



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7320**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on November 8, 2023.**

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

Big Stump Mix (12-003-23) / T44N, R29W, SEC. 10, NW,NE,E1/2SW,N1/2SE,SESE.

T44N, R29W, SEC. 3 , W1/2SW.

T44N, R29W, SEC. 4 , E1/2NW,NWNE,S1/2NE,E1/2SW,SE.

T44N, R29W, SEC. 5 , E1/2SE.

T44N, R29W, SEC. 9 , NENW,N1/2NE,SWNE.

Dickinson County, Advertised Price \$169,339.85, 288.8 Acres, Aspen, Hardwood.

SALE NOTE: This sale has operation caution (5.2.22.1), operation restriction (5.2.3.1), and bark slippage restriction spec (5.2.3.3). See spec (5.2.41 and 6.2.2) for details on snowmobile trail requirements. All new roads must be approved by Sale Administrator.

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. Access may be through private or other public land.

Picketline Popple (12-007-23) / T43N, R27W, SEC. 19, NESW,N1/2SE,SWSE.

T43N, R27W, SEC. 20, S1/2NW,SWNE,N1/2SW.

Dickinson County, Advertised Price \$99,778.50, 126.5 Acres, Aspen, Spruce/Fir/Tamarack.

SALE NOTE: Class A access.

Marsh Madness (12-011-23) / T40N, R28W, SEC. 16, W1/2NW,SW,SE.

T40N, R28W, SEC. 17, NE,E1/2SE.

T40N, R28W, SEC. 21, NW,NENE,SWNE,NESW,N1/2SE.

T40N, R28W, SEC. 27, NW.

T40N, R28W, SEC. 28, E1/2NE.

T40N, R28W, SEC. 5 , SWSW.

T40N, R28W, SEC. 8 , NENW,NENE,SESE.

T40N, R28W, SEC. 9 , SWSW.

Dickinson County, Advertised Price \$222,906.45, 370.1 Acres, Aspen, Hardwood.

SALE NOTE: Access is through private.

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. Access may be through private land.

607 Hardwood (12-013-23) / T41N, R30W, SEC. 10, N1/2NW,SWNW.

T41N, R30W, SEC. 8 , NW,W1/2NE,N1/2SW,NWSE.

T41N, R30W, SEC. 9 , NE.

Dickinson County, Advertised Price \$51,677.00, 312.5 Acres, Hardwood, Sugar Maple.

SALE NOTE: Access may be through private land.

Onlooking Owls (12-014-23) / T43N, R27W, SEC. 16, N1/2NE.

T43N, R27W, SEC. 9 , S1/2NW,SWNE,E1/2SW,NWSE,S1/2SE.

Dickinson County, Advertised Price \$42,207.30, 108.0 Acres, Hardwood, Sugar Maple.

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 3:00 p.m. (local time) on November 8, 2023. For further information concerning this sale, contact Eric Thompson 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

Big Stump Mix (12-003-23)

T44N, R29W, SEC. 10; T44N, R29W, SEC. 3; T44N, R29W, SEC. 4; T44N, R29W, SEC. 5; T44N, R29W, SEC. 9.

Dickinson County (Advertised Price \$169,339.85)

SALE NOTE: This sale has operation caution (5.2.22.1), operation restriction (5.2.3.1), and bark slippage restriction spec (5.2.3.3). See spec (5.2.41 and 6.2.2) for details on snowmobile trail requirements. All new roads must be approved by Sale Administrator.

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. Access may be through private or other public 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		
Basswood	65.4 MBF	\$ 125.00 / MBF
Black Cherry	0.9 MBF	\$ 53.00 / MBF
Paper Birch	44.1 MBF	\$ 127.00 / MBF
Red Maple	82.3 MBF	\$ 101.00 / MBF
Sugar Maple	201.2 MBF	\$ 188.00 / MBF
Yellow Birch	0.6 MBF	\$ 108.00 / MBF
Pulpwood		
Balsam Fir	77 Cords	\$ 11.15 / Cord
Basswood	95 Cords	\$ 8.10 / Cord
Mixed Aspen	2,502 Cords	\$ 30.10 / Cord
Mixed Hardwood	2,057 Cords	\$ 14.75 / Cord
Mixed Spruce	45 Cords	\$ 16.05 / Cord
Paper Birch	250 Cords	\$ 5.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 9.31 percent. There are an estimated 5,803 cords on this timber sale, plus or minus 541 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 \$11,854.00 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	2.9%
02	1.6%
03	19.8%
04	2.2%
05	10.2%
06	17.7%
07	2.3%
08	13.9%
09	17.5%
10	6.4%
11	2.8%
12	2.7%

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
458,470	5,803	9.31%	5,263	6,344

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			RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
3	93,329	1,181	19.02%	957	1,406
10	12,582	159	94.15%	9	309
14	11,814	150	54.31%	68	231
17	7,837	99	64.93%	35	164
18	47,295	599	37.42%	375	823
22	83,795	1,061	22.17%	826	1,296
32	13,180	167	87.33%	21	313
41	127,787	1,618	11.81%	1,427	1,809
47	27,894	353	23.94%	269	438
48	17,511	222	20.71%	176	268
49	15,446	196	42.33%	113	278
TOTAL:	458,470	5,803		4,274	7,333

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	39.1	3	39.1
10	4.8	1	4.8
14	7.4	2	7.4
17	4.7	4	4.7
18	24.3	5	24.3
22	33.5	6	33.5
32	4.2	7	4.2
41	117.7	8	52.2
		9	65.5
47	23.0	10	23.0
48	14.9	11	14.9
49	15.2	12	15.2
TOTAL:	288.8		288.8

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Balsam Fir	Pulpwood	8	Cords	4.8	\$4,905.20	
	Mixed Aspen		160	Cords			
	<i>Quaking Aspen</i>		160	Cords			
2	Balsam Fir	Pulpwood	5	Cords	7.4	\$2,778.20	
	Mixed Aspen		64	Cords			
	<i>Balsam Poplar</i>		64	Cords			
	Mixed Hardwood		42	Cords			
	<i>Red Maple</i>		42	Cords			
	Mixed Spruce		11	Cords			
	<i>Black Spruce</i>		9	Cords			
<i>White Spruce</i>	2	Cords					
3	Paper Birch	Sawtimber	21.0	MBF	39.1	\$33,485.05	
	Red Maple		12.2	MBF			
	Sugar Maple		9.1	MBF			
	Balsam Fir	Pulpwood	37	Cords			
	Mixed Aspen		738	Cords			
	<i>Balsam Poplar</i>		36	Cords			
	<i>Quaking Aspen</i>		702	Cords			
	Mixed Hardwood		310	Cords			
	<i>Black Ash</i>		7	Cords			
	<i>Black Cherry</i>		9	Cords			
	<i>Red Maple</i>		146	Cords			
	<i>Sugar Maple</i>		132	Cords			
	<i>Yellow Birch</i>		16	Cords			
	Mixed Spruce		14	Cords			
	<i>White Spruce</i>		14	Cords			
	Paper Birch		86	Cords			
4	Balsam Fir		Pulpwood	5	Cords	4.7	\$3,666.55
	Mixed Aspen			118	Cords		
	<i>Quaking Aspen</i>	118		Cords			
	Mixed Hardwood	4		Cords			
	<i>Black Cherry</i>	2		Cords			
	<i>Red Maple</i>	2		Cords			
5	Paper Birch	Sawtimber	3.4	MBF	24.3	\$17,242.30	
	Red Maple		2.8	MBF			
	Sugar Maple		2.8	MBF			
	Mixed Aspen	Pulpwood	453	Cords			
	<i>Balsam Poplar</i>		22	Cords			
	<i>Quaking Aspen</i>		431	Cords			
	Mixed Hardwood		154	Cords			
	<i>Red Maple</i>		107	Cords			
	<i>Sugar Maple</i>		47	Cords			
Paper Birch	18	Cords					
6	Paper Birch	Sawtimber	6.7	MBF	33.5	\$29,966.80	
	Red Maple		9.7	MBF			
	Sugar Maple		11.5	MBF			
	Balsam Fir	Pulpwood	14	Cords			
	Mixed Aspen		777	Cords			
	<i>Balsam Poplar</i>		40	Cords			
	<i>Quaking Aspen</i>		737	Cords			
	Mixed Hardwood		125	Cords			
	<i>Red Maple</i>		21	Cords			
	<i>Sugar Maple</i>		104	Cords			
	Mixed Spruce		13	Cords			
	<i>White Spruce</i>		13	Cords			
	Paper Birch		72	Cords			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7	Paper Birch	Sawtimber	1.4	MBF	4.2	\$3,831.55
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Aspen		97	Cords		
	<i>Balsam Poplar</i>		6	Cords		
	<i>Quaking Aspen</i>		91	Cords		
	Mixed Hardwood		26	Cords		
	<i>Red Maple</i>		26	Cords		
	Mixed Spruce		7	Cords		
	<i>White Spruce</i>		7	Cords		
	Paper Birch		39	Cords		
8	Basswood	Sawtimber	18.0	MBF	52.2	\$23,620.40
	Black Cherry		0.4	MBF		
	Paper Birch		2.4	MBF		
	Red Maple		16.4	MBF		
	Sugar Maple		67.9	MBF		
	Yellow Birch		0.3	MBF		
	Basswood	Pulpwood	24	Cords		
	Mixed Aspen		5	Cords		
	<i>Quaking Aspen</i>		5	Cords		
	Mixed Hardwood		422	Cords		
	<i>Black Cherry</i>		1	Cords		
	<i>Red Maple</i>		89	Cords		
	<i>Sugar Maple</i>		328	Cords		
	<i>Yellow Birch</i>		4	Cords		
	Paper Birch		4	Cords		
9	Basswood	Sawtimber	22.6	MBF	65.5	\$29,664.35
	Black Cherry		0.5	MBF		
	Paper Birch		3.1	MBF		
	Red Maple		20.5	MBF		
	Sugar Maple		85.1	MBF		
	Yellow Birch		0.3	MBF		
	Basswood	Pulpwood	30	Cords		
	Mixed Aspen		7	Cords		
	<i>Quaking Aspen</i>		7	Cords		
	Mixed Hardwood		531	Cords		
	<i>Black Cherry</i>		2	Cords		
	<i>Red Maple</i>		112	Cords		
	<i>Sugar Maple</i>		412	Cords		
	<i>Yellow Birch</i>		5	Cords		
	Paper Birch		6	Cords		
10	Basswood	Sawtimber	24.8	MBF	23.0	\$10,791.95
	Red Maple		5.3	MBF		
	Sugar Maple		22.1	MBF		
	Basswood	Pulpwood	41	Cords		
	Mixed Hardwood		181	Cords		
	<i>Red Maple</i>		46	Cords		
	<i>Sugar Maple</i>		135	Cords		
11	Paper Birch	Sawtimber	1.5	MBF	14.9	\$4,815.90
	Red Maple		5.7	MBF		
	Sugar Maple		2.0	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Aspen		43	Cords		
	<i>Balsam Poplar</i>		24	Cords		
	<i>Quaking Aspen</i>		19	Cords		
	Mixed Hardwood		157	Cords		
	<i>Ironwood</i>		1	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
11 con't	<i>Red Maple</i>	<i>Pulpwood</i>	124	<i>Cords</i>			
	<i>Sugar Maple</i>		32	<i>Cords</i>			
	Paper Birch		10	Cords			
12	Paper Birch	Sawtimber	4.6	MBF	15.2	\$4,571.60	
	Red Maple	Pulpwood	9.7	MBF			
	Sugar Maple		0.7	MBF			
	Balsam Fir		4	Cords			
	Mixed Aspen		40	Cords			
	<i>Quaking Aspen</i>		40	<i>Cords</i>			
	Mixed Hardwood		105	Cords			
	<i>Red Maple</i>		81	<i>Cords</i>			
	<i>Sugar Maple</i>		18	<i>Cords</i>			
	<i>Yellow Birch</i>		6	<i>Cords</i>			
	Paper Birch		15	Cords			
	TOTAL:			394.5			MBF
TOTAL:			5,026	Cords			

Sale Specific Conditions & Requirements

Sale Name: Big Stump Mix

Sale Number: 12-003-23 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. 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. Special protection areas are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-7, cut all trees that are two (2) inches or more at DBH, except do not cut any pine, cedar, oak, hemlock, or trees marked with green paint. In addition, the following exceptions apply:

- Within Payment Units 1, 3, 5, 6, & 7 do not cut spruce and fir six (6) inches or less at a four (4) inch stump height.

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

Within Payment Unit(s) 8, 9, 10, 11 & 12, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. Additionally, in Payment Units 8, 9, 10, & 12, cut all aspen and paper birch two (2) inches or greater at DBH. Also, in Payment Unit 12, cut all spruce and fir that are six (6) inches or greater at a four (4) inch stump height.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 8 and 9 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.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the Sale Area, if more than 25% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged due to carelessness, liquidated damages will be assessed at \$20 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber, or at a rate of \$20 per sawtimber tree and \$5 per pole sized tree, whichever is greater.

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 marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$50 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such

payment does not constitute ownership of the undesignated timber.

3.4.3 - Special Protection Areas (8/11)

The Purchaser shall protect special protection areas from damage by the Purchaser's operations. Special protection areas are marked with red paint and excluded from the sale. The Sale Administrator must be contacted before utilizing the road through special protection area in Payment Unit 12. If the Purchaser's operations have cut or damaged special protection areas through carelessness, the Purchaser shall pay double stumpage as fixed, agreed and liquidated damages for each acre or part thereof cut or damaged. Such payment does not constitute ownership of the undesignated timber. Not all special protection areas are labeled on map.

4 - Transportation

4.1 - Construction

4.1.1 - Stream crossings, general (3/11)

All stream crossing structures will be temporary and therefore, shall be provided by the Purchaser, and must be removed upon completion of the sale. All permits for stream crossings will be provided by the DNR.

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.

4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the Sale Administrator and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Cross drainage culverts will be a minimum of 18 inches in diameter and 24 feet in length. Cross drainage culverts may be provided by the DNR, if inventory permits. If not available, it will be the responsibility of the purchaser to obtain culverts. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the Sale Administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR.

4.1.6 - Road construction (1/09)

Construction of new roads that are approved by the Sale Administrator 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, or be chipped, utilized or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

4.2 - 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.

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. Contact the Sale Administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands. Any gravel pit used must be sloped to walkable incline, as determined by the Sale Administrator, within 7 days of use. Additional signs and flagging will be required if not sloped within 7 days, as determined by the Sale Administrator. Additionally, the Sale Administrator may suspend all activity on timber sale until gravel pit is sloped.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.13 - Dispose of slash as directed (12/05)

Slash is to be disposed of as directed by the Sale Administrator.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 8, 9, & 10, unless changed by written agreement, cutting, skidding, and hauling are not permitted from March 1 to July 15. This restriction is to avoid resource damage during spring break up conditions. If prolonged wet weather conditions occur throughout the operating season, the Sale Administrator may suspend operations until favorable weather and ground conditions are present.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 8, 9, 10, 11, & 12, 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) 3, 5, 7, 11, & 12, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of wet soil conditions along access roads.

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.

5.2.41 - Snowmobile trail protection (9/11)

The Big Wheel Road and a portion of the Floodwood Road are snowmobile trails and are shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

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 Big Wheel Road and Floodwood 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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Snowmobile Trail 32 and 5 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

99 - Unique

SKIP

99.1 - Unique Sale Condition (5/19)

Unless authorized by the Sale Administrator, all equipment, material and debris brought onto the Sale Area as part of the operation shall be removed within 60 days of no sale activity, as determined by Sale Administrator.



TIMBER SALE MAP

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

Sale Number	Date
12-003-23	08/23/2023

Forest Management Unit	County	Mapped By: Jacob Siler	Scale	Page	Of
Escanaba Mgt Unit	Dickinson	Cruised By: Jacob Siler	1:15,840	1	2

Township	Range	Section(s) and Subdivision(s)
44N	29W	W1/2SW S3, E1/2NW,NWNE,S1/2NE, E1/2SW,SE S4, E1/2SE S5, NENW,N1/2NE,SWNE S9, NW,NE,E1/2SW,N1/2SE,SESE S10

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

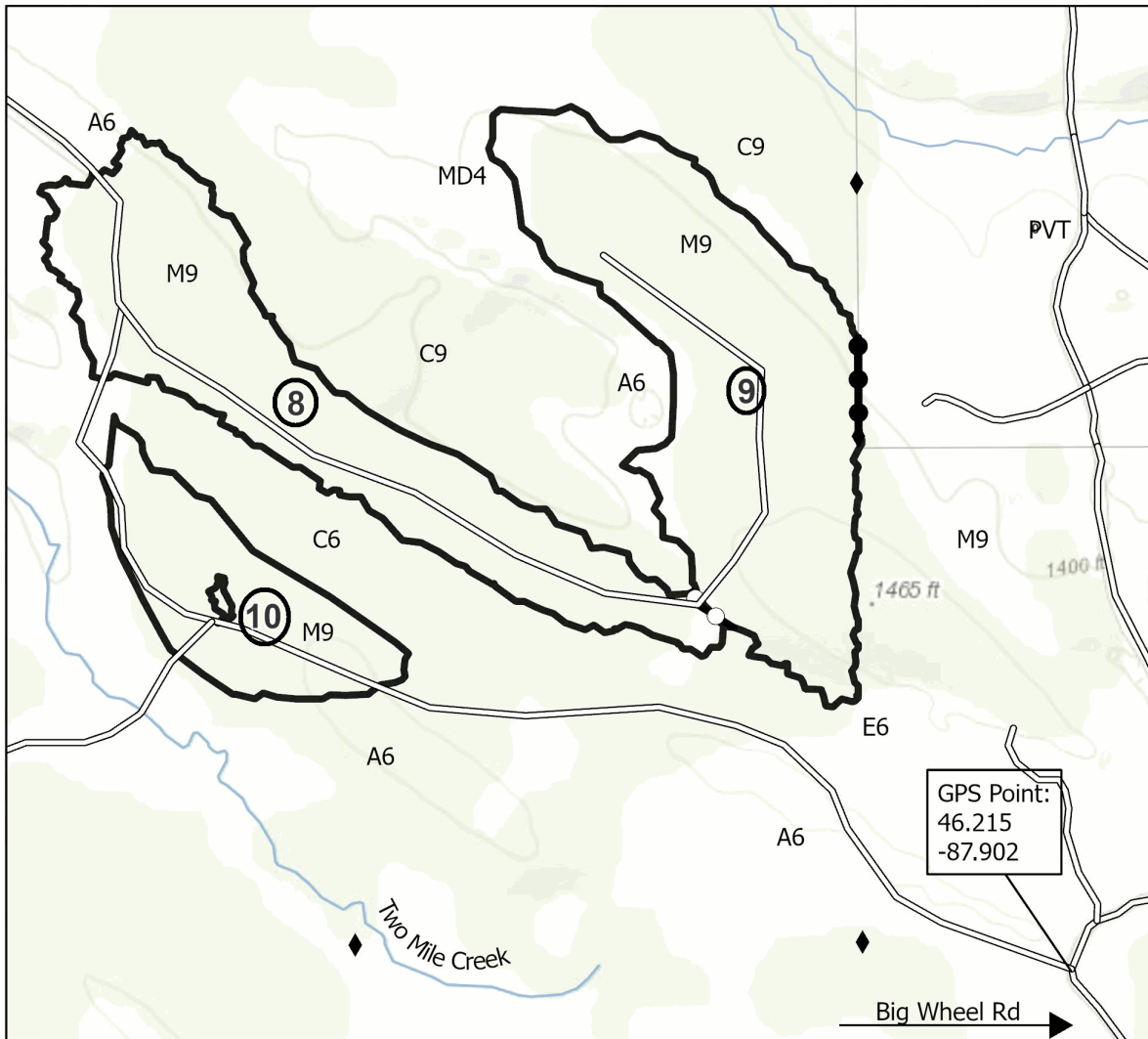
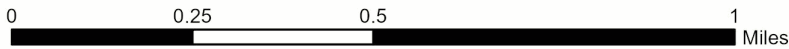
PU #	Acres	PU #	Acres	PU #	Acres
1	4.8	5	24.3	9	65.5
2	7.4	6	33.5	10	23
3	39.1	7	4.2	11	14.9
4	4.7	8	52.2	12	15.2

Big Stump Mix

Compartment 8
Acres: 288.8

Locator Map (1:200,000)

5	4	3	2	1	6
8	9	10	11	12	7
17	16	15	14	13	18
20	21	22	23	24	19



Legend

- Sale Boundary - Red Paint
- Payment Unit (Yellow)
- Private Line (Blue)
- Recreational Trail
- Poor Dirt Road
- Closed Road
- Survey Grade Corner
- County Road
- Intermittent Stream
- Lakes and Rivers
- State Boundary
- Payment Unit

GPS Point:
46.215
-87.902

Use QR Code to open Map in App





TIMBER SALE MAP

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

Sale Number	Date	
12-003-23	08/23/2023	
Scale	Page	Of
1:24,000	2	2

Forest Management Unit	County	Mapped By: Jacob Siler
Escanaba Mgt Unit	Dickinson	Cruised By: Jacob Siler

Township	Range	Section(s) and Subdivision(s)
44N	29W	W1/2SW S3, E1/2NW,NWNE,S1/2NE, E1/2SW,SE S4, E1/2SE S5, NENW,N1/2NE,SWNE S9, NW,NE,E1/2SW,N1/2SE,SESE S10

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		

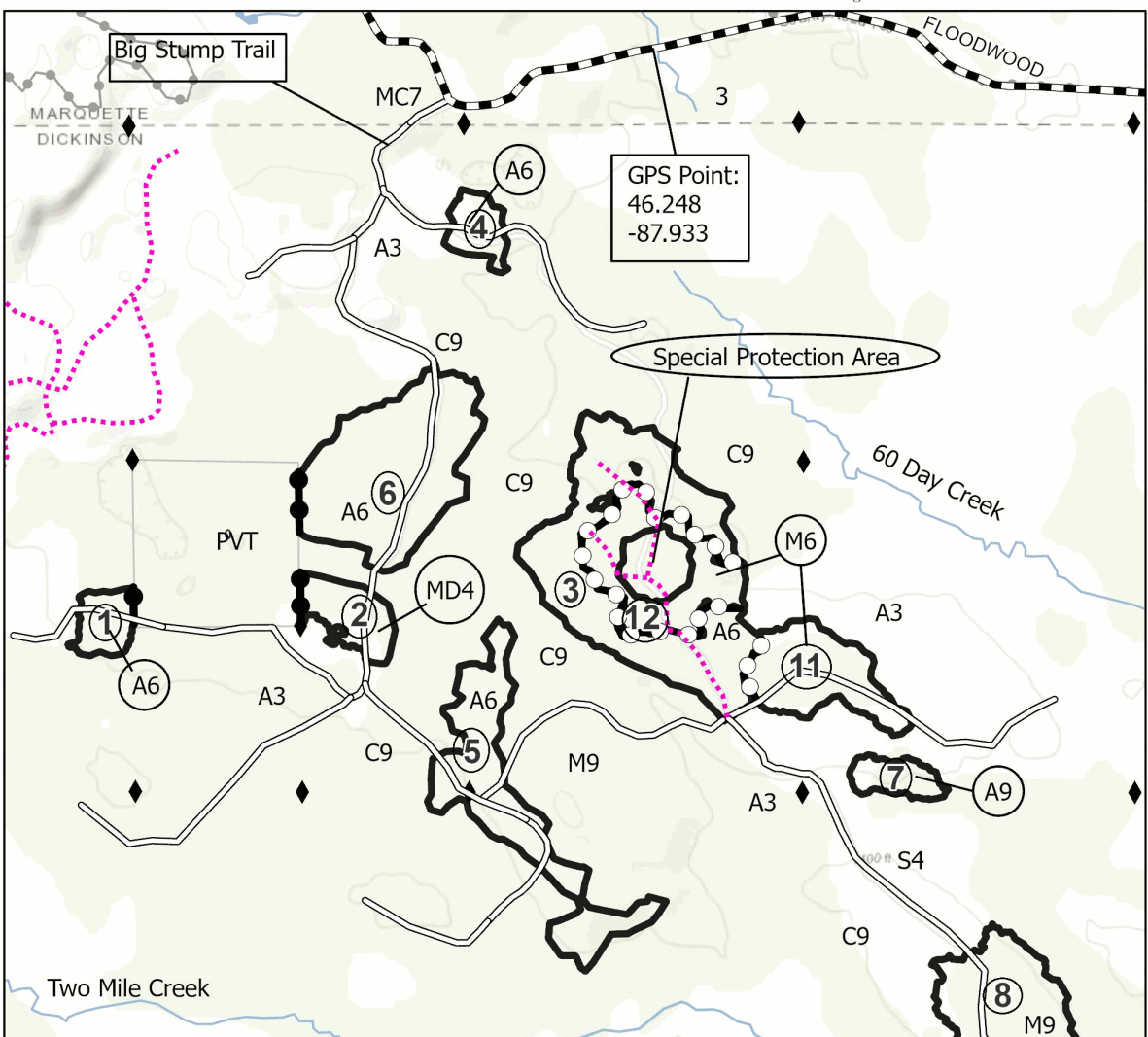
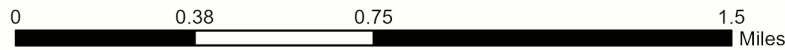
Density	
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU #	Acres	PU #	Acres	PU #	Acres
1	4.8	5	24.3	9	65.5
2	7.4	6	33.5	10	23
3	39.1	7	4.2	11	14.9
4	4.7	8	52.2	12	15.2

Big Stump Mix
 Compartment 8
 Acres: 288.8

Locator Map (1:200,000)

	31	32	33	34	35
od	6	5	4	2	1
	7	8	9	10	11
	18	17	16	15	14
					13



Legend

- Sale Boundary - Red Paint
- Payment Unit (Yellow)
- Private Line (Blue)
- Recreational Trail
- Poor Dirt Road
- Closed Road
- Survey Grade Corner
- County Road
- Intermittent Stream
- Lakes and Rivers
- State Boundary
- Payment Unit

Use QR Code to open Map in App



TIMBER SALE INFORMATION

Picketline Popple (12-007-23)
T43N, R27W, SEC. 19; T43N, R27W, SEC. 20.
Dickinson County (Advertised Price \$99,778.50)

SALE NOTE: Class A access.

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>
Pulpwood		
Balsam Fir	304 Cords	\$ 11.15 / Cord
Balsam Poplar	91 Cords	\$ 30.10 / Cord
Basswood	23 Cords	\$ 8.10 / Cord
Mixed Hardwood	281 Cords	\$ 14.75 / Cord
Mixed Spruce	80 Cords	\$ 16.05 / Cord
Paper Birch	17 Cords	\$ 5.25 / Cord
Quaking Aspen	2,875 Cords	\$ 30.10 / Cord
Tamarack	160 Cords	\$ 8.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 14.79 percent. There are an estimated 3,525 cords on this timber sale, plus or minus 521 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 \$4,989.00 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	26.6%
02	30.8%
03	21.2%
04	21.4%
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
278,510	3,525	14.79%	3,004	4,047

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	12,691	161	53.55%	75	247
2	265,819	3,365	15.96%	2,828	3,902
TOTAL:	278,510	3,525		2,902	4,149

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	6.1	1	6.1
2	120.4	1	30.5
		2	37.7
		3	26.0
		4	26.2
TOTAL:	126.5		126.5

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Balsam Fir	Pulpwood	77	Cords	36.6	\$26,578.35			
	Balsam Poplar		25	Cords					
	Basswood		6	Cords					
	<i>Basswood</i>	<i>Sawtimber</i>	0.9	<i>MBF</i>					
	<i>Basswood</i>	<i>Pulpwood</i>	4	<i>Cords</i>					
	Mixed Hardwood		71	Cords					
	<i>Sugar Maple</i>	<i>Sawtimber</i>	2.2	<i>MBF</i>					
	<i>Black Cherry</i>	<i>Pulpwood</i>	12	<i>Cords</i>					
	<i>Ironwood</i>		1	<i>Cords</i>					
	<i>Sugar Maple</i>		54	<i>Cords</i>					
	Mixed Spruce		33	Cords					
	<i>Black Spruce</i>		20	<i>Cords</i>					
	<i>White Spruce</i>		13	<i>Cords</i>					
	Paper Birch		4	Cords					
	Quaking Aspen		728	Cords					
	Tamarack		160	Cords					
2	Balsam Fir	Pulpwood	95	Cords	37.7	\$30,687.35			
	Balsam Poplar		28	Cords					
	Basswood		8	Cords					
	<i>Basswood</i>	<i>Sawtimber</i>	1.0	<i>MBF</i>					
	<i>Basswood</i>	<i>Pulpwood</i>	6	<i>Cords</i>					
	Mixed Hardwood		87	Cords					
	<i>Sugar Maple</i>	<i>Sawtimber</i>	2.6	<i>MBF</i>					
	<i>Black Cherry</i>	<i>Pulpwood</i>	15	<i>Cords</i>					
	<i>Sugar Maple</i>		67	<i>Cords</i>					
	Mixed Spruce		20	Cords					
	<i>Black Spruce</i>		3	<i>Cords</i>					
	<i>White Spruce</i>		17	<i>Cords</i>					
	Paper Birch		5	Cords					
	Quaking Aspen		900	Cords					
	3	Balsam Fir	Pulpwood	66			Cords	26.0	\$21,169.80
		Balsam Poplar		19			Cords		
Basswood			5	Cords					
<i>Basswood</i>		<i>Sawtimber</i>	0.8	<i>MBF</i>					
<i>Basswood</i>		<i>Pulpwood</i>	3	<i>Cords</i>					
Mixed Hardwood			61	Cords					
<i>Sugar Maple</i>		<i>Sawtimber</i>	1.8	<i>MBF</i>					
<i>Black Cherry</i>		<i>Pulpwood</i>	10	<i>Cords</i>					
<i>Ironwood</i>			1	<i>Cords</i>					
<i>Sugar Maple</i>			46	<i>Cords</i>					
Mixed Spruce			13	Cords					
<i>Black Spruce</i>			2	<i>Cords</i>					
<i>White Spruce</i>			11	<i>Cords</i>					
Paper Birch			4	Cords					
Quaking Aspen			621	Cords					
4		Balsam Fir	Pulpwood	66	Cords	26.2	\$21,351.10		
	Balsam Poplar		19	Cords					
	Basswood		5	Cords					
	<i>Basswood</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>					
	<i>Basswood</i>	<i>Pulpwood</i>	3	<i>Cords</i>					
	Mixed Hardwood		62	Cords					
	<i>Sugar Maple</i>	<i>Sawtimber</i>	1.9	<i>MBF</i>					
	<i>Black Cherry</i>	<i>Pulpwood</i>	10	<i>Cords</i>					
	<i>Ironwood</i>		1	<i>Cords</i>					
	<i>Sugar Maple</i>		47	<i>Cords</i>					
	Mixed Spruce		14	Cords					

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>Black Spruce</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	<i>White Spruce</i>		12	<i>Cords</i>		
	Paper Birch		4	Cords		
	Quaking Aspen		626	Cords		
TOTAL:			3,832	Cords		

Sale Specific Conditions & Requirements

Sale Name: Picketline Popple

Sale Number: 12-007-23 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint along with a road. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. County Road 426 acts as a Payment Unit boundary along Payment Units 1 & 2, which is also marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-4, cut all trees which meet minimum piece specifications in 2.2 Utilization, except white cedar, hemlock, pine, and trees marked with green paint.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

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.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on County Road 426 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	Year
12 - 007	23

Forest Management Unit Escanaba FMU	County Dickinson	Mapped By Andy Church	Date 08/20/2023	Page 1	of 1
Township 43N	Range 27W	Section(s) and Subdivision(s) Section 19: NESW,N1/2SE,SWSE, Section 20 S1/2NW,SWNE,N1/2SW	Cruised By Andy Church		
			Scale 1:15,840		

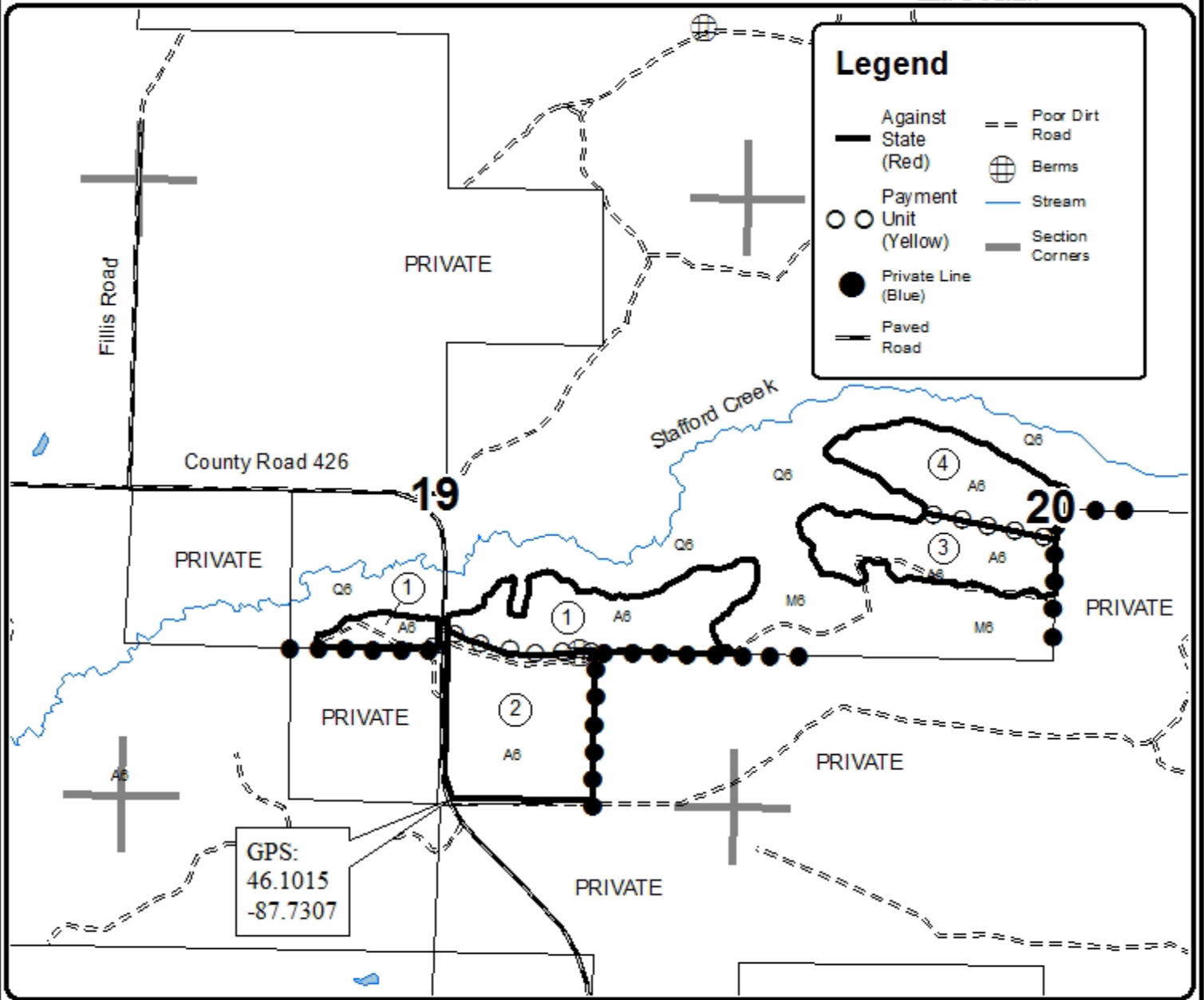
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seeding Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seeding Sapling Medium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

PU	Acres	PU	Acres
1	36.6	4	26.2
2	37.7		
3	26.0		

Picketline Popple

Compartment 28

126.5 Acres



TIMBER SALE INFORMATION

Marsh Madness (12-011-23)

T40N, R28W, SEC. 16; T40N, R28W, SEC. 17; T40N, R28W, SEC. 21; T40N, R28W, SEC. 27; T40N, R28W, SEC. 28; T40N, R28W, SEC. 5; T40N, R28W, SEC. 8; T40N, R28W, SEC. 9.

SALE NOTE: Access is through private.

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. 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		
Basswood	40.8 MBF	\$ 125.00 / MBF
Paper Birch	60.7 MBF	\$ 127.00 / MBF
Red Maple	69.7 MBF	\$ 101.00 / MBF
Sugar Maple	64.4 MBF	\$ 188.00 / MBF
White Ash	8.6 MBF	\$ 96.00 / MBF
Pulpwood		
Balsam Fir	391 Cords	\$ 11.15 / Cord
Basswood	72 Cords	\$ 8.10 / Cord
Mixed Aspen	5,131 Cords	\$ 30.10 / Cord
Mixed Hardwood	1,936 Cords	\$ 14.75 / Cord
Mixed Spruce	67 Cords	\$ 16.05 / Cord
Paper Birch	211 Cords	\$ 5.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 7.62 percent. There are an estimated 8,033 cords on this timber sale, plus or minus 613 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 \$22,291.00 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	7.1%
02	1.0%
03	10.3%
04	7.9%
05	6.5%
06	14.9%
07	11.2%
08	15.6%
09	4.0%
10	3.9%
11	2.3%
12	15.3%

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
634,645	8,033	7.62%	7,421	8,646

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			RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	43,630	552	26.84%	404	700
6	6,098	77	71.24%	22	132
21	163,346	2,068	13.99%	1,778	2,357
29	96,403	1,220	20.24%	973	1,467
32	162,124	2,052	14.02%	1,764	2,340
43	17,824	226	30.58%	157	295
50	15,627	198	28.96%	141	255
51	24,868	315	28.60%	225	405
59	104,726	1,326	20.97%	1,048	1,604
TOTAL:	634,645	8,033		6,512	9,555

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	19.5	1	19.5
6	6.0	2	6.0
21	105.5	3	44.2
		4	33.6
		5	27.7
29	47.6	8	47.6
32	85.8	6	48.9
		7	36.9
43	21.8	9	21.8
50	20.7	11	20.7
51	16.3	10	16.3
59	46.9	12	46.9
TOTAL:	370.1		370.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE				
1	Paper Birch	Sawtimber	2.0	MBF	19.5	\$15,877.30				
	Mixed Aspen	Pulpwood	465	Cords						
	<i>B. T. Aspen</i>		44	Cords						
	<i>Balsam Poplar</i>		42	Cords						
	<i>Quaking Aspen</i>		379	Cords						
	Mixed Hardwood		97	Cords						
	<i>Ironwood</i>		5	Cords						
	<i>Sugar Maple</i>		52	Cords						
	<i>White Ash</i>		35	Cords						
	<i>Yellow Birch</i>		5	Cords						
	Mixed Spruce		6	Cords						
	<i>White Spruce</i>		6	Cords						
	Paper Birch		19	Cords						
	2		Paper Birch	Sawtimber			9.6	MBF	6.0	\$2,321.05
Sugar Maple		Pulpwood	3.7	MBF						
Mixed Hardwood			19	Cords						
<i>Sugar Maple</i>			19	Cords						
Paper Birch			24	Cords						
3	Basswood	Sawtimber	1.0	MBF	44.2	\$23,046.15				
	Paper Birch	Pulpwood	19.2	MBF						
	Red Maple		19.7	MBF						
	Sugar Maple		4.4	MBF						
	Balsam Fir		21	Cords						
	Basswood		4	Cords						
	Mixed Aspen		414	Cords						
	<i>Balsam Poplar</i>		25	Cords						
	<i>Quaking Aspen</i>		389	Cords						
	Mixed Hardwood		313	Cords						
	<i>American Elm</i>		3	Cords						
	<i>Black Ash</i>		5	Cords						
	<i>Black Cherry</i>		3	Cords						
	<i>Ironwood</i>		12	Cords						
	<i>Red Maple</i>		159	Cords						
	<i>Sugar Maple</i>		112	Cords						
	<i>White Ash</i>		19	Cords						
	Mixed Spruce		3	Cords						
	<i>White Spruce</i>		3	Cords						
	Paper Birch		52	Cords						
	4		Basswood	Sawtimber			0.8	MBF	33.6	\$17,540.55
			Paper Birch	Pulpwood			14.6	MBF		
Red Maple		14.9	MBF							
Sugar Maple		3.3	MBF							
Balsam Fir		16	Cords							
Basswood		3	Cords							
Mixed Aspen		315	Cords							
<i>Balsam Poplar</i>		19	Cords							
<i>Quaking Aspen</i>		296	Cords							
Mixed Hardwood		240	Cords							
<i>American Elm</i>		3	Cords							
<i>Black Ash</i>		4	Cords							
<i>Black Cherry</i>		3	Cords							
<i>Ironwood</i>		9	Cords							
<i>Red Maple</i>		121	Cords							
<i>Sugar Maple</i>		86	Cords							
<i>White Ash</i>		14	Cords							
Mixed Spruce		2	Cords							

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>	2	<i>Cords</i>		
	Paper Birch		39	Cords		
5	Basswood	Sawtimber	0.7	MBF	27.7	\$14,456.45
	Paper Birch		12.0	MBF		
	Red Maple		12.3	MBF		
	Sugar Maple		2.8	MBF		
	Balsam Fir	Pulpwood	13	Cords		
	Basswood		3	Cords		
	Mixed Aspen		259	Cords		
	<i>Balsam Poplar</i>		15	<i>Cords</i>		
	<i>Quaking Aspen</i>		244	<i>Cords</i>		
	Mixed Hardwood		197	Cords		
	<i>American Elm</i>		2	<i>Cords</i>		
	<i>Black Ash</i>		3	<i>Cords</i>		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Ironwood</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		100	<i>Cords</i>		
	<i>Sugar Maple</i>		71	<i>Cords</i>		
	<i>White Ash</i>		12	<i>Cords</i>		
	Mixed Spruce		2	Cords		
	<i>White Spruce</i>		2	<i>Cords</i>		
	Paper Birch		33	Cords		
6	Basswood	Sawtimber	1.5	MBF	48.9	\$33,144.65
	Paper Birch		1.9	MBF		
	Red Maple		8.0	MBF		
	Sugar Maple		3.5	MBF		
	White Ash		2.9	MBF		
	Balsam Fir	Pulpwood	76	Cords		
	Basswood		9	Cords		
	Mixed Aspen		941	Cords		
	<i>B. T. Aspen</i>		54	<i>Cords</i>		
	<i>Balsam Poplar</i>		50	<i>Cords</i>		
	<i>Quaking Aspen</i>		837	<i>Cords</i>		
	Mixed Hardwood		98	Cords		
	<i>Black Ash</i>	<i>Sawtimber</i>	2.1	<i>MBF</i>		
	<i>Black Ash</i>	<i>Pulpwood</i>	9	<i>Cords</i>		
	<i>Black Cherry</i>		11	<i>Cords</i>		
	<i>Ironwood</i>		6	<i>Cords</i>		
	<i>Red Maple</i>		40	<i>Cords</i>		
	<i>Sugar Maple</i>		13	<i>Cords</i>		
	<i>White Ash</i>		15	<i>Cords</i>		
	Mixed Spruce		11	Cords		
	<i>Black Spruce</i>		5	<i>Cords</i>		
	<i>White Spruce</i>		6	<i>Cords</i>		
	Paper Birch		20	Cords		
7	Basswood	Sawtimber	1.2	MBF	36.9	\$24,959.65
	Paper Birch		1.4	MBF		
	Red Maple		6.1	MBF		
	Sugar Maple		2.6	MBF		
	White Ash		2.2	MBF		
	Balsam Fir	Pulpwood	57	Cords		
	Basswood		7	Cords		
	Mixed Aspen		709	Cords		
	<i>B. T. Aspen</i>		40	<i>Cords</i>		
	<i>Balsam Poplar</i>		37	<i>Cords</i>		
	<i>Quaking Aspen</i>		632	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	Mixed Hardwood	Pulpwood	74	Cords		
	<i>Black Ash</i>	<i>Sawtimber</i>	1.6	<i>MBF</i>		
	<i>Black Ash</i>	<i>Pulpwood</i>	6	<i>Cords</i>		
	<i>Black Cherry</i>		9	<i>Cords</i>		
	<i>Ironwood</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		30	<i>Cords</i>		
	<i>Sugar Maple</i>		10	<i>Cords</i>		
	<i>White Ash</i>		12	<i>Cords</i>		
	Mixed Spruce		7	<i>Cords</i>		
	<i>Black Spruce</i>		3	<i>Cords</i>		
	<i>White Spruce</i>		4	<i>Cords</i>		
	Paper Birch		15	<i>Cords</i>		
8	Red Maple	Sawtimber	5.5	MBF	47.6	\$34,709.10
	Balsam Fir	Pulpwood	61	Cords		
	Mixed Aspen		977	Cords		
	<i>Balsam Poplar</i>		28	<i>Cords</i>		
	<i>Quaking Aspen</i>		949	<i>Cords</i>		
	Mixed Hardwood		243	Cords		
	<i>Black Ash</i>		2	<i>Cords</i>		
	<i>Black Cherry</i>		7	<i>Cords</i>		
	<i>Ironwood</i>		12	<i>Cords</i>		
	<i>Red Maple</i>		201	<i>Cords</i>		
	<i>Sugar Maple</i>		14	<i>Cords</i>		
	<i>White Ash</i>		7	<i>Cords</i>		
	Mixed Spruce		30	Cords		
	<i>Black Spruce</i>		14	<i>Cords</i>		
<i>White Spruce</i>		16	<i>Cords</i>			
9	Basswood	Sawtimber	7.2	MBF	21.8	\$8,804.90
	Red Maple		0.8	MBF		
	Sugar Maple		29.8	MBF		
	White Ash		3.5	MBF		
	Basswood	Pulpwood	7	Cords		
	Mixed Hardwood		124	Cords		
	<i>Ironwood</i>		10	<i>Cords</i>		
	<i>Red Maple</i>		6	<i>Cords</i>		
	<i>Sugar Maple</i>		103	<i>Cords</i>		
	<i>White Ash</i>		5	<i>Cords</i>		
10	Basswood	Sawtimber	3.0	MBF	16.3	\$8,801.60
	Balsam Fir	Pulpwood	66	Cords		
	Basswood		5	Cords		
	Mixed Aspen		249	Cords		
	<i>Balsam Poplar</i>		8	<i>Cords</i>		
	<i>Quaking Aspen</i>		241	<i>Cords</i>		
	Mixed Hardwood		4	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Yellow Birch</i>		2	<i>Cords</i>		
	Mixed Spruce		6	Cords		
	<i>White Spruce</i>		6	<i>Cords</i>		
	11	Basswood	Sawtimber	6.9		
Sugar Maple			12.2	MBF		
Basswood		Pulpwood	15	Cords		
Mixed Aspen			9	Cords		
<i>B. T. Aspen</i>			5	<i>Cords</i>		
<i>Quaking Aspen</i>			4	<i>Cords</i>		
Mixed Hardwood			113	Cords		
<i>Ironwood</i>			21	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
11 con't	<i>Sugar Maple</i>	<i>Pulpwood</i>	92	<i>Cords</i>		
12	Basswood	Sawtimber	18.5	MBF	46.9	\$34,029.80
	Red Maple		2.4	MBF		
	Sugar Maple		2.1	MBF		
	Balsam Fir	Pulpwood	81	Cords		
	Basswood		19	Cords		
	Mixed Aspen		793	Cords		
	<i>Quaking Aspen</i>		793	<i>Cords</i>		
	Mixed Hardwood		414	Cords		
	<i>Black Ash</i>	<i>Sawtimber</i>	2.5	<i>MBF</i>		
	<i>Black Ash</i>	<i>Pulpwood</i>	29	<i>Cords</i>		
	<i>Red Maple</i>		336	<i>Cords</i>		
	<i>Sugar Maple</i>		44	<i>Cords</i>		
	Paper Birch		9	Cords		
TOTAL:			244.2	MBF		
TOTAL:			7,808	Cords		

Sale Specific Conditions & Requirements

Sale Name: Marsh Madness

Sale Number: 12-011-23 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. 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. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 3, 4, 5, 6, 7, 8, 10, & 12, cut all trees that are two (2) inches or more at DBH, except do not cut any pine, cedar, hemlock or oak. In addition, the following exceptions apply:

- Within Payment Unit 1, do not cut any sub-merchantable spruce and fir.
- Within Payment Units 3, 4, & 5 do not cut beech.
- Within Payment Unit 8 do not cut paper birch.
- Within Payment Unit 12, do not cut black cherry.

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

Within Payment Unit(s) 2, 9, and 11, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

4 - Transportation

4.1 - Construction

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. Some existing roads may also need to be closed, see the Timber Sale Map for locations. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

4.1.12 - No new roads (1/12)

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

4.2 - Maintenance

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.13 - Dispose of slash as directed (12/05)

Slash is to be disposed of as directed by the Sale Administrator.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 3, 4, and 5, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen or dry conditions. This restriction is because of sensitive soils.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 9, and 11, 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.

5.2.32 - 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.

5.2.39 - ORV trail/route protection (4/18)

Trail 115 is an ORV trail or route and is shown on the Timber Sale Map. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

5.2.41 - Snowmobile trail protection (9/11)

Trail 115 is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

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 Cassidy Creek Road and Blomgren's Marsh 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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Trail 115 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Trail 115 prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

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

Sale Number	Year
12-011-23	2023

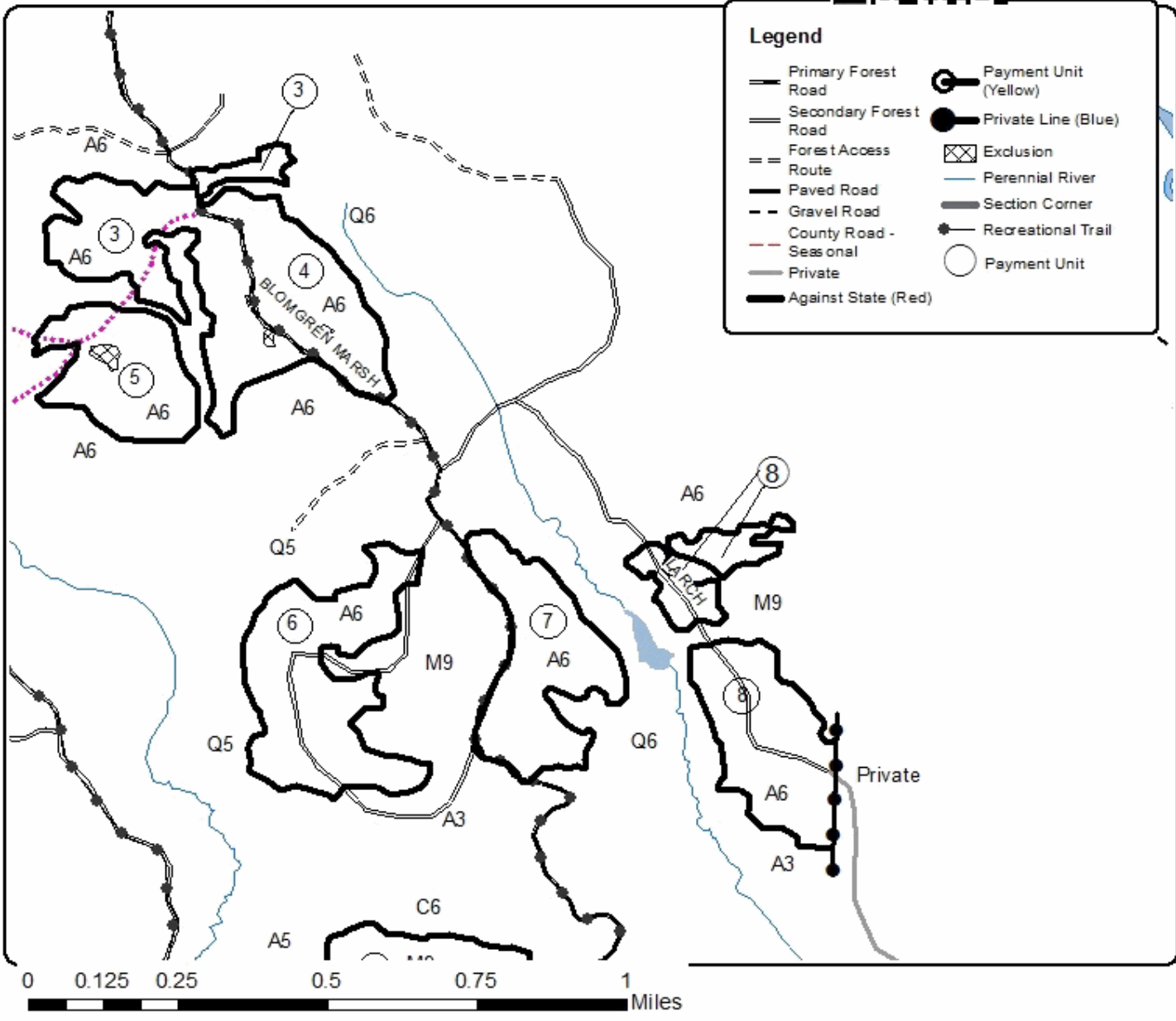
Forest Management Unit Escanaba Management Unit	County Dickinson Co.	Mapped By Dickie Goupell	Date 7/20/2023	Page 2	of 3
Township 40 N	Range 28 W	Section(s) and Subdivision(s) 5 SWSW 8 NENW, NENE, SESE 9 SWSW 16 W1/2NW SW, SE 17 NE, E 1/2SE, 21 NW, NENE, SWNE, NESW, N1/2SE 27 NW 28 E1/2NE	Scale 1:15,840		

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

PU Acres

1	19.5	7	48.9
2	6.0	8	36.9
3	44.2	9	21.8
4	33.6	10	20.7
5	27.7	11	16.3
6	47.6	12	46.9

Marsh Madness Compartment 91 Acres 370.3





TIMBER SALE MAP

Sale Number	Year
12-011-23	2023

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

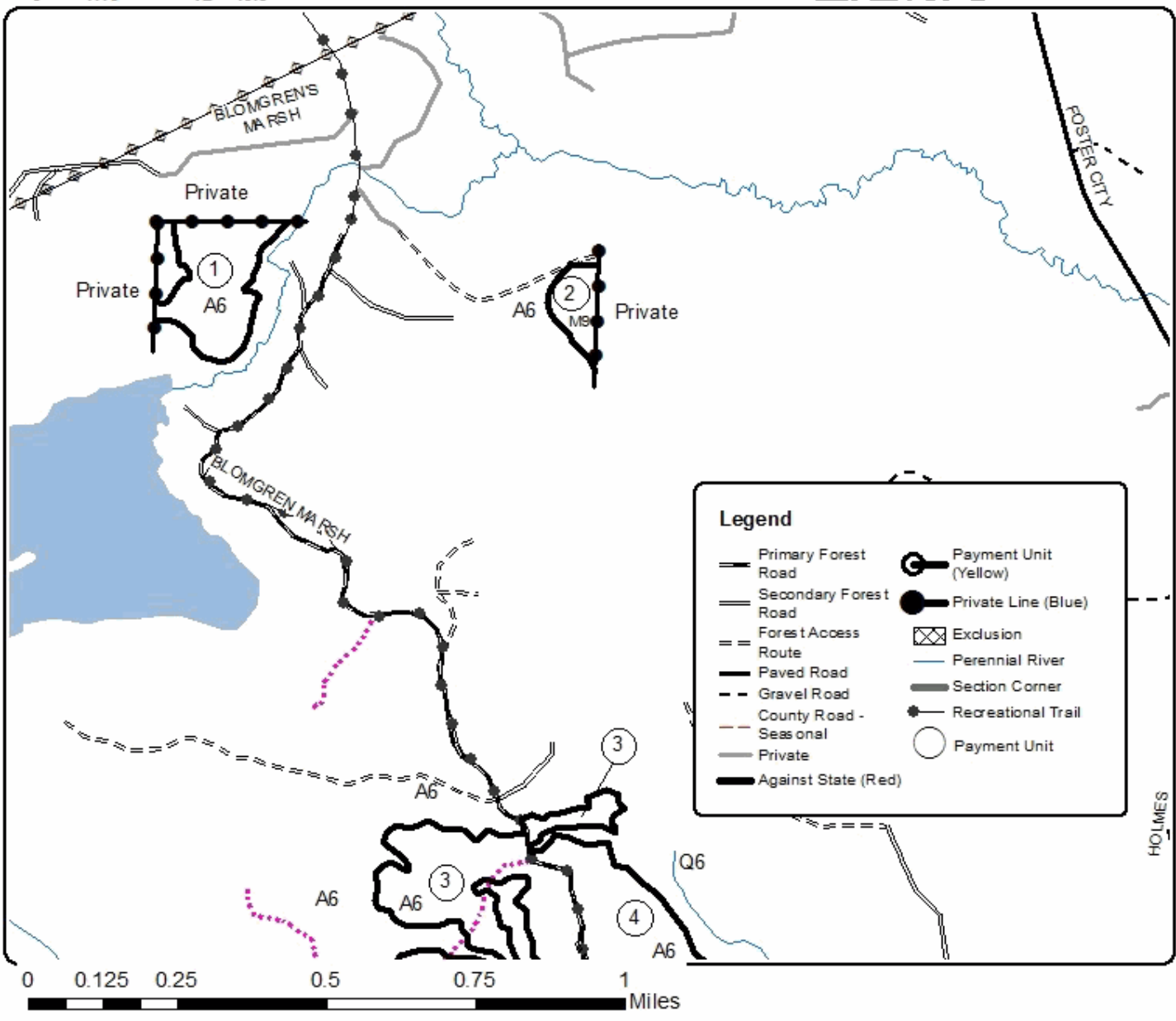
Forest Management Unit	County	Mapped By	Date	Page	of
Escanaba Management Unit	Dickinson Co.	Dickie Goupell	7/20/2023	1	3
Township	Range	Section(s) and Subdivision(s)	Scale		
40 N	28 W	5 SWSW 8 NENW, NENE, SESE 9 SWSW	W 28 E1/2NE	1:15,840	
		16 W1/2NW SW, SE 17 NE, E1/2SE, 21 NW, NENE, SWNE, NESW, N1/2SE 27			

Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
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C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor		
D = Tread Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium		
E = Swamp Hardwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well		
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water				
G = Grass	MD = Mixed Deciduous	T = Tamarack					

PU Acres

1	19.5	7	48.9
2	6.0	8	36.9
3	44.2	9	21.8
4	33.6	10	20.7
5	27.7	11	16.3
6	47.6	12	46.9

Marsh Madness Compartment 91 Acres 370.1





TIMBER SALE MAP

Sale Number	Year
12-011-23	2023

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

Forest Management Unit	County	Mapped By	Date	Page	of
Escanaba Management Unit	Dickinson Co.	Dickie Goupell	7/20/2023	3	3
		Cruised By			
		Dickie Goupell, J Siler			

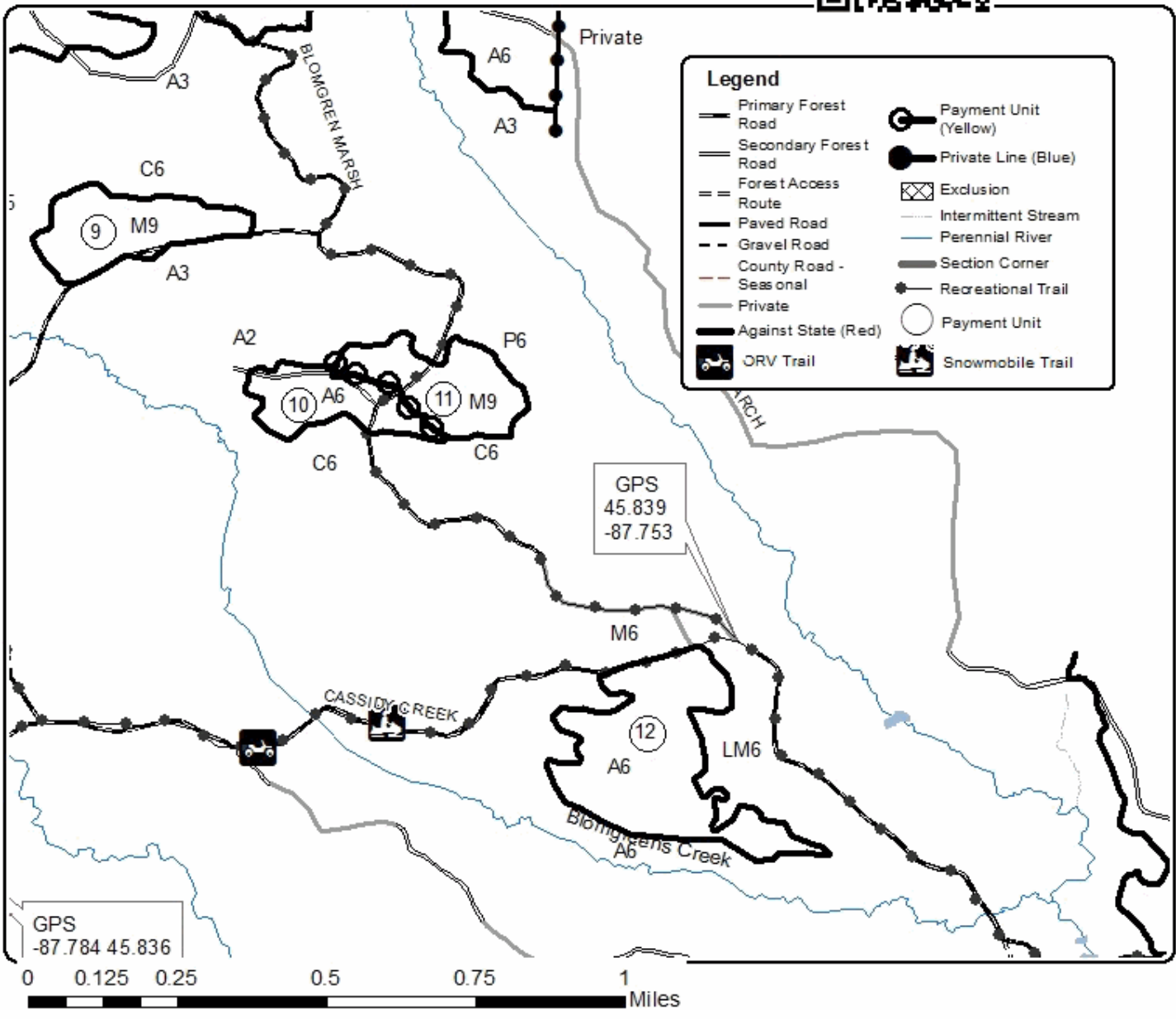
Township	Range	Section(s) and Subdivision(s)	Scale
40 N	28 W	5 SWSW 8 NENW, NENE, SESE 9 SWSW 16 W1/2NW SW, SE 17 NE, E1/2SE, 21 NW, NENE, SWNE, NESW, N1/2SE 27 NW 28 E1/2NE	1:15,840

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

PU Acres

1	19.5	7	48.9
2	6.0	8	36.9
3	44.2	9	21.8
4	33.6	10	20.7
4	27.7	11	16.3
6	47.6	12	46.9

Marsh Madness Compartment 91 Acres 370.1



TIMBER SALE INFORMATION

607 Hardwood (12-013-23)

T41N, R30W, SEC. 10; T41N, R30W, SEC. 8; T41N, R30W, SEC. 9.
Dickinson County (Advertised Price \$51,677.00)

SALE NOTE: 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		
Basswood	213.5 MBF	\$ 83.00 / MBF
Paper Birch	0.6 MBF	\$ 85.00 / MBF
Red Maple	0.4 MBF	\$ 67.00 / MBF
Sugar Maple	90.4 MBF	\$ 125.00 / MBF
White Ash	97.3 MBF	\$ 64.00 / MBF
Pulpwood		
Balsam Fir	15 Cords	\$ 7.45 / Cord
Basswood	739 Cords	\$ 5.40 / Cord
Mixed Aspen	150 Cords	\$ 20.00 / Cord
Mixed Hardwood	939 Cords	\$ 9.85 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 10.61 percent. There are an estimated 2,856 cords on this timber sale, plus or minus 303 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 \$3,500.00 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	30.4%
02	41.0%
03	14.8%
04	8.6%
05	5.2%
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
225,596	2,856	10.61%	2,552	3,159

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
4	160,704	2,034	13.15%	1,767	2,302
6	12,202	154	37.02%	97	212
21	52,690	667	16.36%	558	776
TOTAL:	225,596	2,856		2,422	3,289

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
4	220.8	1	94.1
		2	126.7
6	6.4	5	6.4
21	85.3	3	53.9
		4	31.4
TOTAL:	312.5		312.5

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Basswood	Sawtimber	68.8	MBF	94.1	\$15,696.70	
	Sugar Maple		29.3	MBF			
	White Ash		33.5	MBF			
	Balsam Fir		Pulpwood	3			Cords
	Basswood			257			Cords
	Mixed Aspen			6			Cords
	<i>B. T. Aspen</i>			6			Cords
	Mixed Hardwood			269			Cords
	<i>Red Maple</i>			3			Cords
	<i>Sugar Maple</i>			193			Cords
	<i>White Ash</i>			73			Cords
2	Basswood	Sawtimber		92.6	MBF	126.7	\$21,145.70
	Sugar Maple			39.5	MBF		
	White Ash		45.2	MBF			
	Balsam Fir		Pulpwood	4	Cords		
	Basswood			347	Cords		
	Mixed Aspen			9	Cords		
	<i>B. T. Aspen</i>			9	Cords		
	Mixed Hardwood			360	Cords		
	<i>Red Maple</i>			3	Cords		
	<i>Sugar Maple</i>			259	Cords		
	<i>White Ash</i>			98	Cords		
3	Basswood	Sawtimber		32.9	MBF	53.9	\$7,673.80
	Paper Birch			0.4	MBF		
	Red Maple		0.3	MBF			
	Sugar Maple		13.6	MBF			
	White Ash		11.8	MBF			
	Basswood		Pulpwood	85	Cords		
	Mixed Aspen			16	Cords		
	<i>Quaking Aspen</i>			16	Cords		
	Mixed Hardwood			168	Cords		
	<i>Ironwood</i>			1	Cords		
	<i>Paper Birch</i>			2	Cords		
	<i>Red Maple</i>			2	Cords		
	<i>Sugar Maple</i>			130	Cords		
<i>White Ash</i>	33	Cords					
4	Basswood	Sawtimber		19.2	MBF	31.4	\$4,467.80
	Paper Birch		0.2	MBF			
	Red Maple		0.1	MBF			
	Sugar Maple		8.0	MBF			
	White Ash		6.8	MBF			
	Basswood		Pulpwood	50	Cords		
	Mixed Aspen			9	Cords		
	<i>Quaking Aspen</i>			9	Cords		
	Mixed Hardwood			98	Cords		
	<i>Ironwood</i>			1	Cords		
	<i>Paper Birch</i>			1	Cords		
	<i>Red Maple</i>			1	Cords		
	<i>Sugar Maple</i>			75	Cords		
<i>White Ash</i>	20	Cords					
5	Balsam Fir	Pulpwood		8	Cords	6.4	\$2,693.00
	Mixed Aspen		110	Cords			
	<i>Balsam Poplar</i>		15	Cords			
	<i>Quaking Aspen</i>		95	Cords			
	Mixed Hardwood		44	Cords			
	<i>Red Maple</i>		2	Cords			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	<i>Sugar Maple</i>	<i>Pulpwood</i>	42	<i>Cords</i>		
TOTAL:			402.2	MBF		
TOTAL:			1,843	Cords		

Sale Specific Conditions & Requirements

Sale Name: 607 Hardwood

Sale Number: 12-013-23 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary lines against private property are marked with blue paint. Sale boundary lines against state land are marked with double red paint dots. Payment Unit lines are marked with double red paint slashes.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 5, cut all aspen, red maple, white birch, cherry, spruce, and balsam fir trees which meet minimum piece specifications in 2.2 Utilization (one 100" piece to a top diameter inside bark of 4 inches). Do not cut trees marked with green paint. No other tree species may be cut.

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

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

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH.

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. Chip piles must be removed within 60 days of the sale expiration. In addition, after chip pile removal, residual chip depth at the landing may not exceed 4 inches.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. No damage is acceptable to undesignated live merchantable trees. Liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged 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.

4.1.6 - Road construction (1/09)

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. Stumps shall be set upright, not left on edge, and be moved at least 5 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.12 - No new roads (1/12)

No new roads will be permitted. Existing overgrown roads may be opened up and utilized with approval from the sale

administrator.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land has been tentatively obtained by the DNR. It is the responsibility of the Purchaser to confirm permission and work with the private landowners. It is also the responsibility of the Purchaser to obtain any road use permits that may be required from GMO.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, the Sale Area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1 - 5, cutting, skidding, and hauling are not permitted from March 1 to December 1. If frozen ground with snow are not present by December 1, operations may not begin until winter frozen conditions are present. This restriction is to avoid resource damage during non frozen times of the year. If prolonged wet weather or warm conditions occur throughout the operating season, the sale administrator may suspend operations until favorable weather and ground conditions are present.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within any vernal pond areas or drainages. When harvesting occurs, there should be no disturbance to any vernal depression. All equipment, trees and tops should be kept out of this area, and within 100 feet, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.



TIMBER SALE MAP

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

Forest Management Unit ESCANABA - FELCH FIELD OFFICE		County DICKINSON	Mapped By Rice		Date 08/22/23	Page 1	of 2
Township 41N	Range 30W	Section(s) and Subdivision(s) SEE MAP			Scale 4 inches = 1 mile		
Cruised By VanNoss Forestry							

Cover Type

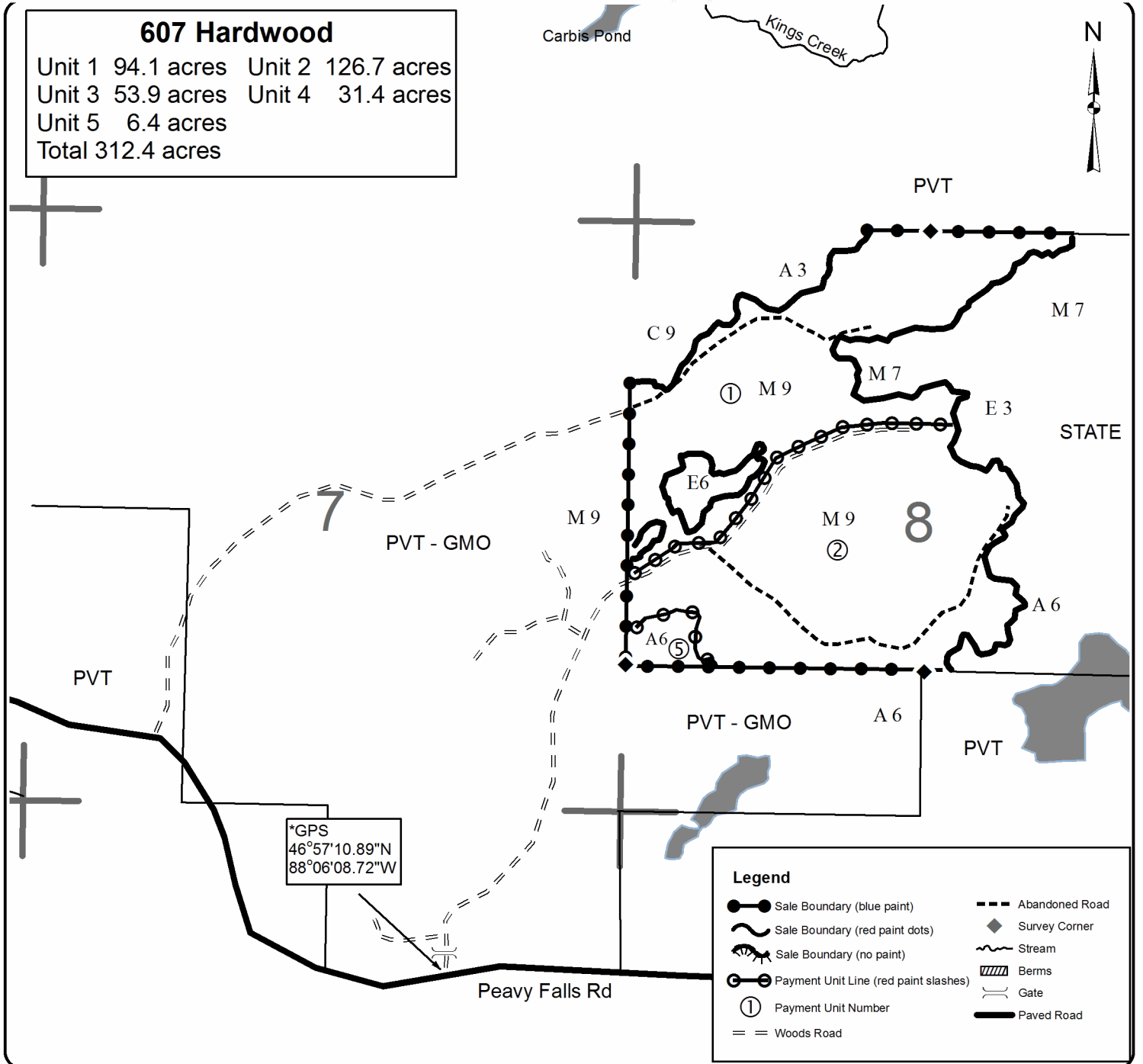
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

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

607 Hardwood

Unit 1 94.1 acres Unit 2 126.7 acres
 Unit 3 53.9 acres Unit 4 31.4 acres
 Unit 5 6.4 acres
 Total 312.4 acres



*GPS
 46°57'10.89"N
 88°06'08.72"W

Legend

Sale Boundary (blue paint)	Abandoned Road
Sale Boundary (red paint dots)	Survey Corner
Sale Boundary (no paint)	Stream
Payment Unit Line (red paint slashes)	Berms
Payment Unit Number	Gate
Woods Road	Paved Road



TIMBER SALE MAP

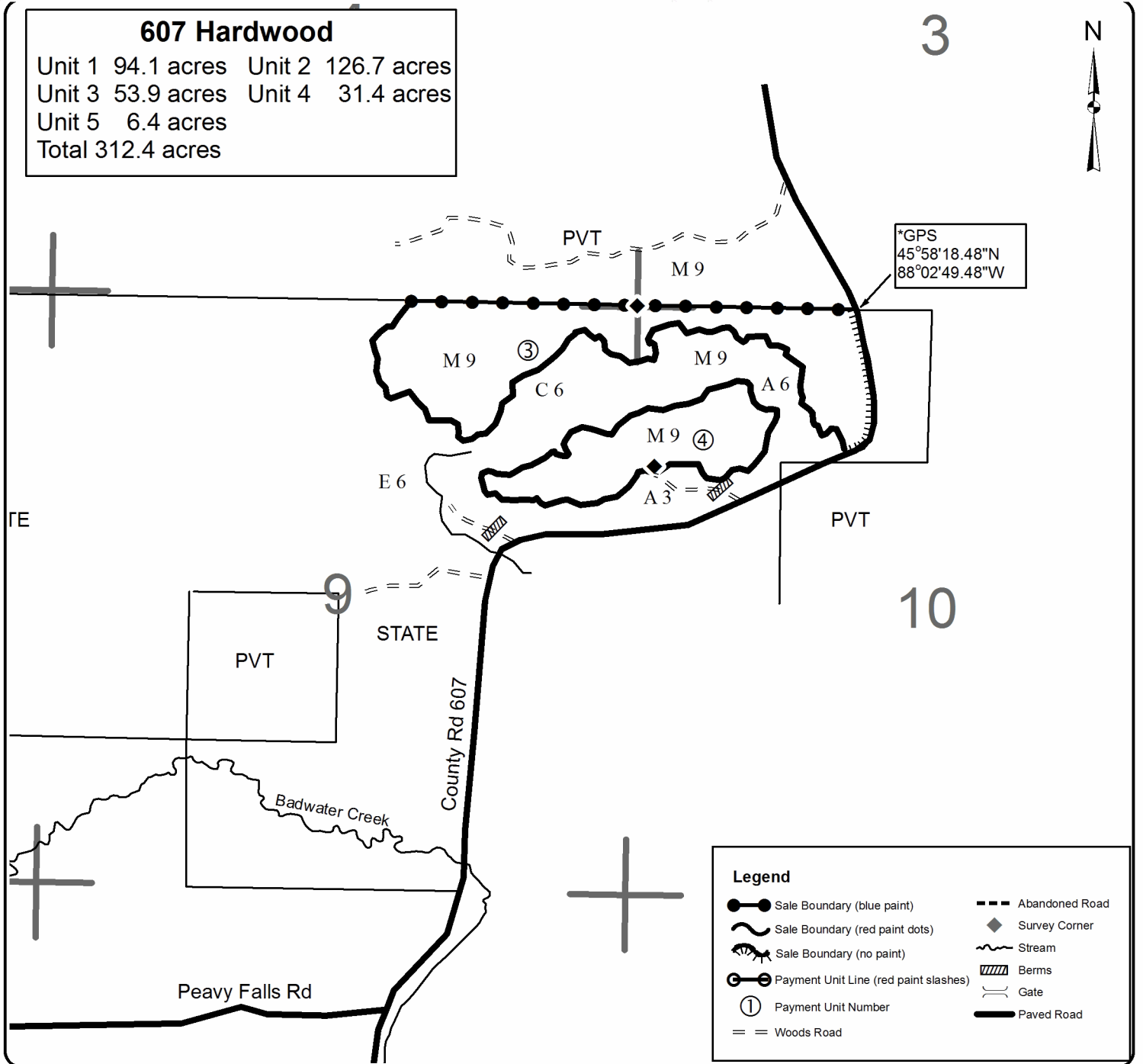
This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit ESCANABA - FELCH FIELD OFFICE	County DICKINSON	Mapped By Rice	Date 08/22/23	Page 2	of 2
Township 41N	Range 30W	Section(s) and Subdivision(s) SEE MAP	Scale 4 inches = 1 mile		
Cruised By VanNoss Forestry					

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

607 Hardwood

Unit 1 94.1 acres Unit 2 126.7 acres
 Unit 3 53.9 acres Unit 4 31.4 acres
 Unit 5 6.4 acres
 Total 312.4 acres



TIMBER SALE INFORMATION

Onlooking Owls (12-014-23)

T43N, R27W, SEC. 16; T43N, R27W, SEC. 9.
Dickinson County (Advertised Price \$42,207.30)

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	70.7 MBF	\$ 125.00 / MBF
Paper Birch	1.7 MBF	\$ 127.00 / MBF
Sugar Maple	80.8 MBF	\$ 188.00 / MBF
Pulpwood		
Balsam Fir	35 Cords	\$ 11.15 / Cord
Basswood	123 Cords	\$ 8.10 / Cord
Mixed Hardwood	872 Cords	\$ 14.75 / Cord
Paper Birch	7 Cords	\$ 5.25 / Cord
Quaking Aspen	119 Cords	\$ 30.10 / Cord
White Spruce	6 Cords	\$ 16.05 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.90 percent. There are an estimated 1,550 cords on this timber sale, plus or minus 185 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 \$2,110.00 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	21.5%
03	38.4%
04	16.7%
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
122,433	1,550	11.90%	1,365	1,734

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
4	97,754	1,237	13.02%	1,076	1,399
14	24,679	312	29.05%	222	403
TOTAL:	122,433	1,550		1,298	1,802

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
4	81.3	1	22.8
		2	21.0
		3	37.4
		4	0.1
14	26.7	3	0.1
		4	26.6
TOTAL:	108.0		108.0

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	15.1	MBF	22.8	\$9,862.40
	Sugar Maple		20.5	MBF		
	Balsam Fir	Pulpwood	9	Cords		
	Basswood		26	Cords		
	Mixed Hardwood		193	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>Black Cherry</i>	<i>Pulpwood</i>	3	<i>Cords</i>		
	<i>Ironwood</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		18	<i>Cords</i>		
	<i>Sugar Maple</i>		165	<i>Cords</i>		
	Quaking Aspen		32	Cords		
	2	Basswood	Sawtimber	13.9		
Sugar Maple			18.9	MBF		
Balsam Fir		Pulpwood	8	Cords		
Basswood			24	Cords		
Mixed Hardwood			179	Cords		
<i>Red Maple</i>		<i>Sawtimber</i>	0.2	<i>MBF</i>		
<i>Black Cherry</i>		<i>Pulpwood</i>	3	<i>Cords</i>		
<i>Ironwood</i>			7	<i>Cords</i>		
<i>Red Maple</i>			17	<i>Cords</i>		
<i>Sugar Maple</i>			152	<i>Cords</i>		
Quaking Aspen			29	Cords		
3		Basswood	Sawtimber	24.7	MBF	37.5
	Sugar Maple		33.6	MBF		
	Balsam Fir	Pulpwood	15	Cords		
	Basswood		44	Cords		
	Mixed Hardwood		319	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>Black Cherry</i>	<i>Pulpwood</i>	5	<i>Cords</i>		
	<i>Ironwood</i>		12	<i>Cords</i>		
	<i>Red Maple</i>		30	<i>Cords</i>		
	<i>Sugar Maple</i>		272	<i>Cords</i>		
	Quaking Aspen		52	Cords		
	4	Basswood	Sawtimber	17.0	MBF	
Paper Birch			1.7	MBF		
Sugar Maple			7.8	MBF		
Balsam Fir		Pulpwood	3	Cords		
Basswood			29	Cords		
Mixed Hardwood			180	Cords		
<i>White Ash</i>		<i>Sawtimber</i>	3.0	<i>MBF</i>		
<i>Ironwood</i>		<i>Pulpwood</i>	37	<i>Cords</i>		
<i>Sugar Maple</i>			134	<i>Cords</i>		
<i>White Ash</i>			3	<i>Cords</i>		
Paper Birch			7	Cords		
Quaking Aspen			6	Cords		
White Spruce		6	Cords			
TOTAL:			153.2	MBF		
TOTAL:			1,161	Cords		

Sale Specific Conditions & Requirements

Sale Name: Onlooking Owls

Sale Number: 12-014-23 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. 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.

2 - Timber Specifications

2.1 - Included Timber

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

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

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree saplings. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

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) 1-4, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 1. This restriction is because of bark slippage.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.



TIMBER SALE MAP

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

Forest Management Unit Escanaba FMU	County Dickinson	Mapped By Andy Church	Date 08/29/2023	Page 1	of 1
Township 43N	Range 27W	Section(s) and Subdivision(s) Sec 16: N1/2NE Sec 9: S1/2NW,SWNE,E1/2SW,NWSE,S1/2SE	Scale 1:15,840		

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

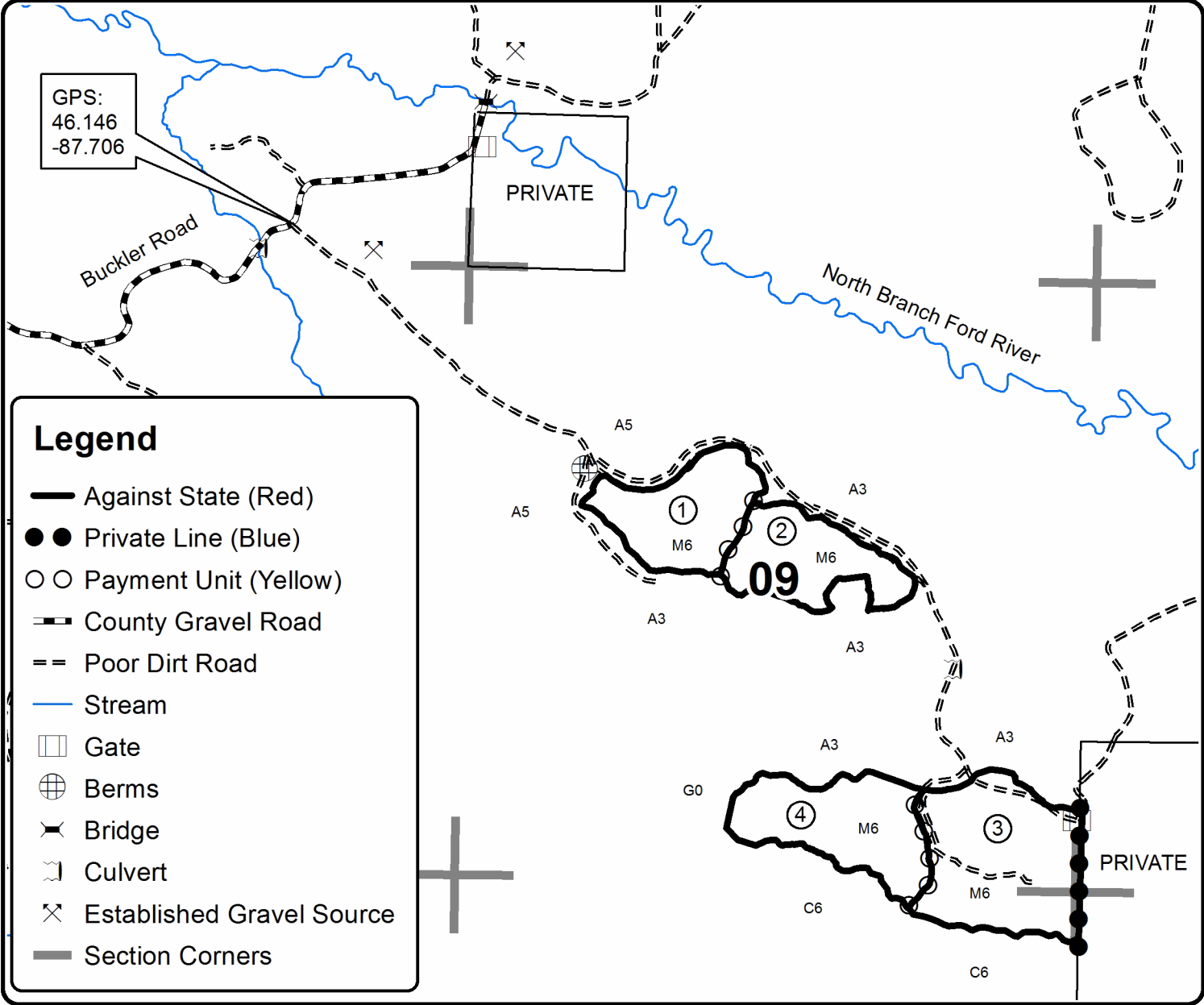
PU	Acres	PU	Acres
1	22.8	4	26.7
2	21.0		
3	37.5		

Onlooking Owls

Compartment 27

108.0 Acres

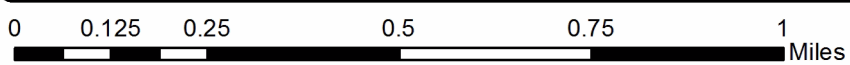
QR code for GeoRef PDF



GPS:
46.146
-87.706

Legend

- Against State (Red)
- Private Line (Blue)
- Payment Unit (Yellow)
- County Gravel Road
- == Poor Dirt Road
- Stream
- Gate
- ⊕ Berms
- ⊗ Bridge
- ⊘ Culvert
- ⊗ Established Gravel Source
- Section Corners



Big Stump Mix (12-003-23)

T44N, R29W, SEC. 10; T44N, R29W, SEC. 3; T44N, R29W, SEC. 4; T44N, R29W,

In response to the notice of sale to be held 3:00 p.m. (local time) on November 8, 2023, 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	65.4 MBF	\$ 125.00/MBF	\$ _____
Black Cherry	0.9 MBF	\$ 53.00/MBF	\$ _____
Paper Birch	44.1 MBF	\$ 127.00/MBF	\$ _____
Red Maple	82.3 MBF	\$ 101.00/MBF	\$ _____
Sugar Maple	201.2 MBF	\$ 188.00/MBF	\$ _____
Yellow Birch	0.6 MBF	\$ 108.00/MBF	\$ _____
Pulpwood			
Balsam Fir	77 Cords	\$ 11.15/Cord	\$ _____
Basswood	95 Cords	\$ 8.10/Cord	\$ _____
Mixed Aspen	2,502 Cords	\$ 30.10/Cord	\$ _____
Mixed Hardwood	2,057 Cords	\$ 14.75/Cord	\$ _____
Mixed Spruce	45 Cords	\$ 16.05/Cord	\$ _____
Paper Birch	250 Cords	\$ 5.25/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 9.31 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

607 Hardwood (12-013-23)

T41N, R30W, SEC. 10; T41N, R30W, SEC. 8; T41N, R30W, SEC. 9; Dickinson

In response to the notice of sale to be held 3:00 p.m. (local time) on November 8, 2023, 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	213.5 MBF	\$ 83.00/MBF	\$ _____
Paper Birch	0.6 MBF	\$ 85.00/MBF	\$ _____
Red Maple	0.4 MBF	\$ 67.00/MBF	\$ _____
Sugar Maple	90.4 MBF	\$ 125.00/MBF	\$ _____
White Ash	97.3 MBF	\$ 64.00/MBF	\$ _____
Pulpwood			
Balsam Fir	15 Cords	\$ 7.45/Cord	\$ _____
Basswood	739 Cords	\$ 5.40/Cord	\$ _____
Mixed Aspen	150 Cords	\$ 20.00/Cord	\$ _____
Mixed Hardwood	939 Cords	\$ 9.85/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 10.61 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

Picketline Popple (12-007-23)
T43N, R27W, SEC. 19; T43N, R27W, SEC. 20; Dickinson COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on November 8, 2023, 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>
<u>Pulpwood</u>			
Balsam Fir	304 Cords	\$ 11.15/Cord	\$ _____
Balsam Poplar	91 Cords	\$ 30.10/Cord	\$ _____
Basswood	23 Cords	\$ 8.10/Cord	\$ _____
Mixed Hardwood	281 Cords	\$ 14.75/Cord	\$ _____
Mixed Spruce	80 Cords	\$ 16.05/Cord	\$ _____
Paper Birch	17 Cords	\$ 5.25/Cord	\$ _____
Quaking Aspen	2,875 Cords	\$ 30.10/Cord	\$ _____
Tamarack	160 Cords	\$ 8.80/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 14.79 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

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- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

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 - 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

Onlooking Owls (12-014-23)
T43N, R27W, SEC. 16; T43N, R27W, SEC. 9; Dickinson COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on November 8, 2023, 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	70.7 MBF	\$ 125.00/MBF	\$ _____
Paper Birch	1.7 MBF	\$ 127.00/MBF	\$ _____
Sugar Maple	80.8 MBF	\$ 188.00/MBF	\$ _____
Pulpwood			
Balsam Fir	35 Cords	\$ 11.15/Cord	\$ _____
Basswood	123 Cords	\$ 8.10/Cord	\$ _____
Mixed Hardwood	872 Cords	\$ 14.75/Cord	\$ _____
Paper Birch	7 Cords	\$ 5.25/Cord	\$ _____
Quaking Aspen	119 Cords	\$ 30.10/Cord	\$ _____
White Spruce	6 Cords	\$ 16.05/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 11.90 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

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- All information must be typed or printed except for written signatures.

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 - 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

Marsh Madness (12-011-23)

T40N, R28W, SEC. 16; T40N, R28W, SEC. 17; T40N, R28W, SEC. 21; T40N,

In response to the notice of sale to be held 3:00 p.m. (local time) on November 8, 2023, 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	40.8 MBF	\$ 125.00/MBF	\$ _____
Paper Birch	60.7 MBF	\$ 127.00/MBF	\$ _____
Red Maple	69.7 MBF	\$ 101.00/MBF	\$ _____
Sugar Maple	64.4 MBF	\$ 188.00/MBF	\$ _____
White Ash	8.6 MBF	\$ 96.00/MBF	\$ _____
Pulpwood			
Balsam Fir	391 Cords	\$ 11.15/Cord	\$ _____
Basswood	72 Cords	\$ 8.10/Cord	\$ _____
Mixed Aspen	5,131 Cords	\$ 30.10/Cord	\$ _____
Mixed Hardwood	1,936 Cords	\$ 14.75/Cord	\$ _____
Mixed Spruce	67 Cords	\$ 16.05/Cord	\$ _____
Paper Birch	211 Cords	\$ 5.25/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 7.62 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