

KOOTENAI NATIONAL FOREST

FOREST PLAN

APPENDIX TEN

OIL AND GAS STIPULATIONS

UNITED STATES DEPARTMENT OF THE INTERIOR
 Bureau of Land Management
 222 North 32nd Street
 P.O. Box 36800
 Billings, Montana 59107

(Serial Number)

**STIPULATIONS FOR LANDS OF THE NATIONAL FOREST SYSTEM
 UNDER JURISDICTION OF
 DEPARTMENT OF AGRICULTURE**

The licensee/permittee/lessee must comply with all the rules and regulations of the Secretary of Agriculture set forth at Title 36, Chapter II, of the Code of Federal Regulations governing the use and management of the National Forest System (NFS) when not inconsistent with the rights granted by the Secretary of the Interior in the license/prospecting permit/lease. The Secretary of Agriculture's rules and regulations must be complied with for (1) all use and occupancy of the NFS prior to approval of a permit/operation plan by the Secretary of the Interior, (2) uses of all existing improvements, such as Forest development roads, within and outside the area licensed, permitted or leased by the Secretary of the Interior, and (3) use and occupancy of the NFS not authorized by a permit/operating plan approved by the Secretary of the Interior.

All matters related to this stipulation are to be addressed

to

at

Who is the authorized representative of the Secretary of Agriculture.

Any or all of the following stipulations may apply to this lease and may be made less restrictive depending upon the actual onground conditions. The Forest Service (FS) should be contacted for details regarding the restrictive nature of these stipulations.

ESTHETICS — To maintain esthetic values, all surface-disturbing activities, semipermanent and permanent facilities may require special design including location, painting and camouflage to blend with the natural surroundings and meet the intent of the visual quality objectives of the FS.

EROSION CONTROL — Surface disturbing activities may be prohibited during muddy and/or wet soil periods. This limitation does not apply to operation and maintenance of producing wells using authorized roads.

CONTROLLED OR LIMITED SURFACE USE — This stipulation may be modified by special stipulations which are hereto attached or when specifically approved in writing by BLM, with the concurrence of the FS. Distances and/or time periods may be made less restrictive depending on the actual onground conditions. The prospective lessee should contact the FS for more specific locations and information regarding the restrictive nature of this stipulation.

The lessee/operator is given notice that the lands within this lease may include special areas and that such areas may contain special values, may be needed for special purposes, or may require special attention to prevent damage to surface and/or other resources. Any surface use or occupancy within such special areas will be strictly controlled or, if absolutely necessary, excluded. Use or occupancy will be restricted only when BLM and/or the FS demonstrates that the restriction is necessary for the protection of such special areas and existing or planned uses; however, reasonable lease occupancy will not be precluded unless specified in additional stipulations attached hereto. Appropriate modifications to imposed restrictions will be made for the maintenance and operations of producing oil and gas wells.

After the FS has been advised of specific proposed surface use or occupancy on the leased lands, and on request of the lessee/operator, the FS will furnish further data on any special areas. Such restrictions may include limitations or exclusion of activities which occur within:

500 feet from perennial and ephemeral water courses and bodies, springs, flood plains, riparian areas, and water supplies;

500 feet from roads and trails, buildings and structures, sites eligible for or designated as National Register Sites or Research Natural Areas, visually sensitive areas and recreation areas including those managed for primitive recreation values;

Essential habitat of State and Federal sensitive species including wildlife, raptors, fish and plants, and crucial wildlife ranges including but not limited to: winter range from December 1 to May 15; birthing to reproduction areas (e.g., calving, fawning) from April 15 to June 30; migration routes from November 1 to December 31; spawning sites from May 1 to July 1 or appropriate from September 1 to March 30; grouse strutting grounds and nesting areas within ½ mile; and within ½ mile of raptor nests from February 1 to July 31;

Seasonal road closures, roads for special uses, specified roads during heavy traffic periods and on areas having restrictive offroad designation;

On steep slopes (over 30 to 60 percent), on slopes or soils which have a high potential for-or are currently experiencing mass movement (slumps, slides, flows) or which are extremely erodable.

Date

Lessee's Signature

NOTICE

CULTURAL AND PALEONTOLOGICAL RESOURCES — The FS is responsible for assuring that the leased lands are examined to determine if cultural resources are present and to specify mitigation measures. Prior to undertaking any surface-disturbing activities on the lands covered by this lease, the lessee or operator, unless notified to the contrary by the FS, shall:

1. **Contact the FS to determine if a site specific cultural resource inventory is required. If a survey is required, then:**
2. **Engage the services of a cultural resource specialist acceptable to the FS to conduct a cultural resource inventory of the area of proposed surface disturbance. The operator may elect to inventory an area larger than the area of proposed disturbance to cover possible site relocation which may result from environmental or other considerations. An acceptable inventory report is to be submitted to the FS for review and approval no later than that time when an otherwise complete application for approval of drilling or subsequent surface disturbing operation is submitted.**
3. **Implement mitigation measures required by the FS and BLM to preserve or avoid destruction of cultural resource values. Mitigation may include relocation of proposed facilities, testing, salvage, and recordation or other protective measures. All costs of the inventory and mitigation will be borne by the lessee or operator, and all data and materials salvaged will remain under the jurisdiction of the U.S. Government as appropriate.**

The lessee or operator shall immediately bring to the attention of the FS and BLM any cultural or paleontological resources or any other objects of scientific interest discovered as a result of surface operations under this lease, and shall leave such discoveries intact until directed to proceed by FS and BLM.

ENDANGERED OR THREATENED SPECIES — The FS is responsible for assuring that the leased land is examined prior to undertaking any surface-disturbing activities to determine effects upon any plant or animal species listed or proposed for listing as endangered or threatened, or their habitats. The findings of this examination may result in some restrictions to the operator's plans or even disallow use and occupancy that would be in violation of the Endangered Species Act of 1973 by detrimentally affecting endangered or threatened species or their habitats.

The lessee/operator may, unless notified by the FS that the examination is not necessary, conduct the examination on the leased lands at his discretion and cost. This examination must be done by or under the supervision of a qualified resource specialist approved by the FS. An acceptable report must be provided to the FS identifying the anticipated effects of a proposed action on endangered or threatened species or their habitats.

In order to minimize impacts on endangered or threatened species or their habitat, special conditions, such as unitization prior to approval of operations, and/or other limitations to spread surface-disturbing activities over time and space may be required prior to approval and commencement of any operations on the lease.

KOOTENAI NATIONAL FOREST

FOREST PLAN

APPENDIX ELEVEN

TIMBER SALE SCHEDULE

THREE-YEAR TIMBER SALE IMPLEMENTATION SCHEDULE

Introduction: This Appendix contains a Timber Sale Implementation Schedule which is not a decision in the Forest Plan. It provides public information as required by the Forest Service Manual 1922.5 and is subject to updates based upon budget, market conditions or other considerations. The public will be notified, at least annually, of changes to this implementation schedule.

IMPLEMENTATION SCHEDULE BY CATEGORY OF HARVEST
(VOLUMES IN MMBF)

Year	Regulated 1/	Non-interchangeable 2/		Unregulated 5/	Total Volume
		Dead LPP 3/	Other Dead 4/		
1988	213	33	5	5	256
1989	195	18	4	3	220
1990	185	20	5	3	213

- 1/ Regulated - Live green and recently dead timber from suitable timberlands (MA's 11, 12, 14, 15, 16, and 17).
- 2/ Non-interchangeable - Older dead timber from suitable timberlands which includes the categories 3/ and 4/ below.
- 3/ Dead LPP - Dead lodgepole pine timber from suitable timberlands (MA's 11, 12, 14, 15, 16, and 17).
- 4/ Other Dead - Other dead timber from suitable timberlands (MA's 11, 12, 14, 15, 16, and 17).
- 5/ Unregulated - All timber from unsuitable lands where harvest is permitted (MA's 3, 5, 6, 10, 18, 19, 20 and 23).

The first decade average volume offered for sale is expected to be as follows:

<u>SUITABLE LANDS</u> (MA's 11, 12, 14, 15, 16, 17)		<u>UNSUITABLE LANDS</u> (MA's 3, 5, 6, 10, 18, 19, 20, 23)	
Regulated:	202 MMBF	Unregulated:	6 MMBF
Dead LPP:	20 MMBF		
Other Dead:	5 MMBF		
Subtotal (ASQ)	227 MMBF	Subtotal	6 MMBF

Total Planned Sell: 233 MMBF

Some of the "Other Dead" volume includes pulp and other materials which timber purchasers may elect to remove under supplemental agreements. The quantity of this "Other Dead" volume can vary a great deal depending upon available markets for these products. The removal of dead lodgepole pine timber is usually required and included in timber sale quantities.

EXPLANATION OF ABBREVIATIONS ON THE THREE-YEAR TIMBER SALE SCHEDULE TABLES:

The headings used on the following tables are as follows:

SALE NAME: , Self explanatory
 D: Ranger District number
 FY: Fiscal Year sale is expected to be advertised
 BB: 1 = Buyback; 2 = Reoffer; 3 = Default; 4 = Partial Buyback
 T_R: Land Survey Township and Range where the sale is located
 SECTION: Public Land Survey Sections where the sale is located
 EA: An "X" indicates that NEPA requirements have been satisfied either as a result of a determination that the project was categorically excluded from documentation or through completion of an Environmental Analysis (EA) or Environmental Impact Statement (EIS).
 MA: Management Areas involved in the sale.
 ACRES: Estimated acres to be harvested.
 VOLUME: Estimated timber volume to be harvested and the non-interchangeable component of that total, shown in parentheses, both in MMBF
 RD C: Estimated miles of new road construction.
 RD R: Estimated miles of road reconstruction.
 CUT TYPE: CC = Clear Cut
 OSR = Overstory removal
 ST = Seed Tree
 SW = Shelterwood
 SAN = Sanitation
 SAL = Salvage
 IT = Intermediate (Commercial Thin)
 TRAC: Sale percent expected to be yarded using tractors
 CAB: Sale percent expected to be yarded using cables (jammers)
 SKY: Sale percent to be skyline yarded (* = helicopter).

The following Three-Year Timber Sale Schedule contains significant volumes of timber that was previously returned to the Kootenai Forest under the Timber Payment Modification Act (Timber Buyback). In addition, the emphasis for the next several years is to harvest dead and dying lodgepole pine to minimize the current losses. The lodgepole pine salvage is utilizing the existing road network as much as possible. For these reasons and because Capital Investment roads are not included in this 3-year schedule, the total road construction mileages shown in the Three-Year Timber Sale Schedule for 1988-1990 will differ from the total road construction quantities shown in Table II-1 in Chapter II of the Forest Plan. It is estimated that the total road construction mileages shown in these two different Tables will be more similar in the latter part of the Forest Plan period.

SALE NAME	D	FY	BB	T_R	SECTION	EA	MA	ACRES	VOLUME	RD C	RD R	CUT TYPE	TRAC	CAB	SKY
Lower Larry	1	88		33 30	14-16 23 24		12	425	8.0 (1.0)	8.6	0.0	CC ST		100	
Sow	1	88	1	33 30	4 9		12	60	1.3 (0.0)	0.0	3.0	CC ST	100		
Lost Soul	1	88		33 30	23-26		12	605	9.8 (1.2)	3.2	5.0	CC ST	85	15	
Lost Soul (con't)	1	88		33 29	28-30										
Burro Creek	1	88	4	36 29	10 13-15 23 24		12	60	2.9 (0.2)	2.2	0.8	CC ST	70	30	
Flat McGuire	1	88		34 28	8-10 15-17		15	178	2.3 (0.2)	1.8	0.0	CC ST		100	
Donkey Oatey	1	88	1	36 29	15-17 20-22		12	222	7.1 (0.9)	0.0	8.0	CC ST	70	30	
Falls Creek	1	88	1	35 28	19-21		12	128	2.7 (0.0)	0.0	7.0	CC ST	100		
West Cadette	1	88		35 28	7 8 17 18		12	404	4.8 (0.0)	2.0	0.0		80	20	
P. 7990 A	1	88	1	33 28	13 14		12	21	0.5 (0.0)	0.0	0.0	CC ST	100		
P. 426	1	88	1	33 28	12 13		12	28	0.8 (0.0)	0.0	0.0	CC ST	100		
P. 425	1	88	1	33 28	11 14	X	12	32	0.9 (0.0)	0.0	0.0	CC ST	100		
Ziggy	1	88	1	33 29	25-27 36		16	78	1.2 (0.0)	0.0	3.0	CC ST	100		
Ziggy (con't)	1	88	1	33 28	30										
Upper Pink	1	88		34 27	4 9		15	68	0.8 (0.0)	0.8	0.0	ST	100		
Rocky Bug	1	88	1	34 28	30-33		15	103	1.8 (0.2)	0.0	4.0	CC	100		
Rocky Bug (con't)	1	88	1	33 28	5										
South Hill #1	1	88		33 30	4		12	75	0.9 (0.0)	0.8	0.7	CC ST	100		
South Hill #1 (con't)	1	88		32 30	32										
Tweedy Bird	1	88	1	34 28	31 32		15	161	2.4 (0.2)	0.0	3.0	CC	100		
Tweedy Bird (con't)	1	88	1	33 28	4 5										

Totals (Rexford 1988)

2,648 48.2 (3.9) 19.4 31.5

Last Fast	2	88		36 29		X	15	350	7.5 (1.9)	0.0	0.0	CC	40	60	
Lime	2	88		37 29		X	14	100	8.0 (2.8)	4.0	2.0	CC	60	40	
Lime (con't)	2	88					12	450							
Lower Basin	2	88		36 30		X	12	700	15.0 (5.3)	0.0	19.1	CC	35	65	
Lower Basin (con't)	2	88		37 30											
Luau	2	88		36 30		X	14	35	4.0 (1.5)	2.0	4.0	CC	90	10	
Luau (con't)	2	88					12	140							
Pork Basin	2	88		36 30		X	12	350	7.0 (1.8)	2.3	4.0	CC	70	30	
North Turner Cr PC	2	88		36 30		X	12	460	10.4 (3.4)	2.5	0.0	CC	85	15	
North Turner (con't)				36 31											
North Turner (con't)															
Small Sales	2	88					12	0	6.0 (1.2)	0.0	0.0				
Small Sales (con't)	2	88					14								

Totals (Yaak 1988)

2,585 57.9 (18.9) 10.8 29.1

SALE NAME	D	FY	BB	T_R	SECTION	EA	MA	ACRES	VOLUME	RD C	RD R	CUT TYPE	TRAC	CAB	SKY
Lower Swamp	3	88	1	33 27	25-27 35 36	X	15	300	3.2 (0.0)	0.0	0.0	ST IT	100		
Ketowke	3	88		33 24	29-31	X	12	190	3.0 (0.4)	0.8	1.8	CC ST	70	30	
Ketowke (con't)	3	88		33 25	25										
Harvey Creek	3	88		33 25	25 35 36		12	630	6.0 (0.0)	1.0	0.0	CC ST	100		
Harvey Creek (con't)	3	88		32 25	2 3 10 11										
Cliff Creek	3	88	4	33 27	19 20 29 30	X	12	420	5.5 (0.0)	0.0	0.0	CC ST	100		
Davis Basin	3	88		32 27	12-14 23-26		12	500	7.0 (0.9)	0.0	0.0	CC ST	100		
Small Sales	3	88	4				14	50	13.3 (1.2)	0.0	0.0	CC ST	95	5	
Small Sales (con't)	3	88					12	800				SAN SAL			
Small Sales (con't)	3	88					15	600				IT OSR			

Totals (Fortine 1988)

3,490 38.0 (2.5) 1.8 1.8

China Sheep	4	88		31 33	10	X	10	143	8.8 (1.3)	1.4	17.4	CC SW ST	30	5	65
China Sheep (con't)	4	88		31 32			11	23							
China Sheep (con't)	4	88		32 33			12	210							
China Sheep (con't)	4	88		32 32			18	9							
South Pony	4	88		30 34	20-22		11	78	4.6 (0.4)	0.5	0.5	CC SW	70		30
South Pony (con't)	4	88					12	109							
Long Goat	4	88		29 3		X	12	280	7.2 (0.0)	1.5	3.0	CC	30		70
Madge Creek	4	88		30 33		X	11	74	1.8 (0.0)	0.0	0.0	CC OSR SW	40	50	10
Madge Creek (con't)	4	88		29 33			17	52							
Small Sales	4	88					11	100	5.0 (0.0)	0.0	0.0	CC ST OSR+	100		
Small Sales (con't)	4	88					12	200				SW			
Small Sales (con't)	4	88					14	100							

Totals (Troy 1988)

1,378 27.4 (1.7) 3.4 20.9

Bigfootpe	5	88		33 32	16 20 21 28 29		15	600	17.1 (0.4)	0.0	0.0	CC ST	40	60	
Small Sales	5	88					15	200	6.8 (0.4)	0.0	0.0				
Small Sales (con't)	5	88					16	100		0.0	0.0				
Small Sales (con't)	5	88					11	100		0.0	0.0				
Small Sales (con't)	5	88					12	100		0.0	0.0				

Totals (Libby 1988)

1,100 24.5 (0.8) 0.0 0.0

THREE-YEAR TIMBER SALE IMPLEMENTATION SCHEDULE, 1988 through 1990 (continued)

SALE NAME	D	FY	BB	T_R	SECTION	EA	MA	ACRES	VOLUME	RD C	RD R	CUT TYPE	TRAC	CAB	SKY
Homesteader	6	88		26 28	24	X	15	680	11.8 (1.0)	7.0	0.0	ST	60	40	
Homesteader (con't)	6	88					18	35		0.0	0.0				
Head of Five Mile	6	88		32 27	20		15	275	3.3 (1.7)	4.5	0.0	ST CC	80	20	
Sanders Face	6	88		29 25	18		12	500	5.2 (1.8)	4.0	1.5	ST	100		
Sanders Face (con't)	6	88					18	120		0.0	0.0				
Alexander	6	88		31 30	24		12	450	4.5 (1.0)	9.0	8.0	ST CC	60	40	
Alexander (con't)	6	88					11	250		0.0	0.0				
Lost Street	6	88		33 30	36		12	154	3.2 (0.0)	1.6	2.0	CC ST	85	15	
Lost Street (con't)	6	88					15	63		0.0	0.0				
N. Fork Five Mile	6	88		32 27	7	X	12	250	2.0 (1.0)	3.5	0.0	CC ST	60	40	
South Dunn	6	88		30 28	21		12	425	3.5 (0.0)	7.0	0.0	CC ST	100		
Canyon Creek	6	88		30 28	4		15	300	3.0 (1.2)	3.0	1.0	ST	90	10	
Small Sales	6	88					12	1,500	10.5 (2.0)	6.0	6.0		70	30	
Small Sales (con't)	6	88					15	0		0.0	0.0				

Totals (Fisher River 1988)

5,002 47.0 (9.7) 29.6 18.5

McNeely	7	88		27 33	4 5	X	12	286	6.8 (0.0)	6.9	4.7	CC ST	53	7	40
Old Soldier	7	88		26 32	7 18	X	14	60	0.7 (0.0)	0.5	0.0	CC ST	10		90
S.W. Pilgrim	7	88		25 33	31	X	12	352	4.2 (0.0)	3.9	3.5	CC ST	30	14	56
Small Sales	7	88						0	1.0 (0.0)	0.0	0.0				

Totals (Cabinet 1988)

698 12.7 (0.0) 11.3 8.2

1988 GRAND TOTAL (All Districts)	ACRES	VOLUME	RD C	RD R
	16142	241.7 (25.0)	82.8	78.0

THREE-YEAR TIMBER SALE IMPLEMENTATION SCHEDULE, 1988 through 1990 (continued)

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SALE NAME	D	FY	BB	T_R	SECTION	EA	MA	ACRES	VOLUME	RD C	RD R	CUT TYPE	TRAC	CAB	SKY
Boar	1	89	1	33 20	5 8 9		12	92	1.9 (0.0)	0.0	6.0	CC ST	100		
Huckleberry	1	89	1	33 28	24 25 35 36		12	550	13.0 (0.0)	15.0	5.0	CC ST	80	20	
Huckleberry (con't)	1	89	1				19	50							
Huckleberry (con't)	1	89	1				24	20							
Pinkham Drudgery	1	89	1	33 28	10 11		12	78	3.0 (0.2)	0.0	2.0	CC	100		
Tweedy Bug	1	89	1	34 28	30-33		12	123	3.5 (0.0)	0.0	3.0	CC ST	100		
Tweedy Bug (con't)	1	89	1	33 28	5										
Lion Cable	1	89	1	35 28	22 27 28 33		12	153	2.8 (0.0)	0.0	0.0	CC	80	20	
Lion Cable (con't)	1	89	1				19								
Pinto 7231	1	89	1	34 30	12 13		15	82	2.7 (0.1)	0.0	0.0	CC ST	100		
Bruin Creek	1	89	1	33 30	8 16		12	234	6.4 (0.1)	0.0	12.0	CC ST	100		

Totals (Rexford 1989)

1,382 33.3 (0.4) 15.0 28.0

Mud Creek	2	89	1	37 31			11	100	15.0 (1.5)	0.0	0.0	CC ST SW	90	10	
Mud Creek (con't)	2	89	1	37 32			12	350							
Mud Creek (con't)	2	89	1				14	250							
Solo Joe	2	89		36 30			12	400	8.0 (1.3)	3.0	3.0	ST CC	60	40	
Solo Joe (con't)	2	89		36 31											
Solo Joe (con't)	2	89		37 30											
Upper Basin	2	89		36 30			14	150	16.1 (1.6)	0.0	5.6	CC SW	50	50	
Upper Basin (con't)	2	89					12	600							
Small Sales	2	89					12	0	12.0 (9.0)	0.0	0.0				
Small Sales (con't)	2	89					14								

Totals (Yaak 1989)

1,850 51.1 (13.4) 3.0 8.6

SALE NAME	D	FY	BB	T_R	SECTION	EA	MA	ACRES	VOLUME	RD C	RD R	CUT TYPE	TRAC	CAB	SKY
Advent Ridge	3	89	1	32 25	5-8 16-21	X	12	600	4.0 (0.0)	1.0	0.0	CC ST SN S	100		
Skillet South	3	89		32 26	23-27	X	12	150	3.0 (0.1)	0.7	0.0	CC ST	100		
Blessed Ridge	3	89	4	32 25	3-5 8-11 15 16 21	X	12	500	5.0 (0.4)	3.5	0.8	CC ST	100		
Middle Swamp	3	89	1	33 27	27 33-35	X	15	340	5.0 (0.4)	0.0	0.0	CC ST IT	100		
Lake Creek	3	89	4	32 27	2 3 9-11	X	12	300	3.0 (0.0)	1.5	0.0	CC ST	100		
Small Sales	3	89	4				11	100	14.0 (0.8)	0.0	0.0	CC ST	100		
Small Sales (con't)	3	89					12	600				SAN SAL			
Small Sales (con't)	3	89					14	50				OSR			
Small Sales (con't)	3	89					15	650				IT			

Totals (Fortine 1989)

3,290 34.0 (1.7) 6.7 0.8

Lookout Below	4	89		29 34	1 2 11	X	11	60	4.4 (0.0)	0.9	0.0	CC SW OSR	40	60	
Lkout Below (con't)	4	89		29 33	6		12	141							
Ferrel Creek	4	89		33 33	6 7		10	125	6.0 (0.0)	2.7	0.0	CC SW	40		60
Ferrel Crk (con't)	4	89		33 34	12 13		11	125							
Ferrel Crk (con't)	4	89					12	125							
North Fork Keeler	4	89		30 34	5 8 16 17 21 22	X	12	370	6.8 (0.0)	2.8	0.6	CC	10	10	80
N FK Keeler (con't)	4	89					24	2							
Small Sales	4	89					12	200	3.9 (0.0)	0.0	0.0	CC ST SW +	50	50	
Small Sales (con't)	4	89					16	100				SAN			

Totals (Troy 1989)

1,248 21.1 (0.0) 6.4 0.6

West Pipe	5	89		32 31	1 12 13		15	514	15.0 (0.1)	25.0	2.0	CC ST	50	50	
Noisy Blue	5	89	4	32 30	5 6 8 9 16		15	200	5.0 (0.0)	0.0	0.0	CC ST	100		
Small Sales	5	89					15	200	5.0 (0.0)	0.0	0.0				
Small Sales (con't)	5	89					16	100							
Small Sales (con't)	5	89					11	100							
Small Sales (con't)	5	89					12	100							

Totals (Libby 1989)

1,214 25.0 (0.0) 25.0 2.0

THREE-YEAR TIMBER SALE IMPLEMENTATION SCHEDULE, 1988 through 1990 (continued)

SALE NAME	D	FY	BB	T	R	SECTION	EA	MA	ACRES	VOLUME	RD C	RD R	CUT TYPE	TRAC	CAB	SKY
True Grit	6	89		25	29	2		14	340	3.4 (0.0)	13.8	1.2	ST	50	50	
True Grit (con't)	6	89						15								
True Grit (con't)	6	89						11						50	50	
True Grit (con't)	6	89						18						50	50	
Warland Creek	6	89		32	28	35		12	600	10.0 (2.0)	12.0	3.0	CC	90	10	
Warland Crk (con't)	6	89						11	200							
Cody Alder	6	89		30	29	26		15	500	2.5 (0.7)	4.0	3.0	ST	50	50	
Cody Alder (con't)	6	89						16	100							
Cody Alder (con't)	6	89						18	100							
Smoke Creek	6	89		27	29	11		15	250	4.0 (0.0)	6.0	1.0	CC ST	50	50	
Smoke Creek (con't)	6	89						11	100							
Smoke Creek (con't)	6	89						18	50							
Lightning Peak	6	89		29	28	28		15	175	2.5 (0.7)	5.5	1.0	ST	50	50	
Lightng Pk (con't)	6	89						11	100							
Davis Creek	6	89		26	27	18		15	400	7.2 (0.0)	9.5	3.0	ST	90	10	
Davis Creek (con't)	6	89						11	200							
Ant Out II	6	89	1	32	28	22		17	30	1.0 (0.0)	0.0	0.0	CC		100	
Ant Out II (con't)	6	89	1					16	30							
Ant Out II (con't)	6	89	1					15	15							
Small Sales	6	89						12	1,200	12.5 (3.5)	7.0	8.0		80	20	
Small Sales (con't)	6	89						15								

Totals (Fisher River 1989)

4,390 43.1 (6.6) 57.8 12.2

Jack's Gulch	7	89		26	34	20 30		12	450	5.0 (0.0)	6.9	2.0	CC ST	30	20	50
Dry Gulch Dixie	7	89		22	32	10 14	X	12	315	3.8 (0.0)	6.1	1.8	CC ST	35	20	45
Snake Face	7	89		28	32	29		14	150	1.5 (0.0)	0.0	8.5	CC ST	100		
Sims Creek	7	89		25	30	24 36		14	50	0.5 (0.0)	0.0	1.0	CC ST	100		
Small Sales	7	89							0	1.2 (0.0)	0.0	0.0				

Totals (Cabinet 1989)

965 12.0 (0.0) 13.0 13.3

1989 GRAND TOTAL (All Districts)	ACRES	VOLUME	RD C	RD R
	14259	218.3 (21.9)	137.9	73.2

THREE-YEAR TIMBER SALE IMPLEMENTATION SCHEDULE, 1988 through 1990 (continued)

SALE NAME	D	FY	BB	T_R	SECTION	EA	MA	ACRES	VOLUME	RD C	RD R	CUT TYPE	TRAC	CAB	SKY
Donkey I	1	90	1	36 29	16 17 21		12	82	1.7 (0.1)	0.0	3.0	CC ST	100		
Donkey II	1	90	1	36 29	9 10		12	14	2.4 (0.2)	0.0	0.0		45	55	
Donkey II (con't)	1	90	1				19	89							
Steep 255	1	90	1	34 30	7		15	32	0.7 (0.0)	0.0	0.0	CC ST	100		
Pinto Bean	1	90	1	34 30	2		15	15	0.2 (0.0)	0.0	0.0	ST	100		
Sutton Lion	1	90	1	35 28	35		15	61	0.9 (0.0)	0.0	0.0	ST	100		
Sutton Lion (con't)	1	90	1	34 28	2										
Cub	1	90	1	33 30	4		12	53	1.2 (0.0)	0.0	2.0	CC ST	100		
W. Lightning	1	90	1	35 28	13 24 25		15	208	2.8 (0.0)	0.0	7.0	CC ST IT	100		
W. Lightning (con't)	1	90	1	35 27	19 20 28 30										
Apple Pie	1	90	1	35 28	13 24 25		15	507	1.7 (0.0)	0.0	0.0	ST IT	100		
Apple Pie (con't)	1	90	1	35 27	19 20 28-30										
South Pinto	1	90	4	34 29	10 11 14 15 22-24		15	260	9.0 (0.0)	5.5	2.0	CC ST	85	15	
Pinto 255 Q	1	90	1	34 29	6		15	71	1.5 (0.0)	0.0	0.0	CC ST	100		
Pinto 255 Q (con't)	1	90	1	34 30	1										
Pinto 255 T	1	90	1	34 29	18		15	31	0.4 (0.0)	0.0	0.0	ST	100		
Pinto 255 R	1	90	1	34 30	1		15	46	0.7 (0.0)	0.0	0.0	ST	100		
Upper Dodge	1	90	1	36 29	2 3		15	123	1.7 (0.0)	0.0	0.0	CC ST	60	40	
Sutton Show	1	90	1	35 28	34		15	18	0.4 (0.0)	0.0	0.0	CC ST	100		
Helmer Sutton	1	90	1	35 28	34		15	19	0.2 (0.0)	0.0	0.0	ST	100		
Mr. Tweed	1	90	1	34 28	32-34		15	200	4.8 (0.4)	0.0	5.0	CC	100		
Mr. Tweed (con't)	1	90	1	33 28	3		12								
Brier Patch	1	90	1	33 28	7 13 18		12	70	2.3 (0.2)	0.0	7.0	CC ST	35	65	
P 429	1	90	1	33 28	11		12	39	1.9 (0.0)	0.0	0.0	CC ST	53	47	
Mid South	1	90	1	34 30	29 32		15	90	1.4 (0.0)	1.2	0.0	CC ST	100		

Totals (Rexford 1990)

2,028 35.9 (0.9) 6.7 26.0

Fowler	2	90		35 31			12	200	5.0 (0.5)	2.0	4.0	CC ST SW	70	30	
Fowler (con't)	2	90					14	50							
French OSR	2	90		37 32			12	1,300	7.0 (0.0)	0.0	3.0	OSR	100		
Mushroom	2	90		37 33			14	350	12.6 (0.0)	3.2	16.8	CC SW ST	90	10	
Porky II	2	90		36 29		X	12	400	8.0 (4.0)	3.0	3.0		60	40	
Porky II (con't)	2	90		36 30											
Small Sales	2	90					12	0	18.4 (9.0)	0.0	0.0				
Small Sales (con't)	2	90					14								

Totals (Yaak 1990)

2,300 51.0 (13.5) 8.2 26.8

THREE-YEAR TIMBER SALE IMPLEMENTATION SCHEDULE, 1988 through 1990 (continued)

SALE NAME	D	FY	BB	T	R	SECTION	EA	MA	ACRES	VOLUME	RD C	RD R	CUT TYPE	TRAC	CAB	SKY
Deep South	3	90		35	25	15 16 20-22 28 33	X	11	750	5.0 (0.0)	10.6	1.5	CC ST	100		
Deep South (con't)	3	90		34	25	3-5 9 10 14 23 24		17	100				IT			
Upper Lime	3	90		34	25	31-33	X	15	300	3.5 (0.0)	1.0	1.0	CC ST	100		
Upper Lime (con't)	3	90		33	25	4-9 16-18 20 21										
Silver Ridge	3	90		33	27	21 22 27 28		12	200	4.0 (0.0)	0.5	0.0	CC ST	100		
Silver Rdg (con't)	3	90						15	120							
Silver East	3	90		33	27	11 15 16		15	180	3.0 (0.2)	0.8	0.0	CC ST	100		
Small Sales	3	90						11	100	16.5 (1.7)	0.0	0.0	CC ST	100		
Small Sales (con't)	3	90						12	700				SAN SAL			
Small Sales (con't)	3	90						14	50				OSR			
Small Sales (con't)	3	90						15	800				IT			

Totals (Fortine 1990)

3,300 32.0 (1.9) 12.9 2.5

Ruby Revisited	4	90		32	35	13 24 25 26	X	12	240	4.4 (0.0)	2.9	0.3	CC	50	50	
YK II	4	90		33	33		X	11	220	6.4 (0.0)	3.5	0.0	CC SW OSR	50		50
YK II (con't)	4	90		32	34			12	210							
High Hare	4	90		32	33	15 21 22 28 29	X	14	103	4.4 (0.0)	0.6	1.9	CC OSR	40	20	40
High Hare (con't)	4	90						16	78							
Small Sales	4	90						11	100	5.0 (0.0)	0.0	0.0	CC ST SAN	50	50	
Small Sales (con't)	4	90						12	400							

Totals (Troy 1990)

1,351 20.2 (0.0) 7.0 2.2

Prospect Parmenter	5	90		29	31	6		11	400	6.0 (0.0)	7.0	0.0	CC ST OSR	50	50	
Prospect Parm (con't)	5	90		30	31	6 7 17-19 28 33		12	275							
Prospect Parm (con't)	5	90		30	32	1-3 12 13 24 25 36										
Prospect Parm (con't)	5	90		31	32	25 34-36										
Flower Cedar	5	90	1					14	300	6.0 (0.0)	0.0	0.0	CC ST OSR	50		50
Flower Cedar (con't)	5	90	1					16								
Small Sales	5	90						15	300	8.0 (0.0)	0.0	0.0				
Small Sales (con't)	5	90						16	200							
Small Sales (con't)	5	90						11	200							
Small Sales (con't)	5	90						12	100							

Totals (Libby 1990)

1,775 20.0 (0.0) 7.0 0.0

THREE-YEAR TIMBER SALE IMPLEMENTATION SCHEDULE, 1988 through 1990 (continued)

SALE NAME	D	FY	BB	T_R	SECTION	EA	MA	ACRES	VOLUME	RD C	RD R	CUT TYPE	TRAC	CAB	SKY
Upper Cripple Horse	6	90		31 28	23		15	175	4.0 (1.5)	4.0	0.0	CC ST	60	40	
Upper Crp Hrs (con't)	6	90					12	200							
Fawn Creek	6	90		29 29	30		15	300	5.0 (0.0)	5.0	3.0	CC ST	50	50	
Fawn Creek (con't)	6	90					11	100							
Fawn Creek (con't)	6	90					18	100							
Cripple Horse Heli.	6	90		31 28	10		16	300	3.0 (0.0)	0.0	0.0	CC			100*
Davis Mt P.C.	6	90		32 27	35		15	400	6.0 (1.8)	5.0	2.0	ST	90	10	
Raven	6	90		27 29	34		16	200	3.5 (0.0)	5.0	3.0	CC ST	50	50	
Raven (con't)	6	90			34		11	150							
Raven (con't)	6	90			34		12	150							
Brush Pecolet	6	90		28 29	4		15	300	3.0 (1.0)	5.0	3.0	CC ST	20	80	
Brush Pecolet (con't)	6	90					18	100							
East Raritan	6	90		26 29	22		15	400	2.0 (0.0)	1.0	2.0	SAL	100		
N. Fork Canyon	6	90		31 28	20		12	100	1.0 (0.0)	2.0	0.0	CC	100		
Shepard Mt.	6	90		30 26	9		12	120	1.5 (0.5)	1.4	0.9	CC	100		
North McKillup	6	90		28 29	35		12	120	1.0 (0.4)	2.0	1.5	CC ST	50	50	
Small Sales	6	90					12	800	10.0 (3.2)	3.0	3.0		80	20	
Small Sales (con't)	6	90					15								

Totals (Fisher River 1990)

4,015 40.0 (8.4) 33.4 18.4

Washtub	7	90		27 32	31 32		14	175	2.0 (0.1)	2.8	0.0	CC ST	50	50	
Wilton-Granite	7	90		24 32	33 34		12	350	6.5 (0.0)	14.4	6.9	CC ST	10	30	60
Powerview	7	90		25 31	10 16		23	150	2.0 (0.2)	6.1	6.3	CC ST	5	30	65
Powerview (con't)	7	90					11	150							
Canyon Berry	7	90		24 31	10-12		14	90	1.0 (0.0)	1.5	6.4	CC ST	10	30	60
Cany n Bry (con't)	7	90					18	55							
Small Fry	7	90		24 32	25 26 36	X	11	123	1.5 (0.0)	3.9	1.3	CC ST	80		20
Small Sales	7	90						0	0.7 (0.0)	0.0	0.0				

Totals (Cabinet 1990)

1,093 13.7 (0.3) 28.7 20.9

1990 GRAND TOTAL (All Districts)	ACRES	VOLUME	RD C	RD R
	16551	213.3 (22.0)	103.9	98.8

KOOTENAI NATIONAL FOREST

FOREST PLAN

APPENDIX TWELVE

INDICATOR SPECIES

Appendix 12

INDICATOR SPECIES

About 280 different species of wildlife occupy the Kootenai National Forest. Addressing the habitat needs of these species individually is a monumental task, but grouping these species into groups with similar habitat preferences provides a workable approach. Species were placed in one of ten groups, depending on their habitat preferences for feeding and reproduction. This is a similar approach to that explained in Agricultural Handbook 553 (1979). For each of these groups a particular species was identified as an indicator species, to act as a barometer of change in that particular habitat. In most cases, a bird and a mammal were identified to increase the chances for accurate monitoring.

Selecting an indicator species is difficult. The potential candidates should be selective in their habitat needs, capable of being monitored, and numerous enough so they can be monitored in sufficient quantity. Ideally they should be species about which a great deal is known. The key criteria used in the selection of the final indicator species on the Kootenai National Forest was: (1) The species can be easily monitored, and (2) The species is susceptible to changes resulting from management activities. For more information on the selection of the indicator species, see Chapter III in the Final EIS.

The following is the list of indicator species that will be monitored on the Kootenai National Forest:

Threatened and Endangered Species

Grizzly bear
Grey Wolf
Bald Eagle
Peregrine Falcon

Habitat Dependency

general forest
general forest
rivers and lakes
cliffs

Species Hunted, Fished and Trapped

Elk
Whitetail Deer
Mountain Goat

Habitat Dependency

general forest
general forest
alpine

Other Species

Pileated Woodpecker

Habitat Dependency

Snags, old-growth timber

KOOTENAI NATIONAL FOREST

FOREST PLAN

APPENDIX THIRTEEN

WITHDRAWAL CRITERIA

Appendix 13
WITHDRAWALS

This section pertains to administrative withdrawals which are generally used to protect small, high-value sites from mineral activity. It does not pertain to legislative withdrawals enacted by Congress for such specially designated lands as wilderness. Under the terms of the Federal Land Management Policy Act, the Kootenai must complete a review of all withdrawals on the Forest by 1991. This Appendix summarizes how the Forest intends to accomplish that task.

1. Evaluation Criteria

- a. Withdrawals will be used only for "locatable" minerals subject to appropriation under the mining laws. Withdrawal will not be used for "leasable" minerals such as oil and gas because the Forest has the ability to prevent lease activity in any given area. Means for accomplishing this include such things as use of "No Surface Occupancy" stipulations and denial of lease offers.
- b. Withdrawals will be retained or new withdrawals requested to preserve unique resource areas where no reasonable alternative to withdrawal will provide adequate protection and the area will not survive without undue damage or impacts caused by mineral development. (Research Natural Areas are an example of this.)
- c. Mineral withdrawal will generally not be sought for Kootenai Forest land actually used and occupied by the Forest, as established by structures, other physical improvements, or the use of the land, in such a way to put a person on notice that the land is occupied. Such use "appropriates" the land.
- d. Withdrawal will be used to protect certain high-value Federal improvements where relocation or replacement is impractical. "Impractical" means that there would be an added cost or inconvenience to the Forest Service which could not be adequately compensated for in a mineral Plan of Operations. Ranger Stations would fall in this category.
- e. Areas under special use permits to non-Federal agencies or private persons are not considered "appropriated". Permittees will be notified that their use is not protected from mineral development if such use is in an area that is not withdrawn. A mineral withdrawal may be proposed at the discretion of the Forest Supervisor but the permittee will normally be expected to fund preparation of a mineral report and other material necessary to process the withdrawal.
- f. For areas that are currently withdrawn where retention of the withdrawal is proposed, an evaluation will be conducted to determine whether the area withdrawn is too small or too extensive.
- e. Mineral potential will be given consideration in all withdrawal reviews. High or low potential will not automatically result in a decision to withdraw or not but this information will be considered along with the other criteria. Generally, the need to pursue withdrawals will be seen as less strong in areas of low potential.

2. Processing and Program Review

- a. Determination of need for the withdrawal will be based on the criteria above.
- b. Each withdrawal case will be processed using the requirements outlined in Section 204 of FLPMA (P.L. 94-579) and 43 CFR 2310.
- c. Timing priorities for each of the cases will be established so that cases involving a potential management conflict because of the current withdrawal status of the area will be handled first. Cases in areas where legislative withdrawal is anticipated will be treated last as there may be no need to protect these sites with an administrative withdrawal.

The tentative schedule for withdrawal review on the Forest is as follows:

<u>YEAR</u>	<u>CASES</u>	<u>NO.</u>
1987	1. Sites where current withdrawal status may directly conflict with ongoing programs or projects.	15
	2. General recreation, administrative, and Ranger Station sites on Rexford and Yaak Ranger Districts.	<u>13</u>
	YEAR TOTAL:	28
1988	1. General recreation, administrative, and Ranger Station sites on Fortine, Troy, and Libby Ranger Districts.	<u>36</u>
	YEAR TOTAL:	36
1989	1. General recreation, administrative, and Ranger Station sites on Fisher River and Cabinet Districts.	18
	2. Interational Boundary Strip	1
	3. Libby Dam Project	<u>1</u>
	YEAR TOTAL:	20
1990	1. Lookout towers. (Withdrawal analysis likely to be affected by Forest tower management plan to be developed.)	22
	2. Additional sites within areas currently expected to be withdrawn legislatively if such action hasn't taken place.	1
	3. Additional sites within areas Forest is trying to exchange out of if such exchanges haven't taken place.	3
	4. Other areas such as recreation areas, etc.	<u>6</u>
	YEAR TOTAL:	32

(Note: Withdrawal review of Research Natural Areas may have to be deferred from 1987 until a later date as it is uncertain when RNA's will be approved. Cases from following years would be moved forward to 1987 accordingly.)

KOOTENAI NATIONAL FOREST

FOREST PLAN

APPENDIX FOURTEEN

INVENTORY OF WITHDRAWALS

KOOTENAI INVENTORY OF WITHDRAWALS
(Existing, Pending, Proposed Additions, Proposed Revocations)

Serial No.	Name of Site	Action	Legal Description	Township	Range	Acreage	District	PY to Accomplish by
M034538	Big Creek Recreation Area	Revoke	All NPSL in the S1/2 S1/2NW1/4SW1/4, Sec. 2	34N	29W	9.00	1	1987
	Big Creek Research Natural Area	Proposed	Secs. 2 & 3	34N	29W	190.00	1	1987
M1188	Black Butte Lookout	Revoke	NE1/4SW1/4SW1/4, Sec. 20	36N	27W	10.00	1	1990
M067221	Camp 32 Recreation Area	Retraet Proposal	S1/2NW1/4SW1/4 & N1/2NE1/4SW1/4, Sec. 35	36N	28W	25.00	1	1987
	International Boundary Strip USA-Canada	Revoke	Secs. 4-6	37N	24W	18.20	1, 2 & 3	1989
			Secs. 1-6	37N	25W	43.68		
			Secs. 1-6	37N	26W	41.86		
			Secs. 2-6	37N	28W	25.48		
			Secs. 1-6	37N	29W	43.68		
			Secs. 1-6	37N	30W	43.68		
			Secs. 1-6	37N	31W	43.68		
			Secs. 1-6	37N	32W	43.68		
			Secs. 1-6	37N	33W	43.68		
			Sec. 1	37N	34W	2.52		
						350.14		
						Total		
M-072057	Libby Dam Project	Retain/ Revoke	Along Reservoir between FDR and Highway 37	Various	Various	43,263.21	1 & 6	1989
	McGuire Mtn Lookout	Defer	S1/2S1/2, Sec. 22; N1/2N1/2, Sec. 27	33N	28W	10.00	1	1990
M45197	Mud Lake Lookout	Revoke	NE1/4NE1/4, Sec. 25	36N	28W	40.00	1	1990

KOOTENAI INVENTORY OF WITHDRAWALS
(Existing, Pending, Proposed Additions, Proposed Revocations)

Serial No.	Name of Site	Action	Legal Description	Township	Range	Acreage	District	FY to Accomplish by
	Peck Gulch Recreation Site *Already withdrawn under Libby Dam project.	Proposed	SE1/4NE1/4, NE1/4SE1/4, Sec. 11	34N	29W	80.00	1	1987
M1188	Pinkham Mountain Lookout	Revoke	NE1/4NW1/4NE1/4, Sec. 9	33N	27W	10.00	1	1990
M42159	Rexford Ranger Station	Revoke	NW1/4NE1/4, Sec. 29	36N	28W	40.00	1	1987
	Rexford Ranger Station	Proposed	SW1/4NW1/4 & NW1/4SW1/4, Sec. 11	36N	27W	29.06	1	1987
	Rexford Bench Recreation Site	Proposed	Sec. 19 E1/2NE1/4, E1/2NW1/4, E1/2SE1/4NE1/4, Sec. 12	36N	28W	180.00	1	1987
	Robinson Mtn Lookout	Defer	SW1/4SW1/4, Sec. 17	37N	29W	10.00	1	1990
	Tobacco Plains Boat Ramp	Proposed	NW1/4SW1/4NW1/4, SE1/4NW1/4NW1/4, Sec. 20; SE1/4NE1/4NE1/4, NE1/4SE1/4NE1/4, Sec. 19	37N	27W	40.00	1	1987
M1188	Webb Mountain Lookout	Revoke	NE1/4NW1/4NW1/4, Sec. 10	35N	29W	10.00	1	1990
M1188	Baldy Mountain Lookout	Revoke	NE1/4NW1/4, Sec. 6	35N	33W	10.00	2	1990
M034538	Caribou Creek Recreation Area	Retain	Sec. 21 Sec. 22 Sec. 28	37N	30W	12.65	2	1987

KOOTENAI INVENTORY OF WITHDRAWALS
(Existing, Pending, Proposed Additions, Proposed Revocations)

Serial No.	Name of Site	Action	Legal Description	Township	Range	Acreage	District	FY to Accomplish by
M1188	Garver Mountain Lookout	Defer	SE1/4SW1/4NE1/4, Sec. 32	37N	32W	10.00	2	1990
	Hoskins Lake Research Natural Area	Proposed	Secs. 8 & 17	36N	31W	300.00	2	1987
M1188	Mount Henry Lookout	Revoke	NE1/4NW1/4 SW1/4, Sec. 17	36N	30W	10.00	2	1990
	Olson Flat Administrative Site	Revoke	SW1/4SW1/4NW1/4, Sec. 3	35N	32W	45.00	2	1987
M034538	Pete Creek Recreation Area	Revoke	S1/2NE1/4NE1/4, Sec. 5	35N	32W	20.00	2	1987
	Pete Creek Meadows Research Natural Area	Proposed	Secs. 13 & 24	37N	33W	120.00	2	1987
M034538	Red Top Creek Recreation Area	Revoke	S1/2E1/2NE1/4NE1/4, Sec. 31	35N	33W	20.00	2	1987
	Sylvanite Ranger Station	Retain	Sec. 9 Sec. 10	34N	33W	94.30	2	1987
M014987	Sylvanite Administrative Site	Retain	Sec. 9 Sec. 10	34N	33W	90.00	2	1987
M060295	Upper Ford Work Center Admin. Site	Retain	Lot 7, Sec. 6; Lot 1, Sec. 7	36N	31W	69.13	2	1987
	West Fork Yaak Falls	Proposed	NW1/4, Sec. 32	37N	31W	80.00	2	1987
M13651	Whitetail Campground Expansion	Revoke	Sec. 6 Sec. 1 Sec. 31 Sec. 36	35N 35N 36N 36N	32W 33W 32W 33W	Total 86.41	2	1987

KOOTENAI INVENTORY OF WITHDRAWALS
(Existing, Pending, Proposed Additions, Proposed Revocations)

Serial No.	Name of Site	Action	Legal Description	Township	Range	Acreage	District	FY to Accomplish by
M034538	Whitetail Creek Recreation Area	Revoke	N1/2N1/2SE1/4, Sec. 1	35N	33W	40.00	2	1987
M44296	Ant Flat Administrative Site	Retain	SE1/4, Sec. 7	34N	25W	80.00	3	1988
M1188	Big Therriault Lake Rec. Area	Retain	SE1/4SW1/4, Sec. 29	37N	25W	30.00	3	1988
M44296	Bunch Grass Flat Ranger Station	Revoke	SW1/4, Sec. 6	35N	25W	151.76	3	1988
M034538	East Dickey Lake Recreation Area	Retain	Lot 3, Sec. 14	34N	25W	7.62	3	1988
M1188	Frank Lake Recreation Area	Revoke	Lot 1, Sec. 17	35N	26W	35.31	3	1988
	Green Mountain (Ten Lakes Acquisition, 1980)	Retain/ Revoke	Sec. 23 Sec. 24	37N	26W	15.37	3	1990
M034538	Lower Therriault Lake Rec. Area	Retain	S1/2SE1/4NE1/4 Sec. 30	37N	25W	13.00	3	1988
M1188	Marston Lookout	Revoke	SW1/4NW1/4SE1/4, Sec. 26	35N	25W	10.00	3	1990
M049429	Murphy Lake Administrative Site	Retain	E1/2NE1/4SE1/4 Sec. 6	34N	25W	20.00	3	1988
M1188	Murphy Lake Recreation Area	Retain	Lot 11, Sec. 5; Lot 1, Sec. 8	34N	25W	43.60	3	1988
M034538	Murphy Lake Recreation Area	Retain	Lots 5 & 8, Sec. 5	34N	25W	28.28	3	1988
M034538	North Dickey Lake Recreation Area	Retain	Lot 2, Sec. 9	34N	25W	18.25	3	1988

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Serial No.	Name of Site	Action	Legal Description	Township	Range	Acreage	District	PY to Accomplish by
M067221	Rock Lake Recreation Area	Pending	S1/2, Lot 6, Sec. 6	35N	26W	78.61	3	1990
M034538	South Dickey Lake Recreation Area	Retain	Lot 4, Sec. 15	34N	25W	16.08	3	1988
M1188	South Dickey Lake Recreation Area	Revoke	Lot 6, Sec. 15	34N	25W	43.95	3	1988
M1188	Stahl Peak Lookout	Retain	E1/2SE1/4SE1/4, Sec. 33	37N	25W	10.00	3	1990
M1188	Sunday Mountain Lookout	Revoke	SW1/4NE1/4SE1/4, Sec. 29	33N	25W	10.00	3	1990
M42111	Twin Meadows Ranger Station	Revoke	NE1/4, Sec. 29	32N	26W	62.00	3	1988
M034538	Upper Therriault Lake Rec. Area	Retain	SE1/4SE1/4SW1/4, Sec. 29; E1/2NE1/4NW1/4, Sec. 32	37N	25W	27.00	3	1988
M1188	Bad Medicine Recreation Area	Retain	Lot 4, Sec. 4	28N	33W	10.00	4	1988
M42178	Callahan Creek Administrative Site	Revoke	W1/2NE1/4, E1/2NW1/4, Sec. 23	31N	34W	160.00	4	1988
M060295	Dorr Skeels Recreation Area	Retain	Lot 1, Sec. 20	29N	33W	45.90	4	1988
M45196	Kilbrennen Administrative Site	Revoke	NE1/4, Sec. 29	33N	33W	22.50	4	1988

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Serial No.	Name of Site	Action	Legal Description	Township	Range	Acreage	District	PY to Accomplish by
	King Mountain Microwave Site	Proposed	SW1/4SW1/4SW1/4, Sec. 35;	32N	33W	10.00	4	1987
			SE1/4SE1/4SE1/4, Sec. 34;	32N	33W	10.00		
			NW1/4NW1/4NW1/4, Sec. 2	31N	33W	10.00		
			N1/2NE1/4, Sec. 3	31N	33W	40.00 70.00		
						Total		
M41926	Last Chance Administrative Site	Revoke	S1/2, Sec. 5; N1/2, Sec. 8	32N	34W	194.02	4	1988
M034538	Lower Spar Lake Recreation Area	Revoke	NW1/4NE1/4SE1/4, Sec. 22	29N	34W	10.00	4	1987
M034538	Ross Creek Cedar Natural Area	Retain	Sec. 12	28N	34W	100.00	4	1988
M067221	Ross Creek Recreation Area	Pending	S1/2NE1/4NE1/4 Sec. 12	28N	34W	20.00	4	1988
	Ross Creek Research Natural Area (380 acres within Scotchman Rec. Wild)	Proposed	Secs. 11 & 12	28N	34W	720.00	4	1987 (defer)
M41927	Troy Ranger Station	Retain	E1/2E1/2, Sec. 2	31N	34W	159.31	4	1988
M42166	Troy Ranger Station	Revoke	Lots 3 & 7, Sec. 1	31N	34W	67.83	4	1988
M034538	Upper Spar Lake Recreation Area	Revoke	S1/2SE1/4SE1/4, Sec. 16	29N	34W	15.00	4	1988

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Serial No.	Name of Site	Action	Legal Description	Township	Range	Acreege	District	FY to Accomplish by
M034538	West Bull Lake Recreation Site	Retain	Lots 1 & 5, Sec. 4	28N	33W	27.30	4	1988
M067221	Yaak Falls Recreation Area	Pending	W1/2NW1/4NW1/4, Sec. 9	33N	33W	20.00	4	1988
M1188	Yaak Mountain Lookout	Revoke	SE1/4SW1/4SW1/4, Sec. 2	32N	34W	10.00	4	1990
	Yaak River Campground Rec. Site	Proposed	N1/2 Lot 1, Sec. 8; All of Lots 7 & 12, Sec. 5; SE1/4SE1/4, NE1/4SE1/4, Sec. 5	32N	34W	24.50 43.29 <u>80.00</u> 147.79 Total	4	1988
M1188	Big Creek Baldy Lookout	Retain	SW1/4NW1/4SE1/4, Sec. 12	33N	31W	10.00	5	1990
M1188	Big Swede Lookout	Revoke	SW1/4 of Lot 2, Sec. 17	30N	30W	10.00	5	1990
M1188	Blue Mountain Lookout	Revoke	S1/2NE1/4NE1/4, Sec. 32	32N	30W	20.00	5	1990
M1188	Horse Mountain Lookout	Revoke	SW1/4SW1/4SW1/4, Sec. 33	28N	30W	10.00	5	1990
M060295	Howard Lake Recreation Area	Retain	NE1/4, Sec. 13	27N	31W	15.00	5	1988
M067221	Howard Lake Recreation Area	Pending	NE1/4, Sec. 13	27N	31W	35.00	5	1988
M014987	Lake Creek Campground	Revoke	S1/2SW1/4SE1/4, Sec. 5; N1/2NW1/4NE1/4, Sec. 8	26N	30W	40.00	5	1988

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Serial No.	Name of Site	Action	Legal Description	Township	Range	Acreage	District	FY to Accomplish by
M034538	Libby Ranger Station Admin. Site	Retain	S1/2S1/2NE1/4, NE1/4SE1/4, Sec. 34	31N	31W	80.00	5	1988
M034538	Loon Lake Recreation Site	Revoke	SW1/4NE1/4NE1/4, Sec. 25	33N	32W	10.00	5	1988
	Norman Mountain Research Natural Area	Proposed	(Within the Cabinet Mtn. Wilderness Adds) Secs. 2-5 & 8-11	30N	32W	1100.00	5	1987 (defer)
	Parmenter Research Natural Area	Proposed	Sec. 12	30N	32W	60.00	5	1987
M067221	Paul Bunyan Recreation Area	Retract Proposal	S1/2, Sec. 30	29N	30W	45.00	5	1990
M42166	Pipe Creek Administrative Site	Revoke	NW1/4NE1/4, NE1/4NW1/4 Sec. 2	31N	31W	80.00	5	1988
M1188	Scenery Lookout	Revoke	NE1/4SW1/4SE1/4, Sec. 29	31N	32W	10.00	5	1990
M42163	Swamp Creek Administrative Site	Revoke	NE1/4SE1/4, Sec. 11; W1/2W1/2NW1/4SW1/4, Sec. 12	27N	30W	50.00	5	1988
M067221	Timberlane Recreation Area	Retract Proposal	S1/2, Sec. 35	32N	31W	35.00	5	1990
M1188	Turner Mountain Winter Sports Area	Retain	S1/2NW1/4, N1/2SW1/4, W1/2SE1/4, Sec. 20	33N	31W	240.00	5	1988
M034538	Turner Recreation Area	Retain	N1/2SW1/4SW1/4, Sec. 21	33N	31W	20.00	5	1988

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Serial No.	Name of Site	Action	Legal Description	Township	Range	Acreage	District	PY to Accomplish by
M42161	Big Bend Administrative Site	Revoke	SW1/4, Sec. 8	30N	29W	160.00	6	1989
M1188	Calx Mountain Lookout	Revoke	SE1/4NW1/4NE1/4, Sec. 10	28N	27 1/2W	10.00	6	1990
	Colonite Creek Recreation Area	Retract	NW1/4, Sec. 2	25N	29W	25.00	6	1990
M42110	Fairview Ranger Station	Retain	NW1/4NE1/4, N1/2NW1/4, SE1/4NW1/4, Sec. 22	30N	27W	160.00	6	1989
M1188	Horse Hill Lookout	Revoke	SW1/4 of Lot 3, Sec. 30	30N	26W	10.00	6	1990
M1188	Keneilty Mountain Lookout	Revoke	SE1/4NE1/4SE1/4, Sec. 22	27N	29W	10.00	6	1990
M1624	McGregor Lake Recreation Area	Revoke	Lots 2, 3, & 4, Sec. 12	26N	26W	94.16	6	1990
M034538	Pleasant Valley Recreation Area	Revoke	SE1/4 of Lot 16, Sec. 2	26N	29W	10.00	6	1990
M034538	Raven Ranger Station Admin. Site	Revoke	Lots 9, 10 & 16, Sec. 2	26N	29W	50.00	6	1990
M1188	Sylvan Lake Recreation Area	Revoke	Lots 2 & 3, Sec. 24	25N	29W	86.86	6	1989
M46099	Warland Ranger Station	Revoke	Lot 6, Sec. 27; Lot 2, Sec. 34	32N	29W	76.63	6	1989
M40608	Wolf Creek Administrative Site	Revoke	N1/2NW1/4, Sec. 20	29N	27W	80.00	6	1989

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	Wolf/Weigel Research Natural Area	Proposed	Secs. 1 & 12	31N	27W	240.00	6	1987
M1188	Ziegler Mountain Lookout	Revoke	SW1/4NE1/4SE1/4, Sec. 31	33N	28W	10.00	6	1990
M40629	Baker Administrative Site	Revoke	SW1/4, Sec. 28; N1/2NW1/4NW1/4, Sec. 33	28N	33W	89.00	7	1989
M036030	Big Eddy Recreation Area	Retain	Lot 3, Sec. 25	27N	34W	16.25	7	1989
M024160	Bull River Bay Recreation Area	Retain	N1/2NW1/4, Sec. 10	26N	33W	32.50	7	1989
M42169	Bull River Ranger Station	Retain	W1/2, Sec. 7; E1/2, Sec. 12	27N 27N	32W 33W	79.28	7	1989
M42173	Grasshopper Site	Revoke	Lots 2 & 3, Sec. 3; SE1/4NW1/4, Sec. 3	26N	33W	100.00	7	1989
M42174	Horse Thief Ranger Station	Revoke	Lot 12, Sec. 4	27N	33W	10.00	7	1989
M028307	Jack Pine Flats Recreation Area	Revoke	NW1/4, Sec. 12	22N	32W	65.00	7	1989
	Noxon Administrative Site	Retain	Lot 8, Sec. 24	26N	33W	36.59	7	1989
M42172	Noxon Administrative Site	Retain	E1/2SE1/4, Sec. 24	26N	33W	80.00	7	1989

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M3959	Rock Meadows Recreation Area	Revoke	N1/2, Sec. 6	26N	31W	170.00	7	1987
M42167	Rolling Rock Ranger Station	Revoke	NW1/4, Sec. 24	27N	34W	3.70	7	1990
M42164	Swamp Creek Ranger Station	Revoke	S1/2SW1/4, Sec. 20	25N	31W	60.00	7	1989
M1418	Trout Creek Administrative Site (New Station)	Retain	Lots 6 & 7, NE1/4SW1/4, Sec. 6	24N	31W	105.83	7	1990
M42167	Trout Creek Ranger Station (Old Site)	Revoke	NE1/4, Sec. 24	24N	32W	160.00	7	1989
	Ulm Peak Research Natural Area	Proposed	Portions of Secs. 22, 23, 26, & 27	25N	34W	690.00	7	1987
M40607	White Pine Ranger Station	Revoke	Lots 2 & 3, Sec. 14	23N	31W	92.06	7	1989
M036030	Willow Creek Recreation Area	Retain	SW1/4NW1/4NW1/4, Sec. 3; SE1/4NE1/4NE1/4, Sec. 4	24N	29W	20.00	7	1989