

## APPENDIX B Unit-Specific Mitigation

### Unit Specific Mitigation

Additional mitigation and design criteria have been established for some of the individual units in the Proposed Action (Alternative B) as well as the general design criteria and mitigation that are spelled out on p. 2-24 that are common to all treatment units. Following are the codes and descriptions used in Table B-1 to display these unit specific mitigation requirements. Some mitigation has the ability to exhaust what funding may be produced by the harvest treatments, especially since the length of required treatment can not be specified at this time. Some mitigation will be accomplished with appropriated funds as opposed to funds generated by the treatment.

#### WEEDS

- K Annual knapweed treatment required.
- W Annual weed treatment of existing weeds.
- D Annual treatment before flowering for Oxeye Daisy.
- T Unmapped acres of houndstongue.

#### HERITAGE

- A Avoidance of historic site 24SW350
- B Avoidance of historic site 24SW351
- C Avoidance of historic site 24SW348
- D Site 24PA724, the historic Four-mile Ranger Station, Thinning and open space to help protect cabin from wildfire and restore area to more historic conditions
- E Prehistoric site 24PA1000 is in close proximity to treatment areas and should be monitored to ensure protection
- F Prehistoric site 24PA675 is in close proximity to treatment areas and should be monitored to ensure protection
- G Site 24PA725; the Box Canyon Guard Station, Fuel reduction to help protect cabin and restore to more historic conditions
- H Site 24PA635, the Main Boulder Historic Ranger Station, restore to more historic conditions and reduce fuel to aid in protection
- I Prehistoric Site 24PA1004, reduce fuels to protect site and restore to a more historic setting
- J CCC Camp site 24PA1188, reduce fuels and return to look more consistent with 1930s and protect historic features

#### SCENERY AND WILD & SCENIC ELIGIBILITY

- 2 Avoid abrupt visual transitions where unit crosses road
- 6 Clumping for structure screening
- 8 Skid trails and temporary roads minimally discernible after one year of completion
- 9 Buffer around popular recreation sites 100 feet
- 10 Clumping and feathering to avoid NF recreation residences from becoming visually dominant

#### ROADLESS (THE NORTH ABSAROKA ROADLESS AREA) AND THE ABSAROKA BEARTOOTH WILDERNESS

- 1 Locate Wilderness and private property boundaries.
- 2 Locate Inventoried Roadless Area boundary. No cutting of material >8" within IRA.

**SOILS**

- M Major Disturbance Soil Unit and hand, cable (full suspension of log) hand or other low impact harvest system required,
- S Some Disturbance Soil Unit and hand, cable (full suspension of log), hand, or other low impact harvest system required.

**AQUATICS**

- F Floodplain restriction would not be met in the “Cobra’s Head” portion of unit as it would be inundated
- T Thermal restriction may cause problems with treatment “whoop-te-dos” to reduce straight line effects of 15” not treat SMZ’s
- S No harvest on steep slopes (>35%) that drain directly into the Boulder River, where there is no floodplain filter. In other words, where there is no active floodplain and a steep side slope, do not harvest on side slope. Applies primarily to north end of Unit 31 for the main Boulder and East Boulder confluence.

**RECREATION, SAFETY AND SPECIAL USES**

- 1 Protect all structures and 100 foot buffer around NF recreation residences
- 2 Hazard warning signs
- 6 No treatment or equipment in popular recreation sites

**WILDLIFE**

- L Limit treatment above the confluence of the Main Boulder River and Four-mile Creek to a total acreage of 250 acres annually and not more than two adjacent units in any year to limit impacts to grizzly bear, lynx and gray wolf.

**AIR**

- 0.1 - 0.7 Air quality limits amount of burning. Minimum Ambient Distances for pile burning to be done in the fall. Minimum Ambient distance for Understory Burns is 0.1 for all units. Understory burning may be done in the spring or the fall.

**WATER**

- W Wetlands, no disturbance. May limit treatment on area between road and Main Boulder river. Hand work only may be done in this area.

**Table B-1 Proposed Action- Unit-Specific Mitigations by Resource**

Unit	Scenery and W & S	Weeds	Air	Water	Aquatics	Wildlife	Recreation And Special Uses	Soil	Heritage	Roadless and Wilderness
MBS	8	T	0.1				1,2,6		H,I,J	1,2
1	2,8	,K	0.15				1			
2	8	,K	0.2					M		
3	6,8,10	K	0.15		T		1,2,6			1
3B	6,8,9,10	K	0.1				1,2,6			
3C	6,8		0.1				1	U		
4	2,6,8	K	0.2				1,2			
5	8		0.2							
5A	8		0.2							
5B	6	D			T		1			1
5C	6	D			T		1		A	
6	6		0.2		T		1		A	
7	6,8,10	W	0.5		T		1,2,6			1,2
7A	6,8						1	S		
7B	6,8						1			
8	6,8	D	0.5				1			
8A	8,10	D							B	1
9	2,6,8,9	D	0.3		T		1,2,6			
10	6,,8	D	0.4				1			
11	8	D	0.5				1			1
12	8	D	0.5		T		1			1
13	2,6,8	D			T		1	M		1
14	6,8	D	0.3		T		1			1
14A	8	D	0.5							1
15	6,8	D	0.2							
16	6,8,10	D	0.5				1,2,6		C	1
16A	8	D	0.5							
17	6,8,9,10	D	0.4		T		1,2,6			1
17A	6,8,9,10	D					1,2,6		C	1
18	6,8,9	D	0.5		T		1,2,6			1
18A	6,8,9	D	0.5		T		1,2,6			1
19	8	D	0.6		T					1
19A	6,8,9	D	0.4				1,2,6			
19B	6,8,9		0.2				1,2			
20	8	D	0.3							1
20A	8	D						S		
21	2,6,8,9,10	D	0.7	W			1,2,6		D,E	1
22	2,6,8,9,10	D	0.6		T	L	1,2,6		D,E	1
22A	2,6,8,9,10	D	0.6		T	L	1,2,6	S	D,E	1
23	6,8,10	D	0.6			L	1,2,6			1
24	2,6,8,10	D	0.7		T	L	1,2,6			1
25	6,8,10	D	0.7		T	L	1,2,6			1

Appendix B

Unit	Scenery and W & S	Weeds	Air	Water	Aquatics	Wildlife	Recreation And Special Uses	Soil	Heritage	Roadless and Wilderness
25A	6,8,9,10	D	0.7		F	L	1,2,6	S		1
26	6,8	D	0.7			L	1,2,6			1
26A	8	D	0.6		T	L	1,2,6			1
27	6,8,9	D	0.7		T	L	1,2,6	S		1
28	8	D	0.5			L				
29	6,8,9	D	0.6			L			F	
30	2,6,8,9	D	0.7			L	1,2,6		F	1
31	6,8	D	0.7		T,S	L	1,2,6		F,G	1
32	8	D	0.6		T	L				1