

Appendix 1: Specific Unit Treatments

Alternative 2a Specific Unit Treatments

Unit	MA	Acres	Alternative 2a Actions	Logging System	Slashing	fuels
01	11	17	clearcut w/reserves	Tractor/Winter	slashing	underburn
02	11	16	clearcut w/reserves	Tractor/Winter	slashing	underburn
03	11	20	clearcut w/reserves	Tractor/Winter	slashing	spot grapple
04	11	20	seedtree w/reserves	Tractor/Winter	slashing	grapple
10	12	9	clearcut w/reserves	Tractor	slashing	grapple
11	12	27	seedtree w/reserves	Tractor/Winter	slashing	yard tops
12a	12	19	seedtree w/reserves	Tractor/Winter	slashing	grapple
13	12	39	clearcut w/reserves	Tractor/Winter	slashing	grapple
13a	12	23	clearcut w/reserves	Tractor/Winter	slashing	grapple
17	11	131	thinning	Tractor/Winter		grapple/underburn
18	12	20	clearcut w/reserves	Tractor/Winter	slashing	underburn
20	12	40	thinning	Tractor/Winter		Spot grapple
32	14	40	clearcut w/reserves	Tractor/Winter	slashing	underburn
33	14	27	clearcut w/reserves	Tractor/Skyline	slashing	grapple/underburn
34	14	68	thinning	Tractor Swing		underburn
36a	14	21	seedtree w/reserves	Tractor	slashing	underburn
37	11	35	thinning	Tractor		underburn
40	11	17	seedtree w/reserves	Tractor	slashing	underburn
43	11	18	thinning	Tractor		grapple
43a	11	21	thinning	Skyline		underburn
44	11	18	seedtree w/reserves	Skyline	slashing	yard tops/jackpot
45	11	32	clearcut w/reserves	Tractor	slashing	underburn
45a	11	20	clearcut w/reserves	Skyline	slashing	yard tops/jackpot
46	11	15	clearcut w/reserves	Tractor	slashing	underburn
47	11	22	thinning	Skyline		underburn
49	11	22	clearcut w/reserves	Tractor	slashing	yard tops
50	11	15	clearcut w/reserves	Tractor	slashing	yard tops
50a	11	37	clearcut w/reserves	Skyline	slashing	yard tops
55	11	2	salvage	Tractor		yard tops
55a	11	1	salvage	Tractor		yard tops
55b	11	1	salvage	Tractor		yard tops
55c	11	1	salvage	Skyline		yard tops
55d	11	1	salvage	Skyline		yard tops
55e	11	1	salvage	Skyline		yard tops
55f	11	2	salvage	Tractor		yard tops
55g	11	1	salvage	Skyline		yard tops
55h	11	4	salvage	Skyline		yard tops
55i	11	5	salvage	Skyline		yard tops
55j	11	13	thinning	Tractor		yard tops
55k	14	26	clearcut w/reserves	Skyline	slashing	yard tops
60	14	40	seedtree w/reserves	Tractor	slashing	grapple
Commercial Harvest Total		907 Acres				

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Unit	MA	Acres	Alternative 2a Actions	Logging System	Slashing	fuels
61	11	25	Thin-defensible space	Clipper	slashing	Grapple/handpile
100	11	15	precommercial thin			lop and scatter
101	11	24	precommercial thin			lop and scatter
102	11	16	precommercial thin			lop and scatter
103	12	37	precommercial thin			lop and scatter
104	12	36	precommercial thin			lop and scatter
105	12	6	precommercial thin			lop and scatter
106	12	4	precommercial thin			lop and scatter
107	12	22	precommercial thin			lop and scatter
108	12	64	precommercial thin			lop and scatter
109	12	23	precommercial thin			lop and scatter
110	15	36	precommercial thin			lop and scatter
111	12	27	precommercial thin			lop and scatter
112	21	11	precommercial thin			lop and scatter
113	12	44	precommercial thin			lop and scatter
114	12	31	precommercial thin			lop and scatter
115	12	26	precommercial thin			lop and scatter
116	12	27	precommercial thin			lop and scatter
117	11	1	precommercial thin			lop and scatter
118	14	2	precommercial thin			lop and scatter
119	14	9	precommercial thin			lop and scatter
120	11	30	precommercial thin			lop and scatter
121	11	24	precommercial thin			lop and scatter
PCT Total		515 Acres				
Burn B	11	49	ecosystem burn		slashing	
Burn C	11	27	ecosystem burn		slashing	
Burn D	11	60	ecosystem burn		slashing	
Burn E	11	62	ecosystem burn		slashing	
Burn F	11	52	ecosystem burn		slashing	
Burn G	2	104	wildlife burn			
Burn G	11	129	wildlife burn			
Burn H	2	186	wildlife burn			
Burn I	10	49	wildlife burn			
Burn Total		718 Acres				

HAUL ROUTE BMP WORK (Funded through Timber Sale Receipts)

RD. #	WATERSHED	LOCATION	ACTION (Committed Work)	WATERSHED PRIORITY*
14140	Yaak Trib - Little	MP 0-0.23	Apply Best Management Practices	Low
435	Spread	MP 30.51-31.98	Apply Best Management Practices	Moderate
435X	Yaak Trib 21	MP 0-0.57	Apply Best Management Practices	Low
435Y	Yaak Trib 21	MP 0-1.37	Apply Best Management Practices Replace undersized culvert at 1.34	Low
4351	Yaak Trib 21	MP 0-0.19	Apply Best Management Practices	Low
472	Burnt Tribs	MP 0-7.73	Apply Best Management Practices Replace culverts at MP 2.25, MP 2.32 and 2.35	High
593	Cool	MP 6.19-7.44	Apply Best Management Practices Replace undersized culvert at MP 6.58.	Moderate
593	Yaak Tribs	MP 7.44-12.02	Apply Best Management Practices	Low
593R	Cool	MP 0-0.21	Apply Best Management Practices	Low
5932	Spread	MP 0-0.87	Apply Best Management Practices	Moderate
595	Cool	MP 0-1.09	Apply Best Management Practices Replace fish barrier culvert	Low
902	Little, Pheasant, Burnt Tribs	MP 0-3.41	Apply Best Management Practices Add ditch relief and road surface drainage structures, replace culverts between MP 1.25 and MP 3.55	High
902	Pheasant	MP 15-15.77	Apply Best Management Practices	Low
902X	Burnt Tribs	MP 0-0.2	Apply Best Management Practices	Moderate
902Y	Burnt Tribs	MP 0-1.4	Apply Best Management Practices	Moderate
902Z	Burnt Tribs	MP 0-2.10	Apply Best Management Practices	Moderate
6084	Lang	MP 0-2.74	Apply Best Management Practices	Moderate
6084A	Lang	MP 0-1.68	Apply Best Management Practices	Moderate
6084C	Lang	MP 0-0.57	Apply Best Management Practices	Moderate
6132	Burnt	MP 0-0.28	Apply Best Management Practices	High
8021	Yaak Tribs, Little, Lucky Gulch	MP 0-3.79	Apply Best Management Practices	Moderate
8021B	Lucky Gulch	MP 0-0.53	Apply Best Management Practices	Moderate
Total BMP Work: 36 Miles				

*BMPs will be applied to all haul roads. Allocation of extent of work will be based on this watershed prioritization.

NON-HAUL ROUTE BMP WORK (As Funding Becomes Available)

RD. #	WATERSHED	LOCATION	ACTION
593	Gus	MP 0-0.23	Replace undersized culvert on lower main Gus Creek
902	Little	MP 30.51-31.98	Add culverts, buttress slopes, armor ditches
902	Pheasant	MP 0-0.57	Normal BMPs
902Z	Burnt Tribs	MP 0-2.89	(BMPs) - buttress slope

WATERSHED REHABILITATION WORK (As Funding Becomes Available*)

INTERMITTENT STORED SERVICE

RD. #	WATERSHED	LOCATION	ACTION
902	Shine Creek, Otis Creek, Yaak River	MP 5.26-8.46	Active ISS work
902A	Gus	MP 0-0.34	ISS - passive
902B	Pheasant	MP 0-1.83	ISS - passive
902T	Lucky Gulch	MP 0-1.04	ISS - passive
903	Yaak Trib	MP 0-1.72	ISS - passive
904	Yaak Trib	MP 0-0.88	ISS - passive
904A	Yaak Trib	MP 0-0.14	ISS - passive
2374	Cool	MP 0-2.65	Active ISS work Waterbar/Remove CMPs or Armour Crossings/Stablize Slopes
6715B	Yaak Trib	MP 1.86-3.41	Active ISS work Waterbar/Remove CMPs
6715C	Yaak Trib	MP 0-0.93	Active ISS work Waterbar/Remove CMPs
6715C	Pheasant	MP 0.93-1.4	ISS - passive
6840	Pete	MP 2.49-3.29	ISS - passive
6840B	Pete	MP 0-0.66	ISS - passive
8021B	Lucky Gulch	MP 0-0.53	Active ISS work Waterbar/Remove CMPs
8021C	Lucky Gulch	MP 0-0.82	Active ISS work Waterbar/Remove CMPs
8021C	Lucky Gulch	MP 0.82-1.26	ISS - passive
14121	Gus	MP 0-0.66	ISS - passive
Total active ISS Work: 9.7 Miles Total Passive ISS Work: 8.8 Miles Total All ISS Work: 18.5 Miles			

*None of the decommissioning or intermittent stored service work has certain funding. However, during the last ten years the District has had a good record of steadily funding and implementing watershed restoration work using appropriated funds and partnership contributions. It appears likely that most or all of the proposed watershed work will get funded. The highest priority work is in the Burnt Creek watershed on the north side of Roderick Mountain. There are numerous crossings with deep fills at moderate to high risk of failure. Upper Burnt Creek supports genetically pure westslope cutthroat and protecting habitat for cutthroat is a high fisheries priority. There are also westslope cutthroat in Pheasant Creek, but the quantity of likely sediment delivery from roads is less than in Burnt Creek.

Watershed Rehabilitation and BMP Work

DECOMMISSIONING

RD. #	WATERSHED	LOCATION	ACTION
472Z	Burnt	MP 0-0.84	Decommission (active) recontour/waterbar
902A	Gus	MP 0.34-1.44	decommission (passive)
902D	Pheasant	MP 0-0.53	Decommission (active) recontour/waterbar
902D	Pheasant	MP 0.53-1.35	decommission (passive)
902K	Pheasant	MP 0-1.4	decommission (passive)
902U	Little	MP 0-0.53	decommission (passive)
902V	Little	MP 0-0.48	Decommission (active) recontour/waterbar
902V	Little	MP 0.48-1.10	decommission (passive)
903C	Yaak Trib	MP 0-0.61	decommission (passive)
904B	Yaak Trib	MP 0-0.54	decommission (passive)
2374	Cool	MP 2.65-3.38	Decommission (active) recontour/waterbar
2374C	Cool	MP 0-0.53	Decommission (active) recontour/waterbar
5951	Cool	MP 0-.76	Decommission (active) recontour/waterbar
5953	Cool	MP 0-0.97	Decommission (active) recontour/waterbar
5953	Cool	MP 0.97-1.22	decommission (passive)
6084B	Lang	MP 0-1.58	decommission (passive)
6100A	Burnt	MP 0-0.89	decommission (passive)
6100B	Burnt	MP 0-1.19	decommission (passive)
6100C	Burnt	MP 0-0.55	decommission (passive)
6101	Vivian	MP 0.27 – 0.69	decommission (passive)
6108	Burnt	MP 3.12-4.86	decommission (passive)
6108	Burnt	MP 4.86-5.57	Decommission (active) recontour/waterbar
6126	Burnt	MP 0-1.42	Decommission (active) recontour/waterbar
6126	Burnt	MP 1.42-1.94	decommission (passive)
6126A	Burnt	MP 0-0.19	decommission (passive)
6126B	Burnt	MP 0-0.57	decommission (passive)
6131	Burnt	MP 0-0.82	decommission (passive)
6131	Burnt	MP 0.82-1.26	Decommission (active) recontour/waterbar
6131	Burnt	MP 1.26-2.7	decommission (passive)
6131A	Burnt	MP 0-0.4	Decommission (active) recontour/waterbar
6131A	Burnt	MP 0.4-0.87	decommission (passive)
6131B	Burnt	MP 0-0.24	decommission (passive)
6131C	Burnt	MP 0-0.28	decommission (passive)
6132	Burnt	MP 1.41-4.54	Decommission (active) recontour/waterbar
6132	Burnt	MP 4.54-5.63	decommission (passive)
6132A	Burnt	MP 0-0.72	Decommission (active) recontour/waterbar
6132B	Burnt	MP 0-1.25	decommission (passive)
6132C	Burnt	MP 0-0.3	Decommission (active) recontour/waterbar

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RD. #	WATERSHED	LOCATION	ACTION
6132C	Burnt	MP 0.3-0.89	Decommission (passive)
6132D	Burnt	MP 0-0.38	Decommission (active) recontour/waterbar
6132D	Burnt	MP 0.38-0.73	decommission (passive)
6132E	Burnt	MP 0-0.21	decommission (passive)
6132H	Burnt	MP 0-0.22	decommission (passive)
6136	Burnt	MP 0-2.2	Decommission (active) recontour/waterbar
6136	Burnt	MP 2.2-2.69	decommission (passive)
6136A	Burnt	MP 0-0.37	decommission (passive)
6136B	Burnt	MP 0-0.58	decommission (passive)
6136C	Burnt	MP 0-0.93	decommission (passive)
6136D	Burnt	MP 0-0.36	decommission (passive)
6137	Burnt	MP 0-0.44	decommission (passive)
6139	Burnt	MP 0-0.83	Decommission (active) recontour/waterbar
6139	Burnt	MP 0.83-1.14	decommission (passive)
11902	Pheasant	MP 0-0.78	decommission (passive)
11902A	Pheasant	MP 0-0.54	decommission (passive)
11904	Pheasant	MP 0-0.23	decommission (passive)
14124	Pheasant	MP 0-0.22	decommission (passive)
14127	Pheasant	MP 0-0.26	decommission (passive)
16130	Burnt	MP 0-0.17	decommission (passive)
16131	Burnt	MP 0-0.15	decommission (passive)
16132	Burnt	MP 0-0.19	decommission (passive)
16135	Burnt	MP 0-0.98	decommission (passive)
Total Active Decommissioning: 15.4 Miles Total Passive Decommissioning: 27.4 Miles Total All Decommissioning: 42.8 Miles			

Road and Trail Designations

Road Access Actions - Motorized Use Designation				
Road No.	Location	Action	Timing	Reason
68	MP 32.84-36.00	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
338	MP 0-2.57	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
435	MP 30.51-31.98	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
524	MP 0-0.60	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
591	MP 0-2.53	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
595	MP 6.2-6.39	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
745	MP 0-4.20	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
902	MP 10.99-15.77	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
2355	MP 0-0.13	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
5932	MP 0-5.26	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
5954	MP 0-5.07	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
5955	MP 0-0.55	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
6100	MP 0-0.11	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
6132	MP 0-1.34	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
6723	MP 0-0.65	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
6812	MP 0-0.81	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
6814	MP 0-0.87	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
6815	MP 0-0.95	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
14140	MP 0-0.55	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
6815A	MP 0-0.25	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
472	MP 0-11.19	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
593	MP 0-12.02	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation
902	MP 0-2.71	Designate open for highway vehicle motorized use	Upon decision	Motorized use designation

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Trail Access Actions Motorized Use Designation				
Trail No. Name	Location	Action	Timing	Reason
19 Sheepherder	10.33 miles	Designate Non-motorized use, Foot and Stock use	Upon decision	Motorized use designation
160 Baldy Mtn. Lookout	3.88 miles	Designate Non-motorized use, Foot and Stock use	Upon decision	Motorized use designation
179 Baldy Buckhorn	1.07 miles	Designate Non-motorized use, Foot and Stock use	Upon decision	Motorized use designation
180 Baldy Spring	0.65 miles	Designate Non-motorized use, Foot and Stock use	Upon decision	Motorized use designation
182 Grizzly	7.82 miles	Designate Non-motorized use, Foot and Stock use	Upon decision	Motorized use designation
189 Roderick Mtn.	3.47 miles	Designate Non-motorized use, Foot and Stock use	Upon decision	Motorized use designation
193 Pleasant View / Independence	6.36 miles	Designate Non-motorized use, Foot and Stock use	Upon decision	Motorized use designation
547 Independence Ck.	5.22 miles	Designate Non-motorized use, Foot and Stock use	Upon decision	Motorized use designation