



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7414**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on April 4, 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:

Ship Jumper Hardwoods (42-001-23) / T44N, R11W, SEC. 2 , N1/2NW,NWNE.

T45N, R11W, SEC. 35, NENW,S1/2NW,W1/2NE,SW,SE.

Luce County, Advertised Price \$49,869.85, 154.4 Acres, Aspen, Hardwood.

SALE NOTE: Road work is required on this sale. See Sale Spec 4.1.8.

No new roads will be permitted on this sale. See Sale Spec 4.1.12 for details.

Within Payment Unit 1, harvesting is limited to the period of December 1 to April 1 because of low ground and wet soils in the Sale Area.

Within Payment Unit(s) 2-7, harvesting is not permitted during the period of April 15 to July 15 because of bark slippage.

An ORV trail or route is shown on the Timber Sale Map. See Sale Spec 5.2.39 for additional information/restrictions.

Trail 468 is a snowmobile trail and is shown on the Timber Sale Map. See Sale Spec 5.2.41 for additional information/restrictions.

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

Ship Jumper Hardwoods (42-001-23)
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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		
Red Maple	28.8 MBF	\$ 77.00 / MBF
Sugar Maple	80.5 MBF	\$ 320.00 / MBF
Pulpwood		
Balsam Fir	126 Cords	\$ 11.65 / Cord
Basswood	25 Cords	\$ 7.95 / Cord
Black Spruce	61 Cords	\$ 7.40 / Cord
Mixed Hardwood	878 Cords	\$ 12.30 / Cord
N. White Cedar	39 Cords	\$ 4.50 / Cord
Paper Birch	18 Cords	\$ 4.15 / Cord
Quaking Aspen	333 Cords	\$ 26.20 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 22.47 percent. There are an estimated 1,741 cords on this timber sale, plus or minus 391 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 \$2,493.49 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	26.6%
02	10.1%
03	13.8%
04	13.7%
05	8.8%
06	20.8%
07	6.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2027.

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
137,519	1,741	22.47%	1,349	2,132

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
46	55,752	706	23.34%	541	870
47	27,819	352	39.64%	213	492
61	53,948	683	14.10%	587	779
TOTAL:	137,519	1,741		1,340	2,141

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
46	15.8	1	15.8
47	46.2	2	19.5
		3	26.7
61	92.4	4	25.6
		5	16.4
		6	38.8
		7	11.6
TOTAL:	154.4		154.4

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	16.7	MBF	15.8	\$13,177.30
	Balsam Fir	Pulpwood	104	Cords		
	Black Spruce		61	Cords		
	Mixed Hardwood		136	Cords		
	<i>Black Cherry</i>		13	<i>Cords</i>		
	<i>Red Maple</i>		103	<i>Cords</i>		
	<i>Sugar Maple</i>		20	<i>Cords</i>		
	N. White Cedar		39	Cords		
	Paper Birch		18	Cords		
	Quaking Aspen		317	Cords		
2	Red Maple	Sawtimber	1.5	MBF	19.5	\$5,052.75
	Sugar Maple		10.3	MBF		
	Balsam Fir	Pulpwood	9	Cords		
	Mixed Hardwood		110	Cords		
	<i>Beech</i>		5	<i>Cords</i>		
	<i>Black Cherry</i>		19	<i>Cords</i>		
	<i>Ironwood</i>		8	<i>Cords</i>		
	<i>Red Maple</i>		7	<i>Cords</i>		
	<i>Sugar Maple</i>		71	<i>Cords</i>		
	Quaking Aspen		7	Cords		
3	Red Maple	Sawtimber	2.0	MBF	26.7	\$6,885.95
	Sugar Maple		14.1	MBF		
	Balsam Fir	Pulpwood	13	Cords		
	Mixed Hardwood		149	Cords		
	<i>Beech</i>		7	<i>Cords</i>		
	<i>Black Cherry</i>		26	<i>Cords</i>		
	<i>Ironwood</i>		10	<i>Cords</i>		
	<i>Red Maple</i>		9	<i>Cords</i>		
	<i>Sugar Maple</i>		97	<i>Cords</i>		
	Quaking Aspen		9	Cords		
4	Red Maple	Sawtimber	2.4	MBF	25.6	\$6,848.65
	Sugar Maple		15.5	MBF		
	Basswood	Pulpwood	7	Cords		
	<i>Basswood</i>	<i>Sawtimber</i>	1.7	<i>MBF</i>		
	<i>Basswood</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
	Mixed Hardwood		134	Cords		
	<i>Black Cherry</i>	<i>Sawtimber</i>	2.6	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	6	<i>Cords</i>		
	<i>Black Cherry</i>		12	<i>Cords</i>		
	<i>Ironwood</i>		11	<i>Cords</i>		
	<i>Red Maple</i>		19	<i>Cords</i>		
	<i>Sugar Maple</i>		81	<i>Cords</i>		
5	Red Maple	Sawtimber	1.5	MBF	16.4	\$4,405.10
	Sugar Maple		10.0	MBF		
	Basswood	Pulpwood	4	Cords		
	<i>Basswood</i>	<i>Sawtimber</i>	1.1	<i>MBF</i>		
	<i>Basswood</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	Mixed Hardwood		86	Cords		
	<i>Black Cherry</i>	<i>Sawtimber</i>	1.7	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
	<i>Black Cherry</i>		8	<i>Cords</i>		
	<i>Ironwood</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		12	<i>Cords</i>		
	<i>Sugar Maple</i>		52	<i>Cords</i>		
6	Red Maple	Sawtimber	3.6	MBF	38.8	\$10,393.30

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Sugar Maple	Sawtimber	23.6	MBF		
	Basswood	Pulpwood	10	Cords		
	Basswood	Sawtimber	2.6	MBF		
	Basswood	Pulpwood	5	Cords		
	Mixed Hardwood		202	Cords		
	Black Cherry	Sawtimber	4.0	MBF		
	Beech	Pulpwood	10	Cords		
	Black Cherry		18	Cords		
	Ironwood		15	Cords		
	Red Maple		28	Cords		
	Sugar Maple		123	Cords		
7	Red Maple	Sawtimber	1.1	MBF	11.6	\$3,094.50
	Sugar Maple		7.0	MBF		
	Basswood	Pulpwood	4	Cords		
	Basswood	Sawtimber	0.8	MBF		
	Basswood	Pulpwood	2	Cords		
	Mixed Hardwood		60	Cords		
	Black Cherry	Sawtimber	1.2	MBF		
	Beech	Pulpwood	3	Cords		
	Black Cherry		5	Cords		
	Ironwood		5	Cords		
	Red Maple		8	Cords		
	Sugar Maple		37	Cords		
	TOTAL:			109.3		
TOTAL:			1,479	Cords		

Sale Specific Conditions & Requirements

Sale Name: Ship Jumper Hardwoods

Sale Number: 42-001-23 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 red and yellow 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. 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) 1, cut all trees which meet minimum piece specifications in 2.2 Utilization.

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

Within Payment Unit(s) 2-7, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Units 4-7, cut all aspen and ironwood.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 2-7, 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 Amendment. There will be only one division per Payment Unit.

4 - Transportation

4.1 - Construction

4.1.8 - Road work (1) (8/07)

The following road work is required: if the road leading north from Payment Unit 2 towards County Road 468 is used, the Purchaser shall level and shape a bad section of road directly north of the Payment Unit 2. In addition, the Purchaser shall haul in 20 cubic yards of pit run, then capped with 20 cubic yards of 23A gravel to repair the bad section. Contact the Sale Administrator for specific details.

4.1.12 - No new roads (1/12)

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

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 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

5.2 - 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, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 1 to April 1. This restriction is because of low ground and wet soils in the Sale Area.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2-7, 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.

5.2.38 - 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)

An ORV trail or route 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.

5.2.41 - Snowmobile trail protection (9/11)

Trail 468 is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail.

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 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.

5.8 - 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 468 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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail 468 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the ORV 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

42-001-23

Date

05/31/2023

Forest Management Unit

Newberry Mgt Unit

County

Luce

Mapped By: L. Livermore

Cruised By: Newberry Unit Staff

Scale

1:15,840

Page

1

Of

1

Township

44N / 45N

Range

11W

Section(s) and

Subdivision(s)

Sec. 2 N1/2NW,NWNE; Sec. 35 NENW,S1/2NW,W1/2NE,SW,SE;

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

Ship Jumper HardwoodsAcres: **154.4** Compartment: **42108**

COUNTY ROAD 468

Defector
HardwoodsDefector
HardwoodsSayonara
Hardwoods**PU # Acres**

1	15.8
2	19.5
3	26.7
4	25.6
5	16.4
6	38.8
7	11.6

QR Code

**Legend**

- Against State
- Payment Unit
- Recreational Trail
- ◆ Survey Grade Corner
- ▲ Berm
- MIRIS Section Corner
- Lakes and Rivers
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private Road
- Temporary Management Access
- Stand
- Counties
- Nearby Sale
- Culvert
- Motorcycle Trails
- Snowmobile Trails

Locator Map