



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7521**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on January 16, 2025.**

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:

Contractor Cruise Mix (11-019-24) / T48N, R32W, SEC. 8 , N1/2NE,SENE.

Baraga County, Advertised Price \$14,006.55, 58.3 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

TIMBER SALE INFORMATION

Contractor Cruise Mix (11-019-24)

T48N, R32W, SEC. 8.

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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 Inventory Manager computer program and the new Michigan taper model. 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		
Black Cherry	3.5 MBF	\$ 37.00 / MBF
Paper Birch	1.6 MBF	\$ 54.00 / MBF
Red Maple	4.8 MBF	\$ 136.00 / MBF
Sugar Maple	13.4 MBF	\$ 259.00 / MBF
Yellow Birch	3.5 MBF	\$ 114.00 / MBF
Pulpwood		
Balsam Fir	48 Cords	\$ 5.05 / Cord
Mixed Aspen	75 Cords	\$ 20.00 / Cord
Mixed Hardwood	483 Cords	\$ 13.45 / Cord
Mixed Spruce	34 Cords	\$ 11.60 / Cord
Tamarack	146 Cords	\$ 4.35 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 27.99 percent. There are an estimated 848 cords on this timber sale, plus or minus 238 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 \$1,250.00 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.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	57.9%
02	42.1%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
67,030	848	27.99%	611	1,086

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
75	27,727	351	21.76%	275	427
76	39,303	498	45.93%	269	726
TOTAL:	67,030	848		544	1,153

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
75	34.7	1	34.7
76	23.6	2	23.6
TOTAL:	58.3		58.3

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Black Cherry	Sawtimber	2.1	MBF	34.7	\$8,103.05	
	Red Maple		2.9	MBF			
	Sugar Maple		13.4	MBF			
	Yellow Birch		0.7	MBF			
	Balsam Fir	Pulpwood	5	Cords			
	Mixed Aspen		5	Cords			
	<i>Quaking Aspen</i>		5	<i>Cords</i>			
	Mixed Hardwood		282	Cords			
	<i>Black Cherry</i>		15	<i>Cords</i>			
	<i>Red Maple</i>		119	<i>Cords</i>			
	<i>Sugar Maple</i>		132	<i>Cords</i>			
	<i>Yellow Birch</i>		16	<i>Cords</i>			
	Mixed Spruce		14	Cords			
	<i>White Spruce</i>		14	<i>Cords</i>			
	2		Black Cherry	Sawtimber			1.4
Paper Birch		1.6	MBF				
Red Maple		1.9	MBF				
Yellow Birch		2.8	MBF				
Balsam Fir		Pulpwood	43		Cords		
Mixed Aspen			70		Cords		
<i>Quaking Aspen</i>			70		<i>Cords</i>		
Mixed Hardwood			201		Cords		
<i>Black Cherry</i>			24		<i>Cords</i>		
<i>Paper Birch</i>			17		<i>Cords</i>		
<i>Red Maple</i>			133		<i>Cords</i>		
<i>Sugar Maple</i>			4		<i>Cords</i>		
<i>Yellow Birch</i>			23		<i>Cords</i>		
Mixed Spruce			20		Cords		
<i>Black Spruce</i>			20		<i>Cords</i>		
Tamarack		146	Cords				
TOTAL:			26.8		MBF		
TOTAL:			786	Cords			

Sale Specific Conditions & Requirements

Sale Name: Contractor Cruise Mix

Sale Number: 11-019-24 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

2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 2, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut cedar, white pine, red oak or hemlock. In addition, do not cut sugar maple, red maple, yellow birch and black cherry that are 20 inches or more at DBH.

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

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

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops is not permissible unless approved by the Unit Manager or his/her representative. Skidding of lengths over 17 feet is permissible as long as the Sale Administrator approves the method and machinery used. If at any point damage exceeds specification 3.4.1, all of the remaining wood must be skid in lengths less than 17 feet.

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. This is because excessive woody debris inhibits regeneration.

2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. In addition, brush or chips may not be stored or stockpiled on-site for more than 30 days.

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

4.1.7 - 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.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

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. Contact the Sale Administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

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 bulldozer 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.

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.1 - Notification

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

5.2.2 - 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

5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1 and 2, unless changed by written agreement, all cleanup activities must be completed by June 15 for areas that were harvested during the previous harvest season. This restriction is to allow the clean up areas to revegetate before the dry season.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 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 must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation.

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.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Snowmobile Trail UP8 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted approximately 350 feet 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	Date	
11-019-24	08/16/2024	
Scale	Page	Of
1:15,840	1	1

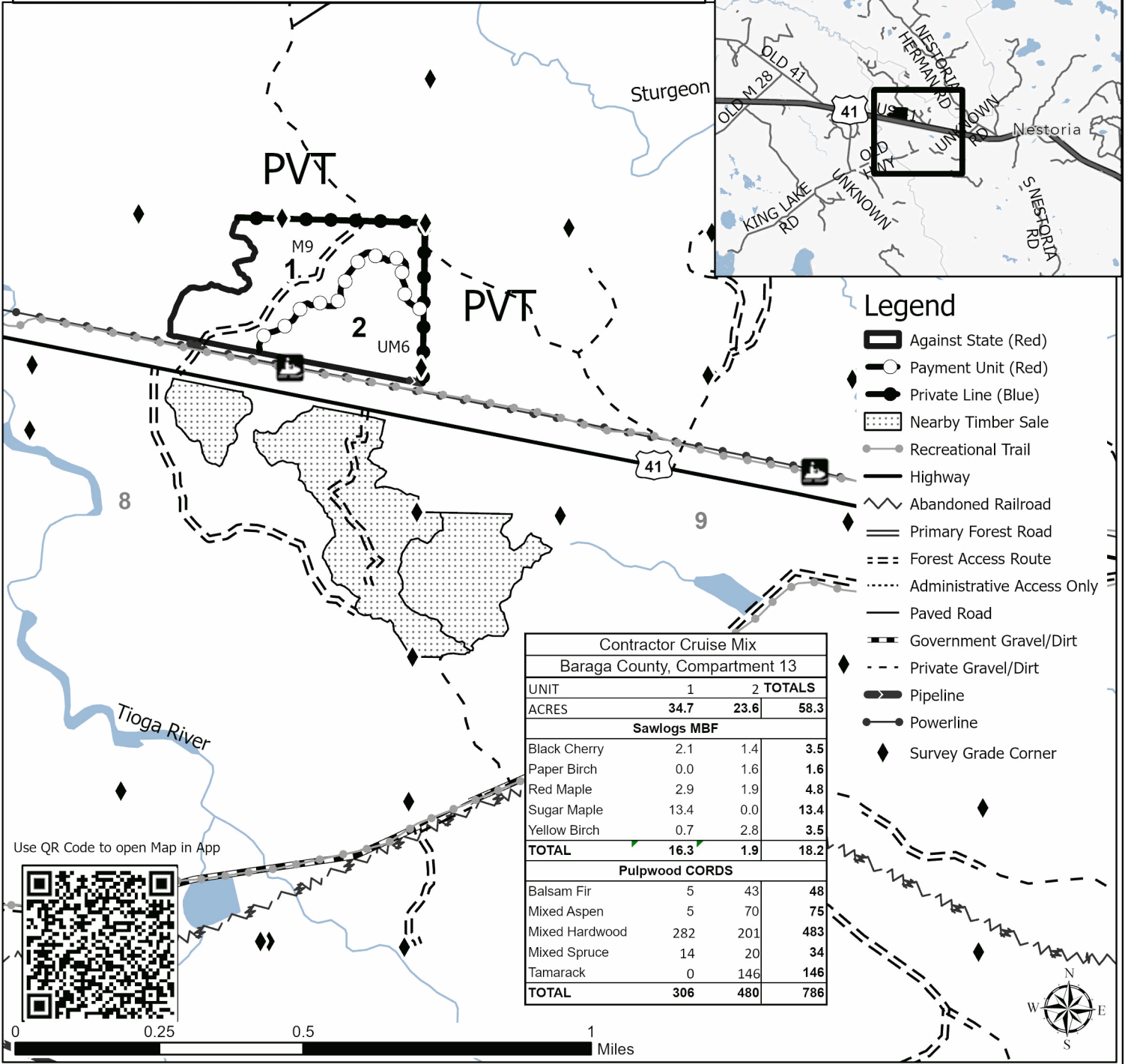
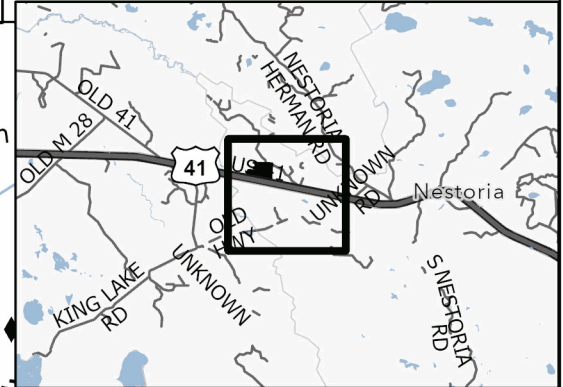
Forest Management Unit	County	Mapped By: Ryan Mattila
Baraga Mgt Unit	Baraga	Cruised By: Ryan Mattila

Township	Range	Section(s) and Subdivision(s)
48N	32W	Sec. 8 N1/2NE,SENE;

Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous		Z = Water
H = Hemlock	N = Marsh		

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

Locator Map (1:200,000)



Contractor Cruise Mix			
Baraga County, Compartment 13			
UNIT	1	2	TOTALS
ACRES	34.7	23.6	58.3
Sawlogs MBF			
Black Cherry	2.1	1.4	3.5
Paper Birch	0.0	1.6	1.6
Red Maple	2.9	1.9	4.8
Sugar Maple	13.4	0.0	13.4
Yellow Birch	0.7	2.8	3.5
TOTAL	16.3	1.9	18.2
Pulpwood CORDS			
Balsam Fir	5	43	48
Mixed Aspen	5	70	75
Mixed Hardwood	282	201	483
Mixed Spruce	14	20	34
Tamarack	0	146	146
TOTAL	306	480	786

Use QR Code to open Map in App

