



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7601**

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on February 24, 2025.

LOCATION: SAULT DNR CUSTOMER SERVICE CENTER, 4131 S. M-129, SAULT STE MARIE, MI 49783.

CONTACT NAME: Kenny Fanelli

PHONE NUMBER: (906) 287-1380

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, SAULT STE MARIE MANAGEMENT UNIT, for certain timber on the following described lands:

Transient Timber Mix (45-006-24) / T45N, R01W, SEC. 18, SESE.

T45N, R01W, SEC. 19, NE.

T45N, R01W, SEC. 20, NWNW, S1/2NW, SWNE.

T45N, R02W, SEC. 24, E1/2NE.

Chippewa County, Advertised Price \$67,029.45, 116.0 Acres, Aspen, White Pine.

SALE NOTE: Most units contain a mix of dry and wet ground.

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. Access may be through private land.

TIMBER SALE INFORMATION

Transient Timber Mix (45-006-24)

T45N, R01W, SEC. 18; T45N, R01W, SEC. 19; T45N, R01W, SEC. 20; T45N, R02W, SEC. 24.
Chippewa County (Advertised Price \$67,029.45)

SALE NOTE: Most units contain a mix of dry and wet ground.

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. Access may be through private land.

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		
Sugar Maple	1.7 MBF	\$ 294.00 / MBF
Pulpwood		
Balsam Fir	114 Cords	\$ 7.00 / Cord
Jack Pine	14 Cords	\$ 31.70 / Cord
Mixed Aspen	812 Cords	\$ 15.35 / Cord
Mixed Hardwood	436 Cords	\$ 11.90 / Cord
Mixed Spruce	523 Cords	\$ 7.40 / Cord
Paper Birch	82 Cords	\$ 5.60 / Cord
Red Pine	359 Cords	\$ 68.60 / Cord
Tamarack	11 Cords	\$ 4.05 / Cord
White Pine	1,074 Cords	\$ 17.35 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 14.01 percent. There are an estimated 3,425 cords on this timber sale, plus or minus 480 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 \$5,362.36 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	27.0%
02	17.8%
03	17.7%
04	1.9%
05	15.4%
06	7.8%
07	12.4%

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
270,574	3,425	14.01%	2,945	3,905

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
2	32,024	405	59.06%	166	645
9	12,202	154	26.50%	114	195
10	102,939	1,303	22.44%	1,011	1,595
11	44,875	568	25.74%	422	714
16	19,774	250	32.07%	170	331
19	54,142	685	36.84%	433	938
39	4,618	58	73.43%	16	101
TOTAL:	270,574	3,425		2,330	4,520

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
2	10.5	1	10.5
9	12.5	4	12.5
10	36.4	2	18.2
10	36.4	3	18.2
11	19.1	5	19.1
16	12.5	6	12.5
19	20.9	6	4.1
19	20.9	7	16.8
39	4.1	6	4.1
TOTAL:	173.3		116.0

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Pulpwood	4	Cords	10.5	\$18,099.65
	<i>B. T. Aspen</i>		4	<i>Cords</i>		
	Mixed Hardwood		3	Cords		
	<i>Red Maple</i>		3	<i>Cords</i>		
	Mixed Spruce		97	Cords		
	<i>Black Spruce</i>		91	<i>Cords</i>		
	<i>White Spruce</i>		6	<i>Cords</i>		
	Red Pine		237	Cords		
	Tamarack		5	Cords		
	White Pine		58	Cords		
2	Balsam Fir	Pulpwood	9	Cords	18.2	\$11,911.85
	Jack Pine		7	Cords		
	Mixed Aspen		90	Cords		
	<i>B. T. Aspen</i>		76	<i>Cords</i>		
	<i>Quaking Aspen</i>		14	<i>Cords</i>		
	Mixed Hardwood		48	Cords		
	<i>Red Maple</i>		48	<i>Cords</i>		
	Mixed Spruce		118	Cords		
	<i>Black Spruce</i>		111	<i>Cords</i>		
	<i>White Spruce</i>		7	<i>Cords</i>		
	Paper Birch		21	Cords		
	Red Pine		48	Cords		
	Tamarack		3	Cords		
	White Pine		310	Cords		
3	Balsam Fir	Pulpwood	9	Cords	18.2	\$11,880.15
	Jack Pine		6	Cords		
	Mixed Aspen		90	Cords		
	<i>B. T. Aspen</i>		76	<i>Cords</i>		
	<i>Quaking Aspen</i>		14	<i>Cords</i>		
	Mixed Hardwood		48	Cords		
	<i>Red Maple</i>		48	<i>Cords</i>		
	Mixed Spruce		118	Cords		
	<i>Black Spruce</i>		111	<i>Cords</i>		
	<i>White Spruce</i>		7	<i>Cords</i>		
	Paper Birch		21	Cords		
	Red Pine		48	Cords		
	Tamarack		3	Cords		
	White Pine		310	Cords		
4	Jack Pine	Pulpwood	1	Cords	12.5	\$1,264.45
	Mixed Aspen		3	Cords		
	<i>B. T. Aspen</i>		2	<i>Cords</i>		
	<i>Quaking Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		17	Cords		
	<i>Red Maple</i>		17	<i>Cords</i>		
	Mixed Spruce		130	Cords		
	<i>Black Spruce</i>		130	<i>Cords</i>		
	Paper Birch		4	Cords		
5	Balsam Fir	Pulpwood	15	Cords	19.1	\$10,328.15
	Mixed Aspen		41	Cords		
	<i>B. T. Aspen</i>		30	<i>Cords</i>		
	<i>Quaking Aspen</i>		11	<i>Cords</i>		
	Mixed Hardwood		62	Cords		
	<i>Red Maple</i>		62	<i>Cords</i>		
	Mixed Spruce		25	Cords		
	<i>Black Spruce</i>		18	<i>Cords</i>		

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	<i>White Spruce</i>	<i>Pulpwood</i>	7	<i>Cords</i>		
	Paper Birch		3	Cords		
	Red Pine		26	Cords		
	White Pine		396	Cords		
6	Sugar Maple	Sawtimber	0.3	MBF	20.7	\$5,235.75
	Balsam Fir	Pulpwood	73	Cords		
	Mixed Aspen		159	Cords		
	<i>B. T. Aspen</i>		107	<i>Cords</i>		
	<i>Quaking Aspen</i>		52	<i>Cords</i>		
	Mixed Hardwood		151	Cords		
	<i>Red Maple</i>		148	<i>Cords</i>		
	<i>Sugar Maple</i>		3	<i>Cords</i>		
	Mixed Spruce		35	Cords		
	<i>Black Spruce</i>		35	<i>Cords</i>		
	Paper Birch		25	Cords		
	7	Sugar Maple	Sawtimber	1.4		
Balsam Fir		Pulpwood	8	Cords		
Mixed Aspen			425	Cords		
<i>B. T. Aspen</i>			259	<i>Cords</i>		
<i>Quaking Aspen</i>			166	<i>Cords</i>		
Mixed Hardwood			107	Cords		
<i>Red Maple</i>			93	<i>Cords</i>		
<i>Sugar Maple</i>			14	<i>Cords</i>		
Paper Birch			8	Cords		
TOTAL:			1.7	MBF		
TOTAL:			3,425	Cords		

Sale Specific Conditions & Requirements

Sale Name: Transient Timber Mix

Sale Number: 45-006-24 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, red and yellow 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 yellow paint, with the exception of the interior Payment Unit boundary between Payment Units 6 & 7 which is unpainted and designated by the forest road/two-track. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Yellow 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

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 4 and 6-7, cut all trees that are two (2) inches or more at DBH, except do not cut red pine, white pine, yellow birch, cedar, hemlock, or oak.

2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 1-3 and 5, cut all trees that are two (2) inches or more at DBH, except do not cut trees marked with green paint above and below stump height. Additionally, do not cut any cedar, hemlock, yellow birch, or oak.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

4 - Transportation

4.1 - Construction

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.

4.1.6 - Road Construction (4/24)

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. 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 double earthen berms at strategic locations. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary

berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.1 - Hauling Restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions.

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.

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

5.2 - 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.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave one pile of slash on the ground for every two acres. They should be positioned along the lowland conifer edges around the perimeter of Payment Units 2-3 and 5-6. These piles should be approximately 6 feet tall and 12 feet in diameter.

5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. Approximately 50-75 feet of road or trail will need extra protection at locations shown on the Timber Sale Map. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

5.2.22 - Operating Caution

5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1-7, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of wet ground conditions.

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.

5.2.37 - No Decking Areas (12/08)

No decking is allowed within 50 feet of Gaines Highway without permission of the Chippewa County Road Commission.

5.2.38 - No Decking Against Live Trees (2/04)

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

5.2.39 - ORV Trail/Route Protection (4/18)

The Kinross Motorcycle Trail is an ORV trail or route and is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

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 onsite evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Gaines Highway prior to beginning operations. The road must be posted at locations designated on the map 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.

6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the Kinross Motorcycle Trail prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. 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
45-006-24

Date
08/20/2024

Forest Management Unit
Sault Ste Marie Mgt Unit

County
Chippewa

Mapped By: Fanelli

Cruised By: Fanelli

Scale
1:15,840

Page
1

Of
1

Township 45N Range 01W / Section(s) and Subdivision(s) Sec. 18 SESE; Sec. 19 NE; Sec. 20 NWNW,S1/2NW,SWNE; Sec. 24 E1/2NE;

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

Transient Timber Mix
116.0 Acres

