



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6758

REVISION NOTICE #1 - December 3, 2020

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on Thursday, December 10, 2020

LOCATION: Baraga Mgmt Unit, 427 US 41 North, Baraga, MI 49908

This prospectus has been modified with the following changes. PJ Aspen has been withdrawn due to access being denied into Unit 1. Units 2 & 3 will be advertised at a later date.

PJ Aspen (11-021-19) has been withdrawn from this prospectus.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Brad Carlson at 906-353-6651.



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SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on December 10, 2020.**

LOCATION: **BARAGA MGMT UNIT, 427 US 41 NORTH, BARAGA, MI 49908.**

CONTACT NAME: Brad Carlson

PHONE NUMBER: (906) 353-6651

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, BARAGA MANAGEMENT UNIT, for certain timber on the following described lands:

Snuffless Hardwoods (11-010-20) / T51N, R36W, SEC. 11, SESE.

T51N, R36W, SEC. 13, NW.

T51N, R36W, SEC. 14, E1/2NE.

Houghton County, Advertised Price \$25,977.30, 108.2 Acres, Hardwood, Sugar Maple.

TIMBER SALE INFORMATION

Snuffless Hardwoods (11-010-20)

T51N, R36W, SEC. 11; T51N, R36W, SEC. 13; T51N, R36W, SEC. 14.
Houghton County (Advertised Price \$25,977.30)

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	69.4 MBF	\$ 90.00 / MBF
Black Ash	3.8 MBF	\$ 19.00 / MBF
Red Maple	57.6 MBF	\$ 95.00 / MBF
Sugar Maple	58.8 MBF	\$ 155.00 / MBF
Yellow Birch	13.7 MBF	\$ 63.00 / MBF
Pulpwood		
Basswood	118 Cords	\$ 6.50 / Cord
Mixed Hardwood	626 Cords	\$ 5.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.32 percent. There are an estimated 1,152 cords on this timber sale, plus or minus 153 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$2,500.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2024.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
90,991	1,152	13.32%	998	1,305

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	23,977	304	23.66%	232	375
2	39,792	504	17.68%	415	593
3	27,208	344	25.66%	256	433
TOTAL:	90,976	1,152		902	1,401

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
1	34.1	1	34.1
2	50.2	2	50.2
3	23.9	3	23.9
TOTAL:	108.2		108.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	4.9	MBF	34.1	\$6,175.60
	Black Ash		3.8	MBF		
	Red Maple		22.5	MBF		
	Sugar Maple		13.5	MBF		
	Yellow Birch		4.8	MBF		
	Basswood	Pulpwood	8	Cords		
	Mixed Hardwood		196	Cords		
	Black Ash		7	Cords		
	Red Maple		108	Cords		
	Sugar Maple		46	Cords		
	Yellow Birch		35	Cords		
2	Basswood	Sawtimber	33.7	MBF	50.2	\$11,576.70
	Red Maple		26.8	MBF		
	Sugar Maple		24.8	MBF		
	Yellow Birch		4.9	MBF		
	Basswood	Pulpwood	74	Cords		
	Mixed Hardwood		248	Cords		
	Red Maple		99	Cords		
	Sugar Maple		97	Cords		
	Yellow Birch		52	Cords		
3	Basswood	Sawtimber	30.8	MBF	23.9	\$8,225.00
	Red Maple		8.3	MBF		
	Sugar Maple		20.5	MBF		
	Yellow Birch		4.0	MBF		
	Basswood	Pulpwood	36	Cords		
	Mixed Hardwood		182	Cords		
	Red Maple		30	Cords		
	Sugar Maple		120	Cords		
	Yellow Birch		32	Cords		
TOTAL:			203.3	MBF		
TOTAL:			744	Cords		

Sale Specific Conditions & Requirements

Sale Name: Snuffless Hardwoods

Sale Number: 11-010-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Red painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1, 2 and 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.1 - Utilization (2/04)

All listed board foot volumes of sawlog size products in this contract have been determined using a top diameter inside bark of 8 inches.

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible, unless approved by the Unit Manager or his/her representative.

2.2.7 - Uncut designated trees (2/04)

Liquidated damages of \$10.00 per tree will be assessed for every marked tree not cut.

2.2.8 - Utilization and removal (5/14)

All products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the sale area. Chips are considered a product and must be removed from the sale area. Chips and brush for chipping cannot be stored on site. This is because excessive woody debris inhibits regeneration.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

4 - Transportation

4.1 - Construction

4.1.1 - Stream crossings, general (3/11)

All stream crossing structures will be temporary and therefore, shall be provided by the Purchaser, and must be removed upon completion of the sale. All permits for stream crossings will be provided by the EGLE.

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale, chipped, utilized or otherwise removed

from the sale.

4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the sale administrator and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the sale administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR. Please notify the DNR 90 days prior to working on any crossings that will require a EGLE permit.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge, chipped, utilized or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

5 - Operations

5.1 - Notification

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (5/07)

To facilitate reforestation, the sale area shall be left with slash evenly distributed. Bunched tops within the cutting area

shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 2 and 3, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.30 - Landing/road top soil protection (2/15)

Top soil on new landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation. In addition, all clean up work for the sale must be completed and the area must be seeded and mulched prior to the July 15th following harvest completion. This is to allow the area to vegetate before the dry season.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on the Pike Lake Road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number	Year
11-010	20

Forest Management Unit Baraga	County Houghton	Mapped By Carlson	Date 8/20/2020	Page 1	of 1
Cruised By Cedar Ridge Forestry					

Township 51N	Range 36W	Section(s) and Subdivision(s) Sec 11 - SESE; Sec 13 - NW1/4; Sec 14 - E1/2NE	Scale 1:15,840
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Cover Type

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

Density

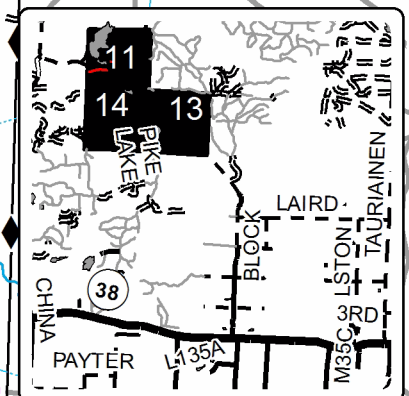
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

Snuffless Hardwoods

108.2 Acres

Houghton County, Compartment 45

UNIT	1	2	3	TOTALS
ACRES	34.1	50.2	23.9	108.2
Sawlogs MBF				
Basswood	4.9	33.7	30.8	69.4
Black Ash	3.8	0.0	0.0	3.8
Red Maple	22.5	26.8	8.3	57.6
Sugar Maple	13.5	24.8	20.5	58.8
Yellow Birch	4.8	4.9	4.0	13.7
TOTAL	49.5	90.2	63.6	203.3
Pulpwood Cords				
Basswood	8	74	36	118
Mixed Hardwood	196	248	182	626
TOTAL	204	322	218	744

1:200,000
Locator Map

Legend

- Against State (Red)
- Payment Unit (Red)
- Private Line (Blue)
- ◆ Survey Corners
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- County Road - Seasonal
- Private
- Pipeline
- Powerline
- ▨ Nearby Timber Sales

Streams

- Intermittent Stream
- Perennial River
- Lakes and Rivers

GPS Location
46°49.197'N
88°50.562'W

14

PVT

PVT

PVT

13

0 0.125 0.25 0.5 0.75 1 Miles