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9	Sacramento, CA 95814 Telephone: (916) 554-2766 Facsimile: (916) 554-2900	
11	Attorneys for Federal Defendants	
12	IN THE UNITED STAT	ES DISTRICT COLDT
13	FOR THE EASTERN DIS	
14	SACRAMENT	
15	DI CIVILIVI	TO DIVIDIOIV
16	SIERRA NEVADA FOREST PROTECTION)	
17	CAMPAIGN, PLUMAS FOREST PROJECT () EARTH ISLAND INSTITUTE; and CENTER ()	Case No. S-04-CV-2023 LKK/PAN
18	FOR BIOLOGICAL DIVERSITY, non-profit organizations,	
19	Plaintiffs,)	DECLARATION OF PETER H. HOCHREIN
20	v.)	
21 22	UNITED STATES FOREST SERVICE;	
23	JACK BLACKWELL, in his official capacity (as Regional Forester, Region 5, United States (brosest Service; and JAMES M. PENA, (c)	
24	Federal Defendants,	
25	and	
26	QUINCY LIBRARY GROUP, an unincorporated citizens group; and	
27	PLUMAS COUNTY,	
28	Defendant-Intervenors.	

I, PETER H. HOCHREIN, in accordance with the provisions of 28 U.S.C. section 1746 declare:

- 1. I am a Civil Engineer with the Forest Service, U.S. Department of Agriculture. I have worked for the Forest Service for the past 29 years. I earned my Bachelors degree in Forestry from the University of California at Berkeley (1978). I earned my Master of Forestry degree in Forest Engineering at Oregon State University (1986). My current position is Transportation Planner for the Plumas National Forest. I have been in this position for the past 7 years. Prior to my current job, I was the project group leader providing leadership and guidance in transportation planning, road survey and design, contract administration and logging systems analysis for the Plumas National Forest. Prior to that job, I was the logging engineer for the Greenville and Milford Ranger Districts on the Plumas National Forest.
- 2. I have been the Plumas National Forest Economist for the past ten years. I developed a spreadsheet using the State of California Yield Tax methodology to evaluate timber sales to show their value and costs, and to evaluate forest-thinning contracts.. The spreadsheet has been very accurate in determining selling value for timber sales and contract cost for service contracts. I complete all the economic analyses for EAs and EISs on the Plumas National Forest. I have been the lead in this area for the past 10 years. I prepared the economic analysis for the Meadow Valley EA. See 14 AR 5001-02.
- 3. The economic analysis for the Meadow Valley project shows, among other things, the total value, total cost, net value, and total non-harvest cost for actions alternatives analyzed (in this case, Alternatives A and C). Each of these items is marked in capital letters on the spreadsheets included in the record. See 14 AR 5001-02. The total value represents the amount a logger would receive when selling the harvested timber to a mill or other purchaser, minus standard logging and hauling costs. The total cost represents the amount it would cost a logger, in addition to standard logging and hauling expenses, to harvest the timber and deliver it to a mill or other producer. The net value is the difference between the two, and represents the approximate amount a logger would pay the Forest Service to harvest the trees (i.e., stumpage). The total non-harvest cost represents costs associated with action not directly tied to the harvest and selling of timber, but which nonetheless must be done as part of completing the project.

- 4. The economic analysis for alternative C shows a total value of \$6,069,766.00, a total cost of \$4,814,046 and a net value of \$1,255,720. See 14 AR 5002; Attachment 1.
- 5. In order to determine the various costs and values of Alternative C without the group selection component, I ran the original spreadsheet and subtracted out the timber associated with the group selection harvest. See Attachment 2. This spreadsheet represents implementing the Meadow Valley DFPZ with a DBH limit of 20-30" (depending on location), as set out in Alternative C in the EA, and not implementing the groups. When this scenario is run, the total value declines to \$2,582,082, the total cost declines to \$3,860,656, and the net value becomes negative \$1,278,574. Id.
- 6. In order to determine the various costs and values of the DFPZ with a diameter limit of 12", I ran the original spreadsheet and subtracted out the timber associated with the group selection harvest as well as the timber in the DFPZ from 12-30" DBH. See Attachment 3. When this scenario is run, the total value declines to \$1,670,918, the total cost declines to \$3,437,619, and the net value becomes negative \$1,766,701. Id.
- 7. Attachment 4 shows a summary of the calculations noted above, as well as data that was used in making the calculations.

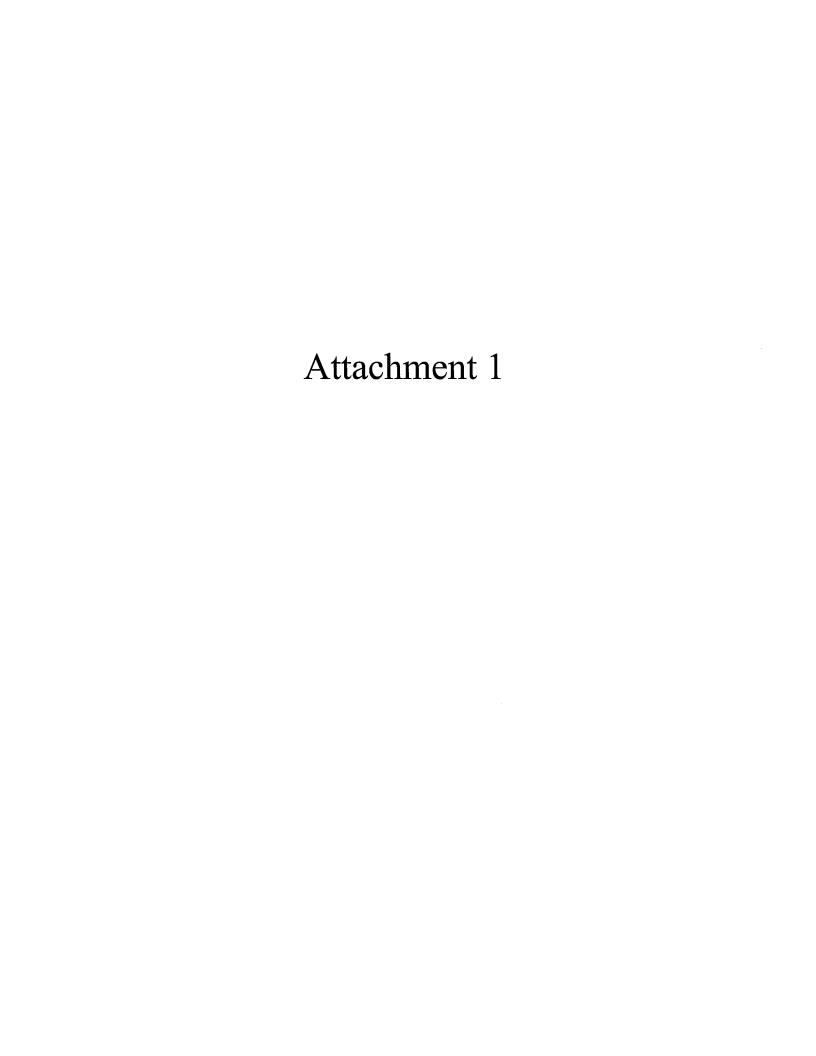
Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing is true and correct. Executed this 27th day of January 2005.

PETER H. HOCHREIN

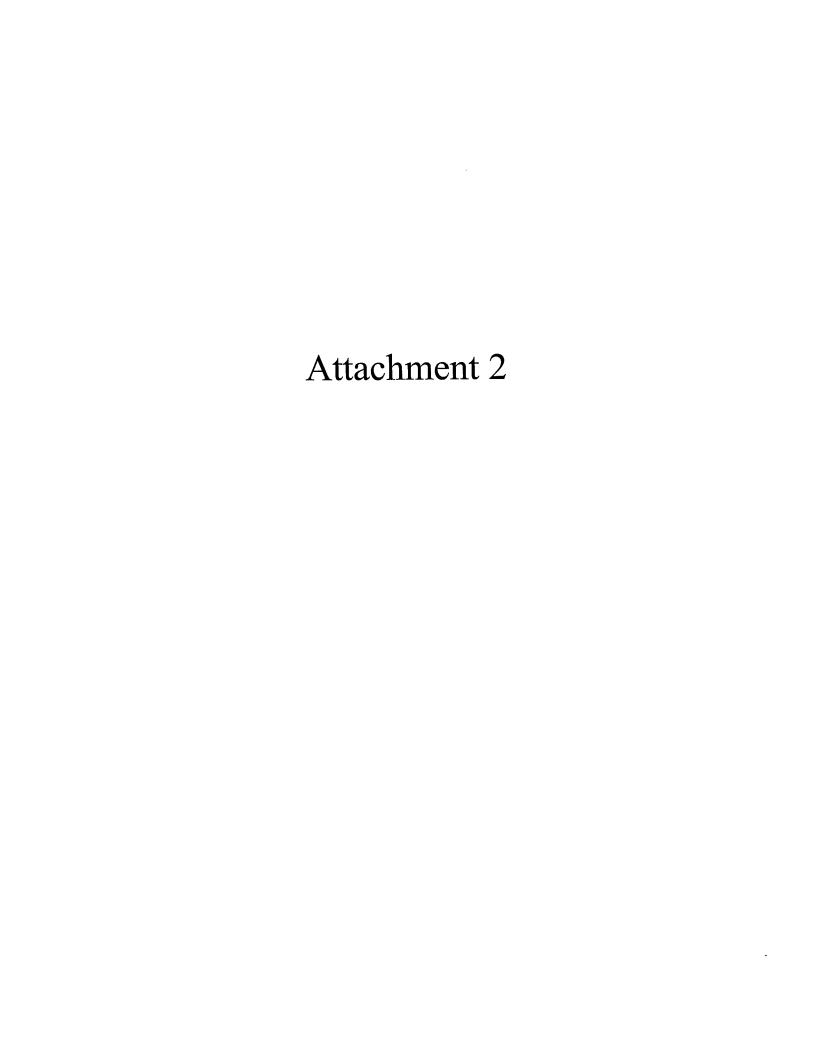
Forest Transportation Planner 159 Lawrence St. Quincy, CA 95971 (530) 283-7718

97%

CERTIFICATE OF SERVICE I hereby certify that on January 28, 2005, I electronically filed the foregoing Federal Defendants' DECLARATION OF PETER H. HOCHREIN, with the Clerk of the Court using the CM/ECF system, which will send notification of such filing to the following: Michael R. Sherwood msherwood@earthjustice.org Michael B. Jackson mjatty@sbcglobal.net I further certify that I caused to be served a copy of Federal Defendants' DECLARATION OF PETER H. HOCHREIN, by Federal Express overnight delivery, upon the following individual: RACHEL M. FAZIO John Muir Project 15267 Meadow Valley Grass Valley, CA 95945 /s/ Brian C. Toth Attorney for Federal Defendants



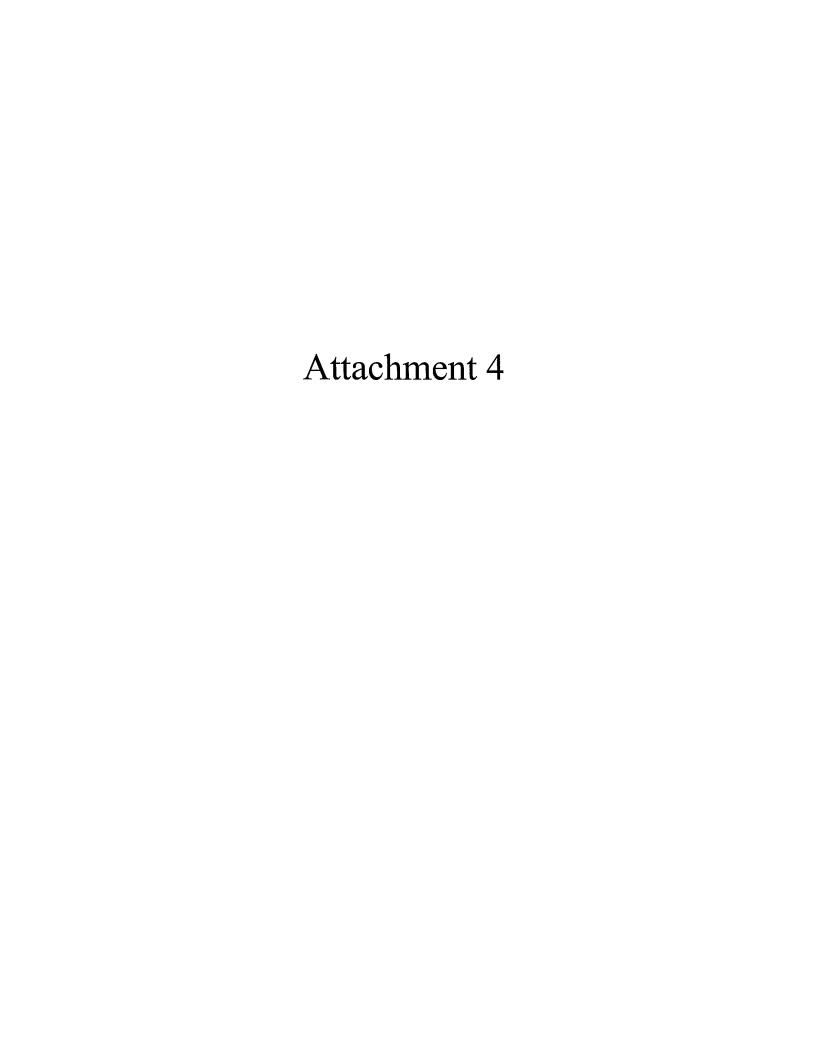
lternative C		ECONO	MICEAR	I ALYSIS			01/25/05
		Meadow Va	lley Pro	posed Act	ion		13:40:29
ALUE	Total Acres		4203		Low mbf	\$0	mbf/ac
P 23"-29.9" sawtimber *		mbf X (\$380			/mbf)	\$589,000
F 23"-29.9" sawtimber *		mbf X (\$380			/mbf)	\$147,250
VF 23"-29.9" sawtimber *		mbf X (\$190			/mbf)	\$883,500
		mbf X (/mbf +		/mbf)	\$286,750
of 23"-29.9" sawtimber *				/mbf +		/mbf)	\$162,750
C 23"-29.9" sawtimber *		mbf X (· · · · · ·		\$2,542,500
ALL 10"-22.9" sawtimber **	28250			/mbf +	·	/mbf)	
Biomass Value when Removed		acres X		tons/acre X	\$11.50	/Ton =	\$1,458,016
TOTAL VALUE	36000	mbf		mbf/acre			\$6,069,766
	7750		126784				
COSTS		vesting Sawtir			ne Operati	on)	
Add sawtimber skyline cost		mbf X		/mbf =			\$0
Additional Cost		mbf X	<u>\$180.0</u>				\$0
Additional Cost		acres X		/acre			\$0
	Average Unit	Size =	<u>148</u>	acres		\$15	/acre
	Contract Len	gth =	2	years		(\$30)	/acre
	Months Oper		5	months		\$0	/acre
Acres of 6"-9.9" biomass-tractor		acres X (/acre +	(\$15)	/acre)	\$0
Acres of 3"-9.9" biomass-tractor		acres X (\$352	<u> </u>		/acre)	\$1,694,965
		acres X (/acre +		/acre)	\$0
Acres of 6"-9.9" biomass-skyline		acres X (/acre +		/acre)	\$0
Acres of 3"-9.9" biomass-skyline		Biomass Acre		/ UCI E +	(610)	/ucie)	+ + + + + + + + + + + + + + + + + + + +
			5				9000
# of sawtimber loads	36000.0					mbf/truck =	
Additional Haul Cost (4 hr avg)		hours/trip X		/hour X		trips	\$0
# of biomass loads		acres X		tons/acre /		tons/truck =	
Haul Cost Biomass	4	hours/trip X	\$50	/hour X		trips	\$1,014,200
Surface Replacement-sawtimber		mbf X	İ			/mbf =	\$144,000
Surface Replacement-biomass	5025	acres X	25.2	tons/acre X	\$0.67	/ton =	\$84,945
Subsoiling Costs	200	acres X	\$230	/acre			\$46,000
BD Costs		mbf X	\$1.00				\$36,000
Road Construction		miles X	5,000				\$375,000
Advertised Rate-sawtimber		mbf X		, ,,,,,,	\$13.50	/mbf	\$486,000
Advertised Rate-biomass		acres X	25.2	tons/acre >			\$25,357
	\$6,069,766		2.9%		\$0,20	7 1011	\$176,023
Yield Tax				/trip		-	\$540,000
Scaling Sawtimber		trips					\$177,485
Scaling Biomass	507	i trips	\$30	/trip	(1) 1 Sup 11-01;		\$4,814,046
TOTAL COST		<u>Maria di Jaha sasa </u>		Mittel 19 July 20			\$4,014,040
		Tagas Treas - Anna a service a 1996	27 (374); and 1 (4), and 40				#4 OFF 700
NET VALUE				3.45	أستاف والمعيوسين		\$1,255,720
				PERCENT A			21
Groups:					Acre/jo	b Full Time Jo	
Reforestation Costs	33	ō acres X	\$275	/acre	110	0	7 \$92,12
)	4 \$55,75
I <i>G</i> rapple Pile	22	3 acres X	\$250	/acre	120	5	
Grapple Pile Hand line and Underburn		3 acres X 6 acres X		/acre	40		
Hand line and Underburn	25	6 acres X	\$450	/acre		0	1 \$115,20
Hand line and Underburn Road Decommissioning	25			/acre	40	0	1 \$115,20
Hand line and Underburn Road Decommissioning DFPZ:	25 4	6 acres X 0 miles X	\$450 \$5000	/acre mile	40	0	1 \$115,20 2 \$198,50
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile	25	6 acres X 0 miles X 3 acres X	\$450 \$5000 \$250	/acre mile /acre	40	0 1	1 \$115,20 2 \$198,50 19 \$255,75
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn	25 4 102 82	6 acres X 0 miles X 3 acres X 8 acres X	\$450 \$5000 \$250 \$500	/acre mile /acre /acre	400 40 12 12	0 1	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn	25 4 102 82 309	6 acres X 0 miles X 3 acres X 8 acres X 9 acres X	\$450 \$5000 \$250 \$500 \$150	/acre mile /acre /acre /acre	12: 12: 40	0 10 10 10 10 10 10 10 10 10 10 10 10 10	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication	25 4 102 82 309	6 acres X 0 miles X 3 acres X 8 acres X	\$450 \$5000 \$250 \$500	/acre mile /acre /acre /acre	400 40 12 12	0 10 10 10 10 10 10 10 10 10 10 10 10 10	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST	25 4 102 82 309	6 acres X 0 miles X 3 acres X 8 acres X 9 acres X	\$450 \$5000 \$250 \$500 \$150	/acre mile /acre /acre /acre	12: 12: 40	0 1	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,17
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass	25 4 102 82 309 10	6 acres X 0 miles X 3 acres X 8 acres X 9 acres X 5 acres X	\$450 \$5000 \$250 \$500 \$150	/acre mile /acre /acre /acre	12: 12: 40	0 1	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,13
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST	25 4 102 82 309 10	6 acres X 0 miles X 3 acres X 8 acres X 9 acres X	\$450 \$5000 \$250 \$500 \$150	/acre mile /acre /acre /acre	12: 12: 40	0 1	1 \$115,20 2 \$198,50 19 \$255,78 15 \$414,00 17 \$464,88 2 \$42,00 \$1,638,1
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS	25 4 102 82 309 10	6 acres X 0 miles X 3 acres X 8 acres X 9 acres X 5 acres X	\$450 \$5000 \$250 \$500 \$150	/acre mile /acre /acre /acre	12: 12: 40	0 1	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,13
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass	25 4 102 82 309 10	6 acres X 0 miles X 3 acres X 8 acres X 9 acres X 5 acres X	\$450 \$5000 \$250 \$500 \$150	/acre mile /acre /acre /acre	12: 12: 40	0 1	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,17
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INC	25 4 102 82 309 10	6 acres X 0 miles X 3 acres X 8 acres X 9 acres X 5 acres X	\$450 \$5000 \$250 \$500 \$150	/acre mile /acre /acre /acre	12: 12: 40	0 1	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,13
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INC Assumptions:	25 4 102 82 309 10	6 acres X 0 miles X 3 acres X 8 acres X 9 acres X 5 acres X	\$450 \$5000 \$250 \$500 \$150 \$400	/acre mile /acre /acre /acre /acre	400 40 12 12 40 12	0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,13
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INC Assumptions: * Harvest Value Schedules, CA S	102 82 309 10	6 acres X D miles X 3 acres X 8 acres X 9 acres X 5 acres X	\$450 \$5000 \$250 \$500 \$150 \$400	/acre mile /acre /acre /acre /acre	400 40 12 12 40 12	0 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,1 16 66 \$29,377,55
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INC Assumptions: * Harvest Value Schedules, CA S ** Harvest Value Schedules, CA S	102 82 309 10 COME	6 acres X D miles X 3 acres X 8 acres X 9 acres X 5 acres X cres X	\$450 \$5000 \$250 \$500 \$150 \$400	/acre mile /acre /acre /acre /acre	400 40 12 12 40 12	0 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,1 16 66 \$29,377,55
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INC Assumptions: * Harvest Value Schedules, CA S ** Harvest Value Schedules, CA S *** Timber Values for 10"-13.9" of	102 82 309 10 COME	6 acres X D miles X 3 acres X 8 acres X 9 acres X 5 acres X cqualization, Talequalization, A	\$450 \$5000 \$250 \$500 \$150 \$400	/acre mile /acre /acre /acre /acre /acre /acre sea 7, Tractor est Values, S	400 40 12 12 40 12	0 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,1 16 66 \$29,377,55
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INC Assumptions: * Harvest Value Schedules, CA S ** Harvest Value Schedules, CA S ** Timber Values for 10"-13.9" o Deduction if average volume per a	102 82 309 10 COME	6 acres X D miles X 3 acres X 8 acres X 9 acres X 5 acres X cqualization, Ta Equalization, A f	\$450 \$5000 \$250 \$500 \$150 \$400 Subject 4, Area Aisc. Harv	/acre mile /acre /acre /acre /acre /acre za 7, Tractor est Values, S ac -\$50	400 40 12 12 40 12 12 40 12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,1 16 66 \$29,377,55
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED: INc Assumptions: * Harvest Value Schedules, CA S ** Timber Values for 10"-13.9" of Deduction if average volume per a Skyline Yarding \$30/mbf for 23"	25. 4 102 82 309 10 COME tate Board of Estate Board of are \$25.00/mb cre under 5mb -29.9"(25% of	6 acres X D miles X 3 acres X 8 acres X 9 acres X 5 acres X cqualization, Ta Equalization, A f f/ac -\$25, und	\$450 \$5000 \$250 \$500 \$150 \$400 Subject 4, Area Aisc. Harv	/acre mile /acre /acre /acre /acre /acre za 7, Tractor est Values, S ac -\$50	400 40 12 12 40 12 12 40 12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,638,1 16 66 \$29,377,55
Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INC Assumptions: * Harvest Value Schedules, CA S *** Timber Values for 10"-13.9" of Deduction if average volume per a	25. 4 102 82 309 10 COME tate Board of Estate Board of are \$25.00/mb cre under 5mb -29.9"(25% of 6 for 400 ac to	6 acres X D miles X 3 acres X 8 acres X 9 acres X 5 acres X funding the following the following for 5 acres	\$450 \$5000 \$5000 \$1500 \$1500 \$4000 \$1500 \$4000 \$1500 \$4000 \$1500 \$4000 \$1500 \$	/acre mile /acre /acre /acre /acre /acre za 7, Tractor est Values, S ac -\$50	400 40 12 12 40 12 12 40 12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 \$115,20 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,638,1 16 6 \$29,377,5



Alterative C without Groups <30"		FCC	ONC	MIC A	JAIV	STS			i	01/25/05
				lley Pro			ion			13:40:29
VALUE	Total Acres		VV V G		acres		Low mbf			mbf/ac
PP 23"-29.9" sawtimber *		mbf X	-	\$380		+	(\$25)		(423)	\$59,104
SP 23"-29.9" sawtimber *		mbf X			/mbf	+	(\$25)		'	\$14,776
WF 23"-29.9" sawtimber *		mbf X	1		/mbf	+	(\$25)			\$82,413
DF 23"-29.9" sawtimber *		mbf X	\		/mbf	+	(\$25)		,	\$28,720
IC 23"-29.9" sawtimber *		mbf X	\		/mbf	+	(\$25)		,	\$16,441
ALL 10"-22.9" sawtimber **		mbf X	\rightarrow		/mbf	+		/mbf	<u> </u>	\$922,613
Biomass Value when Removed		acres X			tons/a		\$11.50	/ton =)	\$1,458,016
TOTAL VALUE	15027				mbf/a		\$11.00	71011 -		
TO TAL VALUE	832.45			126784		cre	Г	1		\$2,582,082
COSTS	(Assumes Har	i	Cauti			a in On		 \		
Add sawtimber skyline cost	(Assumes Flui	mbf X	Sawiir		/mbf		le Operan	ion)		40
Additional Cost		mbf X								\$0
Additional Cost			,		/mbf					\$0
Additional Cost		acres X			/acre		ļ		A . F	\$0
	Average Unit				acres				\$15	/acre
	Contract Len				years					/acre
6.40.0004	Months Oper				month			ļ	\$0	/acre
Acres of 6"-9.9" biomass-tractor		acres X			/acre	+		/acre)	\$0
Acres of 3"-9.9" biomass-tractor		acres X			/acre			/acre)	\$1,682,300
Acres of 6"-9.9" biomass-skyline		acres X		\$1,500	/acre	+		/acre)	\$0
Acres of 3"-9.9" biomass-skyline		acres X		\$2,000	/acre	+	(\$15)	/acre)	\$0
		Biomass	Acres	S						
# of sawtimber loads	15026.5	mbf /					4	mbf/tr	uck =	3757
Additional Haul Cost (4 hr avg)	0	hours/t	rip X	\$50	/hour	X	3757	trips		\$0
# of biomass loads	4876	acres X	(26.0	tons/	icre /	25	tons/tr	uck =	507:
Haul Cost Biomass	4	hours/t	rip X	\$50	/hour	X	5071	trips		\$1,014,200
Surface Replacement-sawtimber		mbf X						/mbf =	:	\$60,106
Surface Replacement-biomass		acres X		26.0	tons/c	cre X		/ton =		\$84,945
Subsoiling Costs		acres X			/acre		4 2 1 2 1	1		\$40,250
BD Costs		mbf X	·	\$1.00				-		\$15,027
Road Construction		miles X	,	5,000			 			\$249,000
Advertised Rate-sawtimber		mbf X		3,000	/ inite		\$13.50	/mbf		\$202,858
Advertised Rate-biomass	<u> </u>	acres >		26.0	tong/	acre X				\$25,357
Yield Tax	\$2,582,082		<u>`</u>	2.9%		ICI'E X	\$0.20	71011		
Scaling Sawtimber		trips					-	-		\$74,880
Scaling Biomass					/trip					\$225,420
TOTAL COST	30/1	trips	55.50	1 333	/trip	enter en la companya de la companya	<u> </u>	J		\$177,485
TOTAL COST		<u> </u>			1			1		\$3,860,656
NACTAVINED	September 1980 to the		. 170	e and the original of				1		(1)
NET VALUE		Salar Salar		_0%_ / A	1			<u> </u>	<u> </u>	(\$1,278,574
		1				-NIT AI	BOVE VAL	JUE .		-50%
Groups:		+		ļ <u>. </u>	PERCE					
							Acre/jol		ne Job	S
Reforestation Costs		acres >		\$275	/acre			Full Tit	ne Job O	s \$(
Reforestation Costs Grapple Pile	C	acres >	<	\$250	/acre		Acre/jol	Full Ti		\$ \$(
Reforestation Costs	C	acres >	<u> </u>	\$250	/acre		Acre/jol 110	Full Ti	0	\$ \$(
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning	C	acres >	<u> </u>	\$250	/acre /acre		Acre/jol 110 120	Full Tit	0	\$ \$(\$(
Reforestation Costs Grapple Pile Hand line and Underburn	C	acres >	<u> </u>	\$250 \$450	/acre /acre		Acre/jol 110 120 400	Full Tit	0	\$ \$(\$(
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning	0 0 40	acres >	Κ Κ	\$250 \$450 \$5000	/acre /acre /acre mile		Acre/jol 110 120 400	Full Ti	0 0 0 2	\$ \$0 \$0 \$198,500
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile	0 0 40 1023	acres > acres > acres > miles > acres >	Κ Κ Κ	\$250 \$450 \$5000 \$250	/acre /acre /acre mile /acre		Acre/jol 110 120 400 40 120	p Full Tit	0 0 0 2 19	\$ \$(\$(\$198,500 \$255,75(
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn	1023 828	acres > acres > miles × acres > acres > acres > acres >	Κ Κ Κ	\$250 \$450 \$5000 \$250 \$500	/acre /acre /acre mile /acre		Acre/jol 110 120 400 40 120 120	Full Tit	0 0 0 2 19	\$ \$(\$(\$198,500 \$255,75(\$414,000
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn	1023 828 3099	acres > acres > miles X	ζ ζ ζ χ	\$250 \$450 \$5000 \$250 \$500 \$150	/acre /acre mile /acre /acre /acre		Acre/jol 110 120 400 40 120 120 400	Full Tit	0 0 0 2 19 15	\$ \$(\$) \$(\$) \$198,500 \$255,75(\$) \$414,000 \$464,85(\$)
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication	1023 828 3099	acres > acres > miles × acres > acres > acres > acres >	ζ ζ ζ χ	\$250 \$450 \$5000 \$250 \$500	/acre /acre mile /acre /acre /acre		Acre/jol 110 120 400 40 120 120	Full Tit	0 0 0 2 19	\$ \$(\$) \$198,500 \$198,500 \$255,750 \$414,000 \$464,850 \$42,000
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST	1023 828 3099	acres > acres > miles X	ζ ζ ζ χ	\$250 \$450 \$5000 \$250 \$500 \$150	/acre /acre mile /acre /acre /acre		Acre/jol 110 120 400 40 120 120 400	Full Tit	0 0 0 2 19 15 17	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass	1023 828 3099	acres > acres > miles X	ζ ζ ζ χ	\$250 \$450 \$5000 \$250 \$500 \$150	/acre /acre mile /acre /acre /acre		Acre/jol 110 120 400 40 120 120 400	Full Tit	0 0 0 2 19 15	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST	1023 828 3099 105	acres > acres > miles X	ζ ζ ζ χ	\$250 \$450 \$5000 \$250 \$500 \$150	/acre /acre mile /acre /acre /acre		Acre/jol 110 120 400 40 120 120 400	Full Tit	0 0 0 2 19 15 17	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
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Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INCO Assumptions: * Harvest Value Schedules, CA Sta	1023 828 3099 105	acres > miles X acres > acres > acres > acres > acres >	K K	\$250 \$450 \$5000 \$250 \$500 \$150 \$400	/acre /acre mile /acre /acre /acre /acre /acre	actor,	110 120 400 120 400 120 400 120	Full Tit	0 0 0 2 19 15 17 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INCO Assumptions: * Harvest Value Schedules, CA Sta ** Harvest Value Schedules, CA Sta	1023 828 3099 105 OME	acres > miles X acres > acres	K K	\$250 \$450 \$5000 \$250 \$500 \$150 \$400	/acre /acre mile /acre /acre /acre /acre /acre	actor,	110 120 400 120 400 120 400 120	Full Tit	0 0 0 2 19 15 17 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INCO Assumptions: * Harvest Value Schedules, CA State ** Harvest Value Schedules, CA State ** Timber Values for 10"-13.9" ar	1023 828 3099 105 OME The Board of Ectate Bo	acres > acres	K K K K K K K Mion, Mi	\$250 \$450 \$5000 \$250 \$500 \$150 \$400	/acre /acre mile /acre /acre /acre /acre /acre /acre	actor, les, Sm	110 120 400 120 400 120 400 120	Full Tit	0 0 0 2 19 15 17 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INCO Assumptions: * Harvest Value Schedules, CA State ** Harvest Value Schedules, CA State ** Timber Values for 10"-13.9" ar Deduction if average volume per ac	1023 828 3099 105 OME The Board of Edite Board of Edite Board of Edite \$25.00/mbf The under 5mbf	acres > miles X acres > acres	X X X X X X ion, Tab	\$250 \$450 \$5000 \$5000 \$150 \$400 \$150 \$400	/acre /acre mile /acre /acre /acre /acre /acre /acre /acre /acre	actor, les, Sm	Acre/jol 110 120 400 120	Full Tit	0 0 0 2 19 15 17 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INCO Assumptions: * Harvest Value Schedules, CA State ** Harvest Value Schedules, CA State ** Timber Values for 10"-13.9" ar	1023 828 3099 105 OME The Board of Edite Board of Edite Board of Edite \$25.00/mbf The under 5mbf	acres > miles X acres > acres	X X X X X X ion, Tab	\$250 \$450 \$5000 \$5000 \$150 \$400 \$150 \$400	/acre /acre mile /acre /acre /acre /acre /acre /acre /acre /acre	actor, les, Sm	Acre/jol 110 120 400 120	Full Tit	0 0 0 2 19 15 17 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Reforestation Costs Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED INCO Assumptions: * Harvest Value Schedules, CA State ** Harvest Value Schedules, CA State ** Timber Values for 10"-13.9" ar Deduction if average volume per ac	1023 828 3099 105 OME The Board of Ectate Board of Etate Board o	acres > acres	X X X X X X X ion, Mi io, unde	\$250 \$450 \$5000 \$5000 \$150 \$400 \$150 \$400	/acre /acre mile /acre /acre /acre /acre /acre /acre /acre /acre	actor, les, Sm	Acre/jol 110 120 400 120	Full Tit	0 0 0 2 19 15 17 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
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terative C without Groups < 12"		FCONO	MICEAN	ALYSIS			01/25/05
Teranive e without or super 12		Meadow Va			ion		13:40:29
ALUE	Total Acres =		4203	icres	Low mbf	(\$25) mbf/ac
23"-29.9" sawtimber *		mbf X (\$380 /		(\$25)		\$0
		mbf X (\$380 /		(\$25)		\$0
23"-29.9" sawtimber *			\$190		(\$25)		\$0
F 23"-29.9" sawtimber *		mbf X (\$370		(\$25)		\$0
F 23"-29.9" sawtimber *		mbf X ((\$25)		\$0
23"-29.9" sawtimber *		mbf X (\$420				\$212,902
LL 10"-22.9" sawtimber **		mbf X (\$90		(\$25)		
iomass Value when Removed		acres X		tons/acre X	<u>\$11.50</u>	/ton =	\$1,458,016
OTAL VALUE	3275	mbf		mbf/acre			\$1,670,918
	0		126784				
OSTS	(Assumes Har	vesting Sawtin			ne Operati	on)	
dd sawtimber skyline cost	<u>o</u>	mbf X		/mbf =			\$0
dditional Cost	0	mbf X	\$180.0	/mbf			\$0
dditional Cost	0	acres X	\$0	/acre			\$0
additional cost	Average Unit		143	acres		\$15	5 /acre
	Contract Leng			years		(\$3	1) /acre
	Months Open			months		\$(
6 411 0 011 1		acres X (\$308		(\$15)	/acre)	\$0
icres of 6"-9.9" biomass-tractor						/acre)	\$1,682,300
icres of 3"-9.9" biomass-tractor		acres X (\$360				\$0
Icres of 6"-9.9" biomass-skyline		acres X (\$1,500			/acre)	
Acres of 3"-9.9" biomass-skyline	<u>0</u>	acres X (\$2,000	/acre +	(\$15)	/acre)	\$0
	4876	Biomass Acre	S				
≠ of sawtimber loads	3275.4	mbf /			4	mbf/truck	= 819
Additional Haul Cost (4 hr avg)		hours/trip X	\$50	/hour X	819	trips	\$0
		acres X		tons/acre		tons/truck	= 507
# of biomass loads		hours/trip X		/hour X		trips	\$1,014,200
Haul Cost Biomass			(\$50	/flour A		/mbf =	\$13,102
Surface Replacement-sawtimber		mbf X		ļ. —, —,			\$84,945
Surface Replacement-biomass		acres X		tons/acre >	(<u>\$0.67</u>	/ton =	
Subsoiling Costs	<u>175</u>	acres X		/acre		ļ	\$40,250
BD Costs	3275	mbf X	<u>\$1.00</u>				\$3,275
Road Construction	49.8	miles X	5,000	/mile			\$249,000
Advertised Rate-sawtimber		mbf X			\$13.50	/mbf	\$44,218
Advertised Rate-biomass		acres X	26.0	tons/acre >	\$0.20	/ton	\$25,357
	\$1,670,918		2.9%				\$48,457
Yield Tax		trips		/trip			\$49,140
Scaling Sawtimber							\$177,485
Scaling Biomass	507	1 trips	\$35	/trip	V 10. 1 100	V-27 V 27 V	\$3,437,619
TOTAL COST		<u>ių ir seržier</u>			- 1	<u> Mariana a saka</u>	φ3,437,012
				<u> </u>		<u> </u>	/t1 744 70
NET VALUE							(\$1,766,70
				PERCENT			-106
Groups:						bb Full Time J	
Reforestation Costs		O acres X	\$275	/acre	11	0	0 \$
				/acre	12	0	0 \$
Grapple Pile		0 acres X	\$250	/acre	12 40		
Grapple Pile Hand line and Underburn	-	0 acres X 0 acres X	\$250 \$450	/acre	40		
Grapple Pile Hand line and Underburn Road Decommissioning	-	0 acres X	\$250	/acre	40	0	0 \$
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ:	4	0 acres X 0 acres X 0 miles X	\$250 \$450 \$5000	/acre mile	40	0	0 \$ 2 \$198,50
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile	4	0 acres X 0 acres X 0 miles X	\$250 \$450 \$5000 \$250	/acre / mile / acre	40 4	0	0 \$ 2 \$198,50 19 \$255,75
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn	102 82	0 acres X 0 acres X 0 miles X 3 acres X 8 acres X	\$250 \$450 \$5000 \$250 \$500	/acre / mile / acre / acre	40 4 12 12	0	0 \$ \$198,50 19 \$255,75 15 \$414,00
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile	102 82 309	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X	\$250 \$450 \$5000 \$5000 \$1500	/acre // mile // /acre // acre // acre	12 12 40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ \$198,50 19 \$255,75 15 \$414,00 17 \$464,85
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn	102 82 309	0 acres X 0 acres X 0 miles X 3 acres X 8 acres X	\$250 \$450 \$5000 \$5000 \$1500	/acre / mile / acre / acre	12 12 40 12 12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication	102 82 309	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X	\$250 \$450 \$5000 \$5000 \$1500	/acre // mile // /acre // acre // acre	12 12 40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ \$198,50 19 \$255,75 15 \$414,00 17 \$464,85 2 \$42,00 \$1,375,10
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST	102 82 309	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X	\$250 \$450 \$5000 \$5000 \$1500	/acre // mile // /acre // acre // acre	12 12 40 12 12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ \$198,50 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,85
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass	102 82 309	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X	\$250 \$450 \$5000 \$5000 \$1500	/acre // mile // /acre // acre // acre	12 12 40 12 12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST	102 82 309 10	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X	\$250 \$450 \$5000 \$5000 \$1500	/acre // mile // /acre // acre // acre	12 12 40 12 12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10 190
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS	102 82 309 10	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X	\$250 \$450 \$5000 \$5000 \$1500	/acre // mile // /acre // acre // acre	12 12 40 12 12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10 190
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED IN Assumntions:	102 82 309 10	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X	\$250 \$450 \$5000 \$250 \$500 \$150 \$400	/acre /mile /acre /acre /acre /acre /acre /acre	40 40 12 12 40 12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10 190
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED IN Assumptions: * Harvest Value Schedules CA S	4 102 82 309 10	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X	\$250 \$450 \$5000 \$250 \$500 \$150 \$400	/acre // mile // acre // /acre // /acre // /acre // /acre // /acre	40 40 12 40 12 7, 23"-29	0 0 0 0 0 0 0 0 0 0	0 \$ 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10 190 2 \$10,560,00
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED IN Assumptions: * Harvest Value Schedules CA S	4 102 82 309 10	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X	\$250 \$450 \$5000 \$250 \$500 \$150 \$400	/acre // mile // acre // /acre // /acre // /acre // /acre // /acre	40 40 12 40 12 7, 23"-29	0 0 0 0 0 0 0 0 0 0	0 \$ 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10 190 2 \$10,560,00
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED IN Assumptions: * Harvest Value Schedules, CA S ** Harvest Value Schedules, CA	102 82 309 10 COME	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X 5 acres X	\$250 \$450 \$5000 \$250 \$500 \$150 \$400	/acre // mile // acre // /acre // /acre // /acre // /acre // /acre	40 40 12 40 12 7, 23"-29	0 0 0 0 0 0 0 0 0 0	0 \$ 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10 190 2 \$10,560,00
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED IN Assumptions: * Harvest Value Schedules, CA S ** Harvest Value Schedules, CA *** Timber Values for 10"-13.9"	102 82 309 10 COME	O acres X O acres X O miles X acres X acres X acres X acres X acres X	\$250 \$450 \$5000 \$250 \$150 \$400	/ /acre // mile // /acre	40 40 12 40 12 7, 23"-29	0 0 0 0 0 0 0 0 0 0	0 \$ 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10 190 2 \$10,560,00
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED IN Assumptions: * Harvest Value Schedules, CA *** Timber Values for 10"-13.9" Deduction if average volume per services.	102 82 309 10 COME State Board of I State Board of are \$25.00/mb	O acres X O acres X O miles X 3 acres X 8 acres X 9 acres X 5 acres X	\$250 \$450 \$5000 \$250 \$150 \$400 Table 4, Ar Misc. Harv	/acre //acre	12 12 40 12 12 7, 23"-29 Small Sawl	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10 190 2 \$10,560,00
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED IN Assumptions: * Harvest Value Schedules, CA S ** Harvest Value Schedules, CA S ** Timber Values for 10"-13.9" Deduction if average volume per a Skyline Yarding \$30/mbf for 23"	102 82 309 10 COME State Board of I State Board of are \$25.00/mb acre under 5mb 1-29.9"(25% of	O acres X O acres X O miles X I miles X I acres X I ac	\$250 \$450 \$5000 \$250 \$150 \$400 *********************************	/acre //acre	12 12 40 12 12 7, 23"-29 Small Sawl	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10 190 2 \$10,560,00
Grapple Pile Hand line and Underburn Road Decommissioning DFPZ: Grapple Pile Hand Pile and Burn Hand line and Underburn Mastication TOTAL NON-HARVEST COST Harvest/Biomass TOTAL FULL TIME JOBS TOTAL EMPLOYEE-RELATED IN Assumptions: * Harvest Value Schedules, CA *** Timber Values for 10"-13.9" Deduction if average volume per services.	COME State Board of listate Board of are \$25.00/mbarre under 5mbarre 29.9"(25% of % for 400 ac to	O acres X O acres X O miles X I miles X I acres X I ac	\$250 \$450 \$5000 \$250 \$500 \$150 \$400 able 4, Ar Misc. Harv der 2mbf//mbf for 1	/acre //acre	12 12 40 12 12 7, 23"-29 Small Sawl	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 \$ 2 \$198,50 19 \$255,75 15 \$414,00 17 \$464,81 2 \$42,00 \$1,375,10 190 2 \$10,560,00



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					Ř	DFPZ	es GS	DFPZ	GS	DFPZ	GS	DFPZ	GS	ZdJQ	es.				SQUEST ON STIME		ALT C - NO GROUPS <12"
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