

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

**1. Sale Name: NuNu View Blowdown**  
 District: Bonners Ferry RD  
 Appraisal Point: Moyie Springs, ID

Sale No. 9003      STARS # 05709  
 Compartment: 705  
 Total Sale Acres: 721

<b>2. Species Group</b>	C	L, DF	H, S	<b>Sawlog Total</b>	<b>Total Non-sawlog</b>	<b>Total All Products</b>
Net Volume	30 CCF 15 MBF	216 CCF 121 MBF	16 CCF 9 MBF	<b>262 CCF 145 MBF 864 Tons</b>	<b>2 CCF 1 MBF 5 Tons</b>	<b>264 CCF 146 MBF 869 Tons</b>

**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	30									
Total (T) Wt. Avg. (A)	T 30	T 36	A 16	A 9.8	T 102	A 14.6	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
L	173	219	21	7.7	351	18.6				
DF	43	48	8	6.8	73	19.0				
Total (T) Wt. Avg. (A)	T 216	T 267	A 19	A 7.5	T 424	A 18.7	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
H	13	19	30	6.1	29	18.4				
S	3	3	11	9.0	7	16.0				
Total (T) Wt. Avg. (A)	T 16	T 22	A 27	A 6.5	T 36	A 17.9	NA	NA	NA	NA

Combined Species Average DBH: 17.9  
 Sale Wide Conversion Factor (MBF/CCF): .5530  
 WWPA indices for each species group: NA

**4. Skidding** – For appraisal purposes the shovel logging (special treatment area unit 2) will be added to tractor.

<b>a. Tractor:</b>	Acres 36	Volume 145 CCF	Distance 300 ft
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<b>b. Ground Lead Cable:</b>	Acres 54	Volume 117 CCF	Distance 150 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
281	From end of pavement to the junction with Westside Rd	6.2
Westside Rd C45	From Rd 281 to the junction with Copeland rd.	9.5
Copeland Rd C45	From Westside rd to the junction with Hwy 1.	3.7
Hwy 1	From Copeland rd to the junction with US95.	1.0
US 95	From Hwy 1 to the junction with US2.	13.2
US 2	From US 95 to Mill rd.	5.7
C 83	From US 2 to the mill.	0.5
Total		39.8

**(2) Unpaved:**

Road Number	Termini	Miles
2251	From sale center m.p. 4.6 to the junction with rd 282.	4.6
282	From rd 2251 to the junction with rd 655.	3.7
655	From rd 282 to the junction with rd 281.	1.5
281	From rd 655 to the paved portion of rd 281.	1.7
Total		11.5

Total Haul Miles (Paved and Unpaved) = 51.3

**(b) Road Maintenance**

**(1) Roads to be Maintained:** FS will maintain the paved portion of road 281.

Road No.	Name	Termini	Surface	Miles
2213A	Italian A	M.p. 0.5 to jct rd 2213	Native	0.5
2213	Italian	Rd 2213A to rd 2251	Native	0.5
2251A	Minority A	Mp 2.1 to rd 2251	Native	2.1
2251	Minority	M.p. 4.6 to the jct w/rd 282	Native	4.6
282	Shorty	Junction w/rd 2251 to the jct w/rd 655	Native	3.7
655	Bugle Pass	Junction w/rd 282 to the jct w/rd 281	Gravel	1.5
281	Smith Creek	Junction w/rd 655 to the jct w/county rd 45	1.7 mi gravel 6.2 mi paved	7.9
Total				20.8

**(2) Recurrent Maintenance:**

Road Number	Miles	Cost/ccf/mile	%Total Vol.	Cost/CCF	
				Purchaser	Forest Service
2251	4.6	.11	100	.51	
282	3.7	.11	100	.41	
655	1.5	.11	100	.17	
281 gravel	1.7	.14	100	.24	
281 paved	6.2	.08	100		.50
Total	17.7			<b>1.33</b>	<b>.50</b>

**(3) Surface Replacement:**

Road Number	Miles	Cost/CCF/Mile	% Total Vol.	Cost/ CCF
2251	4.6	.06	100	.28
282	3.7	.06	100	.22
655	1.5	.06	100	.09
281 gravel	1.7	.12	100	.20
281 paved	6.2	.07	100	.43
Total	17.7			<b>1.22</b>

**(4) Roadside Vegetative Brushing:**

Road Number	Miles	Cost/CCF/Mile	% Total Vol.	Cost/ CCF
2251	4.6	.07	100	.32
282	3.7	.07	100	.26
655	1.5	.07	100	.11
281	7.9	.07	100	.55
Total	17.7			<b>1.24</b>

**(5) Road Maintenance Summary:**

	Cost/CCF	Cost/Ton
Recurrent Maintenance (Purchaser)	1.33	
Recurrent Maintenance (FS)	.50	
Surface Replacement (FS)	1.22	
Roadside Vegetative Brushing (FS)	1.24	
Total Deposit	2.96	<b>.90</b>
Total Road Maintenance	<b>4.29</b>	

**6. Slash Disposal**

	Cost/CCF	Cost/Ton
Forest Service	.56	<b>.17</b>
Purchaser	21.37	
Total	<b>21.93</b>	

**7. Erosion Control**

Cost Estimate per CCF (All Species) = **\$1.10 /CCF**

**8. Other Environmental Protection Costs - None.**

**9. Temporary Road Costs – None.**

Cost Estimate per CCF (All Species) = **\$ 0 /CCF**

**10. Specified Roads – None.**

Estimated Cost per CCF (All Species) = **\$ 0 /CCF**

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**11. Base Rates**

Adjustments of Base Rates (to protect regeneration costs)	Costs
Min NFF: Sale volume 264 x \$0.25/CCF	66.00
Regeneration Costs	
Regeneration Costs plus min NFF	
Total value at minimum rates *	
Amount of increase needed	
Increase per CCF	NA

\* Total Value at Minimum Rates:

Species	Rate/ccf	Volume	Total Value
NA			
Total			

Species Group	C	L, DF	H, S	Non-sawtimber	Total Rate/Ton
Base Rate/CCF	10.00/CCF	6.00/CCF	6.00/CCF	1.00/CCF	1.95/Ton

**12. Base Indices**

Base Indices	NA
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