



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6630

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on January 6, 2020.

LOCATION: SAULT STE MARIE MGMT UNIT, P.O. BOX 798, 2001 ASHMUN, SAULT STE MARIE, MI 49783.

CONTACT NAME: Jeff Wise

PHONE NUMBER: (906) 635-5281

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:

Quarry Mix (45-009-19) / T42N, R01E, SEC. 14, NESW, S1/2SW, W1/2SE.

T42N, R01E, SEC. 15, S1/2SW.

T42N, R01E, SEC. 16, SESE.

T42N, R01E, SEC. 22, N1/2NW, W1/2NE, E1/2SW, W1/2SE.

T42N, R01E, SEC. 23, NWNE, S1/2NE.

Mackinac County, Advertised Price \$37,990.00, 162.7 Acres, Aspen, Spruce/Fir/ Tamarack.

SALE NOTE: It is the responsibility of the Purchaser to obtain permission to cross Carmeuse property in order to access this timber sale. Permission should also include the DNR to have the ability to administer the sale.

Access may be through private land.

TIMBER SALE INFORMATION

Quarry Mix (45-009-19)

T42N, R01E, SEC. 14; T42N, R01E, SEC. 15; T42N, R01E, SEC. 16; T42N, R01E, SEC. 22; T42N, R01E, SEC. 23.
Mackinac County (Advertised Price \$37,990.00)

SALE NOTE: It is the responsibility of the Purchaser to obtain permission to cross Carmeuse property in order to access this timber sale. Permission should also include the DNR to have the ability to administer the sale.

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.

Bids must be at or above the following advertised price for each species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	10.70 MBF	\$ 102.00 / MBF
Sugar Maple	24.80 MBF	\$ 401.00 / MBF
Pulpwood		
Balsam Fir	283.00 Cords	\$ 7.60 / Cord
Mixed Aspen	1,196.00 Cords	\$ 14.05 / Cord
Mixed Hardwood	207.00 Cords	\$ 13.75 / Cord
Paper Birch	185.00 Cords	\$ 9.15 / Cord
White Spruce	237.00 Cords	\$ 14.60 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,899.50 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 06/30/2023.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	10.0	Cords	6.5	\$1,051.45
	Mixed Aspen		34.0	Cords		
	Mixed Hardwood		6.0	Cords		
	Paper Birch		39.0	Cords		
	White Spruce		4.0	Cords		
2	Balsam Fir	Pulpwood	88.0	Cords	38.3	\$10,378.30
	Mixed Aspen		589.0	Cords		
	Mixed Hardwood		34.0	Cords		
	Paper Birch		45.0	Cords		
	White Spruce		38.0	Cords		
3	Balsam Fir	Pulpwood	33.0	Cords	19.9	\$3,285.75
	Mixed Aspen		168.0	Cords		
	Paper Birch		45.0	Cords		
	White Spruce		18.0	Cords		
4	Balsam Fir	Pulpwood	46.0	Cords	13.7	\$2,770.70
	Mixed Aspen		121.0	Cords		
	Mixed Hardwood		3.0	Cords		
	Paper Birch		36.0	Cords		
	White Spruce		24.0	Cords		
5	Balsam Fir	Pulpwood	65.0	Cords	15.6	\$3,411.45
	Mixed Aspen		134.0	Cords		
	Mixed Hardwood		7.0	Cords		
	Paper Birch		18.0	Cords		
	White Spruce		53.0	Cords		
6	Balsam Fir	Pulpwood	41.0	Cords	26.0	\$3,897.40
	Mixed Aspen		150.0	Cords		
	Paper Birch		2.0	Cords		
	White Spruce		100.0	Cords		
7	Basswood	Sawtimber	10.7	MBF	42.7	\$13,194.95
	Sugar Maple		24.8	MBF		
	Mixed Hardwood	Pulpwood	157.0	Cords		
TOTAL:			35.5	MBF		
TOTAL:			2,108.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Quarry Mix

Sale Number: 45-009-19 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

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. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-6, cut all trees that are two (2) inches or more at DBH, except do not cut cedar, hemlock, pine, oak or yellow birch.

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

Within Payment Unit(s) 7, all trees are designated for cutting when marked with a slash of orange paint above and below stump height, regardless of merchantability.

In addition, there was a windstorm in this unit and trees that blew over were marked with an orange 'X'. If the Purchaser chooses to utilize these trees, they may process and deck them separate to be scaled by the sale administrator. If a species is not specified in this contract, it shall be paid for at the average price received for that species and product. It is not required to process these trees to complete the unit.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible within Payment Unit 7, unless approved by the Unit Manager or his/her representative.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-7 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 Supplement. There will be only one division per Payment Unit.

4 - Transportation

4.1 - Construction

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. 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. 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. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

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. This permission should include access for the DNR to administer the timber sale.

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.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-7, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 1 to March 31. This restriction is because the sale is located within the deer wintering range.

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 (1) pile of tops and slash on the ground for every two acres, except in Payment Unit 7. Piles will be 12 feet in diameter and 6 feet high. They should be scattered throughout the sale or positioned per the sale administrators instructions.

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed. Exception: All dead trees within 50 feet of any road or utility line within the sale boundary, and any trees marked with an orange 'X' within Payment Unit 7.

5.2.17 - Timber Mats and Interlocking Composite Mats (3/18)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Supplement 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. 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 \$400.00 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.

5.2.32 - 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.

5.4.2 - 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.

5.8.7 - Protection of walking fern habitat (9/08)

If walking fern is discovered on boulders within the sale area, operations in that immediate area should be suspended and the Unit Manager contacted. The contract may be amended to protect these sites. An area surrounding the boulders could be designated as a "no-cut" zone with appropriate adjustments made to the State Forest Timber Sale Contract.

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 Quarry Road and Patrick Trail 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 windthrow and spruce budworm. 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.

Forest Management Unit: Sault Ste Marie		County: Mackinac	Mapped By: Brinks, Wise	Date: 9/27/2019	Page of 1 1
Township: T42N	Range: R01E	Section(s) and Subdivision(s): See Below		Scale: 1:15840 4" = 1 mile	

Cover Type		Density	
A = Aspen	H = Hemlock	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	1 = Seeding Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Mixed	2 = Seeding Sapling Medium	7 = Saw Timber Poor
D = Tread Bog	LM = Lowland Mixed	3 = Seeding Sapling Well	8 = Saw Timber Medium
E = Swamp Hardwoods	M = Mtl. Birch	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer		
G = Grass	MD = Mixed Deciduous		
	N = Marsh		
	O = Oak		
	P = Lowland Poplar		
	Q = Mixed Swamp Conifer		
	R = Red Pine		
	S = Black Spruce		
	T = Tamarack		
	U = Upland Bush		
	UM = Upland Mixed		
	V = Bog or Marsh		
	W = White Pine		
	X = Non Stocked		
	Z = Water		

Sale Number 45-009-19	Year 2019
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Sec 14- E1/2SW, SWSW, W1/2SE
Sec 15- S1/2SW
Sec 16- SESE
Sec 22- N1/2NW, NWNE, E1/2SW, W1/2SE
Sec 23- W1/2NE, SENE

