CHANGESTO ALTERNATIVE 2

ALT 2 UNIT #	ALT 2 ACRES	ALT 3 UNIT #	ALT 3 ACRES	ALT 2a UNIT #	ALT 2a ACRES	EXPLANATION FOR CHANGE TO ALTERNATIVE 2
1 CC/T/UB	17	1 CC/T/UB	17	1 CC/WT/UB	17	Winter harvest required to minimize detrimental soil disturbance
2 CC/T/UB	16	2 CC/T/UB	16	2 CC/WT/UB	16	Winter harvest required to minimize detrimental soil disturbance
3 CC/T/SG	20	3 CC/T/SG	20	3 CC/WT/SG	20	Winter harvest required to minimize detrimental soil disturbance
4 ST/T/G	20	4 ST/T/G	20	4 ST/WT/G	20	Winter harvest required to facilitate operations
10 CC/T/G	9	10 CC/T/G	9	10 CC/T/G	9	No change.
11 ST/T/G	17	11 ST/T/G	17	11 ST/WT/YT	27	Combined with Unit 12. Winter harvest and yard tops to minimize detrimental soil disturbance.
12 ST/T/G	7	12 ST/T/G	7	--	--	Unit combined with Unit 11
12A ST/T/G	19	12A ST/T/G	19	12A ST/WT/G	19	Winter harvest to minimize detrimental soil disturbance
13 CC/WT/UB	39	13 CC/WT/UB	39	13A CC/WT/G	39	Grapple pile to retain standing structure and abate fuels.
13A CC/WT/UB	24	13A CC/WT/UB	24	13 CC/WT/G	23	Grapple pile to retain standing structure and abate fuels.
15 CT/WT/UB	33	15 CT/WT/UB	33	--	--	Unit dropped because timber no longer salvagable
17 CT/T/G	163	17 CT/T/UB	163	17 CT/WT/GP&UB	131	Acres decreased based on ground verification of unit. Winter harvest to minimize detrimental soil disturbance. 50/50 grapple/underburn.
18 CC/WT/UB	28	18 CC/WT/UB	28	18 CC/WT/UB	20	Acres decreased based on ground verfication of unit.
20 CT/WT/UB	34	20 CT/WT/UB	34	20 CT/WT/SG	40	Acreage increased to meet vegetative objectives. Spot grapple pile slash necessary to reduce fuels; stay on skid trails.
31 CT/S/G	5	31 CT/S/YT	5	--	--	Dropped unit - treatment would not meet vegetative objectives.
32 CC/T/G	40	32 CC/T/G	40	32 CC/WT/UB	40	Winter harvest to minimize detrimental soil disturbance. Changed to underburn to reduce soil/weed impacts
33 CC/S/G	20	33 CC/S//G	20	33 CC/TS/UB&G	27	Acres increased based on ground verification of unit. Change to 50/50 skyline/tractor based on slopes. Changed to underburn where skyline yarding occurs to reduce soil/weed impacts
34 CT/H/YT	98	34 CT/H/YT	98	34 CT/TS/UB	68	Change to 50/50 skyline/tractor (tractor swing) harvest based on field-verified slopes less than 35%. Acres decreased to accommodate logging systems change
36 ST/S/G	13	36 ST/S/UB	13	--	--	Combined with 36A
36A ST/T/G	8	36A ST/T/UB	8	36A ST/T/UB	21	Acres increased due to ground verification of unit. Underburn to reduce soil/weed impacts.
37 CT/T/G	64	37 CT/T/UB	64	37 CT/T/UB	35	Acres decreased due to ground verification of unit. Underburn to reduce soil/weed impacts
40 ST/T/G	17	--	--	40 ST/T/UB	17	Underburn to promote forage and habitat.
42 CT/T/G	36	42 CT/T/YT	36	--	--	Dropped unit - treatment would not meet vegetative objectives.
43 CT/T/G	63	43 CT/T/YT	63	43 CT/T/G	18	Unit split by logging system (see Unit 43A).
				43A CT/S/UB	21	Skyline yarding/underburn due to slopes and wet areas. Acres decreased based on ground verification of unit.
44 ST/S/YTJ	18	44 ST/S/YTJ	18	44 ST/S/YTJ	18	Tractor/skyline (tractor swing) yarding based on slopes.
45 CC/T/G	10	45 CC/T/UB	10	45 CC/T/UB	32	Redesigned 45, 45A, 49 & 50 to provide 600' to cover.
45A CC/S/YTJ	20	45A CC/S/YTJ	20	45A CC/S/YTJ	20	Redesigned 45, 45A, 49 & 50 to provide 600' to cover.
46 CC/S/G	15	46 CC/S/G	15	46 CC/T/UB	15	Tractor yarding based on sustained slopes <40%. Underburn to promote forage and habitat.
47 CT/S/YT	13	47 CT/S/YT	13	47 CT/S/UB	22	Acres increased due to ground verification of unit. Underburn to reduce soil impacts.
49 CC/T/G	40	49 CC/S/YT	20	49 CC/T/YT	22	Redesigned 45, 45A, 49 & 50 to provide 600' to cover.
50 CC/S-H/G	86	50 CC/S/YT	20	50 CC/T/YT	15	Split unit to accommodate logging systems change to tractor upper portion. Redesigned 45, 45A, 49 & 50 to provide 600' to cover.
		50A CC/H	20	50A CC/S/YT	37	Redesigned 45, 45A, 49, 50 to provide 600' to cover. Added temporary road to facilitate yarding.
55 (all) Salv/S/YT	170	55 (all) Salv/S/YT	170	55	See below	Split Unit 55 because of prescription, logging systems and RHCAs. Acreage decrease based on ground verified units.
				55 Salv/T/YT	2	Tractor yarding due to ground-verified slope <40%
				55A Salv/T/YT	1	Tractor yarding due to ground-verified slope <40%
				55B Salv/T/YT	1	Tractor yarding due to ground-verified slope <40%
				55C Salv/S/YT	1	No Change
				55D Salv/S/YT	1	No Change
				55E Salv/S/YT	1	No Change
				55F Salv/T/YT	2	Changed to tractor yarding due to ground-verified slope <40%
				55G Salv/S/YT	1	No Change
				55H Salv/S/YT	4	No Change
				55I Salv/S/YT	5	No Change
				55J CT/T/YT	13	Changed perscription to thinning due to stand conditions. Tractor

ALT 2 UNIT #	ALT 2 ACRES	ALT 3 UNIT #	ALT 3 ACRES	ALT 2a UNIT #	ALT 2a ACRES	EXPLANATION FOR CHANGE TO ALTERNATIVE 2
						yarding due to ground-verified slope <40%
				55K CC/S/YT	26	Changed perscription to regeneration due to declining lodgepole pine stand conditions
57 Release/H/YT	69			--	--	Dropped unit-treatment would not meet vegetative objectives
57A Release/H/YT	14			--	--	Dropped unit-treatment would not meet vegetative objectives
60 ST/T/G	40	--	--	60 ST/T/SG	40	Spot grapple pile.
61 ---	---	61 DfSp/Clip/G	25	61 DfSp/Clip/G	21	No change from Alt 3. **Non-commerical fuels reduction**.
Total acres	1,306		1,099 Harvest /1,124 Total		907 Commericial/928 total	

CC/RES – Clearcut w. Reserves
ST/RES – Seed Tree w. Reserves
CT – Commercial Thin
SALV – Salvage
DfSp – Defensible Space

H - Helicopter
T – Tractor
WT – Winter Tractor
S-Skyline
Clip-Clipper

G – Grapple Pile
SG – Spot Grapple Pile
YT – Yard Tops
UB – Underburn

Temporary Road Changes: The estimated total temporary road miles analyzed is 2.1 miles in Alternative 2, 1.9 miles in Alternative 3, and 2.3 miles in Alternative 2a. Temporary roads used for harvest activities will be scarified at least 6-12", and recontoured if possible. The rehabilitated sites will be seeded and fertilized, and covered with well-distributed slash. The Alternative 2a temporary roads are displayed in the table below.

UNIT ACCESSED	LENGTH	TEMPLATE
1	0.2	Existing prism
2	0.6	Existing prism
3	0.3	Existing prism
12A	0.2	Existing prism
4	0.3	Existing prism
34	0.1	new
50	0.4	new
60	0.2	new
TOTAL TEMP	**2.3**	**MILES**
EXISTING PRISM TEMP	**1.6**	**MILES**
NEW PRISM TEMP	**0.7**	**MILES**

Watershed Rehabilitation Work:

The active decommissioning and intermittent stored service work on the 902U and 902V roads in the Little Creek drainage, and the Vivian Cr. 6100 road system was dropped to ensure grizzly bear displacement habitat is available.

Decommissioning activities on the 6132 road system (Upper Burnt Creek area) will not be implemented during the same time as all other activities in BMU 11 to ensure grizzly bear displacement habitat is available.

3.2 miles of Road 902 would be put into storage to increase grizzly bear core.

Other watershed rehabilitation work was refined (active vs. passive) based on ground verification of sediment sources. See Watershed Rehabilitation work listed later in this Appendix.

Alternatives 2 and 3	Alternative 2a
Grizzly Bear Disturbance and Displacement	
Roads 902A, 902B, 903, 6840, 6840B and 6715B would be placed in intermittent stored service with associated watershed rehabilitation work completed prior to initiation of any harvest or road reconstruction activities to offset changes to core habitat.	Same. Additionally, a 3-mile section of Road #902 between the 902G and 902T spurs would be placed in intermittent stored service with associated watershed rehabilitation work completed prior to the Upper Burnt Creek decommissioning activities.
All existing gated roads, except roads 902Y and 902Z, would have public access restricted during harvest operations, with the gate to be locked at night and during weekends while harvest activity occurs to limit disturbance and protect resources.	Same
Road improvements and harvest activities on Road 472 associated with units 55c-g and 60 (Unit 60 dropped in Alternative 3) would be required to be completed prior to initiation of activities associated with Units 31-50, 55, 55a-b, 57 and 57a (57, 57a dropped in Alternative 3) in the southern portion of the project area (Burnt Creek drainage). Once these units are completed, the corridor would be available for displacement habitat while all remaining activities in Units 31-50, 55, 55a-b, 57 and 57a (57, 57a dropped in Alternative 3)are completed. Decommissioning activities on the 6100 and 6132 road systems would not be implemented until one year after all harvest and associated activities are completed in the Burnt Creek drainage	Units 1, 2, 3, 4, 11, 12a, 13, 13a, 17, 18, 20, and 32 are required to be harvested during the denning period (12/1-3/31). Approximately 112 acres of harvest along Road 472 and 8 miles of decommissioning and storage work in the Vivian Cr. drainage are dropped. During the approximately eight weeks expected for implementation of the decommissioning activities on the 6132 road system (Upper Burnt Creek area), no other activities may occur in BMU 11. Outside the period in which implementation of the upper Burnt Creek decommissioning occurs, but during the same bear year, no harvest or other decommissioning would occur, but other project activities such as precommercial thinning or burning may occur. The helicopter burn units G and H in BMU 11 core would last no more than 2 days. Approximately 2,700 acres of core is added with this project to ensure displacement habitat.
Helicopter harvesting of units 34, 50, 57, and 57a would all be completed within one season.	No Helicopter harvest
No harvest or road related activities would occur during spring bear season April 1-June 15	Same
Fall burning is desirable for burn units G, H, and I to promote huckleberry production, increase vegetation response, and coincide with natural ecosystem functions.	Same
Harvest and related activities would not commence in Units 15, 17, 18 and 20 until one year after all activities in the Obermayer project are completed (for big game displacement).	The majority of the Obermayer Fuels project is completed. Alternative 2a would require that Units 17, 18, and 20 would only occur after completion of Units 11, 12a, 13 and 13a to ensure big game displacement area.
Seeding for erosion control and watershed improvements along open roads would use a seed mix that does not contain clover.	Same
Soil and Weed Impacts	
In all harvest units, require yarding tops to reduce residual activity fuels on site to minimize impacts of additional fuels reduction and site preparation treatments proposed (grapple piling, underburning).	Same
The Timber Sale contract would require removal of non-sawlog material to the landing using provisions C2.2 and C2.11 to reduce ground disturbance associated with grapple piling.	Same, except material needed to meet CWD requirements.
In all grapple pile units, minimize live vegetation removal during piling operations by removing only activity-created fuels and existing down dead material that exceeds desired fuel loading.	Same
Noxious weed treatments consistent with the Herbicide Weed Control Decision (USDA Forest Service 1997) to be included are: 1) pretreatment on roads with current access for boom truck or ATV; 2) treatment after reconstruction activities, prior to access for harvest operations or immediate harvest activity in same season as reconstruction, with weed treatment following ; 3) post treatment on all roads used for harvest activities; 4) requiring treatment on roads to be decommissioned where access is available during operations; 5) seeding with weed-free seed mix as part of all decommissioning actions. 6) Timber sale contracts would contain Special Provision C6.351, which requires all off-road vehicles associated with harvest operations to be cleaned and inspected prior to entering the sale area.	Noxious weed treatments would comply with the April 2007 KNF Invasive Plant Management Record of Decision. 1) Prior to and after harvest operations, roads with current access for boom truck or ATV would be treated by the District weeds crew. 2) Purchaser would be required to treat with herbicide all roads prior to reconstruction activities. If this is not feasible due to vegetation in the roadway, purchaser would spray cutslopes and fillslopes following reconstruction. 3) Timber sale contracts would contain Special Provision C6.351, which requires all off-road vehicles associated with harvest operations to be cleaned and inspected prior to entering the sale area. These actions would also be applied to equipment used in fuels reduction activities. Designated points of entry would be identified by the Forest Service for accessing units from weed infested roads where weeds could be spread into the units. 4) Burning prescriptions would determine the limits of weather conditions and fuel moistures to control fire intensity for protection of soil and native plants. 5) Reconditioning of existing roads needed for hauling would be held to the minimum necessary to protect and maintain the road surface and drainage structures, and provide for public safety. Scarification of ditches and catch basins would be done only where necessary to provide for adequate function. 6) Landings would be scarified and reseeded following use. 7) Where access is available, roads to be decommissioned would be treated with herbicide prior to activities, and seeded with weed-free seed mix following activities.

Units 13, 13a, 15, 18 and 20 would be restricted to winter harvest operations (skidding only on frozen ground (CT6.4#) to minimize soil impacts. For units 18 and 20, additional restoration of existing skid trails would occur to reduce overall detrimental disturbance.	Units 1, 2, 3, 4, 11, 12a, 13, 13a, 17, 18, 20, and 32 would be restricted to winter harvest (skidding only on frozen ground-C6.4#) to minimize soil impacts. If winter operations are agreed to in any other units, frozen ground would also be required.
Utilize existing skid trails where possible, restrict skidding equipment to designated skid trails and rehabilitate skid trails (scarify, seed, place slash) at completion of activities in Units 1, 2, 3, 11, 12, and 12a. Units 1, 2, 3 and 4 would require reclaiming existing excavated skid trails to contour after activities.	Utilize existing skid trails where possible; restrict skidding equipment to designated skid trails. Soil conditions in units with existing high levels of disturbance (Units 1, 2, 3, 18 and 20-see FEIS Appendix 2, Table 3) would be monitored between the harvest and fuels treatment to determine if mitigation and restoration work is needed in order to make sure the final unit conditions do not exceed 15% detrimental disturbance. As necessary to meet the 15% guideline, skid trails used to harvest Units 1, 2, 3, 18, and 20 would be scarified 6-12 inches, as specified by the soils specialist. The rehabilitated sites would be seeded and fertilized, and covered with well-distributed slash. Rehabilitation activities would be limited to dry soil conditions, normally July 15 – September 15, unless otherwise approved by the soils specialist.
Units 3 and 40 (Unit 40 dropped in Alternative 3) would require a restricted operating season restricted to the driest time of year (August 1 to September 15), and leave islands (Special Treatment Areas) would be delineated on the ground to protect wet areas.	Unit 40 would require a restricted operating season restricted to the driest time of year (August 1 to September 15), and leave islands (Special Treatment Areas) would be delineated on the ground to protect wet areas. Note: Unit 3 is winter log.
Special Treatment Areas would be delineated in Units 40, 43, 45, 49, 50, and 60 (Units 40 and 60 dropped in Alternative 3) to prohibit machinery on slopes greater than 40 percent. Designated skid trails would be placed to avoid any sustained slopes greater than 35 percent.	Special Treatment Areas would be delineated in Units 33, 34, 40, 43, 44, 45, 46, 47, and 50a to prohibit machinery on sustained slopes greater than 40 percent. Harvest and slash treatment systems have been determined for each unit by the IDT (SWCP 13.02, 14.07). Proposed changes during implementation to more impactive equipment or methods will be reviewed and documented by the IDT. Note: change in units is based on ground verification of slopes.
Effects on Potential Future Wilderness Consideration	
No slashing in burn units G, H, and I to reduce signs of human activity (stumps).	Same
Other Resource Concerns	
Coarse Woody Debris (CWD) - where available, retain an average of 15-32 tons per acre, consisting of 20-30 pieces per acre, 15 inches or greater in diameter and at least 12 feet long in all regeneration harvest units.	Same. Additionally, retain an average CWD of 10-15 tons per acre in intermediate harvest in wet habitat types (Units 17, 20, 34, and 43). Piece size should exceed 7" in diameter and the preference is for larger material where available. A minimum average of 4-6 snags/acre would be left in each harvest unit. Snags and recruitment trees would be left in units as individual trees or clumps/islands to trees. OSHA regulations require the removal of hazard trees that are perceived as a safety risk; however, they would be left on site for all tractor units.
Goshawk nest sites: Should a nest be discovered during activities, no activities would be permitted within 40 acres of nest site, and provide a 300-acre, no-activity buffer around nest during nesting season (April 15-August 15).	Same
Wet areas and rocky, talus areas would be avoided or excluded from harvest units.	Same
Leave islands would be designated to protect sensitive species and wet areas in units 3 and 40 and operations would be limited to the dry period of the year, August 1-September 15 (Unit 40 in Alternative 2 only).	Same except Unit 3 is changed to winter harvest.
A 200-foot, fuels reduction zone would be implemented along the Long Meadows road within unit 17, where slashing and piling the majority of understory trees and fuel ladders would occur.	Same
Best Management Practices (Appendix D) would be applied prior to hauling of timber on the following road systems: 902, 6084C, 8021 and 8021B. All other road systems with BMP work identified (See Appendix B - Access Management Plan) would complete BMP work prior to contract activities completion.	Best Management Practices (DEIS Appendix D) would be implemented on all haul roads. Implementation of BMPs on roads accessing Units 17, 18, 20, 32, 33, 34, 36, 36a, 37, 40, 42, 43, and 47 (Roads 902, 8021, 8021B, 6084, 6084A, and 6084C) would be required prior to the timber haul because of drainage and related water quality issues. All other road systems with BMP work identified would complete BMP work by the end of the timber sale contract.
In units 50 and 60 (Unit 60 dropped in Alternative 3), retain non-lodgepole pine overstory, and advanced regeneration adjacent to road 472 where possible to minimize visual impacts.	Same. Unit 50 boundary is moved north away from Road #472.
In all units adjacent to open roads, design skid trails and cable corridors to minimize visual impacts, and minimize impacts to understory vegetation. Landings should be placed off of road 472 where possible, or rehabilitated after activity to minimize visual impacts.	Same.

GRIZZLY - ACCESS MANAGEMENT PLAN

RD. #	LOCATION	ACTION TO TAKE	TIMING	REASON FOR ACTION
435Y	Jct 435	Remove Berm	Road Reconstruction	Harvest
435Y	Jct 435	Install Gate	During Harvest, keep gate closed nights and weekends	Habitat security
435Y	Jct 435	Install Berm	Post harvest activities including planting, and burning.	Core
593R	Jct 593	Remove Berm	Road Reconstruction	Harvest
593R	Jct 593	Install Berm	Post harvest	Habitat security
595	Jct. 593	Remove Berm. Shut Gate	During Harvest – lock gate closed nights and weekends	Old Growth; Habitat security
595	Jct. 593	Monitor gate effectiveness. Install berm if gate proves ineffective.	Post harvest activities including planting, and burning.	Habitat security
902	Burnt Dutch side	Remove Berm	Road Reconstruction	Harvest
902	Burnt Dutch side	Install Gate	During Harvest; keep gate closed nights and weekends	Habitat security
902	Burnt Dutch side	Monitor gate effectiveness. Install berm if gate proves ineffective.	Post harvest activities including planting, and burning.	Habitat security
902X	Jct 902	Remove Berm	Road Reconstruction	Harvest
902X	Beyond unit	Install Berm	Road Reconstruction	Habitat security
902X	Jct. 902	Install Berm	Post harvest	Habitat security
902Y	Jct 902	Remove Berm	Road Reconstruction	Harvest - Public access
902Y	Beyond unit	Install Berm	Road Reconstruction	Habitat security
902Z	Jct 902	Lock gate open	Road Reconstruction	Harvest - Public access
902Z	Beyond unit at milepost 2.16 (past stream crossing)	Install Berm	Road Reconstruction	Habitat security
902B	Jct 902	Install Berm	Before Harvest Activities	Core
902A	Jct 902	Install Berm	Before Harvest Activities	Core
903	Jct 902	Install Berm	Before Harvest Activities	Core
6715B	Milepost 1.86	Install Berm	Before Harvest Activities	Core
6840	Jct 6840B	Recognized as Impassable	Before Harvest Activities	Core
6840B	Jct 6840	Recognized as Impassable	Before Harvest Activities	Core
6084	Jct 593	Keep Gate Closed	During Harvest - lock gate closed nights and weekends.	Habitat security
8021	Jct 472	Keep Gate Closed	During Harvest - lock gate closed nights and weekends	Habitat security
8021C	Beyond unit	Install Berm	Road Reconstruction	Habitat security
902	Jct 902G	Install Berm	Before Upper Burnt Cr. Decommissioning	Core
902	Jct south end of 902T	Install Berm	Before Upper Burnt Cr. Decommissioning	Core

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.

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)

RD. #	WATERSHED	LOCATION	ACTION
			recontour/waterbar
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**			