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

Region: 5 **Forest:** Stanislaus-16 **Appr To:** Standard Mill (saw) - Pacific Ultrapower (bio) **Appraisal Date:** 4-Nov-14
Reviewed By: J. Dierberg **District:** Groveland-54 **Appraisal Type:** ***TEA*** **Rollback Factor:** 10%
Sale #: 54374 **Sale Name:** Ridge Fire Salvage **Base Period:** 5/8/14-11/4/14 **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	14.7%	11.3%	7.7%	37.8%	14.8%		13.7%		100.0%
5. Volume - CCF Total Conv.	2,124.08	1,632.10	1,115.47	5,468.07	2,132.68		1,983.02		14,455.42
5a. Volume - MBF Sawtimber	1,434.31	1,106.45	734.54	3,445.73	1,224.56				7,945.60
5b. Volume - Green Tons Tot C									
6a.						~~163.00~~			
6b. Base Period Avg Bid - $/CCF								20.60	

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	31.94	350,710.91
9. Stump-to-Truck	78.64	85.03	-6.39	Temp Road Construction	4.00	7,500.00
10.				Haul Miles (sawlogs)	52.50	
11. Hauling	52.12	39.94	12.18	Haul Miles (biomass)	41.70	
12. Sale Specific	2.79	4.88	-2.09			
13. Slash Work	3.90	7.10	-3.20			
14. Erosion Control	1.46	2.89	-1.43			
15. Specified Road Cost	2.54	28.12	-25.58			
16. Road Maintenance	6.90	12.95	-6.05			
17. Brush Disposal Deposit	3.59	5.09	-1.50			
18. Surface Replacement Deposit	4.89	0.31	4.58			
19. Road Maintenance Deposit	2.30	0.12	2.18			
20. Engineering Deposit	0.23	2.65	-2.42			
21. Temporary Road Cost	0.29	0.60	-0.31			
22. Average Quality Values	190.34	216.23	25.89			Total Adj / Adj. Bid
23. Total Adj. & Adjusted Bid						-4.14 / 16.46

Advertised Rates - $/CCF	1	2	3	4	5	6	7	Average	Total
24. Avg Bid Alloc to Species	10.65	10.74	16.95	18.22	21.85		-37.76	9.02	130,413.00
25. Rollback Percent	10.0%	10.0%	10.0%	10.0%	10.0%		10.0%	10.0%	
26. Indicated Advertised Rate	9.59	9.67	15.26	16.40	19.67		-41.54	7.08	102,395.94
27. Regional Minimum Rates	5.00	5.00	3.00	3.00	5.00		0.25	3.44	49,690.68
28. Base Rates	5.00	5.00	3.00	3.00	5.00		0.25	3.44	49,690.68
29. Adjustment to Base Rates	-2.80	-2.85	-7.49	-8.19	-8.97		41.79	0.00	0.00
30a.Advertised Rates	6.78	6.81	7.77	8.21	10.70		0.25	7.08	102,395.94
30b.Total Sale Value									102,395.94

Appraisal Factors	1	2	3	4	5	6	7	Average	Total
31. Base Indices	383.76	456.91	278.96	259.74	NA		NA		
32. Index Name Code	WWPAF	WWPAF	WWPAF	WWPAE	NA		NA		
33. Rollback Amount	1.07	1.07	1.70	1.82	2.19		3.78		
34. Quadradic Mean Diameter	23.4	27.4	22.1	21.6	22.9		NA		
35. Conversion Factor (mbf/ccf)	0.6753	0.6779	0.6585	0.6302	0.5742	0.5000		0.6371	saw timber
36. Timber Property Value									
37 Quality Value - $/CCF	139.91	141.11	222.71	239.33	287.09	163.00		216.23	

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	164.61	161.23	566.47	308.86	233.14							
SP/WWP	70.78	113.89	459.99	328.44	133.35							
WF/RF												734.54
DF												3,445.73
IC												1,224.56
LP												

MBF Conversion when using TEA (Sawtimber only)

USE ME

	PP	SP	WF	DF	IC	LP	Total
CCF Vol	2,124.08	1,632.10	1,115.47	5,468.07	2,132.68	0.00	12,472.40
MBF Vol	1,434.31	1,106.45	734.54	3,445.73	1,224.56	0.00	7,945.60
CCF Base Rates	5.00	5.00	3.00	3.00	5.00	0.00	49,194.92
MBF Regional Minimum	10.00	10.00	6.00	6.00	10.00	2.00	62,734.86
MBF Base Rates	10.00	10.00	6.00	6.00	10.00	2.00	62,734.86
CCF Ind Ad Rates	9.59	9.67	15.26	16.40	19.67	0.00	184,762.66
MBF Ind Ad Rates	14.19	14.26	23.17	26.02	34.25	0.00	184,762.66
CCF Adv Rates	6.78	6.81	7.77	8.21	10.70	0.00	101,900.18
MBF Adv Rates	10.04	10.05	11.79	13.03	18.64	0.00	101,900.18
ADJ MBF Adv Rates	10.04	10.05	11.79	13.03	18.64	2.00	101,900.18
CCF Rollback	1.07	1.07	1.70	1.82	2.19	0.00	20,529.18
MBF Rollback	1.58	1.58	2.57	2.89	3.81	0.00	20,529.18

Ridge Sale - Net MBF Volume

Unit	System	Acres	DF	IC	PP	SP	WF	Totals
1	Hazards	30	108	38	45	35	23	249
2	Hazards	27	64	23	27	21	14	147
3	Hazards	34	93	33	39	30	20	214
4	Hazards	58	154	55	64	50	33	356
5	Hazards	38	50	18	21	16	11	116
6	Hazards	78	168	60	70	54	36	386
7	Hazards	31	113	40	47	36	24	261
8	Hazards	67	149	53	62	48	32	343
48	Tractor	42	171	61	71	55	37	395
58	Tractor	9	30	11	12	10	6	69
189	Tractor	14	57	20	24	18	12	130
200	Tractor	16	36	13	15	12	8	83
204	Tractor	34	118	42	49	38	25	271
210	Tractor	60	203	72	85	65	43	469
211	Tractor	17	33	12	14	11	7	77
212	Tractor	100	351	125	146	113	75	810
213	Tractor	29	118	42	49	38	25	272
215	Tractor	69	150	53	63	48	32	346
216	Tractor	12	20	7	8	6	4	47
217	Tractor	41	167	59	70	54	36	385
233	Tractor	7	28	10	12	9	6	66
269	Tractor	42	155	55	65	50	33	358
292	Tractor	8	17	6	7	5	4	38
347	Tractor	19	76	27	32	25	16	176
348	Tractor	12	48	17	20	15	10	110
600	Tractor	20	83	29	34	26	18	190
601	Tractor	19	78	28	32	25	17	180
602	Tractor	49	165	59	69	53	35	380
603	Tractor	88	336	120	140	108	72	775
710	Tractor	9	18	6	8	6	4	42
711	Tractor	10	36	13	15	12	8	84
760	Tractor	13	52	19	22	17	11	121
	Totals	1,097	3,446	1,225	1,434	1,106	735	7,946
			43%	15%	18%	14%	9%	

Timber Subject To Agreement

Unit	System	Acres	DF	IC	PP	SP	WF	Totals
225	Helicopter	16.9	108	34	9	22	17	189
234	Helicopter	22.6	144	45	12	29	22	253
295	Skyline	12.5	159	10	46	0	6	221
298	Helicopter	74.0	45	14	4	9	7	79
317	Skyline	5.3	67	4	20	0	3	94
319	Skyline	131.0	167	10	49	0	6	232
334	Skyline	24.0	306	18	89	0	12	425
335	Helicopter	171.6	1,094	343	93	220	170	1,920
703	Helicopter	1.6	10	3	1	2	2	18
790	Helicopter	21.1	134	42	11	27	21	236
	Totals	480.6	2,234	524	334	309	266	3,668
			61%	14%	9%	8%	7%	