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

Region: 5 **Forest:** Stanislaus-16 **Appr To:** Standard, CA (saw) - Chinese Camp, CA (bio) **Appraisal Date:** 7-Oct-14
Reviewed By: **District:** Groveland-54 **Appraisal Type:** *TEA* **Rollback Factor:** 10%
Sale #: **Sale Name:** Reed **Base Period:** 4/10/14-10/7/14 **Required KV Cost:**

Species and Volumes	1	2	3	4	5	6	7	Average	Total
1. Species	PP/JP	SP/WWP	WF/RF	DF	IC		CS		
2. Species Code	122	117	025	205	081		007		
3. Product-Unit of Measure	01-03	01-03	01-03	01-03	01-03		20-03		
4. % by Species Volume	33.9%	9.6%	16.5%	9.5%	16.8%		13.7%		100.0%
5. Volume - CCF Total Conv.	19,375.57	5,463.23	9,432.28	5,437.84	9,600.83		7,840.00		57,149.75
5a. Volume - MBF Sawtimber	13,133.12	3,633.96	6,446.74	3,712.47	5,013.78				31,940.06
5b. Volume - Green Tons Tot C									
6a.						~~164.50~~			
6b. Base Period Avg Bid - $/CCF								26.56	

Sale Costs Adjustments - $/CCF	Base	Sale	Adjustment	Road & Haul Informantion	Miles	Total Cost
7.				Specified Road Constuction	0.00	0.00
8. PAL Fire Protection	6.39	6.39		Specified Road Reconstruction	16.53	233,250.42
9. Stump-to-Truck	80.29	87.54	-7.25	Temp Road Construction	0.91	2,160.00
10.				Haul Miles (sawlogs)	30.00	
11. Hauling	53.59	39.71	13.88	Haul Miles (biomass)	30.00	
12. Sale Specific	2.45	1.61	0.84			
13. Slash Work	3.95	4.25	-0.30			
14. Erosion Control	1.52	3.42	-1.90			
15. Specified Road Cost	1.88	4.73	-2.85			
16. Road Maintenance	9.05	6.39	2.66			
17. Brush Disposal Deposit	2.55	1.35	1.20			
18. Surface Replacement Deposit	5.27	4.70	0.57			
19. Road Maintenance Deposit	1.98	5.59	-3.61			
20. Engineering Deposit	0.22	0.35	-0.13			
21. Temporary Road Cost	0.36	0.04	0.32			
22. Average Quality Values	192.09	193.33	1.24			Total Adj / Adj. Bid
23. Total Adj. & Adjusted Bid						4.67 / 31.23

Advertised Rates - $/CCF	1	2	3	4	5	6	7	Average	Total
24. Avg Bid Alloc to Species	22.80	22.21	37.34	40.40	42.18		-44.41	20.85	1,191,749.26
25. Rollback Percent	10.0%	10.0%	10.0%	10.0%	10.0%		10.0%	10.0%	
26. Indicated Advertised Rate	20.52	19.99	33.61	36.36	37.96		-48.85	17.55	1,002,939.46
27. Regional Minimum Rates	5.00	5.00	3.00	3.00	5.00		0.25	3.83	218,768.51
28. Base Rates	5.00	5.00	3.00	3.00	5.00		0.25	3.83	218,768.51
29. Adjustment to Base Rates	-5.11	-4.93	-10.08	-10.98	-10.85		49.10	0.00	0.00
30a.Advertised Rates	15.41	15.05	23.53	25.37	27.11		0.25	17.55	1,002,939.46
30b.Total Sale Value									1,002,939.46

Appraisal Factors	1	2	3	4	5	6	7	Average	Total
31. Base Indices	405.08	463.68	274.58	281.70	NA		NA		
32. Index Name Code	WWPAF	WWPAF	WWPAF	WWPAF	NA		NA		
33. Rollback Amount	2.28	2.22	3.73	4.04	4.22		4.44		
34. Quadradic Mean Diameter	25.9	27.1	23.6	22.7	19.0		NA		
35. Conversion Factor (mbf/ccf)	0.6778	0.6652	0.6835	0.6827	0.5222	0.5000		0.6477	saw timber
36. Timber Property Value									
37 Quality Value - $/CCF	141.15	137.47	231.15	250.08	261.11	164.50		193.33	

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	1,025.62	1,358.23	5,129.41	3,515.21	2,104.64							
SP/WWP	182.56	470.41	1,642.58	1,288.96	49.44							
WF/RF												6,446.74
DF												3,712.47
IC												5,013.78
LP												

MB F Conversion when using TEA (Sawtimber only)

USE ME

	PP	SP	WF	DF	IC	LP	Total
CCF Vol	19,375.57	5,463.23	9,432.28	5,437.84	9,600.83	0.00	49,309.75
MBF Vol	13,133.12	3,633.96	6,446.74	3,712.47	5,013.78	0.00	31,940.06
CCF Base Rates	5.00	5.00	3.00	3.00	5.00	0.00	216,808.51
MBF Regional Minimum	10.00	10.00	6.00	6.00	10.00	2.00	278,763.79
MBF Base Rates	10.00	10.00	6.00	6.00	10.00	2.00	278,763.79
CCF Ind Ad Rates	20.52	19.99	33.61	36.36	37.96	0.00	1,385,931.30
MBF Ind Ad Rates	30.27	30.05	49.17	53.25	72.69	0.00	1,385,931.30
CCF Adv Rates	15.41	15.05	23.53	25.37	27.11	0.00	1,000,979.46
MBF Adv Rates	22.74	22.63	34.42	37.17	51.91	0.00	1,000,979.46
ADJ MBF Adv Rates	22.74	22.63	34.42	37.17	51.91	2.00	1,000,979.46
CCF Rollback	2.28	2.22	3.73	4.04	4.22	0.00	153,992.37
MBF Rollback	3.36	3.34	5.46	5.92	8.08	0.00	153,992.37