

TIMBER SALE APPRAISAL APPENDIX (TE) 04-2420-3

1. Sale Name: Rutledge TSI
 District: Bonners Ferry RD
 Appraisal Point: Moyie Springs, ID

Sale No. TIM # 25522
 Compartment: 735
 Total Sale Acres: 148

2. Species Group	L	LP,S,GF	Sawlog Total	Non-Sawlog Total	Total All Products
Net Volume	9 CCF 4 MBF	142 CCF 64 MBF	151 CCF 68 MBF 462 Tons	234 CCF 96 MBF 814 Tons	385 CCF 164 MBF 1276 Tons

3. Weighted Averages For Species Grouping

	Net	Gross					Appraisal	WWPA	Esc.	WWPA
Species	Volume	Volume	Percent	Gross	Number	Average	Conv.	Species	Conv.	Index
Group	CCF	CCF	Defect	Logs /ccf	Trees	DBH	Factor	Index	Factor	Name
L	9	10	5	28.3	92	8.8	NA	NA	NA	NA

	Net	Gross					Appraisal	WWPA	Esc.	WWPA
Species	Volume	Volume	Percent	Gross	Number	Average	Conv.	Species	Conv.	Index
Group	CCF	CCF	Defect	Logs /ccf	Trees	DBH	Factor	Index	Factor	Name
LP	135	141	5	27.9	2182	8.2	NA	NA	NA	NA
S	5	5	2	22.7	57	9.8	NA	NA	NA	NA
GF	2	2	2	35.7	29	7.5	NA	NA	NA	NA
Total (T) Wt. Avg. (A)	T 142	T 148	A 5	A 27.8	T 2268	A 8.2	NA	NA	NA	NA

Combined Species Average DBH: 8.2 in
 Sale Wide Conversion Factor (MBF/CCF): .4260

4. Skidding

a. Tractor:	Acres 67	Volume 151 ccf	Distance 750 ft
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5. Transportation

Haul Route

Appraised to Moyie Springs, ID

(a) Road Miles – Sale Center to Appraisal Point:

(1) Paved:

Road Number	Termini	Miles
C34	From end of pavement to the junction with US Hwy 2.	8.5
US2	From C34 to the junction with C83.	3.7
C83	From US2 to the Mill.	0.5
Total		12.7

(2) Unpaved:

Road Number	Termini	Miles
2218	From unit 2b landing to the junction with county road 34.	0.6
C34	From FS road 2218 to the end of pavement.	6.3
Total		6.9

Total Haul Miles (Paved and Unpaved) = 19.6

(b) Road Maintenance

(1) Roads to be Maintained:

Road No.	Name	Termini	Surface	Miles
2218	Curless	From unit 2b landing to the junction with county road 34.	native	0.9
Total				0.9

(2) Recurrent Maintenance:

Road Number	Miles	Cost/ccf/mile	% Total Vol.	Cost/CCF	
				Purchaser	Forest Service
2218	0.9	.07	100	.06	
Snowplowing				1.71	
Total				1.77	

(3) Surface Replacement:

Road Number	Miles	Cost/CCF/Mile	% Total Vol.	Cost/ CCF
NA				

(4) Roadside Vegetative Brushing:

Road Number	Miles	Cost/CCF/Mile	% Total Vol.	Cost/ CCF
NA				

(5) Road Maintenance Summary:

	Cost/CCF	Cost/Ton
Recurrent Maintenance (Purchaser)	1.77	
Recurrent Maintenance (FS)		
Surface Replacement (FS)		
Roadside Vegetative Brushing (FS)		
Total Deposit	0	0
Total Road Maintenance	1.77	

6. Slash Disposal

	Cost/CCF	Cost/Ton
Forest Service	24.73	2.93
Purchaser	16.91	
Total	41.64	

7. Erosion Control

(See Erosion Control Plan in Timber Sale Report) **\$2.78/CCF**

8. Other Environmental Protection Costs

Description	Unit Costs	Total Cost
Road 2218 Reconditioning	Blade - \$400/mi + brush \$400/mi = \$800/mi x 0.9 mi	720
Mobilization	Application of blading \$500 and brushing \$300	800
Total		1520

Cost/CCF = 10.07

9. Temporary Road Costs - None.

10. Specified Roads – None.

11. Base Rates

Adjustments of Base Rates (to protect regeneration costs)	Costs
Min NFF: Sale volume x \$0.25/CCF	
Regeneration Costs	
Regeneration Costs plus min NFF	
Total value at minimum rates *	
Amount of increase needed	NA
Increase per CCF	

* Total Value at Minimum Rates:

Species	Rate/ccf	Volume	Total Value
NA			
Total			

Species Group	L	LP,S,GF	Non-Saw	Total Rate/Ton
Base Rate/CCF	3.00/CCF	3.00/CCF	1.00/CCF	.54/Ton

12. Base Indices

Base Indices	NA
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13. Small Product Adjustment

\$8.12/CCF – See attached.