

CRUISE AND APPRAISAL REPORT

(Attach to Timber Sale Report)

Ranger District: Bradford Ranger District Report Date: September 18, 2007
 Sale Name: OGM 245 Duhring 11 well Sale No: 30661
 Total CCF Volume: 169

VOLUME DETERMINATION

(A) Certification

Names of Estimators	Est. No.	Certification Level	Date Certified
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(B) Dates of volume Determination: _____

(C) Methods of volume Determination:

For further details see Cruise Plan and National Cruise Reports

Stratum	Stratum Desc.	Crz Mth	BAF	FP	Den.	Lg Mth	Min DBH	Max DBH
1	SAWTIMBER	STR					11.0	99.9
2	OTHER SAW	100					11.0	99.9
3	PULP	STR					6.0	99.9

(D) Error for Sale

Total Required Error _____

Total Actual Error _____

(E) Sale Check Measurements

Name of Checker: _____

Date: _____ Result _____

Paint Used to Mark Sale:

Payment	Unit	Type	Vendor	Lot #	Serial #	Color
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

SELLING PRICES:

(A) Base period prices effective: July 01, 2007

(B) Individual species base period prices are:

Species Group	Product	Species Composition	Base Price	Mkt Adj	Qual Adj	Adj Base Price	Volume		
Beech	Sawtimber	Beech	42.88	\$8.09	\$.00	\$50.97	5		
		Cucumbertree	74.57	\$8.09	\$.00	\$82.66	1		
		Yellow Birch	39.60	\$8.09	\$.00	\$47.69	2		
Black Cherry	Sawtimber	Black Cherry	895.98	\$68.09	\$143.36	\$964.07	46		
Eastern Hemlock	Sawtimber	Hemlock	14.40	\$4.80	\$.00	\$19.20	2		
Hardwood - Other	Pulpwood	Beech	2.50	\$.00	\$.00	\$2.50	3		
		Black Cherry	2.50	\$.00	\$.00	\$2.50	21		
		Cucumbertree	2.50	\$.00	\$.00	\$2.50	0		
		Northern Red Oak	2.50	\$.00	\$.00	\$2.50	0		
		Red Maple	2.50	\$.00	\$.00	\$2.50	20		
		Sugar Maple	2.50	\$.00	\$.00	\$2.50	10		
		White Ash	2.50	\$.00	\$.00	\$2.50	0		
		Yellow Birch	2.50	\$.00	\$.00	\$2.50	1		
		Red Maple	Sawtimber	Red Maple	94.18	\$16.64	\$.00	\$110.82	32
		White Ash	108.88	\$16.64	\$.00	\$125.52	1		
Softwood - Other	Pulpwood	Hemlock	2.50	\$.00	\$.00	\$2.50	16		
Sugar Maple	Sawtimber	Northern Red Oak	171.45	\$35.85	\$.00	\$207.30	1		
		Sugar Maple	207.66	\$35.85	\$.00	\$243.51	7		

(C) Weighted average base period prices are:

Species Group	Product	Base Price	Mkt Adj	Qual Adj	Adj Base Price	Volume
Beech	Sawtimber	\$45.69	\$8.09	\$.00	\$53.78	7
	Reason for Mkt Adjustments:	None				
	Reason for Qual Adjustments:	None				
Black Cherry		\$895.98	\$68.09	\$143.36	\$1,107.43	46
	Reason for Mkt Adjustments:	per transaction evidence				
	Reason for Qual Adjustments:	per transaction evidence				
Eastern Hemlock		\$14.40	\$4.80	\$.00	\$19.20	2
	Reason for Mkt Adjustments:	None				
	Reason for Qual Adjustments:	None				
Hardwood - Other	Pulpwood	\$2.50	\$.00	\$.00	\$2.50	57
	Reason for Mkt Adjustments:	None				
	Reason for Qual Adjustments:	None				

Red Maple	Sawtimber	\$94.53	\$16.64	\$.00	\$111.17	33
	Reason for Mkt Adjustments:	None				
	Reason for Qual Adjustments:	None				
Softwood - Other	Pulpwood	\$2.50	\$.00	\$.00	\$2.50	16
	Reason for Mkt Adjustments:	None				
	Reason for Qual Adjustments:	None				
Sugar Maple	Sawtimber	\$203.71	\$35.85	\$.00	\$239.56	8
	Reason for Mkt Adjustments:	None				
	Reason for Qual Adjustments:	None				

FELL BUCK COST ADJUSTMENTS:

Total Sale Volume (CCF).....	169
Number of Acres	8
Number of Trees	901
Sale Average Volume per Acre	21.1
Forest Average Volume per Tree184
Sale Average Volume per Tree188
Percent Change from Forest Average Volume per Tree	2
Forest Average Slope	25
Sale Average Slope	0

FELL BUCK APPRAISAL ADJUSTMENT:

Remarks/Reasons for adjustments:

SKID LOAD COST ADJUSTMENT:

Total Sale Volume (CCF).....	169
Number of Acres	8
Number of Trees	901
Sale Average Volume per Acre	21.1
Forest Average Volume per Tree184
Sale Average Volume per Tree188
Percent Change from Forest Average Volume per Tree	2
Forest Average Slope	25
Sale Average Slope	0

SKID LOAD APPRAISAL ADJUSTMENT:

Remarks/Reasons for adjustments:

TRANSPORTATION ADJUSTMENTS:

Species-Product	Hauled To	Standby Rate
Road Class Miles Rate/Mi	Cost	

APPRAISAL HAUL ADJUSTMENTS

Species-Product	Base Haul	Sale Haul	Apprsl Adjust
Beech Sawtimber	\$22.08	\$22.08	\$.00
Black Cherry Sawtimber	\$22.08	\$22.08	\$.00
Eastern Hemlock Sawtimber	\$22.08	\$22.08	\$.00
Hardwood - Other Pulpwood	\$.01	\$.01	\$.00
Red Maple Sawtimber	\$22.08	\$22.08	\$.00
Softwood - Other Pulpwood	\$.01	\$.01	\$.00
Sugar Maple Sawtimber	\$22.08	\$22.08	\$.00

FOREST SYSTEM - FOREST SERVICE MAINTENANCE

(For Contract Road Maintenance Deposits)

Road	PU	Haul Miles	Volume UOM	Rate	Cost	Remarks
*****						-----
sum						-----
***						-----
sum						

Values derived from appraisal to be used in computing Road Mtncce charges

(For Purchaser Road Maintenance)

Road	PU	Haul Miles	Volume UOM	Rate	Remarks
*****					-----
sum					-----
***					-----
sum					

Appraisal Purchaser Road Maintenance rates

Total Sale Road Maintenance Cost Adjustment in Appraisal

\$2.89 per CCF

CONTRACT COSTS:

Purchaser Contract Costs

Type of Work	UOM	Quantity	Cost/UOM	Cost	Remarks
Forest Service Coop Brush Disposal Contract Costs					
Project	UOM	Quantity	Cost/UOM	Cost	

SUMMARY OF CONTRACTUAL COSTS APPLIED TO APPRAISAL

Base Contract Cost/CCF	Sale Contract Cost/CCF	Contract Cost	Adj/CCF
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TEMPORARY DEVELOPMENTS

Description	UOM	Units	Cost/Unit	Remarks
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APPRAISAL TEMPORARY DEVELOPMENT RATES

Base Tmp Devel Cost/CCF	Sale Tmp Devel Cost/CCF	Tmp Devel Cost	Adj/CCF
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SPECIFIED FACILITIES

Specified Facility costs in appraisal (see details in TIM Timber Sale Report):

Estimated road cost allowance -	\$.00 per CCF
Deposits for Reconstruction Services (DRES) -	\$.00 per CCF
Deposits for Actual Reconstruction (DAR) -	\$.00 per CCF
Total Specified Facility cost -	\$.00 per CCF

UNUSUAL COSTS (Sale Desirability Adjustment)

Reason	Cost	Remarks
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Unusual Costs by Product in appraisal

Product	Cost
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RISK ADJUSTMENT

Species	Product	Adj %	Reason
Black Cherry	Sawtimber	-15	
Beech	Sawtimber	-15	
Eastern Hemlock	Sawtimber	-15	
Red Maple	Sawtimber	-15	
Sugar Maple	Sawtimber	-15	

TIMBER PROPERTY VALUES

Species	Product	Prop Value	Prop Rate	Remarks
Black Cherry	Sawtimber	\$.00	\$.00	
Beech	Sawtimber	\$.00	\$.00	
Eastern Hemlock	Sawtimber	\$.00	\$.00	
Red Maple	Sawtimber	\$.00	\$.00	
Sugar Maple	Sawtimber	\$.00	\$.00	
Softwood - Other	Pulpwood	\$.00	\$.00	
Hardwood - Other	Pulpwood	\$.00	\$.00	

REQUIRED REFORESTATION WORK DUE TO HARVESTING ACTIVITIES

Activity	UOM	Cost/Activity	Quantity	Total Cost
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ADJUSTMENTS TO BASE RATES

Species	Product	UOM	Min. Rate	Adj to Line 40
Eastern Hemlock	Sawtimber	CCF	\$12.00	\$.00
Black Cherry	Sawtimber	CCF	\$117.00	\$.00
Beech	Sawtimber	CCF	\$15.33	\$.00
Softwood - Other	Pulpwood	CCF	\$1.90	\$.00
Hardwood - Other	Pulpwood	CCF	\$1.90	\$.00

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Red Maple	Sawtimber	CCF	\$42.00	\$.00
Sugar Maple	Sawtimber	CCF	\$42.00	\$.00