



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #7467

REVISION NOTICE #1 - June 21, 2024

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on Wednesday, July 10, 2024

LOCATION: Shingleton Mgmt Unit, PO Box 67, M 28 West, Shingleton, MI 49884

This prospectus has been modified with the following changes:

GNA2 Cache (41-801-24) has been withdrawn from this Prospectus. Payment Units 14 and 15 have received substantial damage from recent storms. Therefore, the sale is being overhauled to account for this damage and to salvage the areas of blowdown.

The sale will be re-advertised soon.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Robert Burnham at 906-420-1645 ext. n/a.



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SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on July 10, 2024.

LOCATION: SHINGLETON MGMT UNIT, PO BOX 67, M 28 WEST, SHINGLETON, MI 49884.

CONTACT NAME: Robert Burnham

PHONE NUMBER: (906) 420-1645

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

Ecklund Experience (41-004-24) / T46N, R15W, SEC. 15, SWSW.

T46N, R15W, SEC. 21, NENE.

T46N, R15W, SEC. 22, N1/2NW, NENE.

T46N, R15W, SEC. 23, N1/2NW.

Schoolcraft County, Advertised Price \$59,910.85, 110.0 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Hauling may be restricted on the Walsh Grade by the Unit Manager or his/her representative. The restriction may occur during spring break up (see spec 4.2.1).

Access may be through private land.

TIMBER SALE INFORMATION

Ecklund Experience (41-004-24)

T46N, R15W, SEC. 15; T46N, R15W, SEC. 21; T46N, R15W, SEC. 22; T46N, R15W, SEC. 23.

Schoolcraft County (Advertised Price \$59,910.85)

SALE NOTE: Hauling may be restricted on the Walsh Grade by the Unit Manager or his/her representative. The restriction may occur during spring break up (see spec 4.2.1).

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		
Black Cherry	12.4 MBF	\$ 101.00 / MBF
Red Maple	97.9 MBF	\$ 101.00 / MBF
Pulpwood		
Balsam Fir	189 Cords	\$ 9.80 / Cord
Mixed Hardwood	2,192 Cords	\$ 21.40 / Cord
Paper Birch	1 Cords	\$ 9.55 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 16.56 percent. There are an estimated 2,638 cords on this timber sale, plus or minus 437 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 \$2,995.54 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	8.3%
02	23.6%
03	16.8%
04	13.9%
05	30.9%
06	6.5%
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
208,428	2,638	16.56%	2,201	3,075

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
1	94,598	1,197	15.52%	1,012	1,383
2	100,106	1,267	17.19%	1,049	1,485
3	13,724	174	45.24%	95	252
TOTAL:	208,428	2,638		2,156	3,121

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	38.8	4	12.0
		5	26.8
2	61.4	1	10.5
		2	29.7
		3	21.2
3	9.8	6	9.8
TOTAL:	110.0		110.0

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	1.1	MBF	10.5	\$4,959.60
	Red Maple		9.7	MBF		
	Balsam Fir	Pulpwood	17	Cords		
	Mixed Hardwood		173	Cords		
	<i>Beech</i>		8	<i>Cords</i>		
	<i>Black Cherry</i>		17	<i>Cords</i>		
	<i>Red Maple</i>		144	<i>Cords</i>		
	<i>Sugar Maple</i>		4	<i>Cords</i>		
2	Black Cherry	Sawtimber	3.2	MBF	29.7	\$14,120.45
	Red Maple		27.3	MBF		
	Balsam Fir	Pulpwood	49	Cords		
	Mixed Hardwood		493	Cords		
	<i>Beech</i>		24	<i>Cords</i>		
	<i>Black Cherry</i>		49	<i>Cords</i>		
	<i>Red Maple</i>		408	<i>Cords</i>		
	<i>Sugar Maple</i>		12	<i>Cords</i>		
	Paper Birch		1	Cords		
	3	Black Cherry	Sawtimber	2.2		
Red Maple			19.5	MBF		
Balsam Fir		Pulpwood	35	Cords		
Mixed Hardwood			352	Cords		
<i>Beech</i>			17	<i>Cords</i>		
<i>Black Cherry</i>			35	<i>Cords</i>		
<i>Red Maple</i>			291	<i>Cords</i>		
<i>Sugar Maple</i>			9	<i>Cords</i>		
4	Black Cherry	Sawtimber	1.2	MBF	12.0	\$8,323.40
	Red Maple		11.6	MBF		
	Balsam Fir	Pulpwood	23	Cords		
	Mixed Hardwood		318	Cords		
	<i>Beech</i>		4	<i>Cords</i>		
	<i>Black Cherry</i>		17	<i>Cords</i>		
<i>Red Maple</i>		297	<i>Cords</i>			
5	Black Cherry	Sawtimber	2.6	MBF	26.8	\$18,531.00
	Red Maple		25.8	MBF		
	Balsam Fir	Pulpwood	50	Cords		
	Mixed Hardwood		709	Cords		
	<i>Beech</i>		9	<i>Cords</i>		
	<i>Black Cherry</i>		37	<i>Cords</i>		
<i>Red Maple</i>		663	<i>Cords</i>			
6	Black Cherry	Sawtimber	2.1	MBF	9.8	\$3,908.90
	Red Maple		4.0	MBF		
	Balsam Fir	Pulpwood	15	Cords		
	Mixed Hardwood		147	Cords		
	<i>Beech</i>		3	<i>Cords</i>		
	<i>Black Cherry</i>		81	<i>Cords</i>		
	<i>Red Maple</i>		57	<i>Cords</i>		
	<i>Sugar Maple</i>		6	<i>Cords</i>		
TOTAL:			110.3	MBF		
TOTAL:			2,382	Cords		

Sale Specific Conditions & Requirements

Sale Name: Ecklund Experience

Sale Number: 41-004-24 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. The painted boundary line trees are not Included Timber.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 6, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut hemlock, oak, white pine and yellow birch.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 1-5, cut all trees that meet minimum piece specifications, except do not cut hemlock, yellow birch, cedar, white pine and trees marked with green paint above and below stump height.

2.2 - Utilization

2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. In addition, brush or chips may not be stored or stockpiled on-site for more than 30 days.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) exceeding \$15,000 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.

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are hemlock and oak. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated 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 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. 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

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on the Walsh Grade by the Unit Manager or his/her representative. The restriction may occur during spring breakup.

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.

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.

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.

5.2.32 - 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.

5.8 - Protection of Endangered Species

5.8.3 - Red shoulder hawk or goshawk (1) (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

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 the Ecklund Road 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.



TIMBER SALE MAP

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

Sale Number
41-004-24

Date
10/11/2023

Forest Management Unit
Shingleton Mgt Unit

County
Schoolcraft

Mapped By: S. Fischer
Cruised By: S. Fischer, G. Wilson

Scale
1:15,840

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Of
1

Township 46N Range 15W Section(s) and Subdivision(s) Sec. 15 SWSW; Sec. 21 NENE; Sec. 22 N1/2NW,NENE; Sec. 23 N1/2NW;

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

PU #	Acres	PU #	Acres
1	10.5	4	12
2	29.7	5	26.8
3	21.2	6	9.8

Ecklund Experience

110.0 Acres

Locator Map (1:200,000)

