

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

1. Sale Name: K & N Salvage  
 District: St. Joe  
 Appraisal Point: St. Regis, MT

Sale No. 012                      STARS # 10201  
 Compartment: 241-04-0002  
 Total Sale Acres: 8

2. <u>Species Group</u>					C			DF			GF, LP, S			Total
Net Volume					43			60			162			265

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
C	43	54	20	12.3	314	12.5				
Total (T) Wt. Avg. (A)	43 T	54 T	20 A	12.3 A	314 T	12.5 A				

	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
DF	60	69	13	9.5	253	13.8				
Total (T) Wt. Avg. (A)	60 T	69 T	13 A	9.5 A	253 T	13.8 A				

	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
GF	157	184	15	10	627	12.8				
S	3	3	10	10.1	8	14.4				
LP	2	2	12	6.7	3	16.1				
Total (T) Wt. Avg. (A)	162 T	190 T	15 A	10 A	640 T	12.9 A				

Sale Wide Conversion Factor (MBF/CCF): 0.5392  
 Sale Wide Conversion Factor (CCF/Tons): 3.09  
 WWPA indices for each species group:

4. Skidding

A. <u>Skyline</u>	Acres 8	Volume 100%	Distance 750'
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5. TransportationHaul RouteAppraised to St. Regis, MT(a) Road Miles - Sale Center to Appraisal Point

## (1) Paved

Road Number	Termini	Miles
FH 50	Junction Forest Road 752 to Forest Road 282	28
Total		28

## (2) Unpaved

Road Number	Termini	Miles
282	Junction Forest Hwy 50 to St. Regis, MT	14.4
752	Junction Forest Hwy 50 to Junction Forest Road 1478	6.6
1478	Junction Forest Road 752 to K & N Salvage T.S. Unit 1	1
Total		22

Total Haul Miles (Paved and Unpaved) = 50

(b) Road Maintenance

## (1) Roads to be Maintained:

Road No.	Name	Termini	Surface	Miles
282	Little Joe	Junction Forest Hwy 50 to St. Regis, MT	Agg.	14.4
752	Prospector Creek	Junction Forest Hwy 50 to Junction Forest Road 1478	Agg.	6.6
1478	Little Nugget Creek	Junction Forest Road 752 to K & N Salvage T.S. Unit 1	Nat.	1
Total				22

## (2) Recurrent Maintenance

Road No.	Miles	Cost/ccf/mile	%Total Vol.	Cost/CCF	
				Purchaser	Forest Service
282	14.4	0.19	100		2.74
752	6.6	0.26	100		1.72
1478	1	0.21	100		0.21
Total	22				\$4.67

## (3) Surface Replacement

Road Number	Miles	* Cost/CCF/Mile	% Total Vol.	Cost/ CCF
282	14.4	0.14	100	2.02
752	6.6	0.18	100	1.19
1478	1	0.09	100	0.09
Total	22			\$3.30

## (4) Roadside Vegetative Brushing

Road Number	Miles	* Cost/CCF/Mile	% Total Vol.	Cost/ CCF
282	14.4	0.14	100	2.02
752	6.6	0.10	100	0.66
1478	1	0.10	100	0.10
Total	22			\$2.78

(5) Road Maintenance Summary

	Cost/CCF	Cost/Ton
Recurrent Maintenance (Purchaser)	N/A	
Recurrent Maintenance (FS)	\$4.67	
Surface Replacement (FS)	\$3.30	
Roadside Vegetative Brushing (FS)	\$2.78	
Total Deposit	\$10.75	\$3.48
Total Road maintenance	\$10.75	

6. Slash Disposal

(See detailed Slash Plan in Timber Sale Report)

	Cost/CCF	Cost/Ton
Forest Service (\$285/265ccf)	\$1.08	0.35/Ton (Deposit)
Purchaser (\$1,474/265ccf)	\$5.56	
Total	\$6.64	

7. Erosion Control

(See Erosion Control Plan in Timber Sale Report) \$ 0.76 /CCF

8. Other Environmental Protection Costs: Unusual Condition Cost

Description	Unit Costs	Total Cost	Cost/CCF
Unusual Condition Cost (Value Adjustment and loss in chip value and sorting adjustment)*	Value Adj = \$54.74 Lost Chip Value = \$4.93 Additional Sorting of burned logs = \$4.05	-	\$63.72/CCF

9. Temporary Road Costs: N/A

(a) Construction \_\_\_\_\_ miles Total Construction Cost = \$  
 (b) Reconstruction \_\_\_\_\_ miles

	Miles or Hours	Total Cost \$

Total Reconstruction Cost = \$  
 Total Miles = 1  
 Cost Estimate per CCF (All Species) = \$

10. Specified Roads: N/A

(See Schedule of Items for more detailed information)

Road No.	Miles	Miles	Purchaser Costs	
	Construction	Reconstruction	Construction	Reconstruction
TOTAL				

Total Purchaser Costs: \$  
 Estimated Cost per CCF (All Species): \$

11. Base Rates

(Adjustments of Base Rates to protect regeneration costs in SAI Plan)

Sale Volume	265 x \$0.25/CCF	\$ 66.25
Regeneration Costs		\$ N/A
Regeneration Costs plus min NFF		\$ N/A
Total value at minimum rates *		\$
Amount of increase needed		\$
Increase per CCF		\$

\* Total Value at Minimum Rates:

Species	Rate/ccf	Volume	Total Value
C	5	43	215
DF	3	60	180
GF, LP, AF, S	3	162	486
<b>Total</b>	<b>-</b>	<b>265</b>	<b>\$881</b>

Species Group	C,WP	DF, L,LP,GF,H,PP	Non-Sawtimber
Base Rates	\$5.00	\$3.00	\$1.00

12. Base Indices : NA