14824								1					
Bridgeport	14805			200	600				5	1.5*		1		
Browns Park	04806			800					10					
Brush Creek	04858	X[1]		200	300				20	10,1*				
Bull Canyon	04878	X[1]							5			3		
Canal	15816								2					
Castle Peak	05886						300		100					
Clay Basin	14802		X	300					15			1	1	
Clay Basin Meadows	14804		X[1]	200	300				15			1	.5	
Coal Mine Basin	04855			300	1,400				5	.5*		2	.5	
Cooper Draw	04835		X						3	2				
Cottonwood Springs	04853	X			1,300				15	2		3	4.5	
Cove & W. Cow Hollow	14817			200					2					
Current Canyon	04877				200		200		5			2		
Deep Creek	04884													

TABLE A8-4 (Continued): RANGELAND IMPROVEMENTS - ALTERNATIVES C and D

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION					STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Devils Canyon	04882	X[1]							5			2		
Diamond Mountain	04837		X		100				6	.5	2.5	1	4	
Diamond Rim	04861				200									
Dinosaur Park	04867			200					2		1		1	
Donkey Flat	04859			400		200		400[P]	15	2*		1	1	
Dry Fork	04854	X			300				2			2	.5	
E. Cow Hollow	14822													
E. Huber	15811	X							15			1		
E. Little Mountain	04845			200								1		
Eight Mile Flat	05887	X[1]							12			1		
Five Mile	04874	X[1]			200		500		10			2		
Flynns Point	04889													
Gadsen	04881													
Gadsen Draw	14810													
Goslin Mountain	14803			400	200				25	2*		1	3	
Green River (PRRA)[6]	04806								5					
Green River Bottoms	15878											1		
Hacking	04850											1		
Halfway Hollow	15808	X							2					
Hatch Cove	04834			200	200				2					
Holmes-Palmer	15810													
Horseshoe Bend	05814		X						1	1.5*				
Hoy Mountain	14815			400	200						.5			
Island Park	04870				500				5			2	.5	

TABLE A8-4 (Continued): RANGELAND IMPROVEMENTS - ALTERNATIVES C and D

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION					STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Jackson/Crouse/Dry Hollow	14812		X[1]	200	900				15			2		
Johnson	04851				200				2					
Kyune I[6] (PRRA)	04129													
Lambson/Crouse/Davis	14818			150	150				5					
Lears Canyon	04875				200									
Little Brush Creek	04865													
Little Desert	05880	X			200				25			2		
Little Hole	14811		X[1]		1,000				6	1*		2	.5	
Log Cabin	04830													
Marne Hole-Beau Hollow	04816				200				3					
Mail Draw	14826								3					
Marshall Draw	14814			200	200				3					
McCoy Flat	05805								15			1		
McFarley Flat	04863	X			200					1.5		4	1	
McKee Spring	14825				200				3					
Mosby	04847		X[1]									3	2.5	
Natural Lake	14820													
Oden	04880													
Ouray Road	15802								15		9			
Ouray Valley	15815													
Paddys Gap	04860				400				20					
Parley Canyon	04883			100	100		100		6			1		
Pelican Lake	05812	X							10			1		
Perry	04852				450				5					

TABLE A8-4 (Continued): RANGELAND IMPROVEMENTS - ALTERNATIVES C and D

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION					STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	Frwd Hvst	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Powell/Sadlier	04872								2					
Red Creek Flat	04809				800				15				.5	
Red Mountain	04857				200				2			1		
Rich & Stetson	15801													
Ruple Cabin	14833			500	200				10			2		
Rye Grass	14807				300									
S.J. Hatch	04862			200	500				10					
School Bus Draw	04838				200				2	2*				
Sears Canyon	14809				300									
Serviceberry Spring	04828													
Shindy	04849			200	500							1	.5	
Shiner	04842		X		1,000				35	2		4	3	
Smelter Springs	04848													
Spring Creek	04856	X								.5		2		
Stone Cabin (PRRA)	04109													
Sulfer Canyon (PRRA)	04111			200										
Taylor Flat	04808		X		300				2*				2	
Three Corners	14800				200				2				1	
Twelve Mile	15813	X							4			1		
Twin Knolls	04819								20					
N. Warren Draw	14813			200	200				5					
S. Warren Draw	14827			200	200				3					
Water Canyon #1	04876											2		
Water Canyon #2	04879													

TABLE A8-4 (Continued):
RANGELAND IMPROVEMENTS - ALTERNATIVES C and D

ALLOTMENTS		GRAZING SYSTEM		VEGETATION MANIPULATION					STRUCTURAL PROJECTS					
		Spring Defer	Rest Rotate	Burn[3]	Burn & Seed[2]	Chem.	FrwdH vst	P/C	Res.	Fencing (Miles) Div.	Fencing (Miles) Bndry	Guzzlers & Spgs.	Pipe-lines (Mi.)	Wells
Watson	04804				200				2				1.5	
Wells Draw	15884				200			200[C]						
West Huber	15803	X							2					
W. Little Mountain	04846				400	250								
W. Pelican Lake	04886										1			
W. Pot Creek	04829				200					.2				
Wetlands	15877									3*				
Wild Mountain	04844													
Wilkerson	04887													
Willow Creek	14801			400	800				10					
Young	15809	X							15		5	1	1.5	1
TOTALS				7,050	17,300	450	1,500	800	657	39.2	19	61	31	1

* - Fencing to improve riparian habitat.
P - Plow and Seed
C - Contour Furrow & Seed
1 - Possible Allotment Management Plan Development.
2 - Predominantly P/J. If pinyon/juniper areas will not carry a fire, chaining may be substituted.
3 - Predominantly sagebrush. If sagebrush understory will not carry a fire, chemicals may be substituted for control.
4 - Includes division, boundary, and exclosure fences.
5 - A preferred treatment method is selected for each allotment.
6 - Allotments where grazing is administered by Price River Resource Area.
7 - Commercial and personal firewood cutting/seeding.

TABLE A8-5
PRIORITY FOR NEW ALLOTMENT MANAGEMENT PLANS AND REVISIONS

NEW AMPS	PRIORITY
Antelope Powers	7
Big Wash Draw	18
Brush Creek	6
Clay Basin Meadows	14
Eight Mile Flat	13
Five Mile	3
McFarley Flat	16
Shiner	4
**Diamond Mountain	
Willow Creek	15
AMP REVISIONS	
Cottonwood Springs	1
*Pelican Lake	
*Twelve Mile	
*Young	
Goslin Mountain	2
Horseshoe Bend	5
Hoy Mountain	12
Little Desert	9
Red Creek Flat	11
S.J. Hatch	17
Taylor Flat	8
Wetlands	10

* These allotments are currently used in conjunction with the Cottonwood Springs allotment and would be part of that AMP.
** This allotment is currently used in conjunction with the Shiner Allotment and would be part of that AMP.

THE ALLOTMENT CATEGORIZATION PROCESS

ASSIGNMENT OF CATEGORY

The criteria used for the placement of the allotments into the categories were based on resource potential, resource use conflicts or controversy, opportunity for positive economic return on public investments, and the present management situation. The specific criteria used for each category are as follows:

Category "M": Maintaining Existing Resource Conditions

- The present ecological condition and management are satisfactory.
- Late to climax condition, if desired, will be maintained under present management, or mid condition, if desired, or improving with improvement expected to continue under present management, or opportunities for BLM management are limited because percentage of public land is low or acreage of public lands is small.
- Allotment has a potential for moderate or high vegetation production and is producing at or near this potential.
- There are no significant land-use resource conflicts with livestock grazing.
- Landownership status may or may not limit management opportunities.
- Opportunities for positive economic return from public investment may exist.

Category "I": Improve Existing Resource Conditions

- Present ecological condition is unsatisfactory.
- Ecological condition is in early to mid seral stage.
- Ecological condition is in mid to late seral stage.
- Ecological succession is expected to regress further.
- Allotment has a potential for medium to high vegetation production but production is low to moderate.
- Resource conflicts/controversy with livestock grazing are evident.
- There is potential for positive economic return on public investment.

Category "C": Custodial Management

- Present ecological condition is not in a downward trend.
- Allotment has a low vegetation production potential and is producing near this level.
- There may or may not be limited conflicts between livestock grazing and other resources.
- Present management is satisfactory or is the only logical management under existing conditions.
- Opportunities for positive economic return on public investments do not exist.

MANAGEMENT OBJECTIVES

"M" Allotments

To authorize actions that are consistent with or will maintain current uses and satisfactory range condition and productivity. Monitoring studies will be established at a level that will detect changes in present resource management and/or condition. The intensity and workload requirements of the studies will depend on the resource values involved.

"I" Allotments

To implement management actions that will improve existing resource condition and productivity and enhance overall multiple use opportunities. Monitoring will be carried out at an intensity sufficient to support actions taken toward achieving management objectives and will be implemented on a priority basis. Monitoring will continue at a higher intensity to ensure the effectiveness of the actions.

"C" Allotments

To manage the allotment in a custodial manner while protecting the existing resource values. Management actions will emphasize the issuance of billings, grazing leases, and transfers. Monitoring will consist of periodic allotment inspections, use supervision, and photo plots to detect possible changes in existing resource values. A specific schedule for monitoring will not be developed, but monitoring will be conducted as the opportunity arises in conjunction with other range management work.

CURRENT GRAZING ALLOTMENT INFORMATION

Table A8-1 lists livestock grazing information specific to each allotment in the resource area.

TABLE A8-6:
RECORD OF PROPOSED ALLOTMENT CATEGORIZATION

Allotment Name	Range Condition		Allotment Potential			Present Productivity			Resource Conflicts			Controversy			Present Management		Willingness to Invest			Other Criteria Allotment Characteristics	Category		
	Sat.	Unsat.	Hi.	Med.	Low	Hi.	Med	Low	Many	Few	None	Hi	Low	None	Satis.	Unsat.	Yes	Maybe	No		M	I	C
Antelope Powers	X				X		X			X			X			X	X			Critical Pronghorn Antelope habitat Critical Watershed Area		X	
Aunt Knoll		X			X		X			X			X			X	X			Critical Watershed Area		X	
Argyle Ridge	X				X		X			X			X			X			X	Riparian Concern	X		
Asphalt Ridge	X				X			X			X			X	X				X				X
Bates Spring	X				X			X			X			X	X				X				X
Bealer Basin	X			X			X			X			X		X			X			X		
Big Wash	X			X		X				X		X			X		X			Potential Livestock/ wildlife conflict		X	
Big Wash Draw		X		X			X			X		X			X		X			Potential Livestock/ wildlife conflict		X	
Blair Basin	X				X			X			X			X	X				X				X
Bridgeport	X		X				X		X			X			X		X			Wildlife habitat pot'nt'l High critical deer winter range		X	
Brush Creek	X			X			X		X			X				X	X			Critical deer winter range; Pot. livestock/ wildlife conflict		X	
Browns Park (Utah)	X			X			X		X			X			X		X			Critical deer winter range; High wildlife habitat potential		X	
Bull Canyon	X				X			X		X			X			X		X		No spring use rest		X	
Canal	X				X			X		X			X		X			X			X		
Castle Peak	X				X		X			X		X			X		X			Critical Pronghorn Antelope habitat; Critical Watershed		X	
Clay Basin	X			X			X		X			X				X	X			Riparian Concern		X	
Clay Basin Meadows	X		X				X		X			X				X	X			Riparian Concern		X	
Coal Mine Basin	X		X				X			X			X		X		X			High Potential wildlife habitat		X	

TABLE A8-6 (Continued): RECORD OF PROPOSED ALLOTMENT CATEGORIZATION

Allotment Name	Range Condition		Allotment Potential			Present Productivity			Resource Conflicts			Controversy			Present Management		Willingness to Invest			Other Criteria Allotment Characteristics	Category		
	Sat.	Unsat.	Hi.	Med.	Low	Hi.	Med	Low	Many	Few	None	Hi	Low	None	Satis.	Unsat.	Yes	Maybe	No		M	I	C
Cooper Draw	X				X	X				X			X		X			X			X		
Cottonwood Springs	X		X				X			X			X			X	X			High pot. wldlife habitat		X	
Cove & Cow Hollow	X				X			X		X			X		X				X				X
Current Canyon	X			X			X			X			X		X			X			X		
Deep Creek	X				X		X			X			X		X				X				X
Devils Canyon	X			X				X		X			X			X	X			No spring use rest		X	
Diamond Mountain	X			X		X				X			X			X	X			Riparian concern		X	
Diamond Rim	X		X				X			X		X			X		X			High pot. wldlfe habitat		X	
Dinosaur Park	X				X		X			X			X		X				X				X
Donkey Flat	X		X				X		X			X			X		X			Crit. deer winter rng; Pot. lvstk/wldlf conflicts		X	
Dry Fork	X		X					X	X			X				X	X			High pot. wldlf habitat		X	
E. Cow Hollow	X				X		X			X			X		X				X				X
E. Huber	X			X				X		X			X			X	X			Critical pronghorn antelope habitat; no spring use rest		X	
E. Little Mountain	X		X				X			X			X		X		X			High pot. wldlf. habitat		X	
Eight Mile Flat	X			X			X			X		X				X	X			Critical pronghorn antelope habitat; Critical Watershed		X	
Five Mile	X		X			X				X		X			X		X			Pot. lvstk/wldlf conflict		X	
Flynns Point	X				X		X			X			X		X				X				X
Gadsen	X				X		X			X			X		X				X				X
Gadsen Draw	X				X		X			X			X		X				X				X
Goslin Mountain	X		X				X		X			X				X	X			Pot. lvstk/wldlf conflict; Riparian concern		X	
Green River Bottoms		X		X			X		X			X				X	X			Riparian Concern		X	
Green River (PRRA)		X		X				X	X			X				X		X		No spring use rest		X	

TABLE A8-6 (Continued): RECORD OF PROPOSED ALLOTMENT CATEGORIZATION

Allotment Name	Range Condition		Allotment Potential			Present Productivity			Resource Conflicts			Controversy			Present Management		Willingness to Invest			Other Criteria Allotment Characteristics	Category		
	Sat.	Unsat.	Hi.	Med.	Low	Hi.	Med	Low	Many	Few	None	Hi	Low	None	Satis.	Unsat.	Yes	Maybe	No		M	I	C
Hacking	X				X		X			X			X		X				X				X
Halfway Hollow	X			X			X			X			X			X		X			X		
Hatch Cove	X			X		X				X			X		X			X			X		
Holmes/Palmer	X				X		X				X			X	X				X				X
Horseshoe Bend		X		X				X		X		X				X	X			Riparian concern		X	
Hoy Mountain	X			X			X		X			X				X	X			Riparian concern		X	
Island Park	X		X			X			X				X		X		X			High pot. wldlf. habitat		X	
Jackson-Crouse-Dry Hollow	X		X				X			X			X			X	X			High pot. wldlf. habitat		X	
Johnson		X		X			X			X			X		X			X			X		
Kyune I (PRRA)	X		X				X			X			X		X		X				X		
Lambson-Crouse-Davis	X			X			X			X			X		X			X			X		
Lears Canyon	X			X			X			X			X		X			X			X		
Little Brush Creek	X				X			X			X			X	X				X				X
Little Desert	X			X			X			X			X			X	X			No spring use rest		X	
Little Hole	X		X				X		X		X				X		X			Riparian concern		X	
Log Cabin	X				X			X			X			X	X				X				X
Mame Hole-Bear Hollow	X			X			X			X			X		X				X				X
Mail Draw	X			X			X			X			X		X			X			X		
Marshall Draw	X			X		X				X			X		X			X			X		
Max Canyon (PRRA)		X			X			X			X			X	X				X				X
McCoy Flat	X			X			X			X			X		X			X			X		
McFarley Flat		X		X				X		X			X			X	X			No spring use rest		X	
McKee Spring	X			X			X			X			X		X				X				X

TABLE A8-6 (Continued): RECORD OF PROPOSED ALLOTMENT CATEGORIZATION

Allotment Name	Range Condition		Allotment Potential			Present Productivity			Resource Conflicts			Controversy			Present Management		Willingness to Invest			Other Criteria Allotment Characteristics	Category		
	Sat.	Unsat.	Hi.	Med.	Low	Hi.	Med	Low	Many	Few	None	Hi	Low	None	Satis.	Unsat.	Yes	Maybe	No		M	I	C
Mosby	X			X		X				X			X		X			X			X		
Natural Lake	X				X			X			X		X		X				X				X
Oden	X			X			X			X			X		X				X				X
Ouray Road	X			X		X				X			X		X			X			X		
Ouray Valle	X				X		X			X			X		X				X				X
Paddys Gap	X		X			X				X			X		X		X			No spring use rest High pot. wldlf. habitat		X	
Parley Canyon	X			X			X			X			X		X			X			X		
Pelican Lake		X		X			X			X			X			X		X		Crit. Pronghorn habitat No spring use rest		X	
Perry	X		X				X			X			X		X		X			High pot. wldlf. habitat		X	
Powell/Sadlier	X			X			X			X		X				X		X			X		
Red Creek Flat	X		X				X		X				X		X		X			Crit. deer winter range; high pot. wldlf. habitat		X	
Red Mountain	X			X			X		X			X				X	X			Resource Conflict		X	
Rich & Stetson	X				X			X			X			X	X				X				X
Ruple Cabin		X		X			X			X			X			X	X			Resource Conflict		X	
Rye Grass	X			X			X			X			X		X			X			X		
S.J. Hatch	X		X				X			X			X		X		X			High Pot. wildlife habitat		X	
School Bus Draw	X			X			X			X			X		X			X			X		
Sears Canyon	X		X				X		X				X		X		X			High Pot. wildlife habitat		X	
Serviceberry Spring	X				X			X		X			X		X				X				X
Shindy	X		X			X				X			X		X		X			High Pot. wildlife habitat		X	
Shiner	X		X				X		X				X			X	X			No spring use rest		X	
Smelter Springs	X			X			X			X			X		X				X				X
Smokem-up	X				X			X			X			X	X				X				X
Spring Creek		X		X			X			X			X		X		X			Riparian Concern		X	

TABLE A8-6 (Continued): RECORD OF PROPOSED ALLOTMENT CATEGORIZATION

Allotment Name	Range Condition		Allotment Potential			Present Productivity			Resource Conflicts			Controversy			Present Management		Willingness to Invest			Other Criteria Allotment Characteristics	Category		
	Sat.	Unsat.	Hi.	Med.	Low	Hi.	Med	Low	Many	Few	None	Hi	Low	None	Satis.	Unsat.	Yes	Maybe	No		M	I	C
Stone Cabin (PRRA)		X	X				X			X			X			X	X					X	
Sulfer Canyon (PRRA)	X				X			X		X			X		X				X				X
Taylor Flat		X	X				X		X			X				X	X			Riparian concern; Crit. deer winter range		X	
Three Corners	X			X			X			X			X		X			X			X		
Twelve Mile	X			X				X		X			X			X	X			Crit. pronghorn anelope hbt; No spring use rest		X	
Twin Knolls	X			X			X			X			X		X			X			X		
N. Warren Draw	X			X			X			X			X		X			X			X		
S. Warren Draw	X			X			X			X			X		X			X			X		
Water Canyon #1	X			X			X			X			X		X			X			X		
Water Canyon #2	X			X			X			X		X			X		X				X		
Watson	X		X				X		X				X			X	X			Crit. deer winter rng.; high pot. wldlf. habitat		X	
Wells Draw	X			X			X		X				X		X		X			Crit. elk winter rng.; Pot. lvstk/wldlf. conflict		X	
West Huber		X		X				X		X			X			X		X		No spring use rest		X	
W. Little Mountain	X		X				X			X			X		X		X			High pot. wldlf. habitat		X	
W. Pelican Lake	X			X			X			X			X		X				X				X
W. Pot Creek	X			X			X			X			X		X				X				X
Wetlands		X		X			X		X			X				X		X		Riparian concern		X	
Wilkerson	X				X		X			X			X		X				X				X
Willow Creek	X		X				X		X				X			X	X			Riparian concern		X	
Willow Springs	X			X			X			X			X		X			X			X		
Young	X			X			X			X			X			X	X				X		

RANGE MONITORING STUDIES

Purpose

The purpose of monitoring studies is to provide the data needed for making management decisions, determining the effectiveness of on-the-ground management actions, and evaluating progress toward meeting management objectives on high priority allotments. Management objectives in the resource area are (a) to gather adequate data on all "I" and "M" category allotments, (b) to determine the effects of management actions on the rangeland resources, and (c) to provide quantifiable data needed to support management decision. All monitoring plans will follow BLM Manual 4400, Technical References 4400-1 through 4.

Methods

A formal evaluation of any allotment or management unit must examine the effects of consumptive uses in that area, such as livestock grazing and wildlife. A high degree of interdisciplinary coordination will ensure that multiple use principles are considered.

Resource objectives will be developed for each allotment. Objectives will be meaningful, specific, and measurable.

The monitoring studies established in specific allotments where wildlife-livestock conflicts have been identified will be designed to provide information for wildlife and range management personnel to determine actual problems or conflicts. At a minimum, information will be needed on actual use levels and forage utilization by each ungulate species involved. This will require close cooperation and specific input from UDWR during the planning, implementation, and analysis of the monitoring studies.

Currently there are 247 vegetation monitoring sites (223 livestock and/or wildlife and 24 riparian) in the resource area, employing any one or all of the following methods: three plot density, frequency, line intercept, photo plot, and big game pellet group transects.

The method, amount, and intensity of monitoring established and conducted for each allotment will depend on category, resource values, and specific allotment objectives. High intensity monitoring will be implemented in allotments identified as top "I" priority. Low-intensity monitoring studies will be carried out on the remaining lower priority "I" and "M" category allotments so that significant changes in current management or resource values can be detected.

High-intensity studies provide sufficient data to support decisions that establish grazing capacities, seasons of use, and the kind and number of grazing animals by allotment. Studies at this level of monitoring are those that determine actual use and forage utilization as well as climatic studies.

Trend studies will be used along with annual climatic data and information on actual use and forage utilization to analyze the effectiveness of the management decisions taken to achieve specific allotment objectives.

Low-intensity studies are those that detect undesirable changes in existing range condition that could warrant re-evaluation of the priority or category for that allotment. At a minimum, such studies include an allotment inspection and the completion of an allotment inspection form.

Management adjustments would not be made until monitoring over time verified a conflict or problem and determined its extent. Data gathered by monitoring and consultation and coordination with affected parties would support management decisions related to livestock and wildlife stocking levels and other adjustments.

STANDARD OPERATING PROCEDURES FOR RANGELAND IMPROVEMENTS

Prescribed Burns

The pattern of vegetation modification would be an irregular or mottled design to maintain aesthetics and provide habitat diversity.

Soil moisture conditions and the season of the burn would be selected to benefit the survival of desired species.

Fire lines and breaks would be built in conformance with the district fire plan. Following treatment, fire lines would be rehabilitated, berms smoothed, disturbed areas reseeded, etc. as necessary to conform to the original conformation of the site.

Burning would be conducted in such a manner as to allow convection to vent smoke and provide the most complete combustion of material, thus restricting air pollution.

In order to protect known cultural values and threatened, endangered, and sensitive plant and animal species, a clearance would be required prior to burning.

The need for buffer zones to protect critical wildlife habitat would be coordinated with the UDWR.

Care will be taken to locate and protect all legal markers including cadastral, property, and claim markers.

Protection of the watershed would be considered to reduce any short term loss of soil. Gully plugging, reseeding, and

other watershed preserving practices would be applied when warranted.

Permittees might have to defer grazing in some rangeland for periods of up to three years. Temporary fencing would be used to protect certain sites.

If funding and conditions warrant, burned areas will be seeded with a variety of plant species providing forage and watershed benefits.

Chemical Treatment

Projects would conform to state and Environmental Protection Agency (EPA) pollution standards. Application of chemicals would conform to EPA regulations and BLM requirements.

The patterns of the vegetation modification would be designed to blend into the landscape to maintain the natural appearance of the area.

In order to control drift, chemical sprays would be applied only when winds are less than 5 miles per hour.

The need for and proper dimensions of buffer zones to protect wildlife habitat would be jointly agreed upon by the BLM and UDWR.

Chemically treated vegetation would be left in place, with the exception of woodland products, which could be harvested.

Season of treatment and soil moisture conditions would be selected to give the best kill to target species and preserve desired species.

In order to protect known cultural values, threatened, endangered, and sensitive plant and animal species, a clearance would be required prior to treatment.

Visual resources would be considered in the development of the treatment area.

Care would be taken to locate and protect all legal markers including cadastral, property, and claim markers.

Cooperation with the range user would be maintained to protect treated areas from grazing following treatment. Deferments in grazing would generally be one to three growing seasons. Where grazing systems with rest periods in the grazing cycle are being followed, treatments and deferment of use would be worked in with the normal rest periods in the grazing cycle.

Chainings

The patterns of the vegetation modification would be designed to blend into the landscape to maintain the natural appearance of the area. Irregular patterns would be implemented to increase the edge effect for wildlife and maintain aesthetics.

Areas within 200 feet of well-traveled roads would not be chained.

The need for, and proper dimensions of buffer zones would be jointly agreed to by BLM and the Utah Division of Wildlife Resources (UDWR) prior to on-the-ground development of projects. Buffer zones would be provided, where necessary, to prevent disturbance to riparian ecosystems.

Vegetation would be left in place or burned. Permits would be given for salvage of woodland products following treatment.

Areas will be seeded with a variety of plant species adapted to the specific site. The mixture would be a variety of browse, forbs, and grass species that are desirable for both livestock, wildlife, and watershed.

Treatment areas would not be grazed by livestock until vegetation becomes established. In most cases, two growing seasons of rest would be required.

In order to protect known cultural values, threatened, endangered, and sensitive plant and animal species, a clearance would be required prior to chaining.

Care would be taken to locate and protect all legal markers including cadastral, property, and claim markers.

Firewood Harvesting

Harvest areas will be designed in an irregular fashion to maintain aesthetics and produce edge effect for wildlife and maintain sustained timber yield.

Cutting and harvesting areas would be closed when weather conditions would result in excessive erosion, soil compaction, and rutting of roads.

Areas within 100 feet of well-traveled roads would not be harvested.

Stump height would not exceed 12 inches.

Approximately 75% of slash piles would be burned and slash would be scattered on slopes greater than 30% and in drainage bottoms.

In order to protect known cultural values, threatened, endangered, and sensitive plant and animal species, a clearance would be required prior to cutting.

Reservoirs

In order to protect known cultural values, threatened, endangered, and sensitive plant and animal species, a clearance would be required prior to construction and the least amount of ground possible would be disturbed for access to the site.

The borrow areas and reservoir dikes would be revegetated.

BLM earthwork guidelines and specifications would be followed for the construction of retention dams and reservoirs.

Seeps-Springs

A cooperative agreement between BLM and permittee for construction and maintenance would be developed where applicable.

In order to protect known cultural values, threatened, endangered, and sensitive plant and animal species, a clearance would be required prior to development.

The sites would be restored to the original conformation of the site. Seeding of adapted species would be used to restore disturbed areas.

Some water would be left at the original source for wildlife purposes.

A wildlife escape device would be installed in all open water troughs capable of trapping wildlife.

Spring construction and fencing to restrict livestock from the spring source would comply with BLM specific fencing specifications.

Water troughs and above-ground tanks and facilities would be designed and painted to blend with the natural environment. Water tanks would be anchored with wooden posts.

Guzzlers

The shape and color of guzzlers would blend with the natural environment.

A wildlife escape ramp would be installed in conjunction with all open water troughs capable of trapping wildlife.

Fencing to restrict livestock and wildlife from the collection and storage areas would comply with BLM fence stipulations.

Fencing

All fences would be built according to BLM specifications including design to facilitate wildlife movement.

Clearing of fence lines prior to construction would be limited to brush removal.

Gates would be installed along the fence at intersections of all official access roads or trails; in natural passes, and other strategic places to facilitate movement of recreators, livestock, and wildlife.

A cooperative agreement between BLM and permittee for construction and maintenance of fences would be developed where applicable.

A clearance for cultural values, and threatened, endangered, and sensitive species would be required prior to construction.

Water Pipelines

A cooperative agreement between BLM and permittee for construction and maintenance of fences would be developed where applicable.

In order to protect known cultural values, threatened, endangered, and sensitive plant and animal species, a clearance would be required prior to development.

The sites would be restored to the original conformation of the land. Seeding of adapted species would be used to restore disturbed areas.

A wildlife escape device would be installed in all watering troughs capable of trapping wildlife.

Water troughs and above-ground tanks and facilities would be designed and painted to blend with the natural environment. Water tanks would be anchored with wooden posts.

Contour Furrowing and Plow and Seed

In order to protect known cultural values, threatened, endangered, and sensitive plant and animal species, a clearance would be required prior to development.

Design projects on contour to prevent erosion hazards and insure optimum water infiltration.

Seed with a variety of species adapted to site providing watershed and forage benefits.