

**USDA FOREST SERVICE**

**REPORT OF TIMBER SALE**

**APPRAISAL SUMMARY**

Region: 5 Forest: Shasta-Trinity-14 Appr To: Burney, CA (saw) - Burney, CA (bio) Appraisal Date: 29-Apr-24  
 Reviewed by: [redacted] District: McCloud-61 Appraisal Type: **ATEAM** Rollback Factor: 10%  
 Sale #: 61123 Sale Name: Midway Thin MP SBA Base Period: 5/5/23-4/29/24 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	37.8%	1.6%	16.1%	7.2%	15.1%		22.1%		100.0%	
5. Volume - CCF Total Conv.	8,736.30	378.32	3,719.58	1,666.65	3,485.44		5,115.00		23,101.29	
5a. Volume - MBF Sawtimber	4,937.24	218.32	1,993.80	967.19	1,678.36				9,794.91	
5b. Volume - Green Tons Tot C	30,082.22	1,318.04	12,664.45	5,207.53	9,964.40		14,065.23		73,301.87	
6. Quality Value - \$/CCF	175.31	181.72	241.21	275.65	192.61	94.00		201.72		
Sale Costs - \$/CCF	Average	Road & Haul Information				Miles	Total Cost			
7. PAL Fire Protection	6.39		Specified Road Constnuction							
8. Stump-to-Truck	94.07		Specified Road Reconstruction			2.20	166,759.02			
9.			Temp Road Construction			2.50	12,500.00			
10. Hauling	40.64		Haul Miles (sawlogs)			41.00				
11. Sale Specific	5.28		Haul Miles (biomass)			42.70				
12. Slash Work	0.99									
13. Erosion Control	1.16									
14. Specified Road Cost	9.27									
15. Road Maintenance	3.81									
16. Brush Disposal Deposit	0.48									
17. Surface Replacement Deposit	6.73									
18. Road Maintenance Deposit	0.28									
19. Engineering Deposit	0.11									
20. Temporary Road Cost	0.69									
21.										
22. Total Cost	169.90							169.90		
Advertised Rates - \$/CCF	1	2	3	4	5	6	7	Average	Total	
23. Conversion Return	5.41	11.82	71.31	105.75	22.71		-69.49	9.39	216,939.61	
24. Rollback Adjustment	10.0%	10.0%	10.0%	10.0%	10.0%		10.0%	10.0%		
25. Indicated Advertised Rate	4.87	10.64	64.18	95.18	20.44		-76.44	5.37	124,157.37	
26. Regional Minimum Rates	0.25	0.25	0.25	0.25	0.25		0.25	0.25	5,775.32	
27. Base Rates	0.25	0.25	0.25	0.25	0.25		0.25	0.25	5,775.32	
28. Adjustment to Base Rate	-3.55	-7.98	-49.11	-72.92	-15.51		76.69	0.00	0.00	
29a. Advertised Rates	1.32	2.66	15.07	22.26	4.93		0.25	5.37	124,157.37	
39b. Total Sale Value									124,157.37	
Appraisal Factors	1	2	3	4	5	6	7	Average	Total	
30. Base Indices	367.32	471.80	215.58	278.96	NA		NA			
31. Index Name Code	WWPAD	WWPAD	WWPAC	WWPAD	NA		NA			
32. Rollback Adjustment Amount	0.54	1.18	7.13	10.58	2.27		6.95			
33. Conversion Factor (mbf/ccf)	0.5651	0.5771	0.5360	0.5803	0.4815	0.5000		0.5446	saw timber	
34. Timber Property Value										
35. Quadratic Mean Diameter	15.30	19.30	15.30	17.80	16.10		NA			

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						1,511.15	2,412.07	756.00	258.02			
SP/WWP										101.47	116.85	
WF/RF												1,993.80
DF												967.19
IC												1,678.36
LP												

## R5 TRANSACTION EVIDENCE APPRAISAL (TEA) & ATEAM

### TON RATE CALCULATIONS - DUAL RATE PRICING

Version 5.1 08/29/2019 - Use for sales sold by the ton, especially multiproduct sales.

Sale name: Midway Thin MP SBA

#### Volume and Weight Inputs

##### Sawtimber volume (prod 01)...

Species	CCF	MBF
PP/JP	8,736.3	4,937.2
SP/WWP	378.3	218.3
WF/RF	3,719.6	1,993.8
DF	1,666.7	967.2
IC	3,485.4	1,678.4
LP	0.0	0.0
<b>Total Saw</b>	<b>17,986.3</b>	<b>9,794.9</b>

(sawtimber volumes from Data Input screen)

##### Product weights...

Product	Tons
01 P	59,236.6
20 P	8,529.2
20 S	5,536.1

(from WT1 cruise report)

Estimated biomass chip  
volume, CCF

**5,115**

**For Data Input screen,  
CS volume, CCF**

#### Inputs From Appraisal

appraisal type: **ATEAM**

##### Sawtimber rates, \$/ccf...

Species	Ind ad rate	Base rate	Ad rate
PP/JP	4.87	0.25	1.32
SP/WWP	10.64	0.25	2.66
WF/RF	64.18	0.25	15.07
DF	95.18	0.25	22.26
IC	20.44	0.25	4.93
LP	0.00	0.00	0.00
<b>Total Value</b>	<b>515,142.86</b>	<b>4,496.57</b>	<b>122,878.62</b>

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

##### Nonsaw rates, \$/ccf...

Species	Ind ad rate	Base rate	Base rate
CS	-76.44	0.25	0.25
<b>Total Value</b>	<b>-390,985.49</b>	<b>1,278.75</b>	<b>1,278.75</b>

(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	Rollback adj.
CS	01	Ton	59,237	8.70	0.10	2.07	0.1654	0.3036	3.1823
CS	20	Ton	14,065	-27.80	0.10	0.10	0.1091	0.3637	