



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7434**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on July 18, 2024.

LOCATION: NEWBERRY MGMT UNIT, PO BOX 428, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.

CONTACT NAME: Keith Magnusson

PHONE NUMBER: (906) 291-0120

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

Witness Protection White Pine (42-022-23) / T48N, R10W, SEC. 31, NESW,N1/2SE.

Luce County, Advertised Price \$7,458.65, 28.4 Acres, Spruce/Fir/Tamarack, White Pine.

SALE NOTE: Note that Payment Unit 3 is optional to harvest due to potential access issues. Removing this Payment Unit is a contract modification which requires a Timber Sale Contract Amendment.

The county must be contacted prior to constructing any access roads leading from the county road R-O-W. This applies to Payment Unit 3 and County Road 407.

Permission for access across private land is the responsibility of the Purchaser.

Within Payment Unit(s) 1 - 3, harvesting is limited to periods of frozen conditions, typically from January to April, unless specified by sale administrators due to sensitive and wet soil conditions and/or the operability and creation of "ice roads" for the use of timber removal.

Access may be through private or other public land.

TIMBER SALE INFORMATION

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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		
N. White Cedar	5.6 MBF	\$ 21.00 / MBF
Red Maple	1.1 MBF	\$ 66.00 / MBF
Pulpwood		
Balsam Fir	16 Cords	\$ 11.05 / Cord
Black Spruce	138 Cords	\$ 6.35 / Cord
Jack Pine	1 Cords	\$ 33.60 / Cord
Mixed Aspen	25 Cords	\$ 26.95 / Cord
N. White Cedar	51 Cords	\$ 3.10 / Cord
Paper Birch	10 Cords	\$ 3.85 / Cord
Red Maple	45 Cords	\$ 12.80 / Cord
Red Pine	10 Cords	\$ 67.55 / Cord
Tamarack	13 Cords	\$ 8.55 / Cord
White Pine	195 Cords	\$ 20.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 43.93 percent. There are an estimated 518 cords on this timber sale, plus or minus 228 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 \$372.93 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	27.2%
02	59.2%
03	13.6%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

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
40,960	518	43.93%	291	746

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
103	6,579	83	52.92%	39	127
105	34,381	435	27.14%	317	553
TOTAL:	40,960	518		356	681

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
103	4.5	3	4.5
105	23.9	1	7.6
		2	16.3
TOTAL:	28.4		28.4

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	N. White Cedar	Sawtimber	1.8	MBF	7.6	\$2,030.95
	Red Maple		0.4	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Black Spruce		27	Cords		
	Mixed Aspen		1	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	N. White Cedar		16	Cords		
	Paper Birch		3	Cords		
	Red Maple		14	Cords		
	Red Pine		3	Cords		
	Tamarack		3	Cords		
	White Pine		62	Cords		
	2	N. White Cedar	Sawtimber	3.8		
Red Maple			0.7	MBF		
Balsam Fir		Pulpwood	8	Cords		
Black Spruce			59	Cords		
Mixed Aspen			3	Cords		
<i>B. T. Aspen</i>			3	<i>Cords</i>		
N. White Cedar			35	Cords		
Paper Birch			7	Cords		
Red Maple			31	Cords		
Red Pine			7	Cords		
Tamarack			5	Cords		
White Pine			133	Cords		
3		Balsam Fir	Pulpwood	4	Cords	4.5
	Black Spruce		52	Cords		
	Jack Pine		1	Cords		
	Mixed Aspen		21	Cords		
	<i>Quaking Aspen</i>		21	<i>Cords</i>		
	Tamarack		5	Cords		
TOTAL:			6.7	MBF		
TOTAL:			504	Cords		

Sale Specific Conditions & Requirements

Sale Name: Witness Protection White Pine

Sale Number: 42-022-23 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, or are unpainted and identified by a road. 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 boundary between Payment Units 1 & 2, which are unmarked and designated by a road. 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

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

Within Payment Unit(s) 3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut white pine.

2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) 1 & 2, 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, or any hemlock.

2.1.11 - Description of timber note (2/04)

Note that Payment Unit 3 is optional to harvest due to potential access issues. Removing any or all of these Payment Units is a contract modification which requires a Timber Sale Contract Amendment.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 2, 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.

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.

4.1.4 - Timber removed for construction (3/23)

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 contract prices or average prices, if not on the contract.

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. 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.

4.3 - Public Right-of-Way

4.3.2 - County R-O-W (12/06)

The county must be contacted prior to constructing any access roads leading from the county road R-O-W. This applies to Payment Unit 3 and County Road 407.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser.

4.4.2 - Alternate route on private property (2/04)

It is the Purchaser's responsibility to obtain access across private land for any routes other than the route shown on the Timber Sale Map.

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) 1-3, unless changed by written agreement, cutting, skidding, and hauling are limited to periods of frozen conditions, (approximately January to April) unless specified by Sale Administrator. This restriction is due to sensitive and wet soil conditions and/or the operability and creation of "ice roads" for the use of timber removal.

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 are 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.

5.4.5 - Soil caution (11/04)

Care must be taken to minimize soil damage due to the lowland soil types.

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.

7 - Other Conditions

7.2 - Extensions

7.2.5 - Weather related extension (1/13)

If weather conditions during the operating period of this contract prevent harvesting, this sale may qualify for a weather related extension. If approved, the normal extension fee would be waived. To qualify, there must be a documented attempt each year to harvest in the difficult portion of the sale.



TIMBER SALE MAP

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

Sale Number
42-022-23

Date
10/06/2023

Forest Management Unit
Newberry Mgt Unit

County
Luce

Mapped By: L. Livermore
Cruised By: Ciaramitaro, L. Livermore

Scale
1:15,840

Page
1

Of
1

Township
48N

Range
10W

Section(s) and
Subdivision(s)
Sec. 31 NESW,N1/2SE;

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

Witness Protection White Pine
Acres: **28.4** Compartment: **42022**

PU #	Acres
1	7.6
2	16.3
3	4.5

QR Code



Legend

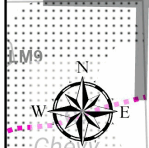
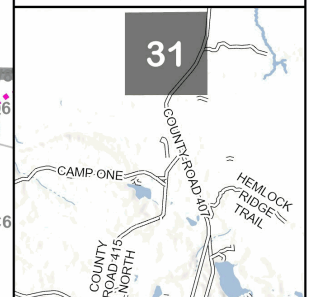
- Against State (Red)
- Payment Unit (Yellow)
- Private Boundary (Blue)
- Survey Grade Corner
- MIRIS Section Corner
- State Forest Stand
- Counties
- Culvert
- Nearby Sale
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Private Road
- Temporary Management Access
- Sections Numbers

The Payment Unit boundary between Payment Units 1 & 2 is unpainted and designated by the road.

Proposed Access into PU1&2 through Private w/ Permission or Ice Road through Unit 3.

Approximately 0.8 miles south to Wolf Inn Restaurant on CR407 from PU3.

Locator Map (1:200,000)



0 0.25 0.5 0.75 Miles