

APPENDIX B
TABLES FOR THE PROPOSED ACTION

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TABLE B-1. Proposed mechanical treatment areas.

Treatment Area	Acres	Treatment	FRZ/ Rx Area	Meets Objective ^a			Plantation Acres ^b	Riparian Reserve Acres ^c	Treatment Method (Acres)	Slope (Acres)	
				1	2	3				<35%	>35%
M2	21	Thin	FRZ7		X	X	0	1	Skyline-5 Tractor-4 Underburn-9	2	19
M3	9	Thin	FRZ6		X		3	0	Tractor-9 Underburn-9	7	2
M4	43	Thin	FRZ6		X	X	1	1	Skyline-39 Tractor-3 Underburn-42	15	27
M5	22	Thin	FRZ6	X	X		0	1	Skyline-7 Tractor-15 Underburn-22	3	19
M6	80	Thin	FRZ9	X	X		2	1	Skyline-60 Tractor-20 Underburn-80	19	61
M7	46	Thin	FRZ9		X		6	0	Skyline-16 Tractor-30 Underburn-46	12	34
M8	17	Thin	FRZ5		X		0	0	Skyline-14 Tractor-3 Underburn-17	5	12
M9	36	Thin	FRZ4	X	X		0	1	Skyline-36 Underburn-36	19	17
M10	92	Thin	FRZ5		X		0	1	Skyline-83 Tractor-9 Underburn-92	31	61
M11	56	Thin	FRZ5		X		0	1	Skyline-56 Helicopter- Underburn-56	9	47
M12	57	Thin	FRZ3	X	X		0	0	Skyline-46 Tractor-11 Underburn-57	13	44
M13	23	Thin	FRZ3	X	X		2	0	Skyline-23 Helicopter- Underburn-23	17	6
M15	159	Thin	FRZ12	X	X		4	2	Skyline-100 Tractor-59 Underburn- 159	66	94
M16	26	Thin	FRZ12	X	X		0	2	Skyline-26 Underburn-26	6	20
M17	19	Thin	FRZ11	X	X		2	0	Skyline-17 Tractor-2 Underburn-19	3	16
M18	23	Thin	FRZ11		X		0	0	Skyline-23 Underburn-23	3	20
M19	53	Thin	FRZ11	X	X		3	1	Skyline-49 Tractor-4 Underburn-53	8	45

TABLE B-1. Proposed mechanical treatment areas (continued).

Treatment Area	Acres	Treatment	FRZ/ Rx Area	Meets Objective ^a			Plantation Acres ^b	Riparian Reserve Acres ^c	Treatment Method (Acres)	Slope (Acres)	
				1	2	3				<35%	>35%
M20	63	Thin	FRZ12	X	X		0	0	Skyline-30 Tractor-33 Underburn-63	36	27
M21	130	Thin	FRZ16		X	X	2	8	Skyline-30 Tractor-100 Underburn-130	42	88
M22	53	Thin	FRZ14		X		0	2	Skyline-53 Underburn-53	6	47
M23	36	Thin	FRZ14		X		1	0	Skyline-36 Underburn-36	4	32
M24	42	Thin	FRZ14	X	X		0	0	Skyline-38 Tractor-4 Underburn-42	10	32
M25	48	Thin	FRZ13	X	X		0	2	Skyline-48 Underburn-48	3	45
M29	79	Thin	FRZ2	X	X		0	0	Skyline-79 Helicopter- Underburn-79	29	50
M30	37	Thin	FRZ2		X		0	0	Tractor-37 Underburn-37	16	21
M31	45	Thin	FRZ20	X	X		0	1	Underburn-45	2	43
M32	3	Thin	RX 7			X	0	2	—	0	3
M35	14	Thin	FRZ13	X	X		0	1	Skyline-14 Helicopter- Underburn-22	1	13
M36	21	Thin	FRZ13	X	X		1	0	Skyline-21 Underburn-21	6	15
M37	12	Thin	FRZ13	X	X		0	0	Skyline-12 Underburn-12	5	7
M38	17	Thin	FRZ5	X	X		0	0	Skyline-15 Tractor-2 Underburn-17	5	12
M39	20	Thin	FRZ5		X		1	0	Skyline-20 Underburn-20	3	17
M40	10	Thin	FRZ5		X		0	0	Skyline-10 Underburn-10	4	6
M41	4	Thin	FRZ5		X		0	1	Skyline-4 Helicopter- Underburn-4	0	4
M42	12	Thin	FRZ7	X	X		0	4	Skyline-14 Underburn-34	1	12
M43	16	Thin	FRZ5	X	X		0	0	Tractor-16 Underburn-16	7	9
M44	17	Thin	FRZ3	X		X	0	0	Skyline-17 Underburn-17	6	11
M45	25	Thin	NONE	X		X	5	5	Skyline-22 Helicopter- Underburn-32	2	23

TABLE B-1. Proposed mechanical treatment areas (continued).

Treatment Area	Acres	Treatment	FRZ/ Rx Area	Meets Objective ^a			Plantation Acres ^b	Riparian Reserve Acres ^c	Treatment Method (Acres)	Slope (Acres)	
				1	2	3				<35%	>35%
M46	23	Thin	NONE	X		X	0	3	Skyline-23 Helicopter- Underburn-23	3	20
M47	39	Thin	FRZ18		X	X	3	0	Skyline-39 Underburn-39	5	34
M48	16	Thin	FRZ18		X	X	3	0	Skyline-16 Underburn-16	3	13
M49	4	Thin	FRZ12		X		0	0	Skyline-4 Underburn-4	0	4
M50	31	Thin	FRZ3	X	X		0	2	Skyline-31 Underburn-31	1	30
M51	13	Thin	FRZ2		X		0	1	Skyline-13 Underburn-13	2	11
M52	13	Thin	FRZ10		X		0	0	Skyline-13 Underburn-13	0	13
M53	8	Thin	FRZ10		X		0	0	Skyline-7 Underburn-7	3	5
M54	23	Thin	FRZ12	X	X		0	0	Tractor-23 Underburn-23	10	13
M55	27	Thin	FRZ6		X		0	0	Skyline-27 Underburn-27	3	24
M56	7	Thin	FRZ5	X	X		0	0	Tractor-7 Underburn-7	3	4
M57	39	Thin	FRZ3	X	X		0	0	Skyline-33 Tractor-6 Underburn-39	6	33
M58	11	Thin	FRZ12	X	X		0	1	Skyline-11 Underburn-11	1	10
M59	14	Thin	NONE	X	X	X	0	0	Skyline-14 Underburn-14	0	14
M60	17	Thin	FRZ13		X		0	0	Skyline-17 Underburn-17	3	14
M61	25	Thin	FRZ14		X		1	3	Skyline-25 Underburn-25	0	25
M62	13	Thin	FRZ14		X		1	0	Skyline-5 Tractor-8 Underburn-13	7	6
M63	7	Thin	FRZ14		X		0	0	Skyline-7 Underburn-7	3	4
M64	21	Thin	FRZ11		X		0	0	Skyline-21 Underburn-21	0	21
M65	6	Thin	FRZ5		X		0	1	Skyline-6 Underburn-6	0	6
M66	6	Thin	FRZ9		X		0	0	Skyline-6 Underburn-6	3	3
M67	7	Thin	FRZ6	X	X		2	0	Skyline-7 Underburn-7	2	5
M68	12	Thin	FRZ9		X		0	2	Skyline-12 Underburn-12	0	12

TABLE B-1. Proposed mechanical treatment areas (continued).

Treatment Area	Acres	Treatment	FRZ/ Rx Area	Meets Objective ^a			Plantation Acres ^b	Riparian Reserve Acres ^c	Treatment Method (Acres)	Slope (Acres)	
				1	2	3				<35%	>35%
M69	17	Thin	FRZ9		X		0	2	Skyline–15 Tractor–2 Underburn–17	2	15
M70	11	Thin	FRZ9		X		3	0	Skyline–11 Underburn–11	0	11
M71	7	Thin	FRZ3	X	X		0	0	Tractor–7 Underburn–7	4	3
M72	6	Thin	FRZ5		X		0	0	Tractor–6 Underburn–6	5	1
M73	36	Thin	FRZ3	X	X		0	0	Skyline–36 Underburn–36	4	32
M74	16	Thin	FRZ5		X		0	0	Skyline–16 Underburn–16	0	16
M75	62	Thin	FRZ4		X		1	1	Skyline–62 Underburn–62	15	47
M76	2	Thin	FRZ4		X		0	0	Skyline–2 Underburn–2	0	2
M77	8	Thin	FRZ4	X	X		0	0	Skyline–8 Underburn–8	1	7
M78	28	Thin	FRZ3		X		0	0	Skyline–28 Underburn–28	2	26
M79	13	Thin	FRZ3	X	X		0	0	Tractor–13 Underburn–13	10	3
M80	7	Thin	FRZ5		X		6	0	Skyline–7 Underburn–7	3	4
M81	36	Thin	Rx3			X	8	1	Underburn–36	26	10
M82	18	Thin	NONE			X	0	4	—	3	15
M83	27	Thin	NONE			X	0	3	—	25	2
M84	9	Thin	NONE			X	4	2	Underburn–2	9	0
M86	21	Thin	Rx7			X	0	0	Underburn–38	2	19
M87	3	Thin	Rx7			X	0	1	Underburn–7	0	3
M88	10	Thin	Rx7			X	2	1	Underburn–21	6	4
M89	18	Thin	Rx7			X	1	0	Underburn–35	8	10
Totals	2,223						68	66		609	1,615

Notes:

- a. Objectives of (purpose of) the Eddy Gulch LSR Project
 - Community Protection*—Reduce wildfire threat to communities and municipal water supplies and increase public and firefighter safety.
 - Habitat Protection*—Protect existing and future late-successional habitat from threats (of habitat loss) that occur inside and outside the Eddy Gulch LSR.
 - Habitat Development*—Promote the continued development of late-successional characteristics.
- b. Plantations acres are included in FRZ or Rx acres in column 4.
- c. Riparian Reserve acres are included in FRZ or Rx acres in column 4.

TABLE B-2. Proposed mechanical and prescribed burn treatment acres in FRZs.

FRZ	Total Acres Treated in FRZ ^a / Total Acres Treated by Treatment Type	Meets Objective ^b			Plantation Acres ^c	Riparian Reserves Acres ^d	Roadside Acres ^e	1. Purpose of FRZ 2. Road(s) This FRZ Would Protect 3. Municipal Watershed This FRZ Would Protect
		1	2	3				
1	Total acres treated: 150	X	X		97	19	2	1. Protects Black Bear Ranch, Infrastructure, and Blue Ridge Lookout (LO) from crown fire behavior west of Blue Ridge LO 2. County Road 1E001 into Black Bear Ranch 3. Black Bear Municipal Watershed
	• Mechanical Treatment (M): 22							
	• Prescribed Burn (Rx): 150							
2	Total acres treated: 843	X	X		136	101	90	1. Protects Black Bear Ranch, Infrastructure, and Blue Ridge Lookout (LO) from crown fire behavior west of Blue Ridge LO 2. Road 39, County Road 1E001 into Black Bear Ranch 3. Eddy Gulch and Black Bear Municipal Watersheds
	• M: 366							
	• Rx: 843							
3	Total acres treated: 545	X	X		42	27	119	1. Protects Blue Ridge LO, extends the FRZ to the southwest above Black Bear Ranch, maintains/improves existing treatments 2. Road 39, National Forest System (NFS) Road 39N23 3. Eddy Gulch and Callahan Municipal Watersheds
	• M: 141							
	• Rx: 545							
4	Total acres treated: 263	X	X		123	18	16	1. Protects Bacon Rind area, uses a strategic ridge 2. NFS Road 39N23 3. Isolates Callahan and Murphy drainages / Callahan Municipal Watershed
	• M: 70							
	• Rx: 263							
5	Total acres treated: 372	X	X		59	41	18	1. Important—links FRZs on west perimeter with west to east FRZs along Road 39, there's an active crown fire behavior on either side of the FRZ 2. NFS Road 39N23 3. Callahan and Crawford Municipal Watersheds
	• M: 58							
	• Rx: 372							
6	Total acres treated: 489	X	X		212	49	86	1. Part of longest connected segments of FRZs, from above Cecilville and links to west-east FRZs along Road 39, protects Crawford Creek 2. NFS Road 39N23 3. Callahan and Crawford Municipal Watersheds
	• M: 148							
	• Rx: 489							

TABLE B-2. Proposed mechanical and prescribed burn treatment acres in FRZs (continued).

FRZ	Total Acres Treated in FRZ ^a / Total Acres Treated by Treatment Type	Meets Objective ^b			Plantation Acres ^c	Riparian Reserves Acres ^d	Roadside Acres ^e	1. Purpose of FRZ 2. Road(s) This FRZ Would Protect 3. Municipal Watershed This FRZ Would Protect
		1	2	3				
7	Total acres treated: 735	X	X	X	33	42	0	1. FRZ segment connects FRZs between Cecilville and segments running west to east along Road 39, protects Cecilville 2. County road from Cecilville to Forks of Salmon 3. —
	• M: 144							
	• Rx: 735							
8	Total acres treated: 305	X	X		71	18	0	1. Important segment to connect FRZs that worm west perimeter, protects Black Bear Ranch, infrastructures, and County Road to Forks of Salmon 2. NFS Road 39N23 3. Callahan Municipal Watershed
	• M: 33							
	• Rx: 305							
9	Total acres treated: 318	X	X		90	33	14	1. Isolates large area of crown fire behavior in East Crawford Creek 2. NFS Roads 39N56 and 39N23 3. Crawford Municipal Watershed
	• M: 46							
	• Rx: 318							
10	Total acres treated: 382	X	X		9	14	0	1. Isolates large area of crown fire behavior in East Crawford Creek 2. — 3. Crawford Municipal Watershed
	• M: 106							
	• Rx: 382							
11	Total acres treated: 275	X	X	X	41	21	44	1. Isolates large area of crown fire behavior in East Crawford Creek 2. Road 39, NFS Road 39N20 3. Crawford Municipal Watershed
	• M: 46							
	• Rx: 275							
12	Total acres treated: 359	X	X		43	13	100	1. FRZ located at head of East Crawford Creek, with high proportion of active and passive crown fire behavior, protects Eddy LO 2. Road 39 3. Eddy Gulch and Counts Gulch Municipal Watersheds
	• M: 67							
	• Rx: 359							

TABLE B-2. Proposed mechanical and prescribed burn treatment acres in FRZs (continued).

FRZ	Total Acres Treated in FRZ ^a / Total Acres Treated by Treatment Type	Meets Objective ^b			Plantation Acres ^c	Riparian Reserves Acres ^d	Roadside Acres ^e	1. Purpose of FRZ 2. Road(s) This FRZ Would Protect 3. Municipal Watershed This FRZ Would Protect
		1	2	3				
13	Total acres treated: 655	X	X	X	105	37	79	1. Extends FRZ along Road 39, isolates East Shadow Creek, protects Russian Roadless area and FWS priority area # 1 2. Road 39, NFS Road 40N61 3. —
	• M: 157							
	• Rx: 655							
14	Total acres treated: 293	X	X	X	63	24	15	1. Forms east boundary of FRZ system, protects Russian Roadless Area and FWS priority area # 4 from large area of crown fire behavior in East Shadow Creek 2. Road 39 3. —
	• M: 39							
	• Rx: 293							
15	Total acres treated: 678	X	X	X	35	145	67	1. Continuation of Grasshopper Ridge FRZ system, links to FRZ16, isolates large area of crown fire behavior 2. Callahan to Cecilville County Road, Road 39 3. Shadow Creek in East Shadow Creek
	• M: 118							
	• Rx: 678							
16	Total acres treated: 288	X	X	X	53	50	0	1. Forms link that encloses East Shadow Creek at Grasshopper Ridge from large area of crown fire behavior, safe access route for firefighters, protects Eddy LO 2. — 3. Shadow Creek
	• M: 59							
	• Rx: 288							
17	Total acres treated: 193	X	X	X	37	38	0	1. First of two segments that separate Whites and Counts Gulches, increases protection to emergency egress-ingress routes 2. NFS Road 39N59 3. Eddy Gulch Municipal Watershed
	• M: 68							
	• Rx: 193							
18	Total acres treated: 244	X	X	X	74	17	6	1. Second of two segments that separate Whites and Counts Gulches, increases protection to emergency egress-ingress route, protects Black Bear Ranch and Blue Ridge LO 2. NFS Roads 39N62 and 40N61 3. Counts Gulch Municipal Watershed
	• M: 33							
	• Rx: 244							

TABLE B-2. Proposed mechanical and prescribed burn treatment acres in FRZs (continued).

FRZ	Total Acres Treated in FRZ ^a / Total Acres Treated by Treatment Type	Meets Objective ^b			Plantation Acres ^c	Riparian Reserves Acres ^d	Roadside Acres ^e	1. Purpose of FRZ 2. Road(s) This FRZ Would Protect 3. Municipal Watershed This FRZ Would Protect
		1	2	3				
19	Total acres treated: 198	X	X		110	35	0	1. Important segment to protect Black Bear Ranch and buffer west perimeter of LSR, contributes to linkage of segments to protect western portion of LSR 2. County Road 1E001 into Black Bear Ranch 3. Black Bear and Callahan Municipal Watersheds
	• M: 15							
	• Rx: 198							
20	Total acres treated: 998	X			95	283	231	1. Reduces hazardous fuels on steep western aspect along emergency ingress-egress route along county road, protects Rainbow Ranch, Taylor Hole, Russian Wilderness 2. County Road 1C01 from Etna Summit to Idlewild, NFS Roads 40N54 and 41N18 3. Music Creek Municipal Watershed
	• M: 114							
	• Rx: 998							
Totals					1,528	1,025	887	
M: 1,850								
Rx: 8,583								

Notes:

- a. The total acres treated in an FRZ are the same as the total number of acres treated by prescribed burn.
- b. Objectives of (purpose of) the Eddy Gulch LSR Project
 - Community Protection*—Reduce wildfire threat to communities and municipal water supplies and increase public and firefighter safety.
 - Habitat Protection*—Protect existing and future late-successional habitat from threats (of habitat loss) that occur inside and outside the Eddy Gulch LSR.
 - Habitat Development*—Promote the continued development of late-successional characteristics.
- c. Plantations acres are included in “Rx” acres in column 2.
- d. Riparian Reserve acres are included in “Rx” acres in column 2.
- e. Roadside acres are included in “M” acres in column 2.

TABLE B-3. Roads inside and outside FRZs that would be buffered for emergency access roadside treatments.

Route No.	Miles	Feet
1C01	0.16	822.10
1C01	10.19	53,815.87
1C01.15	0.09	474.14
1C01.15A	0.04	212.26
1C02	6.00	31,699.01
1E001	1.99	10,498.75
2E001	0.11	579.22
2E001.1	1.03	5,462.69
2E002	0.48	2,556.05
38N17	1.52	8,049.89
39	19.60	103,499.62
39.43	0.03	171.07
39N20	3.24	17,116.18
39N23	11.88	62,704.75
39N23.15	0.02	130.94
39N27	0.11	561.79
39N56	0.86	4,551.89
39N60	0.93	4,918.32
40N54	1.14	6,036.62
40N54.4	0.68	3,580.37
40N61	8.57	45,254.88
41N18	0.80	4,224.00
41N18.1	0.21	1,106.16
41N19	0.01	63.36
Total	69.69	368,089.93

TABLE B-4. Proposed prescribed burn areas.

Prescribed Burn (Rx) Unit ^{a, b}	Total Acres	Meets Objective ^c		Plantations Acres ^d	Riparian Reserves ^e	Acres Along Roads ^f
Rx1	1,300		X	17	508	167
Rx2	1,972		X	98	514	147
Rx3	2,916		X	132	981	146
Rx4	4,330		X	393	1,546	149
Rx5	1,610		X	78	595	34
Rx6	1,379		X	22	543	0
Rx7	1,457		X	293	420	268
Rx8	826		X	35	253	43
Rx9	1,247		X	46	351	82
Rx11	250		X	97	46	37
Rx12	521		X	43	203	50
Total	17,808			1,254	5,960	1,123

Notes:

- a. Other activities in prescribed burn areas may include prescribed underburns; fireline construction, including handline and machine constructed fireline.
- b. Rx10 is now part of FRZ 20.
- c. Objectives of (purpose of) the Eddy Gulch LSR Project
 - Community Protection*—Reduce wildfire threat to communities and municipal water supplies and increase public and firefighter safety.
 - Habitat Protection*—Protect existing and future late-successional habitat from threats (of habitat loss) that occur inside and outside the Eddy Gulch LSR.
 - Habitat Development*—Promote the continued development of late-successional characteristics.
- d. Plantations acres are included in total acres in column 2.
- e. Riparian Reserve acres are included in total acres in column 2.
- f. Roadside acres are included in total acres in column 2.

TABLE B-5. FWS priority areas.

Treatment Area	Area Acres	FWS-1 East Fork (Acres)	FWS-2 Matthews Creek (Acres)	FWS-3 Etna Summit (Acres)	FWS-4 Grasshopper Ridge (Acres)
Proposed Fuel Reduction Zones					
FRZ1	150				
FRZ2	843				
FRZ3	545				
FRZ4	263				
FRZ5	372				
FRZ6	489		433		
FRZ7	735		406		
FRZ8	305		33		
FRZ9	318		19		
FRZ10	382				
FRZ11	275				
FRZ12	359				
FRZ13	655	50			47
FRZ14	293				293
FRZ15	678				616
FRZ16	288				
FRZ17	193				
FRZ18	244				
FRZ19	198				
FRZ20	998				
Proposed Mechanical Treatment Areas					
M2	21		21		
M3	9		9		
M4	43		43		
M5	22		22		
M6	80		15		
M7	46				
M8	17				
M9	36				
M10	92				
M11	56				
M12	57				
M13	23				
M15	159				
M16	26				
M17	19				
M18	23				
M19	53				
M20	63				
M21	130				
M22	53				53
M23	36				36

TABLE B-5. FWS priority areas (continued).

Treatment Area	Area Acres	FWS-1 East Fork (Acres)	FWS-2 Matthews Creek (Acres)	FWS-3 Etna Summit (Acres)	FWS-4 Grasshopper Ridge (Acres)
M24	42				42
M25	48				5
M29	79				
M30	37				
M31	45				
M32	3				3
M35	14				
M36	21	6			
M37	12				
M38	17				
M39	20				
M40	10				
M41	4				
M42	12		12		
M43	16				
M44	17				
M45	25				
M46	23				
M47	39				
M48	16				
M49	4				
M50	31				
M51	13				
M52	13				
M53	8				
M54	23				
M55	27		27		
M56	7				
M57	39				
M58	11				
M59	14				
M60	17				4
M61	25				25
M62	13				13
M63	7				7
M64	21				
M65	6				
M66	6				
M67	7				
M68	12				
M69	17		5		
M70	11				
M71	7				

TABLE B-5. FWS priority areas (continued).

Treatment Area	Area Acres	FWS-1 East Fork (Acres)	FWS-2 Matthews Creek (Acres)	FWS-3 Etna Summit (Acres)	FWS-4 Grasshopper Ridge (Acres)
M72	6				
M73	36				
M74	16				
M75	62				
M76	2				
M77	8				
M78	28				
M79	13				
M80	7				
M81	36		36		
M82	18				
M83	27				
M84	9				
M86	21				
M87	3				3
M88	10				10
M89	18				18
Proposed Prescribed Burn Areas					
Rx1	1,300				
Rx2	1,972				
Rx3	2,916		2,884		
Rx4	4,330		995		
Rx5	1,610				
Rx6	1,379				467
Rx7	1,457				996
Rx8	826	157			
Rx9	1,247				
Rx11	250				
Rx12	521				

TABLE B-6. Acres that would be treated if temporary roads were constructed.

Mechanical Treatment Area	Total Acres Proposed for Treatment if Temp Roads Were Constructed	Acres That Could Not Be Treated if Temp Roads Not Constructed
M29	79	30
M12	57	6
M57	39	23
M13	23	5
M10	92	42
M8	17	13
M11	56	56
M6	80	30
M47	39	30
M48	16	10
M15	159	19
M21	130	38
M22	53	9
M31	45	32
Total	885	343