



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7300**

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on October 16, 2023.

LOCATION: GWINN MGMT UNIT, 410 WEST M 35, GWINN, MI 49841.

CONTACT NAME: Mike Brodeur

PHONE NUMBER: (906) 346-9201

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, GWINN MANAGEMENT UNIT, for certain timber on the following described lands:

PVT Access Maple (32-006-22) / T44N, R23W, SEC. 22, SESE.

T44N, R23W, SEC. 26, NWNW.

T44N, R23W, SEC. 27, N1/2NW, SWNW, E1/2NE.

T44N, R23W, SEC. 28, NENE.

Marquette County, Advertised Price \$21,832.20, 104.2 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Access is through two different private landowners.

Access may be through private land.

TIMBER SALE INFORMATION

PVT Access Maple (32-006-22)

T44N, R23W, SEC. 22; T44N, R23W, SEC. 26; T44N, R23W, SEC. 27; T44N, R23W, SEC. 28.

Marquette County (Advertised Price \$21,832.20)

SALE NOTE: Access is through two different private landowners.

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		
Basswood	18.1 MBF	\$ 17.00 / MBF
Black Ash	2.9 MBF	\$ 17.00 / MBF
Paper Birch	2.2 MBF	\$ 37.00 / MBF
Quaking Aspen	2.4 MBF	\$ 46.00 / MBF
Red Maple	70.6 MBF	\$ 63.00 / MBF
Sugar Maple	75.5 MBF	\$ 82.00 / MBF
White Spruce	1.2 MBF	\$ 21.00 / MBF
Yellow Birch	7.8 MBF	\$ 18.00 / MBF
Pulpwood		
Balsam Fir	93 Cords	\$ 7.20 / Cord
Basswood	23 Cords	\$ 4.40 / Cord
Black Spruce	75 Cords	\$ 11.30 / Cord
Mixed Hardwood	1,030 Cords	\$ 8.45 / Cord
Paper Birch	4 Cords	\$ 8.90 / Cord
Quaking Aspen	4 Cords	\$ 13.45 / Cord
White Spruce	6 Cords	\$ 11.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.03 percent. There are an estimated 1,717 cords on this timber sale, plus or minus 224 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 \$1,091.61 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	16.8%
02	21.1%
03	4.4%
04	5.3%
05	16.5%
06	11.5%
07	24.4%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2026.

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
135,613	1,717	13.03%	1,493	1,940

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	6,438	81	73.61%	22	141
2	41,025	519	20.13%	415	624
3	8,870	112	35.49%	72	152
4	64,019	810	18.14%	663	957
10	15,260	193	40.64%	115	272
TOTAL:	135,613	1,717		1,287	2,147

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	5.4	3	5.4
2	32.3	1	14.3
		2	18.0
3	6.1	4	6.1
4	36.4	6	11.6
		7	24.8
10	24.0	5	24.0
TOTAL:	104.2		104.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
	Basswood	Sawtimber	8.0	MBF		
	Quaking Aspen		1.1	MBF		
	Red Maple		11.1	MBF		
	Sugar Maple		21.0	MBF		
	Basswood	Pulpwood	10	Cords		
	<i>Black Ash</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		43	<i>Cords</i>		
	<i>Sugar Maple</i>		73	<i>Cords</i>		
	Quaking Aspen		2	Cords		
	Basswood	Sawtimber	10.1	MBF		
	Quaking Aspen		1.3	MBF		
	Red Maple		13.9	MBF		
	Sugar Maple		26.5	MBF		
	Basswood	Pulpwood	13	Cords		
	<i>Black Ash</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		55	<i>Cords</i>		
	<i>Sugar Maple</i>		91	<i>Cords</i>		
	Quaking Aspen		2	Cords		
	Red Maple	Sawtimber	5.0	MBF		
	Sugar Maple		1.4	MBF		
	White Spruce		1.2	MBF		
	<i>Red Maple</i>	<i>Pulpwood</i>	23	<i>Cords</i>		
	<i>Sugar Maple</i>		35	<i>Cords</i>		
	White Spruce		1	Cords		
	Red Maple	Sawtimber	6.6	MBF		
	<i>Red Maple</i>	<i>Pulpwood</i>	82	<i>Cords</i>		
	<i>Sugar Maple</i>		6	<i>Cords</i>		
	Red Maple	Sawtimber	12.8	MBF		
	Sugar Maple		22.3	MBF		
	<i>Red Maple</i>	<i>Pulpwood</i>	27	<i>Cords</i>		
	<i>Sugar Maple</i>		80	<i>Cords</i>		
	<i>White Ash</i>		8	<i>Cords</i>		
	Black Ash	Sawtimber	0.9	MBF		
	Paper Birch		0.7	MBF		
	Red Maple		6.8	MBF		
	Sugar Maple		1.4	MBF		
	Yellow Birch		2.5	MBF		
	Balsam Fir	Pulpwood	30	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	3.8	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	16	<i>Cords</i>		
	Mixed Hardwood		160	Cords		
	Paper Birch		1	Cords		
	White Spruce		2	Cords		
	Black Ash	Sawtimber	2.0	MBF		
	Paper Birch		1.5	MBF		
	Red Maple		14.4	MBF		
	Sugar Maple		2.9	MBF		
	Yellow Birch		5.3	MBF		
	Balsam Fir	Pulpwood	63	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	8.1	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	35	<i>Cords</i>		
	Mixed Hardwood		343	Cords		
	Paper Birch		3	Cords		
	White Spruce		3	Cords		
	Mixed Hardwood	Pulpwood	118	Cords	14.3	

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
2	Mixed Hardwood	Pulpwood	148	Cords	18.0	\$4,614.90
3	Mixed Hardwood	Pulpwood	58	Cords	5.4	\$956.40
4	Mixed Hardwood	Pulpwood	88	Cords	6.1	\$1,159.40
5	Mixed Hardwood	Pulpwood	115	Cords	24.0	\$3,606.75
6	Black Spruce	Pulpwood	24	Cords	11.6	\$2,500.10
7	Black Spruce	Pulpwood	51	Cords	24.8	\$5,318.75
TOTAL:			180.7	MBF		
TOTAL:			1,235	Cords		

Sale Specific Conditions & Requirements

Sale Name: PVT Access Maple

Sale Number: 32-006-22 Seq#: 3

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. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 6 & 7, cut all trees that are two (2) inches or more at DBH, except leave hemlock, cedar, and any tree marked with green paint.

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

Within Payment Unit(s) 1-5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

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.

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.

Within the sale area, if more than 10% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$200 per acre for all acreage within that specified portion of the sale area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

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 scattered, and not left in windrows, and kept a minimum of 10 feet back from the road edge.

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate

from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

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, be 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 double earthen berms at strategic locations. 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. 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 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.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

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) 1-5, 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.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 6 & 7, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation because of wet payment units and wet access roads.

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 the county road (as seen on map) without permission of the county and unit manager or his/her representative.

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.

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

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 (10/20)

The Purchaser is responsible for posting and maintaining caution signs on County Road 444 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.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from Spruce Budworm and Emerald Ash Borer. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.

**TIMBER SALE MAP***This information provided by authority of Part 525, 1994 PA 451, as amended.*

Sale Number	Year
32-006	22

Forest Management Unit	County	Mapped By	Date	Page	of
Gwynn Management Unit	Marquette	Peter Holodnick	09/20/2022	1	1
		Cruised By	Pete Holodnick/Contractor		

Township	Range	Section(s) and Subdivision(s)	Scale
44N	23W	Sections: 22, 26, 27, and 28	1:15,840

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

PU	Acres	PU	Acres
1)	14.4	4)	6.1
2)	17.9	5)	24
3)	5.4	6)	11.6

PVT Access Maple**Compartment 11****104.2 Acres**