USDA FOREST SERVICE **REPORT OF TIMBER SALE** **APPRAISAL SUMMARY**

Region: 5 **Forest:** Six Rivers-10 **Appr To:** Weaverville, CA (saw) **Appraisal Date:** 23-Mar-15
Reviewed by: L. Crippa **District:** Mad River-54 **Appraisal Type:** ATEAM **Rollback Factor:** 10%
Sale #: 54175 **Sale Name:** CG Heli ReOffer **Base Period:** 10/10/14-4/8/15 **Required KV Cost:**

Species and Volumes	1	2	3	4	5	6	7	Average	Total
1. Species	PP/JP		WF/RF	DF					
2. Species Code	122		025	205					
3. Product-Unit of Measure	01-03		01-03	01-03					
4. % by Species	4.3%		1.1%	94.6%					100.0%
5. Volume - CCF Total Conv.	860.37		230.58	19,064.01					20,154.96
5a. Volume - MBF Sawtimber	485.39		130.69	10,840.11					11,456.19
5b. Volume - Green Tons Tot C	3,745.85		1,270.01	70,146.91					75,162.77
6. Quality Value - $/CCF	166.43		230.87	252.28	230.00	177.00		248.37	

Sale Costs - $/CCF	Average		Road & Haul Information	Miles	Total Cost		
7. PAL Fire Protection	6.39		Specified Road Constuction				
8. Stump-to-Truck	163.34		Specified Road Reconstruction				
9.			Temp Road Construction	2.20	12,400.00		
10. Hauling	74.55		Haul Miles (sawlogs)				
11. Sale Specific	0.48		Haul Miles (biomass)				
12. Slash Work	5.01						
13. Erosion Control	7.06						
14. Specified Road Cost							
15. Road Maintenance	3.94						
16. Brush Disposal Deposit	1.94						
17. Surface Replacement Deposit	1.43						
18. Road Maintenance Deposit	1.91						
19. Engineering Deposit							
20. Temporary Road Cost	0.62						
21.							
22. Total Cost	266.67					266.67	

Advertised Rates - $/CCF	1	2	3	4	5	6	7	Average	Total
23. Conversion Return	-100.24		-35.80	-14.39				-18.30	-368,829.36
24. Rollback Adjustment	10.0%		10.0%	10.0%				10.0%	
25. Indicated Advertised Rate	-110.26		-39.38	-15.83				-20.13	-405,712.29
26. Regional Minimum Rates	1.00		1.00	3.00				2.89	58,282.98
27. Base Rates	1.00		1.00	3.00				2.89	58,282.98
28. Adjustment to Base Rate	111.26		40.38	18.83				23.02	463,995.27
29a. Advertised Rates	1.00		1.00	3.00				2.89	58,282.98
39b. Total Sale Value									58,282.98

Appraisal Factors	1	2	3	4	5	6	7	Average	Total
30. Base Indices	315.86		219.54	224.16					
31. Index Name Code	WWPAD		WWPAD	WWPAD					
32. Rollback Adjustment Amount	10.02		3.58	1.44					
33. Conversion Factor (mbf/ccf)	0.5642	0.5000	0.5668	0.5686	0.5000	0.5000		0.5684	saw timber
34. Timber Property Value									
35. Quadradic Mean Diameter	12.90		11.26	15.70					

Species	Net MBF 6"-12"	Net MBF 13"-15"	Net MBF 16"-24"	Net MBF 25"-32"	Net MBF 33" +	Net MBF 6"-11"	Net MBF 12"-19"	Net MBF 20"-23"	Net MBF 24" +	Net MBF 6"-15"	Net MBF* 16" +	Net MBF camp run
PP/JP						118.00	242.44	124.95				
SP/WWP												
WF/RF												130.69
DF												10,840.11
IC												
LP												

R5 TRANSACTION EVIDENCE APPRAISAL (TEA) & ATEAM

TON RATE CALCULATIONS - DUAL RATE PRICING

v. 20061020 - use for sales sold by the ton, especially multiproduct sales

Sale name: CG Heli ReOffer

Volume and Weight Inputs

Sawtimber volume (prod 01)...

Species	CCF	MBF
PP/JP	860.4	485.4
SP/WWP		
WF/RF	230.6	130.7
DF	19,064.0	10,840.1
IC		
LP		
Total Saw	20,155.0	11,456.2

(sawtimber volumes from Data Input screen)

Product weights...

Product	Tons
01 P	75,162.8
20 P	
20 S	

(from WT1 cruise report)

Estimated biomass chip volume, CCF
For Data Input screen, CS volume, CCF

Inputs From Appraisal

Select appraisal type: ATEAM

Sawtimber rates, $/ccf...

Species	Ind ad rate	Base rate	Ad rate
PP/JP	-110.26	1.00	1.00
SP/WWP			
WF/RF	-39.38	1.00	1.00
DF	-15.83	3.00	3.00
IC			
LP			
Total Value	-405,712.29	58,282.98	58,282.98

(rate data from either TEA or ATEAM 2400-17 screen)

Nonsaw rates, $/ccf...

Species	Ind ad rate	Base rate	Base rate
CS			
Total Value			

(rate data from either TEA or ATEAM 2400-17 screen)

Per Ton Information for TIM and Contract - Manual Entry

Species	Product	UOM	Vol-tons	Ind ad rate	Base rate	Ad rate	Conv MBF	Conv CCF
CS	01	Ton	75,163	-5.40	0.78	0.78	0.1524	0.2682