

CRUISE AND APPRAISAL REPORT
 (Attach to Timber Sale Report)

Ranger District: Bradford Ranger District Report Date: October 10, 2007
 Sale Name: OGM 243 DUHRING 17W Sale No: 30669
 Total CCF Volume: 549

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
Black Cherry	Sawtimber	Black Cherry	895.98	\$68.09	\$.00	\$964.07	179
Hardwood - Other	Pulpwood	Beech	2.50	\$.00	\$.00	\$2.50	9
		Black Cherry	2.50	\$.00	\$.00	\$2.50	66
		Cucumbertree	2.50	\$.00	\$.00	\$2.50	0
		Red Maple	2.50	\$.00	\$.00	\$2.50	92
		Sugar Maple	2.50	\$.00	\$.00	\$2.50	36
		White Ash	2.50	\$.00	\$.00	\$2.50	16
		Yellow Birch	2.50	\$.00	\$.00	\$2.50	14
Red Maple	Sawtimber	Red Maple	94.18	\$16.63	\$.00	\$110.81	111
		White Ash	108.88	\$16.63	\$.00	\$125.51	2
Sugar Maple	Sawtimber	Sugar Maple	207.66	\$36.55	\$.00	\$244.21	15
Yellow Birch	Sawtimber	Beech	42.88	\$7.43	\$.00	\$50.31	1
		Cucumbertree	74.57	\$7.43	\$.00	\$82.00	0
		Yellow Birch	39.60	\$7.43	\$.00	\$47.03	6

(C) Weighted average base period prices are:

Species Group	Product	Base Price	Mkt Adj	Qual Adj	Adj Base Price	Volume
Black Cherry	Sawtimber	\$895.98	\$68.09	\$.00	\$964.07	179
	Reason for Mkt Adjustments:	per transaction evidence				
	Reason for Qual Adjustments:	per transaction evidence				
Hardwood - Other	Pulpwood	\$2.50	\$.00	\$.00	\$2.50	234
	Reason for Mkt Adjustments:	None				
	Reason for Qual Adjustments:	None				
Red Maple	Sawtimber	\$94.49	\$16.63	\$.00	\$111.12	113
	Reason for Mkt Adjustments:	None				
	Reason for Qual Adjustments:	None				
Sugar Maple		\$207.66	\$36.55	\$.00	\$244.21	15
	Reason for Mkt Adjustments:	None				
	Reason for Qual Adjustments:	None				
Yellow Birch		\$41.97	\$7.43	\$.00	\$49.40	8
	Reason for Mkt Adjustments:	None				
	Reason for Qual Adjustments:	None				

FELL BUCK COST ADJUSTMENTS:

Total Sale Volume (CCF).....	549
Number of Acres	13

Number of Trees	1,958
Sale Average Volume per Acre	42.2
Forest Average Volume per Tree184
Sale Average Volume per Tree280
Percent Change from Forest Average Volume per Tree	52
Forest Average Slope	25
Sale Average Slope	0

FELL BUCK APPRAISAL ADJUSTMENT:

Remarks/Reasons for adjustments:

SKID LOAD COST ADJUSTMENT:

Total Sale Volume (CCF).....	549
Number of Acres	13
Number of Trees	1,958
Sale Average Volume per Acre	42.2
Forest Average Volume per Tree184
Sale Average Volume per Tree280
Percent Change from Forest Average Volume per Tree	52
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
Black Cherry Sawtimber	\$22.08	\$22.08	\$.00
Hardwood - Other Pulpwood	\$.01	\$.01	\$.00
Red Maple Sawtimber	\$22.08	\$22.08	\$.00
Sugar Maple Sawtimber	\$22.08	\$22.08	\$.00
Yellow Birch 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

TEMPORARY DEVELOPMENTS

Description	UOM	Units	Cost/Unit	Remarks

APPRAISAL TEMPORARY DEVELOPMENT RATES

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

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

Unusual Costs by Product in appraisal

Product	Cost

RISK ADJUSTMENT

Species	Product	Adj %	Reason
Black Cherry	Sawtimber	-15	
Red Maple	Sawtimber	-15	
Sugar Maple	Sawtimber	-15	
Yellow Birch	Sawtimber	-15	

TIMBER PROPERTY VALUES

Species	Product	Prop Value	Prop Rate	Remarks
Black Cherry	Sawtimber	\$.00	\$.00	
Red Maple	Sawtimber	\$.00	\$.00	
Sugar Maple	Sawtimber	\$.00	\$.00	
Yellow Birch	Sawtimber	\$.00	\$.00	
Hardwood - Other	Pulpwood	\$.00	\$.00	

REQUIRED REFORESTATION WORK DUE TO HARVESTING ACTIVITIES

Activity	UOM	Cost/Activity	Quantity	Total Cost
sum				-----

ADJUSTMENTS TO BASE RATES

Species	Product	UOM	Min. Rate	Adj to Line 40
Black Cherry	Sawtimber	CCF	\$117.00	\$.00
Hardwood - Other	Pulpwood	CCF	\$1.90	\$.00
Red Maple	Sawtimber	CCF	\$42.00	\$.00
Sugar Maple	Sawtimber	CCF	\$42.00	\$.00
Yellow Birch	Sawtimber	CCF	\$13.79	\$.00

R9-B# - SEEDING

Seeding Table

@1/ seed lbs/ac
N/A

@2/ lime lbs/ac
N/A

@3/ fertilizer lbs/ac
N/A

Sale Id:	30669	TE Effective Date:	01-JUL-07		
Sale Name:	OGM 243 DUHRING 1	Date Appraised:	10-OCT-07		
1. Product	1	1	1	1	2
Uom	3	3	3	3	3
Species	BC	RM	SM	YB	MH
3. Species Code	762	316	318	371	004
4. % By Species	32.6	20.6	2.7	1.5	42.6
5. Volume	179	113	15	8	234
6. Base Period Price	895.98	94.49	207.66	41.97	2.5
7a. Market Adjustment	68.09	16.63	36.55	7.43	0
7b. Quality Adjustment	0	0	0	0	0
8. Adj Base Price	964.07	111.12	244.21	49.4	2.5
9. Falling and Bucking	0	0	0	0	0
10. Skidding and Loading	0	0	0	0	0
11. Logging Adj	0	0	0	0	0
12. Base Haul Cost	22.08	22.08	22.08	22.08	.01
13. Sale Haul Cost	22.08	22.08	22.08	22.08	.01
14. Haul Cost Adj	0	0	0	0	0
15. Base Road Mtnc Cost	2.89	2.89	2.89	2.89	2.89
16. Sale Road Mtnc Cost	2.89	2.89	2.89	2.89	2.89
17. Road Mtnc Cost Adj	0	0	0	0	0
18. Base Contractual Cost	4.02	4.02	4.02	4.02	4.02
Sale Contractual Cost	4.02	4.02	4.02	4.02	4.02
Contractual Cost Adj	0	0	0	0	0
21. Base Temp Road Cost	3.97	3.97	3.97	3.97	3.97
22. Sale Temp Road Cost	3.97	3.97	3.97	3.97	3.97
23. Temp Road Cost Adj	0	0	0	0	0
26. Unusual Costs	0	0	0	0	0
30. Specified Road Cost	0	0	0	0	0
35. Total Adjustments	0	0	0	0	0
36. Stumpage Rates	964.07	111.12	244.21	49.4	2.5
38. Risk Adj	-144.61	-16.67	-36.63	-7.41	0
40. Ind Advertised Rate	819.46	94.45	207.58	41.99	2.5
41. Base Rates	117	42	42	13.79	1.9
42. Adj to Line 40 Rates	0	0	0	0	0
43. Advertised Rates	819.46	94.45	207.58	41.99	2.5
47. Timber Prop Value	0	0	0	0	0
48. Timber Prop Rates	0	0	0	0	0

Volume 549 CCF

Sale Price \$161,390.81