



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7541**

SCHEDULED SALE DATE AND TIME: 12:00 p.m. (local time) on February 12, 2025.

LOCATION: ESCANABA MGMT UNIT, 6833 HWY'S 2, 41 & M-35, GLADSTONE, MI 49837.

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

Tower Hardwood (33-027-24) / T36N, R25W, SEC. 17, S1/2SW.

T36N, R25W, SEC. 20, N1/2NW,SWNW,N1/2SW,SWSW.

Menominee County, Advertised Price \$19,176.30, 95.1 Acres, Hardwood, Spruce/Fir/Tamarack.

Spiked Steel Dam (33-029-24) / T36N, R25W, SEC. 17, SWSE.

T36N, R25W, SEC. 20, NE,NESW,N1/2SE,SESE.

T36N, R25W, SEC. 21, W1/2NW,NWSW,S1/2SW.

T36N, R25W, SEC. 28, NWNW.

Menominee County, Advertised Price \$41,197.65, 137.2 Acres, Hardwood, Spruce/Fir/Tamarack.

Big Cedar Hardwood (33-030-24) / T36N, R25W, SEC. 21, NW,W1/2NE,N1/2SW,SESW,NWSE.

T36N, R25W, SEC. 21, S1/2SE.

T36N, R25W, SEC. 28, NWNE.

Menominee County, Advertised Price \$18,116.15, 89.6 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: The Forest Island ORV Trail runs along the western edge of Payment Unit 2, the trail must be protected, per Sale Condition 5.2.39 ORV trail protection.

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.

Horsing Around (33-033-24) / T36N, R25W, SEC. 16, S1/2SE.

T36N, R25W, SEC. 21, NE,N1/2SE.

T36N, R25W, SEC. 22, W1/2NW,NWSW.

Menominee County, Advertised Price \$54,695.40, 96.6 Acres, Hardwood, Aspen.

SALE NOTE: The Cedar River Pathway runs through the timber sale and will need to be protected. The Purchaser is responsible for purchasing and installing a culvert and spreading gravel, see Spec 4.1.8 Road work for more information.

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.

BID INSTRUCTIONS (VER. 10/10/2022):

1. Scheduled Bid Location, Date, and Time (2/11)

Bids must be received by the Unit Manager, ESCANABA OFFICE, 6833 Hwy's 2, 41 & M-35, Gladstone, MI 49837, no later than 12:00 p.m. (local time) on February 12, 2025. For further information concerning this sale, contact Daniel Racine at 906-789-8231.

2. Bidder's Qualifications (10/22)

If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale. A person must be 18 years of age or older to purchase timber. Permanent employees of the Department of Natural Resources or members of their immediate household may not bid. Former employees, in the permanent or seasonal class, may not bid until 3 months after the last day of active duty. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding or by completing the hardcopy Bid Form found in the Timber Sale Prospectus. Hardcopy Bid Forms shall be manually signed in ink. Registration in OLB is considered your 'signature' for all bids submitted thru that system. Bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding and all fill-in blanks must be completed. If erasures or other changes appear on the hardcopy Bid Form, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (5/16)

Bid forms may be obtained from the Unit Manager or thru OLB. Bids may be submitted hardcopy or thru OLB. All hardcopy bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening, as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

It is possible for a bidder to submit multiple bids on a single sale. For example, a bid may be submitted hardcopy and a bid may be submitted thru OLB. Or, two bidders from the same company could both submit bids on the same sale. If this were to happen, the State would accept all bids received and award the contract accordingly. All bidding and contractual requirements would apply to all bids received.

5. Public Opening of Sealed Bids (7/16)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes or announce the withdrawal of their online bid after being declared the successful bidder on one sale.

6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and

Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

9. Worker's Compensation (10/22)

Purchaser shall obtain worker's compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. Verification of Worker's Disability Compensation Act Compliance must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if applicable, Notice of Exclusion or Certificate of Insurance must also be submitted.

10. Timber Sale Contract (10/22)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 3 months after the first offense, 6 months after the second offense, and 1 year after the third offense. An offense will only be counted against the Bidder for 5 years. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

Payment Unit values in the State Forest Timber Sale Contract are calculated based on the advertised value of the Payment Unit as a percentage of the total advertised value of the contract. The advertised value of each Payment Unit is given in the Description of Timber by Payment Unit table on the Timber Sale Information page. For example, if the value of Payment Unit 1 is advertised as \$1,500 and the total Timber Sale value is advertised as \$10,000, the contract price for Payment Unit 1 will be 15% of the total bid price ($\$1,500/\$10,000 * 100$).

11. Disclaimer of Estimates and Bidder's Warranty of Inspection (10/22)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery. No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

12. Certification and Chain-of-Custody (10/22)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate #NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

13. Good Neighbor Authority (GNA) Requirements (10/22)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In

addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

14. Good Neighbor Authority (GNA) Requirements, con't (10/22)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

Scott Bowen
Director

TIMBER SALE INFORMATION

Tower Hardwood (33-027-24)
 T36N, R25W, SEC. 17; T36N, R25W, SEC. 20.
 Menominee County (Advertised Price \$19,176.30)

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	24.1 MBF	\$ 69.00 / MBF
Beech	0.6 MBF	\$ 129.00 / MBF
Red Maple	3.4 MBF	\$ 114.00 / MBF
Sugar Maple	27.0 MBF	\$ 200.00 / MBF
Yellow Birch	2.9 MBF	\$ 20.00 / MBF
Pulpwood		
Balsam Fir	159 Cords	\$ 7.65 / Cord
Mixed Hardwood	515 Cords	\$ 16.20 / Cord
Quaking Aspen	65 Cords	\$ 26.05 / Cord
Tamarack	12 Cords	\$ 10.30 / Cord
White Spruce	17 Cords	\$ 12.60 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.76 percent. There are an estimated 908 cords on this timber sale, plus or minus 125 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 \$959.00 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	23.4%
02	2.3%
03	18.9%
04	26.6%
05	14.7%
06	11.2%
07	2.9%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 09/30/2027.

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
71,721	908	13.76%	783	1,033

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
3	10,186	129	35.40%	83	175
5	13,646	173	29.38%	122	223
8	2,379	30	75.22%	7	53
9	19,553	248	27.56%	179	316
12	12,427	157	37.28%	99	216
15	3,549	45	59.03%	18	71
17	9,982	126	40.60%	75	178
TOTAL:	71,721	908		584	1,232

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
3	15.2	1	15.2
5	19.6	4	19.6
8	2.7	2	2.7
9	18.8	3	18.8
12	19.8	5	19.8
15	6.7	7	6.7
17	12.3	6	12.3
TOTAL:	95.1		95.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	12.0	MBF	15.2	\$4,494.40
	Sugar Maple		12.5	MBF		
	Mixed Hardwood	Pulpwood	72	Cords		
	<i>Basswood</i>		13	<i>Cords</i>		
	<i>Beech</i>		3	<i>Cords</i>		
	<i>Sugar Maple</i>		56	<i>Cords</i>		
2	Balsam Fir	Pulpwood	6	Cords	2.7	\$434.70
	Mixed Hardwood		24	Cords		
	<i>Basswood</i>		2	<i>Cords</i>		
	<i>Beech</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		14	<i>Cords</i>		
	<i>Yellow Birch</i>		4	<i>Cords</i>		
3	Basswood	Sawtimber	2.5	MBF	18.8	\$3,621.20
	Red Maple		3.4	MBF		
	Sugar Maple		0.9	MBF		
	Yellow Birch		2.2	MBF		
	Balsam Fir	Pulpwood	91	Cords		
	Mixed Hardwood		118	Cords		
	<i>Balsam Poplar</i>		32	<i>Cords</i>		
	<i>Basswood</i>		6	<i>Cords</i>		
	<i>Black Ash</i>		34	<i>Cords</i>		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Green Ash</i>		15	<i>Cords</i>		
	<i>Paper Birch</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		10	<i>Cords</i>		
	<i>Sugar Maple</i>		4	<i>Cords</i>		
	<i>White Ash</i>		2	<i>Cords</i>		
	<i>Yellow Birch</i>		9	<i>Cords</i>		
	Quaking Aspen		3	Cords		
White Spruce	12	Cords				
4	Basswood	Sawtimber	5.0	MBF	19.6	\$5,099.55
	Beech		0.6	MBF		
	Sugar Maple		12.8	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood		127	Cords		
	<i>Basswood</i>		3	<i>Cords</i>		
	<i>Beech</i>		37	<i>Cords</i>		
	<i>Ironwood</i>		12	<i>Cords</i>		
	<i>Sugar Maple</i>		71	<i>Cords</i>		
	<i>White Ash</i>		4	<i>Cords</i>		
	Quaking Aspen		2	Cords		
5	Basswood	Sawtimber	4.6	MBF	19.8	\$2,823.55
	Sugar Maple		0.8	MBF		
	Balsam Fir	Pulpwood	29	Cords		
	Mixed Hardwood		79	Cords		
	<i>Basswood</i>		5	<i>Cords</i>		
	<i>Beech</i>		28	<i>Cords</i>		
	<i>Ironwood</i>		13	<i>Cords</i>		
	<i>Sugar Maple</i>		22	<i>Cords</i>		
	<i>White Ash</i>		11	<i>Cords</i>		
	Quaking Aspen		30	Cords		
White Spruce	5	Cords				
6	Yellow Birch	Sawtimber	0.7	MBF	12.3	\$2,142.10
	Balsam Fir	Pulpwood	8	Cords		
	Mixed Hardwood		82	Cords		
	<i>Balsam Poplar</i>		5	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	<i>Basswood</i>	<i>Pulpwood</i>	5	<i>Cords</i>		
	<i>Black Ash</i>		41	<i>Cords</i>		
	<i>Paper Birch</i>		5	<i>Cords</i>		
	<i>Red Maple</i>		19	<i>Cords</i>		
	<i>Yellow Birch</i>		7	<i>Cords</i>		
	Quaking Aspen		24	Cords		
	Tamarack		11	Cords		
7	Balsam Fir	Pulpwood	24	Cords	6.7	\$560.80
	Mixed Hardwood		13	Cords		
	<i>Sugar Maple</i>		13	<i>Cords</i>		
	Quaking Aspen		6	Cords		
	Tamarack		1	Cords		
TOTAL:			58.0	MBF		
TOTAL:			768	Cords		

Sale Specific Conditions & Requirements

Sale Name: Tower Hardwood

Sale Number: 33-027-24 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 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 for.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 3, 6, and 7, cut all trees that are three (3) inches or more at DBH, , with the following exceptions:

Within Payment Unit 3, do not cut cedar, beech, hemlock, or white pine. In addition, do not cut trees marked with green paint.

Within Payment Unit 6, do not cut cedar.

Within Payment Unit 7, do not cut white pine or beech. In addition, do not cut trees marked with green paint.

2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1, 2, 4, and 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

In addition, all aspen, balm, spruce/fir, and ironwood that are three (3) inches or more at DBH, are designated for cutting.

2.1.9 - Harvest Exception (12/08)

Do not cut any cedar trees within Payment Unit 6 other than those that are necessary to remove in order to operate within the sale area. Every effort must be made to preserve the existing cedar and to leave an intact stand upon sale completion. All cut cedar shall be piled separately by products and scaled in the woods unless other scaling arrangements are agreed to by the Unit Manager or his/her representative. Stumpage price for cedar shall be \$35.00 per cord.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) \$18,000 in value or greater 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

4.2 - Maintenance

4.2.1 - Hauling Restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during spring breakup or during other wet weather conditions.

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating Restrictions (9/11)

Within Payment Unit(s) 6, cutting and skidding are limited to the period of December 1 to March 31, unless there is an extended dry or frozen period, and the Sale Administrator allows harvesting during that period of time. This restriction is because of low wet ground throughout the Payment Unit.

5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 1, 2, 4, and 5, 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) 3, cutting and skidding, occur during dry summer or frozen winter conditions. The reason for the recommendation is because of some lower wet ground within parts of the Payment Unit.

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 Westman Dan 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.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating Timber (7/09)

The Sale Area has received damage from the emerald ash borer. The ash is in various states of decline, with some mortality, especially within Payment Unit 6. 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 33-027-24	Date 09/20/2024	
Scale 1:15,840	Page 1	Of 1

Forest Management Unit Escanaba Mgt Unit	County Menominee	Mapped By: Beaudou Cruised By: Salter, Beaudou
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Township 36N	Range 25W	Section(s) and Subdivision(s) Sec. 17 S1/2SW; Sec. 20 N1/2NW,SWNW,N1/2SW,SWSW;
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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		

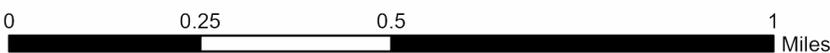
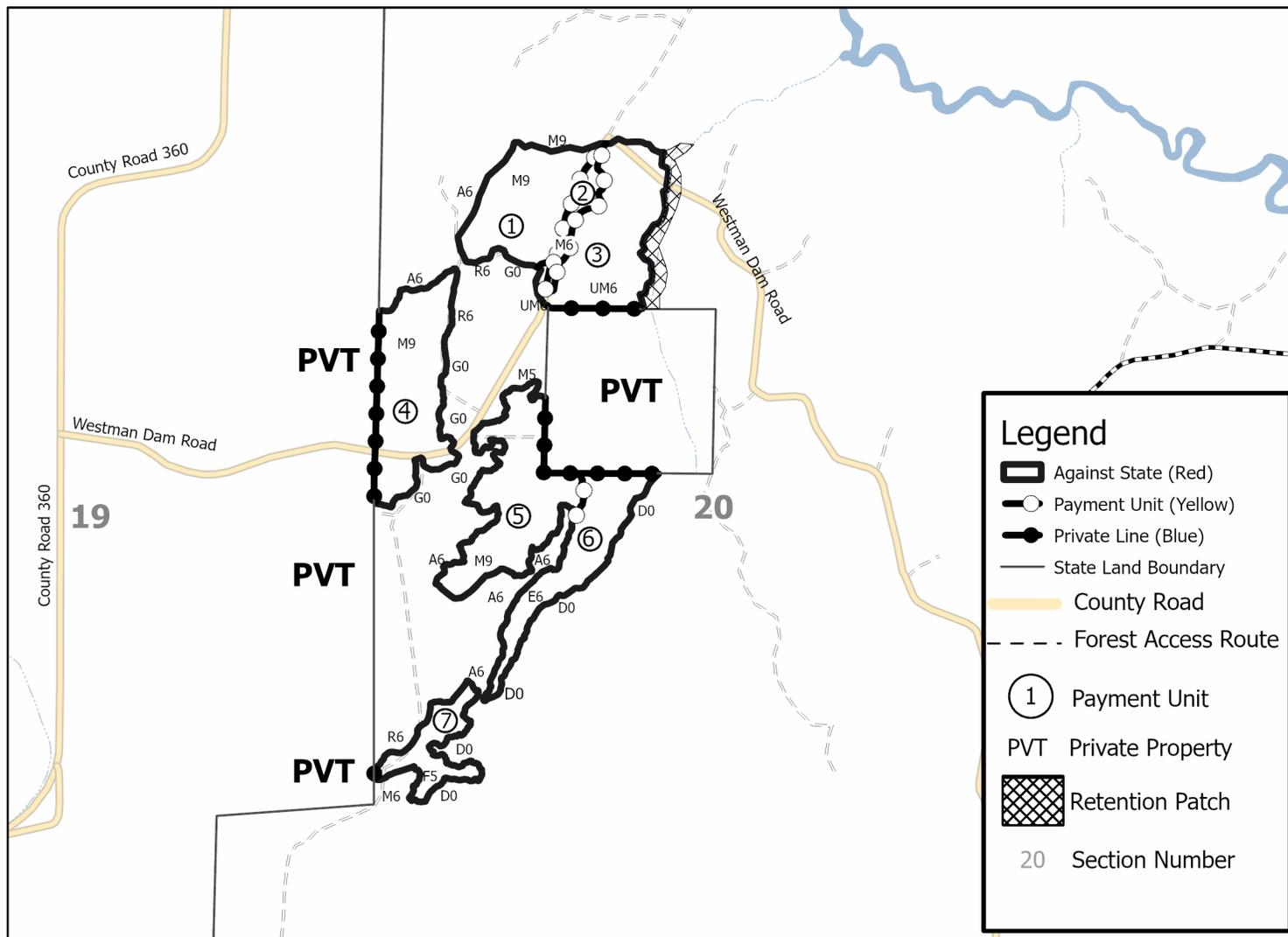
Density	
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU #	Acres	PU #	Acres
1	15.2	5	19.8
2	2.7	6	12.3
3	18.8	7	6.7
4	19.6		



**Tower
Hardwood
Compartment 46
95.1 Acres**

Use QR Code to open Map in App



TIMBER SALE INFORMATION

Spiked Steel Dam (33-029-24)

T36N, R25W, SEC. 17; T36N, R25W, SEC. 20; T36N, R25W, SEC. 21; T36N, R25W, SEC. 28.
Menominee County (Advertised Price \$41,197.65)

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	1.2 MBF	\$ 69.00 / MBF
Paper Birch	1.9 MBF	\$ 99.00 / MBF
Red Maple	72.1 MBF	\$ 114.00 / MBF
Sugar Maple	5.4 MBF	\$ 200.00 / MBF
Pulpwood		
Balsam Fir	195 Cords	\$ 7.65 / Cord
Misc. Species 1	396 Cords	\$ 7.50 / Cord
Mixed Aspen	102 Cords	\$ 26.05 / Cord
Mixed Hardwood	654 Cords	\$ 16.20 / Cord
Mixed Spruce	137 Cords	\$ 12.60 / Cord
N. White Cedar	31 Cords	\$ 5.60 / Cord
Red Pine	140 Cords	\$ 68.95 / Cord
Tamarack	64 Cords	\$ 10.30 / Cord
White Pine	119 Cords	\$ 14.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 10.38 percent. There are an estimated 2,026 cords on this timber sale, plus or minus 210 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 \$2,060.00 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	7.9%
02	10.5%
03	10.0%
04	7.0%
05	1.4%
06	5.6%
07	24.6%
08	15.3%
09	14.5%
10	3.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

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
160,020	2,026	10.38%	1,815	2,236

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
18	3,329	42	83.59%	7	77
24	10,195	129	49.56%	65	193
25	18,460	234	25.24%	175	293
28	11,373	144	38.76%	88	200
33	56,876	720	20.24%	574	866
36	38,414	486	17.77%	400	573
37	7,936	100	41.29%	59	142
39	13,436	170	36.38%	108	232
TOTAL:	160,020	2,026		1,476	2,575

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
18	3.6	5	3.6
24	9.2	6	9.2
25	17.5	7	17.5
28	13.0	1	13.0
33	49.4	2	25.2
33	49.4	3	24.2
36	23.1	8	11.8
36	23.1	9	11.3
37	7.4	10	7.4
39	14.0	4	14.0
TOTAL:	209.7		137.2

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	1.2	MBF	13.0	\$3,251.35
	Red Maple		8.4	MBF		
	Sugar Maple	1.6	MBF			
	Balsam Fir	Pulpwood	11	Cords		
	Mixed Aspen		8	Cords		
	<i>Quaking Aspen</i>		8	<i>Cords</i>		
	Mixed Hardwood		94	Cords		
	<i>Basswood</i>		3	<i>Cords</i>		
	<i>Beech</i>		6	<i>Cords</i>		
	<i>Red Maple</i>		41	<i>Cords</i>		
	<i>Sugar Maple</i>		35	<i>Cords</i>		
	<i>White Ash</i>		9	<i>Cords</i>		
	Mixed Spruce		6	Cords		
	<i>White Spruce</i>	6	<i>Cords</i>			
2	Paper Birch	Sawtimber	0.6	MBF	25.2	\$4,334.60
	Red Maple		4.0	MBF		
	Balsam Fir	Pulpwood	35	Cords		
	Misc. Species 1		191	Cords		
	<i>Black Ash</i>		168	<i>Cords</i>		
	<i>Green Ash</i>		23	<i>Cords</i>		
	Mixed Aspen		7	Cords		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		107	Cords		
	<i>American Elm</i>		4	<i>Cords</i>		
	<i>Balsam Poplar</i>		49	<i>Cords</i>		
	<i>Paper Birch</i>		9	<i>Cords</i>		
	<i>Red Maple</i>		36	<i>Cords</i>		
	<i>Yellow Birch</i>		9	<i>Cords</i>		
	Mixed Spruce		6	Cords		
	<i>Black Spruce</i>		4	<i>Cords</i>		
	<i>White Spruce</i>		2	<i>Cords</i>		
	Tamarack		11	Cords		
White Pine	1	Cords				
3	Paper Birch	Sawtimber	0.5	MBF	24.2	\$4,115.75
	Red Maple		3.8	MBF		
	Balsam Fir	Pulpwood	34	Cords		
	Misc. Species 1		184	Cords		
	<i>Black Ash</i>		161	<i>Cords</i>		
	<i>Green Ash</i>		23	<i>Cords</i>		
	Mixed Aspen		7	Cords		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		100	Cords		
	<i>American Elm</i>		3	<i>Cords</i>		
	<i>Balsam Poplar</i>		47	<i>Cords</i>		
	<i>Paper Birch</i>		8	<i>Cords</i>		
	<i>Red Maple</i>		34	<i>Cords</i>		
	<i>Yellow Birch</i>		8	<i>Cords</i>		
	Mixed Spruce		5	Cords		
	<i>Black Spruce</i>		3	<i>Cords</i>		
	<i>White Spruce</i>		2	<i>Cords</i>		
	Tamarack		11	Cords		
White Pine	1	Cords				
4	Balsam Fir	Pulpwood	61	Cords	14.0	\$2,874.50
	Mixed Aspen		46	Cords		
	<i>B. T. Aspen</i>		39	<i>Cords</i>		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Mixed Hardwood	Pulpwood	7	Cords		
	<i>Red Maple</i>		7	<i>Cords</i>		
	Mixed Spruce		21	Cords		
	<i>Black Spruce</i>		2	<i>Cords</i>		
	<i>White Spruce</i>		19	<i>Cords</i>		
	N. White Cedar		5	Cords		
	Red Pine		7	Cords		
	Tamarack		2	Cords		
	White Pine		21	Cords		
5	Mixed Spruce	Pulpwood	13	Cords	3.6	\$587.80
	<i>Black Spruce</i>		13	<i>Cords</i>		
	Red Pine		2	Cords		
	Tamarack		25	Cords		
	White Pine		2	Cords		
6	Balsam Fir	Pulpwood	1	Cords	9.2	\$2,315.30
	Mixed Hardwood		12	Cords		
	<i>Red Maple</i>		12	<i>Cords</i>		
	Mixed Spruce		51	Cords		
	<i>Black Spruce</i>		51	<i>Cords</i>		
	Red Pine		11	Cords		
	Tamarack		15	Cords		
	White Pine		39	Cords		
7	Balsam Fir	Pulpwood	5	Cords	17.5	\$10,162.80
	Mixed Aspen		33	Cords		
	<i>B. T. Aspen</i>		26	<i>Cords</i>		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		16	Cords		
	<i>Paper Birch</i>		8	<i>Cords</i>		
	<i>Red Maple</i>		8	<i>Cords</i>		
	Mixed Spruce		10	Cords		
	<i>Black Spruce</i>		10	<i>Cords</i>		
	Red Pine		118	Cords		
White Pine	52	Cords				
8	Paper Birch	Sawtimber	0.4	MBF	11.8	\$6,283.90
	Red Maple		28.1	MBF		
	Sugar Maple		1.9	MBF		
	Balsam Fir	Pulpwood	9	Cords		
	Misc. Species 1		10	Cords		
	<i>Black Ash</i>		7	<i>Cords</i>		
	<i>Green Ash</i>		3	<i>Cords</i>		
	Mixed Aspen		1	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		151	Cords		
	<i>Beech</i>		2	<i>Cords</i>		
	<i>Paper Birch</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		121	<i>Cords</i>		
	<i>Sugar Maple</i>		22	<i>Cords</i>		
	<i>Yellow Birch</i>		4	<i>Cords</i>		
N. White Cedar	8	Cords				
9	Paper Birch	Sawtimber	0.4	MBF	11.3	\$5,971.50
	Red Maple		27.0	MBF		
	Sugar Maple		1.9	MBF		
	Balsam Fir	Pulpwood	8	Cords		
	Misc. Species 1		9	Cords		
	<i>Black Ash</i>		6	<i>Cords</i>		
	<i>Green Ash</i>		3	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
9 con't	Mixed Hardwood	Pulpwood	142	Cords			
	<i>Beech</i>		1	<i>Cords</i>			
	<i>Paper Birch</i>		2	<i>Cords</i>			
	<i>Red Maple</i>		115	<i>Cords</i>			
	<i>Sugar Maple</i>		21	<i>Cords</i>			
	<i>Yellow Birch</i>		3	<i>Cords</i>			
	N. White Cedar		8	Cords			
10	Red Maple	Sawtimber	0.8	MBF	7.4	\$1,300.15	
	Balsam Fir	Pulpwood	31	Cords			
	Misc. Species 1		2	Cords			
	<i>Black Ash</i>		2	<i>Cords</i>			
	Mixed Hardwood		25	Cords			
	<i>Balsam Poplar</i>		2	<i>Cords</i>			
	<i>Beech</i>		2	<i>Cords</i>			
	<i>Paper Birch</i>		1	<i>Cords</i>			
	<i>Red Maple</i>		18	<i>Cords</i>			
	<i>Yellow Birch</i>		2	<i>Cords</i>			
	Mixed Spruce		25	Cords			
	<i>White Spruce</i>		25	<i>Cords</i>			
	N. White Cedar		10	Cords			
	Red Pine		2	Cords			
	White Pine		3	Cords			
	TOTAL:			80.6			MBF
TOTAL:			1,838	Cords			

Sale Specific Conditions & Requirements

Sale Name: Spiked Steel Dam

Sale Number: 33-029-24 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 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 for.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 2-6 and 8-10, cut all trees that are three (3) inches or more at DBH, , with the following exceptions:

Within Payment Units 2 and 3, do not cut cedar or trees marked with green paint.

Within Payment Unit 4, do not cut pine that is 15 inches or more at DBH.

Within Payment Units 8 and 9, do not cut hemlock or trees marked with green paint. In addition, do not cut white pine that are five (5) inches or less at DBH.

Within Payment Unit 10, do not cut hemlock or trees marked with green paint.

2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1 and 7, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

In addition, within Payment Unit 1, all aspen, balsam, spruce, fir, and ironwood that are four (4) inches or more at DBH, are designated for cutting.

Further, within Payment Unit 7, all aspen, spruce, and fir that are four (4) inches or more at DBH, are designated for cutting.

2.1.9 - Harvest Exception (12/08)

Do not cut any cedar trees with Payment Units 2 and 3 other than those that are necessary to remove in order to operate within the sale area. Every effort must be made to preserve the existing cedar and to leave an intact stand upon sale completion. All cut cedar shall be piled separately by products and scaled in the woods unless other scaling arrangements are agreed to by the Unit Manager or his/her representative. Stumpage price for cedar shall be \$35.00 per cord.

2.1.11 - Description of Timber Note (2/04)

Note that Miscellaneous Species 1 is a mix of green and black ash. The green and black ash is in various states of decline due to the Emerald Ash Borer.

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 1 and 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) \$18,000 in value or greater 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

4.2 - Maintenance

4.2.1 - Hauling Restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during spring breakup or during other wet weather conditions.

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating Restrictions (9/11)

Within Payment Unit(s) 2-3 and 5-6, cutting and skidding are limited to the period of December 1 to March 31, unless there is an extended dry or frozen period, and the Sale Administrator allows harvesting during that period of time. This restriction is because of low wet ground throughout these Payment Units.

5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 1 and 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.

5.2.22 - Operating Caution

5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 4 and 10, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because of some lower wetter pockets within each Payment Unit.

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 Westman Dam Road and Schuster 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.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating Timber (7/09)

The Sale Area has received damage from the 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. The green and black ash is in various states of decline, with some mortality already present.



TIMBER SALE MAP

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

Sale Number

33-029-24

Date

09/27/2024

Forest Management Unit

Escanaba Mgt Unit

County

Menominee

Mapped By: Beaudou

Cruised By: Salter, Beaudou

Scale

1:15,840

Page

1

Of

1

Township
36N

Range
25W

Section(s) and
Subdivision(s)

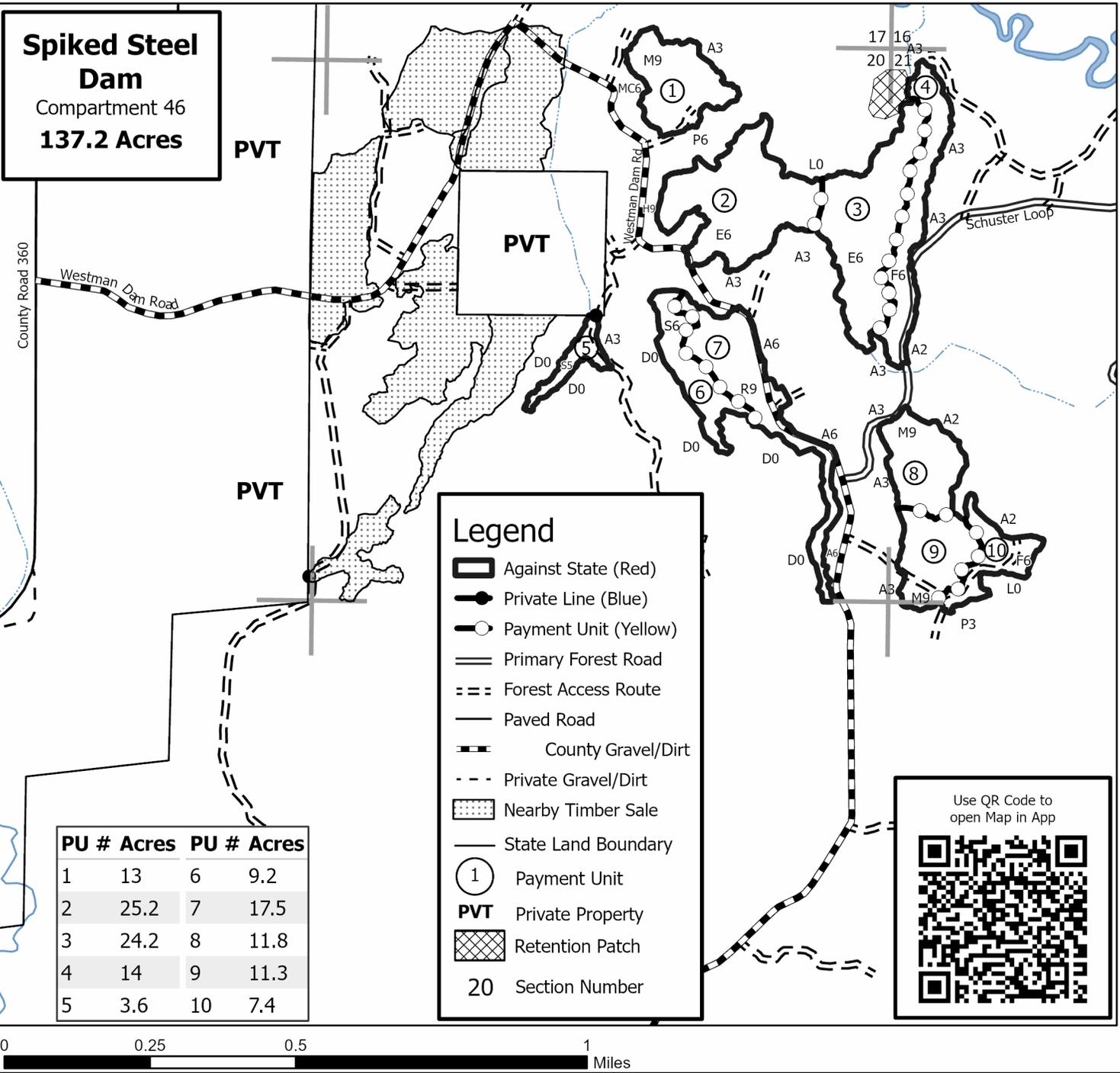
Sec. 17 SWSE; Sec. 20 NE, NESW, N1/2SE, SESE; Sec. 21 W1/2NW, NWSW, S1/2SW; Sec. 28 NWNW;

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



TIMBER SALE INFORMATION

Big Cedar Hardwood (33-030-24)

T36N, R25W, SEC. 21; T36N, R25W, SEC. 28.
Menominee County (Advertised Price \$18,116.15)

SALE NOTE: The Forest Island ORV Trail runs along the western edge of Payment Unit 2, the trail must be protected, per Sale Condition 5.2.39 ORV trail protection.

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.

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	0.7 MBF	\$ 69.00 / MBF
Black Cherry	0.9 MBF	\$ 72.00 / MBF
Paper Birch	1.6 MBF	\$ 99.00 / MBF
Red Maple	17.2 MBF	\$ 114.00 / MBF
Sugar Maple	10.9 MBF	\$ 200.00 / MBF
Pulpwood		
Balsam Fir	148 Cords	\$ 7.65 / Cord
Mixed Aspen	153 Cords	\$ 26.05 / Cord
Mixed Hardwood	460 Cords	\$ 16.20 / Cord
Mixed Spruce	90 Cords	\$ 12.60 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 16.29 percent. There are an estimated 925 cords on this timber sale, plus or minus 151 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 \$906.00 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	16.9%
02	18.0%
03	17.1%
04	26.2%
05	21.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 09/30/2027.

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
73,074	925	16.29%	774	1,076

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
42	11,226	142	32.17%	96	188
43	10,438	132	42.92%	75	189
46	11,073	140	36.74%	89	192
51	40,336	511	24.38%	386	635
TOTAL:	73,074	925		647	1,203

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
42	14.7	3	14.7
43	9.1	1	9.1
46	14.8	2	14.8
51	51.0	4	27.8
51	51.0	5	23.2
TOTAL:	140.6		89.6

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	1.0	MBF	9.1	\$3,060.00
	Red Maple		1.7	MBF		
	Sugar Maple		3.9	MBF		
	Balsam Fir	Pulpwood	10	Cords		
	Mixed Aspen		18	Cords		
	<i>Quaking Aspen</i>		18	<i>Cords</i>		
	Mixed Hardwood		89	Cords		
	<i>Beech</i>		3	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Paper Birch</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		57	<i>Cords</i>		
	<i>Sugar Maple</i>		26	<i>Cords</i>		
2	Basswood	Sawtimber	0.7	MBF	14.8	\$3,264.90
	Paper Birch		0.6	MBF		
	Sugar Maple		3.7	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Aspen		40	Cords		
	<i>B. T. Aspen</i>		28	<i>Cords</i>		
	<i>Quaking Aspen</i>		12	<i>Cords</i>		
	Mixed Hardwood		83	Cords		
	<i>Basswood</i>		1	<i>Cords</i>		
	<i>Beech</i>		13	<i>Cords</i>		
	<i>Ironwood</i>		6	<i>Cords</i>		
	<i>Paper Birch</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		12	<i>Cords</i>		
	<i>Sugar Maple</i>		41	<i>Cords</i>		
	<i>White Ash</i>		7	<i>Cords</i>		
3	Red Maple	Sawtimber	11.3	MBF	14.7	\$3,101.65
	Balsam Fir	Pulpwood	8	Cords		
	Mixed Aspen		1	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		105	Cords		
	<i>Red Maple</i>		82	<i>Cords</i>		
	<i>Sugar Maple</i>		17	<i>Cords</i>		
	<i>White Ash</i>		6	<i>Cords</i>		
	Mixed Spruce		2	Cords		
	<i>White Spruce</i>		2	<i>Cords</i>		
4	Black Cherry	Sawtimber	0.5	MBF	27.8	\$4,739.40
	Red Maple		2.3	MBF		
	Sugar Maple		1.8	MBF		
	Balsam Fir	Pulpwood	69	Cords		
	Mixed Aspen		51	Cords		
	<i>B. T. Aspen</i>		14	<i>Cords</i>		
	<i>Quaking Aspen</i>		37	<i>Cords</i>		
	Mixed Hardwood		100	Cords		
	<i>Balsam Poplar</i>		1	<i>Cords</i>		
	<i>Basswood</i>		4	<i>Cords</i>		
	<i>Black Ash</i>		2	<i>Cords</i>		
	<i>Black Cherry</i>		1	<i>Cords</i>		
	<i>Green Ash</i>		11	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		59	<i>Cords</i>		
	<i>Sugar Maple</i>		13	<i>Cords</i>		
	<i>Yellow Birch</i>		7	<i>Cords</i>		
	Mixed Spruce		48	Cords		
	<i>Black Spruce</i>		3	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>White Spruce</i>	<i>Pulpwood</i>	45	<i>Cords</i>		
5	Black Cherry	Sawtimber	0.4	MBF	23.2	\$3,950.20
	Red Maple		1.9	MBF		
	Sugar Maple		1.5	MBF		
	Balsam Fir	Pulpwood	57	Cords		
	Mixed Aspen		43	Cords		
	<i>B. T. Aspen</i>		12	<i>Cords</i>		
	<i>Quaking Aspen</i>		31	<i>Cords</i>		
	Mixed Hardwood		83	Cords		
	<i>Balsam Poplar</i>		1	<i>Cords</i>		
	<i>Basswood</i>		3	<i>Cords</i>		
	<i>Black Ash</i>		2	<i>Cords</i>		
	<i>Green Ash</i>		10	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		49	<i>Cords</i>		
	<i>Sugar Maple</i>		10	<i>Cords</i>		
	<i>Yellow Birch</i>		6	<i>Cords</i>		
	Mixed Spruce		40	Cords		
	<i>Black Spruce</i>		3	<i>Cords</i>		
	<i>White Spruce</i>		37	<i>Cords</i>		
TOTAL:			31.3	MBF		
TOTAL:			851	Cords		

Sale Specific Conditions & Requirements

Sale Name: Big Cedar Hardwood

Sale Number: 33-030-24 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 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 for.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 4 and 5, cut all trees that are four (4) inches or more at DBH, , except do not cut cedar, hemlock, or white pine.

2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1-3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

In addition, within Payment Units 1 and 3, cut all aspen, balsam, spruce, fir, and ironwood that are three (3) inches or more at DBH.

Furthermore, within Payment Unit 2, cut all balsam, spruce, fir, and ironwood that are three (3) inches or more at DBH.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible within Payment Units 1, 2, and 3.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) \$18,000 in value or greater 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

4.2 - Maintenance

4.2.1 - Hauling Restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during spring breakup or during other wet weather conditions.

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

5.2.3 - Operating Restrictions

5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 1, 2, and 3, 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) 4 and 5, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because of some lower wetter ground within areas of the Payment Units.

5.2.39 - ORV Trail/Route Protection (4/18)

The Forest Island is an ORV trail or route and 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. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

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 Schuster 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.

6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the Forest Island 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.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating Timber (7/09)

The Sale Area has received damage from the spruce budworm and the 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	Date	
33-030-24	09/30/2024	
Scale	Page	Of
1:15,840	1	1

Forest Management Unit	County	Mapped By: Beaudou
Escanaba Mgt Unit	Menominee	Cruised By: Salter, Beaudou

Township	Range	Section(s) and Subdivision(s)
36N	25W	Sec. 21 NW,W1/2NE,N1/2SW,SESW,NWSE; Sec. 21 S1/2SE; Sec. 28 NWNE;

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

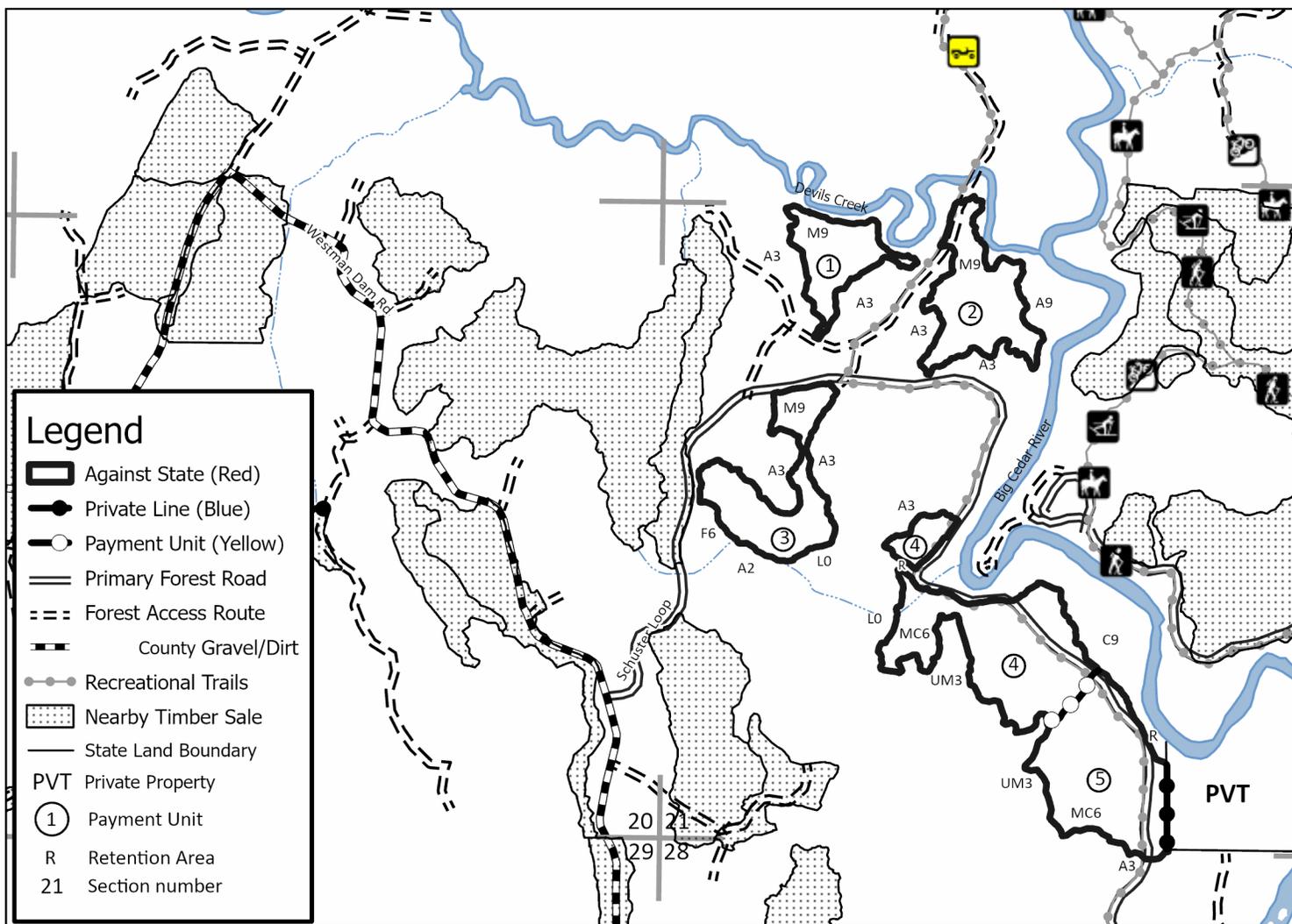
PU #	Acres
1	9.1
2	14.8
3	14.7
4	27.8
5	23.2



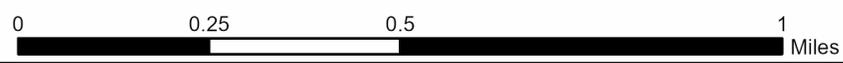
**Big Cedar
Hardwood**
Compartment 46
89.6 Acres



Use QR Code to open Map in App



Legend	
	Against State (Red)
	Private Line (Blue)
	Payment Unit (Yellow)
	Primary Forest Road
	Forest Access Route
	County Gravel/Dirt
	Recreational Trails
	Nearby Timber Sale
	State Land Boundary
PVT	Private Property
	Payment Unit
R	Retention Area
21	Section number



TIMBER SALE INFORMATION

Horsing Around (33-033-24)

T36N, R25W, SEC. 16; T36N, R25W, SEC. 21; T36N, R25W, SEC. 22.
Menominee County (Advertised Price \$54,695.40)

SALE NOTE: The Cedar River Pathway runs through the timber sale and will need to be protected. The Purchaser is responsible for purchasing and installing a culvert and spreading gravel, see Spec 4.1.8 Road work for more information.

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.

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			
Paper Birch	13.1	MBF	\$ 99.00 / MBF
Red Maple	27.8	MBF	\$ 114.00 / MBF
Sugar Maple	1.0	MBF	\$ 200.00 / MBF
Yellow Birch	1.2	MBF	\$ 31.00 / MBF
Pulpwood			
Balsam Fir	106	Cords	\$ 7.65 / Cord
Mixed Aspen	490	Cords	\$ 26.05 / Cord
Mixed Hardwood	1,120	Cords	\$ 16.20 / Cord
Mixed Spruce	91	Cords	\$ 12.60 / Cord
N. White Cedar	80	Cords	\$ 5.60 / Cord
Red Pine	178	Cords	\$ 68.95 / Cord
Tamarack	7	Cords	\$ 10.30 / Cord
White Pine	303	Cords	\$ 14.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 10.33 percent. There are an estimated 2,477 cords on this timber sale, plus or minus 256 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 \$2,735.00 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	8.5%
02	10.8%
03	24.7%
04	20.0%
05	17.4%
06	18.6%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 09/30/2027.

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
195,661	2,477	10.33%	2,221	2,733

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
54	49,572	627	20.51%	499	756
55	46,312	586	23.98%	446	727
56	27,151	344	27.19%	250	437
60	72,626	919	16.15%	771	1,068
TOTAL:	195,661	2,477		1,965	2,988

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
54	23.7	1	10.5
54	23.7	2	13.2
55	22.2	3	22.2
56	12.7	4	12.7
60	38.0	5	18.4
60	38.0	6	19.6
TOTAL:	158.3		96.6

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	1.9	MBF	10.5	\$4,665.80
	Red Maple		4.5	MBF		
	Balsam Fir	Pulpwood	15	Cords		
	Mixed Aspen		15	Cords		
	<i>Quaking Aspen</i>		15	Cords		
	Mixed Hardwood		179	Cords		
	<i>Balsam Poplar</i>		8	Cords		
	<i>Basswood</i>		5	Cords		
	<i>Black Ash</i>		14	Cords		
	<i>Green Ash</i>		27	Cords		
	<i>Paper Birch</i>		15	Cords		
	<i>Red Maple</i>		104	Cords		
	<i>Sugar Maple</i>		4	Cords		
	<i>Yellow Birch</i>		2	Cords		
	Mixed Spruce		8	Cords		
	<i>Black Spruce</i>		4	Cords		
	<i>White Spruce</i>		4	Cords		
	N. White Cedar		35	Cords		
	Red Pine		2	Cords		
	Tamarack		1	Cords		
White Pine		8	Cords			
2	Paper Birch	Sawtimber	2.4	MBF	13.2	\$5,902.25
	Red Maple		5.7	MBF		
	Balsam Fir	Pulpwood	18	Cords		
	Mixed Aspen		18	Cords		
	<i>Quaking Aspen</i>		18	Cords		
	Mixed Hardwood		227	Cords		
	<i>Balsam Poplar</i>		11	Cords		
	<i>Basswood</i>		6	Cords		
	<i>Black Ash</i>		18	Cords		
	<i>Green Ash</i>		35	Cords		
	<i>Paper Birch</i>		18	Cords		
	<i>Red Maple</i>		131	Cords		
	<i>Sugar Maple</i>		6	Cords		
	<i>Yellow Birch</i>		2	Cords		
	Mixed Spruce		11	Cords		
	<i>Black Spruce</i>		6	Cords		
	<i>White Spruce</i>		5	Cords		
	N. White Cedar		44	Cords		
	Red Pine		3	Cords		
	Tamarack		1	Cords		
White Pine		9	Cords			
3	Paper Birch	Sawtimber	2.3	MBF	22.2	\$13,491.30
	Red Maple		0.7	MBF		
	Balsam Fir	Pulpwood	32	Cords		
	Mixed Aspen		420	Cords		
	<i>B. T. Aspen</i>		417	Cords		
	<i>Quaking Aspen</i>		3	Cords		
	Mixed Hardwood		107	Cords		
	<i>Paper Birch</i>		41	Cords		
	<i>Red Maple</i>		66	Cords		
	Mixed Spruce		21	Cords		
	<i>Black Spruce</i>		4	Cords		
	<i>White Spruce</i>		17	Cords		
	4	Red Maple	Sawtimber	1.5		
Balsam Fir		Pulpwood	2	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Mixed Aspen	Pulpwood	14	Cords		
	<i>Quaking Aspen</i>		14	<i>Cords</i>		
	Mixed Hardwood		66	Cords		
	<i>Paper Birch</i>		8	<i>Cords</i>		
	<i>Red Maple</i>		58	<i>Cords</i>		
	Mixed Spruce		26	Cords		
	<i>Black Spruce</i>		26	<i>Cords</i>		
	N. White Cedar		1	Cords		
	Red Pine		105	Cords		
	Tamarack		5	Cords		
White Pine	120	Cords				
5	Paper Birch	Sawtimber	3.1	MBF	18.4	\$9,511.15
	Red Maple		7.5	MBF		
	Sugar Maple		0.5	MBF		
	Yellow Birch		0.6	MBF		
	Balsam Fir		Pulpwood	19		
	Mixed Aspen	11		Cords		
	<i>Quaking Aspen</i>	11		<i>Cords</i>		
	Mixed Hardwood	261		Cords		
	<i>Basswood</i>	1		<i>Cords</i>		
	<i>Green Ash</i>	12		<i>Cords</i>		
	<i>Paper Birch</i>	67		<i>Cords</i>		
	<i>Red Maple</i>	176		<i>Cords</i>		
	<i>Sugar Maple</i>	1		<i>Cords</i>		
	<i>Yellow Birch</i>	4		<i>Cords</i>		
	Mixed Spruce	12		Cords		
	<i>White Spruce</i>	12		<i>Cords</i>		
	Red Pine	33		Cords		
	White Pine	80		Cords		
	6	Paper Birch	Sawtimber	3.4		
Red Maple		7.9		MBF		
Sugar Maple		0.5		MBF		
Yellow Birch		0.6		MBF		
Balsam Fir		Pulpwood		20	Cords	
Mixed Aspen			12	Cords		
<i>Quaking Aspen</i>			12	<i>Cords</i>		
Mixed Hardwood			280	Cords		
<i>Basswood</i>			1	<i>Cords</i>		
<i>Green Ash</i>			12	<i>Cords</i>		
<i>Paper Birch</i>			72	<i>Cords</i>		
<i>Red Maple</i>			188	<i>Cords</i>		
<i>Sugar Maple</i>			2	<i>Cords</i>		
<i>Yellow Birch</i>			5	<i>Cords</i>		
Mixed Spruce			13	Cords		
<i>White Spruce</i>			13	<i>Cords</i>		
Red Pine			35	Cords		
White Pine			86	Cords		
TOTAL:			43.1	MBF		
TOTAL:			2,375	Cords		

Sale Specific Conditions & Requirements

Sale Name: Horsing Around

Sale Number: 33-033-24 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 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 for.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 1, 2, 3, and 4, cut all trees that are three (3) inches or more at DBH, , with the following exceptions:

Within Payment Units 1 and 2, do not cut hemlock, beech, or yellow birch.

Within Payment Unit 3, do not cut hemlock or pine.

Within Payment Unit 4, do not cut hemlock or trees marked with green paint.

2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 5 and 6, cut all trees that are four (4) inches or more at DBH, except do not cut hemlock, cedar, or trees marked with green paint above and below stump height. In addition, do not cut pine that are six (6) inches or less at DBH.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible within Payment Units 3, 5 and 6.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) \$18,000 in value or greater 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: the Purchaser must purchase and install a new corrugated steel culvert 18 inches wide by 24 foot long. The Purchaser must also haul and spread a minimum of 100 cubic yards of gravel on the access road/trail coming in from the north into Payment Unit 1. A minimum of twelve inches of gravel must be placed over the culvert. The culvert location is shown on the Timber Sale Map. This roadwork must be completed prior to any hauling from Payment Units 1-4. Gravel is available from a state gravel pit located about six miles away, at the end of the South Fox Road.

4.2 - Maintenance

4.2.1 - Hauling Restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during

spring breakup or during other wet weather conditions.

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating Restrictions (9/11)

Within Payment Unit(s) 1 and 4, cutting and skidding are limited to the period of December 1 to March 31, unless there is an extended dry or frozen period, and the Sale Administrator allows harvesting during that period of time. This restriction is because of scattered patches of low wet ground within the Payment Units.

5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 3, 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) 2, cutting and skidding, occur during dry summer or frozen winter conditions. The reason for the recommendation is because of some lower wetter areas within the Payment Unit.

5.2.40 - Pathway Protection (10/10)

The Cedar River Pathway is a horse and hiking trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot-wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway, except where it is approved by the Sale Administrator. Skidding across the trail may only occur in locations approved by the Sale Administrator.

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 road running on the south end of Payment Units 5 and 6 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.

6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the Cedar River Pathway 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.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating Timber (7/09)

The Sale Area has received damage from the 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

33-033-24

Date

10/01/2024

Forest Management Unit		County	Mapped By: Beaudou		Scale	Page	Of
Escanaba Mgt Unit		Menominee	Cruised By: Salter, Beaudou		1:15,840	1	1

Township	Range	Section(s) and Subdivision(s)
36N	25W	Sec. 16 S1/2SE; Sec. 21 NE,N1/2SE; Sec. 22 W1/2NW,NWSW;

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

Use QR Code to open Map in App



PU #	Acres	PU #	Acres
1	10.5	4	12.7
2	13.2	5	18.4
3	22.2	6	19.6

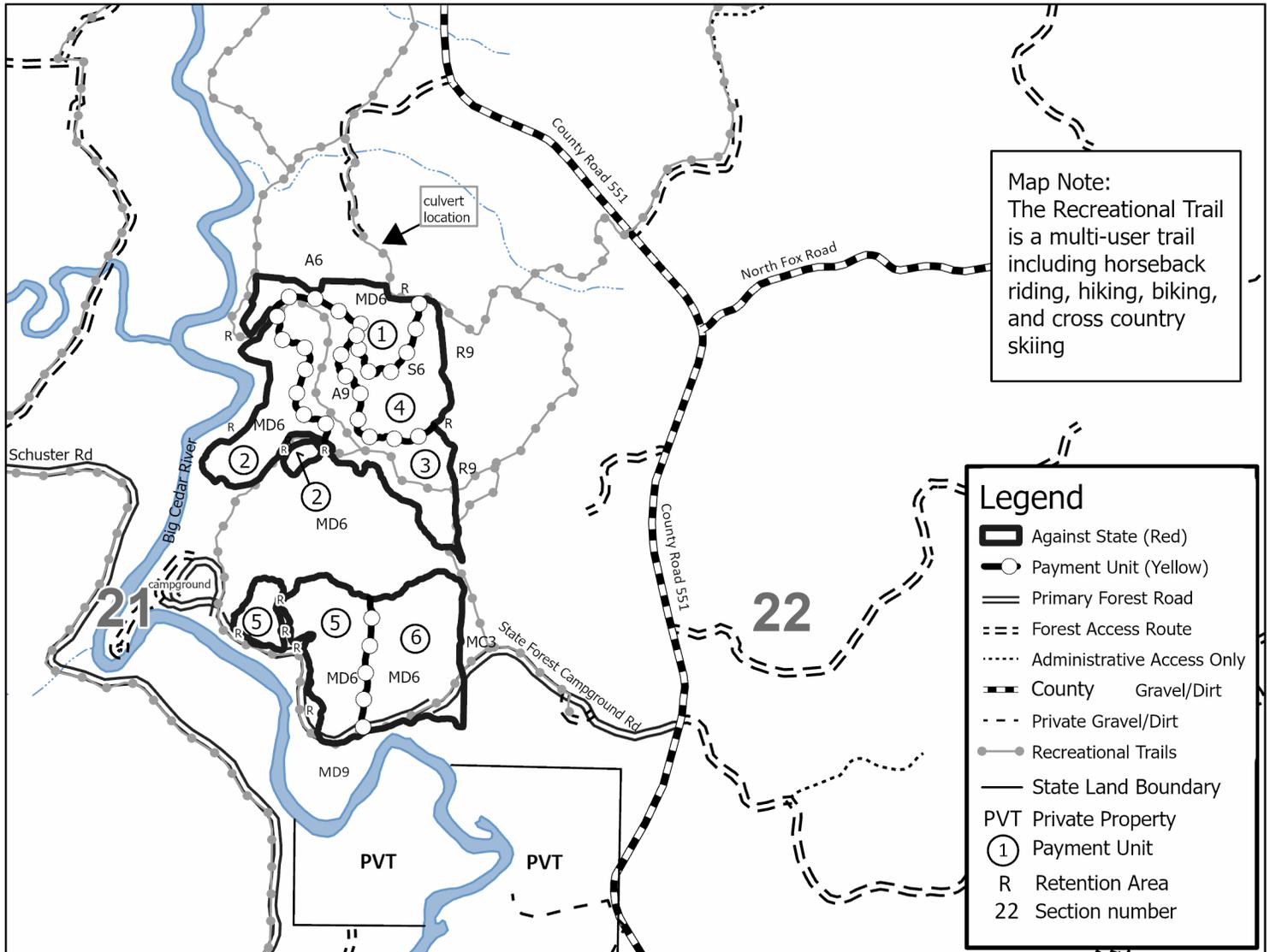


Horsing Around

Compartment 46

96.6 Acres

Map Note:
The Recreational Trail is a multi-user trail including horseback riding, hiking, biking, and cross country skiing



Tower Hardwood (33-027-24)
T36N, R25W, SEC. 17; T36N, R25W, SEC. 20; Menominee COUNTY

In response to the notice of sale to be held 12:00 p.m. (local time) on February 12, 2025, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Basswood	24.1 MBF	\$ 69.00/MBF	\$ _____
Beech	0.6 MBF	\$ 129.00/MBF	\$ _____
Red Maple	3.4 MBF	\$ 114.00/MBF	\$ _____
Sugar Maple	27.0 MBF	\$ 200.00/MBF	\$ _____
Yellow Birch	2.9 MBF	\$ 20.00/MBF	\$ _____
Pulpwood			
Balsam Fir	159 Cords	\$ 7.65/Cord	\$ _____
Mixed Hardwood	515 Cords	\$ 16.20/Cord	\$ _____
Quaking Aspen	65 Cords	\$ 26.05/Cord	\$ _____
Tamarack	12 Cords	\$ 10.30/Cord	\$ _____
White Spruce	17 Cords	\$ 12.60/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 13.76 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: _____ - _____ or SOCIAL SECURITY NUMBER: _____ - _____ - _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE

Spiked Steel Dam (33-029-24)

T36N, R25W, SEC. 17; T36N, R25W, SEC. 20; T36N, R25W, SEC. 21; T36N,

In response to the notice of sale to be held 12:00 p.m. (local time) on February 12, 2025, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Basswood	1.2 MBF	\$ 69.00/MBF	\$ _____
Paper Birch	1.9 MBF	\$ 99.00/MBF	\$ _____
Red Maple	72.1 MBF	\$ 114.00/MBF	\$ _____
Sugar Maple	5.4 MBF	\$ 200.00/MBF	\$ _____
Pulpwood			
Balsam Fir	195 Cords	\$ 7.65/Cord	\$ _____
Misc. Species 1	396 Cords	\$ 7.50/Cord	\$ _____
Mixed Aspen	102 Cords	\$ 26.05/Cord	\$ _____
Mixed Hardwood	654 Cords	\$ 16.20/Cord	\$ _____
Mixed Spruce	137 Cords	\$ 12.60/Cord	\$ _____
N. White Cedar	31 Cords	\$ 5.60/Cord	\$ _____
Red Pine	140 Cords	\$ 68.95/Cord	\$ _____
Tamarack	64 Cords	\$ 10.30/Cord	\$ _____
White Pine	119 Cords	\$ 14.30/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 10.38 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Big Cedar Hardwood (33-030-24)
T36N, R25W, SEC. 21; T36N, R25W, SEC. 28; Menominee COUNTY

In response to the notice of sale to be held 12:00 p.m. (local time) on February 12, 2025, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Basswood	0.7 MBF	\$ 69.00/MBF	\$ _____
Black Cherry	0.9 MBF	\$ 72.00/MBF	\$ _____
Paper Birch	1.6 MBF	\$ 99.00/MBF	\$ _____
Red Maple	17.2 MBF	\$ 114.00/MBF	\$ _____
Sugar Maple	10.9 MBF	\$ 200.00/MBF	\$ _____
Pulpwood			
Balsam Fir	148 Cords	\$ 7.65/Cord	\$ _____
Mixed Aspen	153 Cords	\$ 26.05/Cord	\$ _____
Mixed Hardwood	460 Cords	\$ 16.20/Cord	\$ _____
Mixed Spruce	90 Cords	\$ 12.60/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 16.29 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Horsing Around (33-033-24)

T36N, R25W, SEC. 16; T36N, R25W, SEC. 21; T36N, R25W, SEC. 22; Menominee

In response to the notice of sale to be held 12:00 p.m. (local time) on February 12, 2025, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Paper Birch	13.1 MBF	\$ 99.00/MBF	\$ _____
Red Maple	27.8 MBF	\$ 114.00/MBF	\$ _____
Sugar Maple	1.0 MBF	\$ 200.00/MBF	\$ _____
Yellow Birch	1.2 MBF	\$ 31.00/MBF	\$ _____
Pulpwood			
Balsam Fir	106 Cords	\$ 7.65/Cord	\$ _____
Mixed Aspen	490 Cords	\$ 26.05/Cord	\$ _____
Mixed Hardwood	1,120 Cords	\$ 16.20/Cord	\$ _____
Mixed Spruce	91 Cords	\$ 12.60/Cord	\$ _____
N. White Cedar	80 Cords	\$ 5.60/Cord	\$ _____
Red Pine	178 Cords	\$ 68.95/Cord	\$ _____
Tamarack	7 Cords	\$ 10.30/Cord	\$ _____
White Pine	303 Cords	\$ 14.30/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 10.33 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.

FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
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 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page