



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7365**

**SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on January 11, 2024.**

**LOCATION: PIGEON RIVER COUNTRY MGMT UNIT, PO BOX 456, 9966 TWIN LAKES ROAD, VANDERBILT, MI 49795.**

**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, PIGEON RIVER COUNTRY MANAGEMENT UNIT, for certain timber on the following described lands:

One Day Pine (53-007-24) / T32N, R01W, SEC. 15, E1/2SE.

Otsego County, Advertised Price \$8,140.85, 7.4 Acres, Red Pine, Hardwood.

Hot Tub Pine Machine (53-010-24) / T32N, R02W, SEC. 7 , S1/2NW,SW.

T32N, R03W, SEC. 12, E1/2SE.

Otsego County, Advertised Price \$114,496.15, 129.7 Acres, Red Pine, Hardwood.

SALE NOTE: Please note the chipping requirements in spec 2.2.2 and the regeneration protection comments in spec 3.4.1.

The Sharp Side of the Boom (53-011-23) / T32N, R01W, SEC. 6 , NWSW,S1/2SW.

T32N, R01W, SEC. 7 , NWNW.

Otsego County, Advertised Price \$12,807.90, 36.9 Acres, Hardwood, Aspen.

SALE NOTE: Oak wilt restriction on Payment Units 1-3. Roundwood harvesting restriction on Payment Unit 1.

Tuckered Out Mix (53-026-23) / T34N, R01E, SEC. 20, E1/2NW,NWNE,S1/2NE,NESE.

T34N, R01E, SEC. 21, SWNW.

Cheboygan County, Advertised Price \$24,643.50, 40.7 Acres, Red Pine, Aspen.

SALE NOTE: To promote soil scarification, cutting and skidding are limited to snow-off and ground not frozen conditions in Payment Unit 2 (see spec 5.2.3.1). It is recommended that whole-tree equipment/operations take place in Payment Unit 2. If this isn't possible, then tracked processors/forwarders are strongly recommended (see spec 5.2.16). See sale condition 4.1.4 regarding timber removed for skid trail access to the larger, southern portion of Payment Unit 3.

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

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

Bids must be received by the Unit Manager, PIGEON RIVER COUNTRY OFFICE, PO Box 456 9966 Twin Lakes Road, Vanderbilt, MI 49795, no later than 9:00 a.m. (local time) on January 11, 2024. For further information concerning this sale, contact Mark Monroe at 989-983-4101 extension .

### 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](http://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](http://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

One Day Pine (53-007-24)  
 T32N, R01W, SEC. 15.  
 Otsego County (Advertised Price \$8,140.85)

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Pine	34.1 MBF	\$ 138.00 / MBF
Pulpwood		
Red Maple	12 Cords	\$ 17.25 / Cord
Red Pine	63 Cords	\$ 48.75 / Cord
White Pine	7 Cords	\$ 22.40 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 40.95 percent. There are an estimated 141 cords on this timber sale, plus or minus 58 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 \$814.00 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 remainder is due before cutting begins.
  - (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	100.0%
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
11,117	141	40.95%	83	198

**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
57	11,117	141	40.95%	83	198
<b>TOTAL:</b>	<b>11,117</b>	<b>141</b>		<b>83</b>	<b>198</b>

**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
57	7.4	1	7.4
<b>TOTAL:</b>	<b>7.4</b>		<b>7.4</b>

**DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	34.1	MBF	7.4	\$8,140.85
	Red Maple	Pulpwood	12	Cords		
	Red Pine		63	Cords		
	White Pine		7	Cords		
TOTAL:			34.1	MBF		
TOTAL:			82	Cords		

## Sale Specific Conditions & Requirements

Sale Name: One Day Pine

Sale Number: 53-007-24 Seq#: 1

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (9/19)

The sale boundary is marked and identified by red paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

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

#### 2.2 - Utilization

##### 2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

##### 2.2.7 - Uncut designated trees (2/04)

Liquidated damages of \$5.00 per tree will be assessed for every marked tree not cut.

### 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. 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

##### 4.1.3 - 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.

##### 4.1.12 - No new roads (1/12)

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

#### 4.2 - Maintenance

##### 4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

#### 4.4 - Access

##### 4.4.3 - Access gate (12/08)

The access gate must be locked at the completion of each day unless otherwise approved by the Unit Manager or his/her representative.

### 5 - Operations

## 5.2 - Conduct of Operations

### 5.2.1 - Slash

#### 5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in the maintained wildlife opening which is indicated by G0 on the Timber Sale Map. In addition, all hauling and equipment operations are limited to the north and east edges of the opening. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 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

#### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) #1, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

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

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

## 5.4 - 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 25 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

## 5.8 - Protection of Endangered Species

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

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

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15 (NLP). Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Sturgeon Valley Road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.





# TIMBER SALE MAP

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

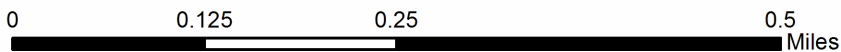
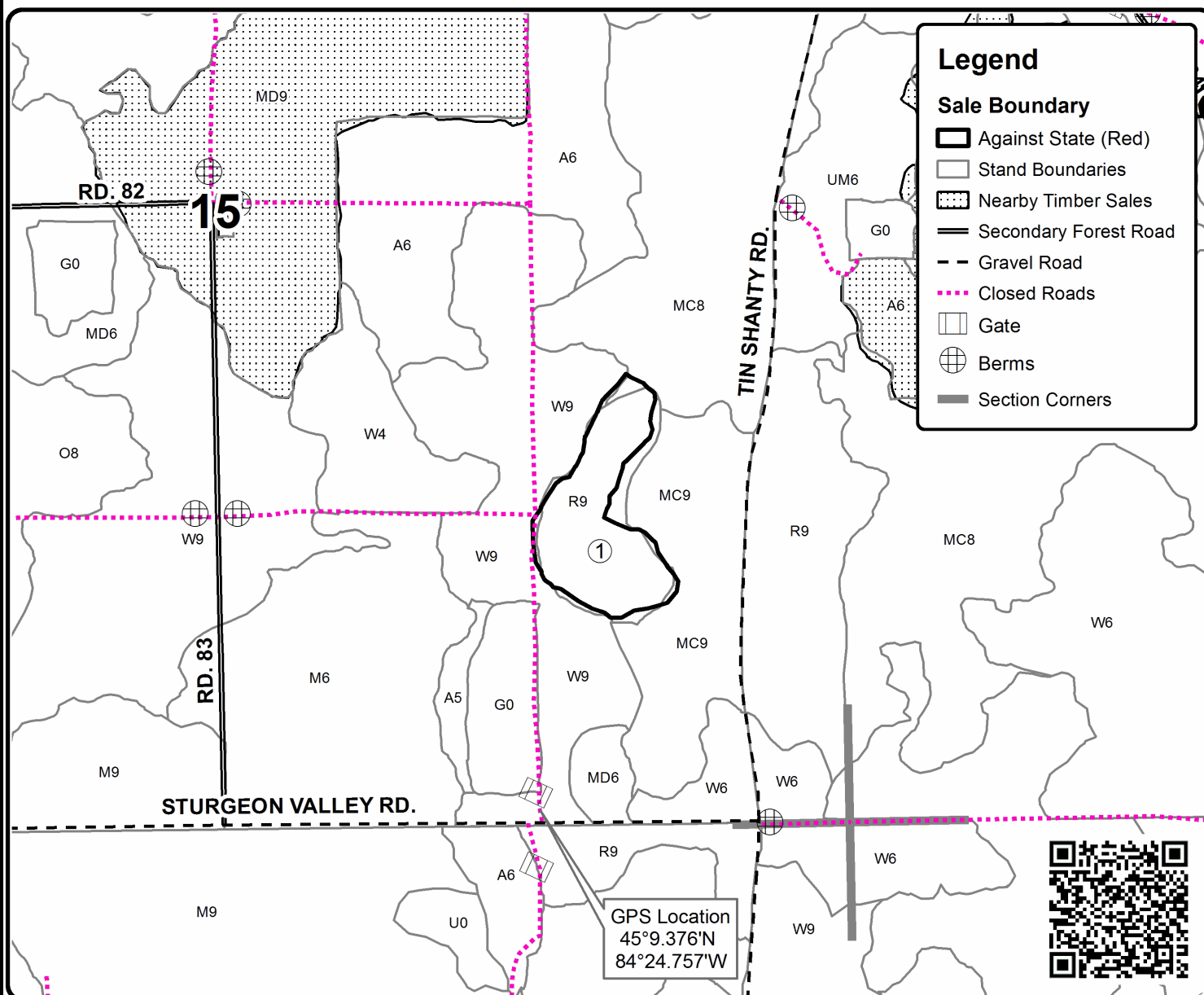
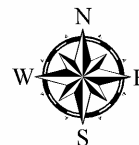
Forest Management Unit Pigeon River Country		County Otsego	Mapped By Rekowski	Date 08/29/2023	Page 1	of 1
Township 32N	Range 01W	Section(s) and Subdivision(s) 15: E1/2SE		Scale 1:7,920		
Cruised By Rekowski						

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 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**  
1 7.4

## One Day Pine

Compartment 037  
7.4 Acres





## TIMBER SALE INFORMATION

Hot Tub Pine Machine (53-010-24)  
T32N, R02W, SEC. 7; T32N, R03W, SEC. 12.  
Otsego County (Advertised Price \$114,496.15)

SALE NOTE: Please note the chipping requirements in spec 2.2.2 and the regeneration protection comments in spec 3.4.1.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Maple	11.5 MBF	\$ 55.00 / MBF
Red Pine	367.3 MBF	\$ 138.00 / MBF
Pulpwood		
Mixed Hardwood	185 Cords	\$ 17.25 / Cord
Quaking Aspen	25 Cords	\$ 24.30 / Cord
Red Pine	1,218 Cords	\$ 48.75 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 22.93 percent. There are an estimated 2,316 cords on this timber sale, plus or minus 531 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 \$11,450.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	8.9%
02	17.3%
03	21.8%
04	17.9%
05	30.9%
06	3.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

### **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
182,966	2,316	22.93%	1,785	2,847

**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
24	5,543	70	64.38%	25	115
48	159,848	2,023	18.91%	1,641	2,406
56	17,576	222	45.20%	122	323
<b>TOTAL:</b>	<b>182,966</b>	<b>2,316</b>		<b>1,788</b>	<b>2,844</b>

**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
24	3.7	6	3.7
48	108.1	1	10.7
		2	20.8
		3	26.2
		4	13.0
		5	37.4
56	17.9	4	17.9
<b>TOTAL:</b>	<b>129.7</b>		<b>129.7</b>

**DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	0.7	MBF	10.7	\$10,153.15
	Red Pine		34.6	MBF		
	Mixed Hardwood	Pulpwood	10	Cords		
	<i>Sugar Maple</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Red Maple</i>		8	<i>Cords</i>		
	<i>Sugar Maple</i>		1	<i>Cords</i>		
	Quaking Aspen		2	Cords		
	Red Pine		105	Cords		
2	Red Maple	Sawtimber	1.4	MBF	20.8	\$19,775.90
	Red Pine		67.3	MBF		
	Mixed Hardwood	Pulpwood	20	Cords		
	<i>Sugar Maple</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	<i>Red Maple</i>		15	<i>Cords</i>		
	<i>Sugar Maple</i>		2	<i>Cords</i>		
	Quaking Aspen		5	Cords		
	Red Pine		204	Cords		
3	Red Maple	Sawtimber	1.8	MBF	26.2	\$24,907.20
	Red Pine		84.8	MBF		
	Mixed Hardwood	Pulpwood	25	Cords		
	<i>Sugar Maple</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	<i>Red Maple</i>		19	<i>Cords</i>		
	<i>Sugar Maple</i>		3	<i>Cords</i>		
	Quaking Aspen		6	Cords		
	Red Pine		257	Cords		
4	Red Maple	Sawtimber	5.1	MBF	30.9	\$20,529.90
	Red Pine		52.5	MBF		
	Mixed Hardwood	Pulpwood	94	Cords		
	<i>Sugar Maple</i>	<i>Sawtimber</i>	1.2	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Red Maple</i>		56	<i>Cords</i>		
	<i>Sugar Maple</i>		35	<i>Cords</i>		
	Quaking Aspen		3	Cords		
	Red Pine		232	Cords		
5	Red Maple	Sawtimber	2.5	MBF	37.4	\$35,500.45
	Red Pine		121.0	MBF		
	Mixed Hardwood	Pulpwood	35	Cords		
	<i>Sugar Maple</i>	<i>Sawtimber</i>	0.7	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	3	<i>Cords</i>		
	<i>Red Maple</i>		27	<i>Cords</i>		
	<i>Sugar Maple</i>		4	<i>Cords</i>		
	Quaking Aspen		9	Cords		
	Red Pine		366	Cords		
6	Red Pine	Sawtimber	7.1	MBF	3.7	\$3,612.30
	Red Pine	Pulpwood	54	Cords		
TOTAL:			378.8	MBF		
TOTAL:			1,427	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Hot Tub Pine Machine**

**Sale Number: 53-010-24 Seq#: 1**

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. Red painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid, except do not cut the yellow painted trees that designate the boundary between Payment Units 3 & 6.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1-2 & 4-5, cut all trees that are one (1) inch or more at DBH, except do not cut basswood, red oak, white pine, trees marked with green paint, or any black cherry that are eight (8) inches or more at DBH.

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

Within Payment Unit(s) 6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

##### 2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 3, all trees with DBH equal to or greater than 4 inches which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except do not cut trees marked with green paint, any white pine or black cherry eight (8) inches or more at DBH.

#### 2.2 - Utilization

##### 2.2.2 - Chipping required (2/18)

Payment Unit 1-2 & 4-5 must be chip harvested to facilitate subsequent planting operations. Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping in order to minimize the amount of residual slash. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter does not apply (G. C. & R. 2.2). This is because of post-harvest tree planting within the Sale Area.

##### 2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

### 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. 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.

In addition, extreme care should be taken to avoid damage to red pine seedlings and saplings, which are abundant in scattered pockets throughout the Sale Area, particularly in Payment Units 2-3. As much red pine regeneration as possible should be protected from damage in Payment Unit 3. In the remainder of the Payment Units, pockets of red pine regeneration greater than 20x20 feet must be protected. Individual red pine saplings do not need to be protected and groups of saplings smaller in size than 20x20 feet do not need to be protected in these Payment Units. Within the Sale Area, if more than 20% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be

assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged.

### 3.6 - Payment Unit Cutting Schedule

#### 3.6.8 - Operating period (5/16)

Once cutting begins, operations must continue until all Payment Units are completed. This requirement is for post-harvest tree planting in the Sale Area.

## 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.

#### 4.1.12 - No new roads (1/12)

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

### 4.2 - Maintenance

#### 4.2.1 - Hauling restriction (12/08)

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

#### 4.2.4 - Grading (10/16)

For completion of the sale, and if deemed necessary by the Timber Sale Administrator, 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. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

#### 4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

### 4.4 - Access

#### 4.4.3 - Access gate (12/08)

The access gates must be locked at the completion of each day unless otherwise approved by the Unit Manager or his/her representative.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in the maintained wildlife opening which is indicated by "G0" on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 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

##### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 6, 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.

### 5.4 - 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 25 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.

#### 5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

### 5.8 - Protection of Endangered Species

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

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

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15 (NLP). Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

## 7 - Other Conditions

### 7.3 - Contract Modifications

#### 7.3.3 - Modification for reforestation (8/05)

When contractual work of Purchaser has been accepted for any Payment Unit identified on Sale Area Map, Payment Unit will be eliminated from the Sale Area on written notice so that reforestation operations can begin.

## 8 - Performance and Settlement

### 8.3 - Uncompleted or Terminated Contracts

#### 8.3.1 - Completion of contract, chipping (1/16)

In addition to cutting, all chipping must be completed by the contract expiration date. If chipping has not been completed, an extension fee or damages may be charged per General Condition & Requirement 7.2 and 8.3.





### TIMBER SALE MAP

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

Sale Number

**53-010-24**

Date

09/28/2023

Forest Management Unit

County

Mapped By: Rekowski

Pigeon River Country Mgt Unit

Otsego

Cruised By: Rekowski

Scale

1:20,000

Page

1

Of

1

Township  
32N

Range  
02W /

Section(s) and  
Subdivision(s) Sec. 12 E1/2SE; Sec. 7 S1/2NW,SW;

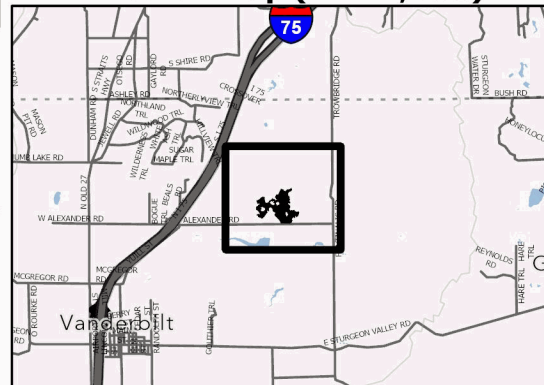
#### Cover Type

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

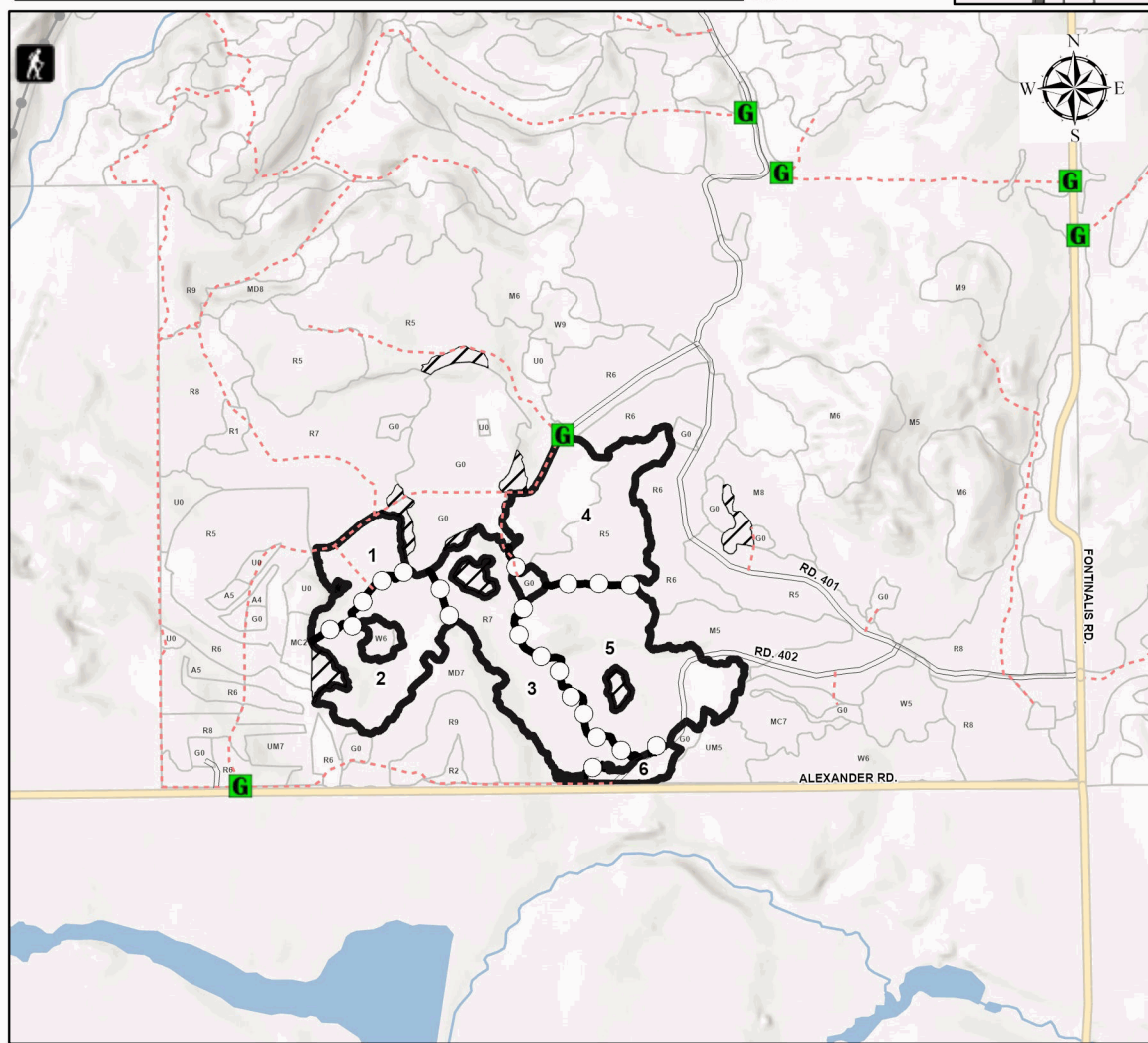
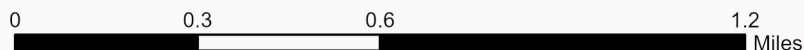
#### Locator Map (1:200,000)



## Hot Tub Pine Machine

129.7 Acres

PU #	Acres	PU #	Acres
1	10.7	4	30.9
2	20.7	5	37.4
3	26.2	6	3.7



#### Legend

- Sale Boundary (Red)
- Payment Unit (Yellow)
- Retention Areas (Red)
- Stand
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private Road
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- Gate

Use QR Code to open Map in App





## TIMBER SALE INFORMATION

The Sharp Side of the Boom (53-011-23)  
 T32N, R01W, SEC. 6; T32N, R01W, SEC. 7.  
 Otsego County (Advertised Price \$12,807.90)

SALE NOTE: Oak wilt restriction on Payment Units 1-3. Roundwood harvesting restriction on Payment Unit 1.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Mixed Aspen	45.4 MBF	\$ 30.00 / MBF
Red Maple	6.5 MBF	\$ 33.00 / MBF
Red Oak	3.6 MBF	\$ 56.00 / MBF
Red Pine	36.4 MBF	\$ 83.00 / MBF
White Pine	13.4 MBF	\$ 65.00 / MBF
Pulpwood		
Balsam Fir	13 Cords	\$ 15.25 / Cord
Mixed Aspen	89 Cords	\$ 14.60 / Cord
Mixed Hardwood	278 Cords	\$ 10.35 / Cord
Paper Birch	6 Cords	\$ 9.40 / Cord
Red Oak	5 Cords	\$ 18.90 / Cord
Red Pine	64 Cords	\$ 29.25 / Cord
White Pine	55 Cords	\$ 13.45 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 22.08 percent. There are an estimated 748 cords on this timber sale, plus or minus 165 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 \$1,281.00 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	49.2%
02	38.5%
03	12.3%
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
59,125	748	22.08%	583	914

**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
2	10,495	133	26.89%	97	169
10	20,951	265	34.39%	174	356
15	27,679	350	19.21%	283	418
<b>TOTAL:</b>	<b>59,125</b>	<b>748</b>		<b>554</b>	<b>943</b>

**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
2	3.9	3	3.9
10	22.1	1	22.1
15	10.9	2	10.9
<b>TOTAL:</b>	<b>36.9</b>		<b>36.9</b>

**DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Mixed Aspen	Sawtimber	3.8	MBF	22.1	\$6,294.80			
	<i>B. T. Aspen</i>		2.8	<i>MBF</i>					
	<i>Quaking Aspen</i>		1.0	<i>MBF</i>					
	Red Oak		1.0	MBF					
	Red Pine		33.6	MBF					
	White Pine		4.6	MBF					
	Balsam Fir		Pulpwood	3			Cords		
	Mixed Aspen			20			Cords		
	<i>B. T. Aspen</i>			16			<i>Cords</i>		
	<i>Quaking Aspen</i>			4			<i>Cords</i>		
	Mixed Hardwood			55			Cords		
	<i>Red Maple</i>			55			<i>Cords</i>		
	Red Oak			1			Cords		
	Red Pine			57			Cords		
	White Pine			33			Cords		
	2			Mixed Aspen			Sawtimber	28.4	MBF
<i>B. T. Aspen</i>		22.4	<i>MBF</i>						
<i>Quaking Aspen</i>		6.0	<i>MBF</i>						
Red Maple		4.4	MBF						
Red Oak		2.6	MBF						
Red Pine		2.8	MBF						
White Pine		8.8	MBF						
Balsam Fir		Pulpwood	10	Cords					
Mixed Aspen			50	Cords					
<i>B. T. Aspen</i>			33	<i>Cords</i>					
<i>Quaking Aspen</i>			17	<i>Cords</i>					
Mixed Hardwood			154	Cords					
<i>Sugar Maple</i>			Sawtimber	0.8	<i>MBF</i>				
<i>Red Maple</i>				Pulpwood	129	<i>Cords</i>			
<i>Sugar Maple</i>					23	<i>Cords</i>			
Paper Birch			6	Cords					
Red Oak			4	Cords					
Red Pine		7	Cords						
White Pine	13	Cords							
3	Mixed Aspen	Sawtimber	13.2	MBF	3.9	\$1,577.90			
	<i>B. T. Aspen</i>		7.1	<i>MBF</i>					
	<i>Quaking Aspen</i>		6.1	<i>MBF</i>					
	Red Maple		2.1	MBF					
	Mixed Aspen		Pulpwood	19			Cords		
	<i>B. T. Aspen</i>			12			<i>Cords</i>		
	<i>Quaking Aspen</i>			7			<i>Cords</i>		
	Mixed Hardwood			69			Cords		
	<i>Red Maple</i>			54			<i>Cords</i>		
	<i>Sugar Maple</i>			15			<i>Cords</i>		
White Pine	9	Cords							
TOTAL:			105.3	MBF					
TOTAL:			510	Cords					

## Sale Specific Conditions & Requirements

**Sale Name: The Sharp Side of the Boom**

**Sale Number: 53-011-23 Seq#: 2**

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red paint. Retention patches are marked with red paint (X's); 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.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 2 and 3, cut all trees that are two (2) inches or more at DBH, except do not cut trees marked with green paint above and below stump height. In addition, within Payment Unit 3, do not cut any oak. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

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

#### 2.2 - Utilization

##### 2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit 1. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length. Trees must be harvested or cut to length with in-woods processor in order to retain existing understory.

### 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. 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.

##### 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 in Payment Units 2 & 3, and any oak trees in Payment Unit 3. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$500 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

##### 4.1.12 - 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

##### 4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

### 5 - Operations

#### 5.2 - Conduct of Operations

##### 5.2.1 - Slash

###### 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. In addition, any oak trees cut shall have it's own top or an accumulation of adjacent tops piled onto the cut oak stump. It shall be done so in a way to create a mound of slash centered on the stump to help facilitate stump sprouting regeneration. Also, 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

###### 5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 1-3, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

##### 5.2.4 - Dead and Down Creation

###### 5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

###### 5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over trees marked with pink paint or pink painted "D"s. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over. These trees should be pushed over after all designated trees have been cut and skidded to reduce the likelihood of additional damage after felling.

If it becomes impractical or impossible to push trees over, severing or partially severing the tree is acceptable.

##### 5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

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

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

#### 5.4 - Soil Protection

##### 5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 25 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

## 5.8 - Protection of Endangered Species

### 5.8.5 - Protection of raptor nests (3/13)

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

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Range Line Road and Elkhorn Trail prior to beginning operations. The road must be posted at the above mentioned locations to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. Locations can be verified and agreed upon during pre-conference meeting





# TIMBER SALE MAP

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

Forest Management Unit Pigeon River State Forest	County Otsego	Mapped By Halabut	Date 08/29/2023	Page 1	of 1
Township 32N	Range 01W	Section(s) and Subdivision(s) 06: NWSW,S1/2SW; 07: NWNW	Scale 1:15,840		

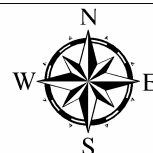
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	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
1	22.1
2	10.9
3	3.9

## The Sharp Side of the Boom

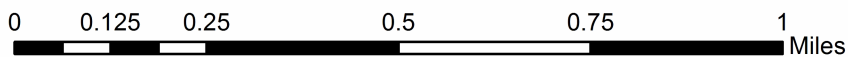
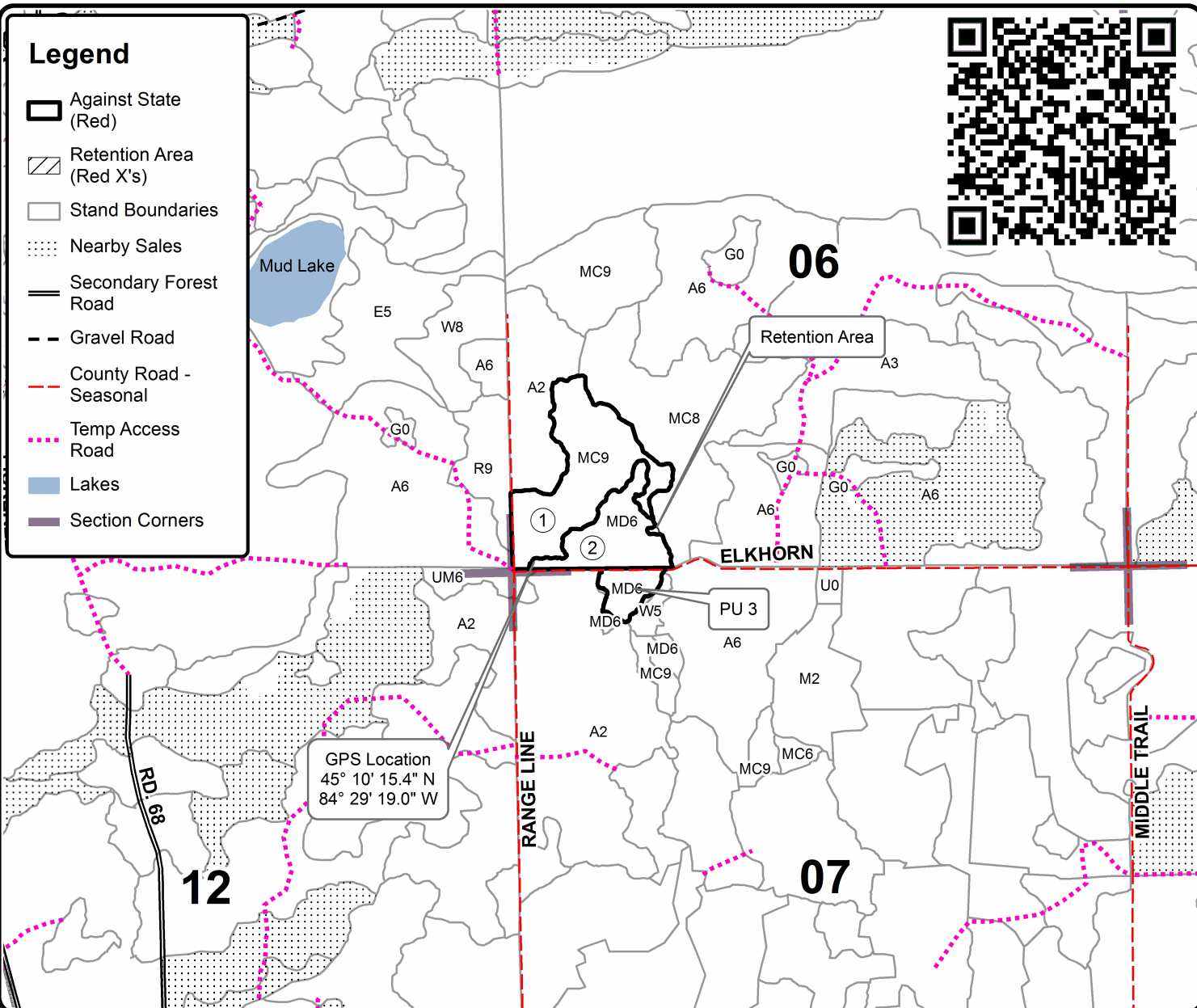
### Compartment 032 and 034

### 36.9 Acre



### Legend

- Against State (Red)
- Retention Area (Red X's)
- Stand Boundaries
- Nearby Sales
- Secondary Forest Road
- Gravel Road
- County Road - Seasonal
- Temp Access Road
- Lakes
- Section Corners





## TIMBER SALE INFORMATION

Tuckered Out Mix (53-026-23)  
T34N, R01E, SEC. 20; T34N, R01E, SEC. 21.  
Cheboygan County (Advertised Price \$24,643.50)

SALE NOTE: To promote soil scarification, cutting and skidding are limited to snow-off and ground not frozen conditions in Payment Unit 2 (see spec 5.2.3.1). It is recommended that whole-tree equipment/operations take place in Payment Unit 2. If this isn't possible, then tracked processors/forwarders are strongly recommended (see spec 5.2.16). See sale condition 4.1.4 regarding timber removed for skid trail access to the larger, southern portion of Payment Unit 3.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Oak	31.8 MBF	\$ 93.00 / MBF
Pulpwood		
Jack Pine	38 Cords	\$ 12.85 / Cord
Mixed Aspen	219 Cords	\$ 24.30 / Cord
Mixed Hardwood	128 Cords	\$ 17.25 / Cord
Red Oak	33 Cords	\$ 31.45 / Cord
Red Pine	243 Cords	\$ 48.75 / Cord
White Pine	35 Cords	\$ 22.40 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 38.30 percent. There are an estimated 777 cords on this timber sale, plus or minus 298 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 \$2,464.00 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	41.2%
02	21.6%
03	37.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

### **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
61,400	777	38.30%	479	1,075

**VDU VOLUMES**

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
1	31,890	404	42.97%	230	577
31	14,518	184	48.98%	94	274
33	14,993	190	37.06%	119	260
<b>TOTAL:</b>	<b>61,400</b>	<b>777</b>		<b>443</b>	<b>1,111</b>

**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	16.8	1	16.8
31	13.5	2	13.5
33	10.4	3	10.4
<b>TOTAL:</b>	<b>40.7</b>		<b>40.7</b>

**DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	31.8	MBF	16.8	\$10,145.45
	Jack Pine	Pulpwood	8	Cords		
	<i>Balsam Fir</i>		2	<i>Cords</i>		
	<i>Jack Pine</i>		6	<i>Cords</i>		
	Mixed Aspen		158	Cords		
	<i>B. T. Aspen</i>		139	<i>Cords</i>		
	<i>Quaking Aspen</i>		19	<i>Cords</i>		
	Mixed Hardwood		128	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	4.0	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	111	<i>Cords</i>		
	<i>Sugar Maple</i>		9	<i>Cords</i>		
	Red Oak		33	Cords		
	2	Jack Pine	Pulpwood	30		
<i>Jack Pine</i>			30	<i>Cords</i>		
Mixed Aspen			61	Cords		
<i>B. T. Aspen</i>			59	<i>Cords</i>		
<i>Quaking Aspen</i>			2	<i>Cords</i>		
Red Pine			55	Cords		
<i>Red Pine</i>			55	<i>Cords</i>		
White Pine			35	Cords		
<i>White Pine</i>		<i>Sawtimber</i>	4.3	<i>MBF</i>		
<i>White Pine</i>		<i>Pulpwood</i>	26	<i>Cords</i>		
3	Red Pine	Pulpwood	188	Cords	10.4	\$9,165.00
	<i>Red Pine</i>	<i>Sawtimber</i>	5.9	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	176	<i>Cords</i>		
TOTAL:			31.8	MBF		
TOTAL:			696	Cords		

## Sale Specific Conditions & Requirements

Sale Name: Tuckered Out Mix

Sale Number: 53-026-23 Seq#: 1

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and blue paint. Exterior sale boundary lines against private property in Payment Units 1, 2 and 3 are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Tucker Rd serves as an un-painted boundary line along northern portions of Payment Unit 1. This un-painted boundary is shown on the Timber Sale Map. Interior retention islands in Payment Unit 1 are marked with red painted X's. Boundary excluded retention is present within Payment Unit 1 as well. All retention areas are shown on the Timber Sale Map. No harvesting activities may occur within these areas. The red and blue painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH except DO NOT CUT any trees marked with Green Paint.

- See Sale Condition 3.4.1 - "Damaged Timber" regarding oak and pine sapling protection within Payment Unit 1.

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

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

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

Within Payment Unit(s) 2, cut all trees that are two (2) inches or more at DBH except DO NOT CUT trees marked with Green Paint.

##### 2.1.11 - Description of timber note (2/04)

Note that Jack Pine pulpwood total includes 2 Cords of Balsam Fir pulpwood.

### 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. No damage is acceptable to undesignated live merchantable trees and designated retention areas.

Within the Sale Area, if more than 5% 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.

In addition, Extreme Care should be taken to avoid damage to Oak and Pine saplings in Payment Unit 1. As much as possible, harvesting operations should try to go around pockets that are heavy with oak and pine saplings, many of which are 10-20+ feet tall. Within Payment Units 1, if more than 50% of Oak and Pine saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged. Saplings cut cleanly in skid rows for operability will not be counted as 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.

### 4.1.4 - 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. Skid Trail access to the larger southern portion of Payment Unit 3, which is blocked by a seasonally flooded drainage corridor, might be possible depending on the time of year. About a half-dozen (~6) merchantable trees have been marked with orange paint across the drainage corridor, in an attempt to provide a shorter access route to Payment Unit 3. The location(s) of orange marked trees/possible skid trail access is shown on the Timber Sale Map. Should this access be practical to use (seasonally dependent) and the orange painted 'access' trees are cut, the producer will need to deck these trees separate so they can be scaled by the sale admin forester.

### 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 and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

### 4.1.12 - 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

### 4.2.2 - 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. The Unit Manager or his/her representative must approve the type of fill material used prior to placement. In general, suitable fill material includes cobble and/or crushed rock.

### 4.2.4 - Grading (10/16)

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

### 4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

## 5 - Operations

### 5.1 - 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 a Payment Unit to determine landing locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

### 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.

##### 5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in the openings indicated by G0 on the Timber Sale Map (adjacent to PU's 2&3). Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 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) 2, unless changed by written agreement, cutting and skidding must take place during snow-off conditions when the ground is not frozen. This restriction is meant to maximize soil scarification throughout the sale area to promote regeneration of pine and oak tree species.

##### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 3, 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.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

##### 5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over all trees painted with Pink "D's" within Payment Units 1-2. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over. If it becomes impractical or impossible to push over a tree, severing or partially severing the tree is acceptable.

#### 5.2.16 - Equipment recommended (11/18)

It is recommended that Payment Unit 2 be harvested using whole tree equipment/operations. If this equipment is not available, it is then recommended that tracked processor(s) and forwarder(s) be used to harvest Unit 2. Regardless of equipment used, the producer is **STRONGLY ENCOURAGED** to create as much soil scarification with harvest equipment as possible. The goal is to scarify soils in order to promote establishment/regeneration of pine species.

#### 5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

Some skid trails in Payment Unit 3 may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. Approximately 100-200 feet of trail may need extra protection at locations shown on the Timber Sale Map. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the sale administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

#### 5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

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

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

#### 5.4 - Soil Protection

#### 5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which are 12 inches or greater in depth and 25 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

#### 5.8 - Protection of Endangered Species

##### 5.8.5 - Protection of raptor nests (3/13)

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

### **6 - Safety and Fire Prevention**

#### 6.2 - Signing

##### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on haul routes 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.





Sale Number	Year
53 - 026	23

# TIMBER SALE MAP

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

Forest Management Unit Pigeon River Country	County Cheboygan	Mapped By J. St. Pierre	Date 9/30/23	Page 1	of 1
Township 34N	Range 01E	Section(s) and Subdivision(s) Sec.20: E1/2NW,NWNE,S1/2NE,NESE Sec.21: SWNW	Scale 1:15,840		

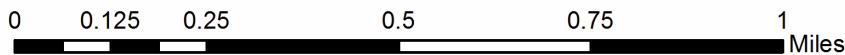
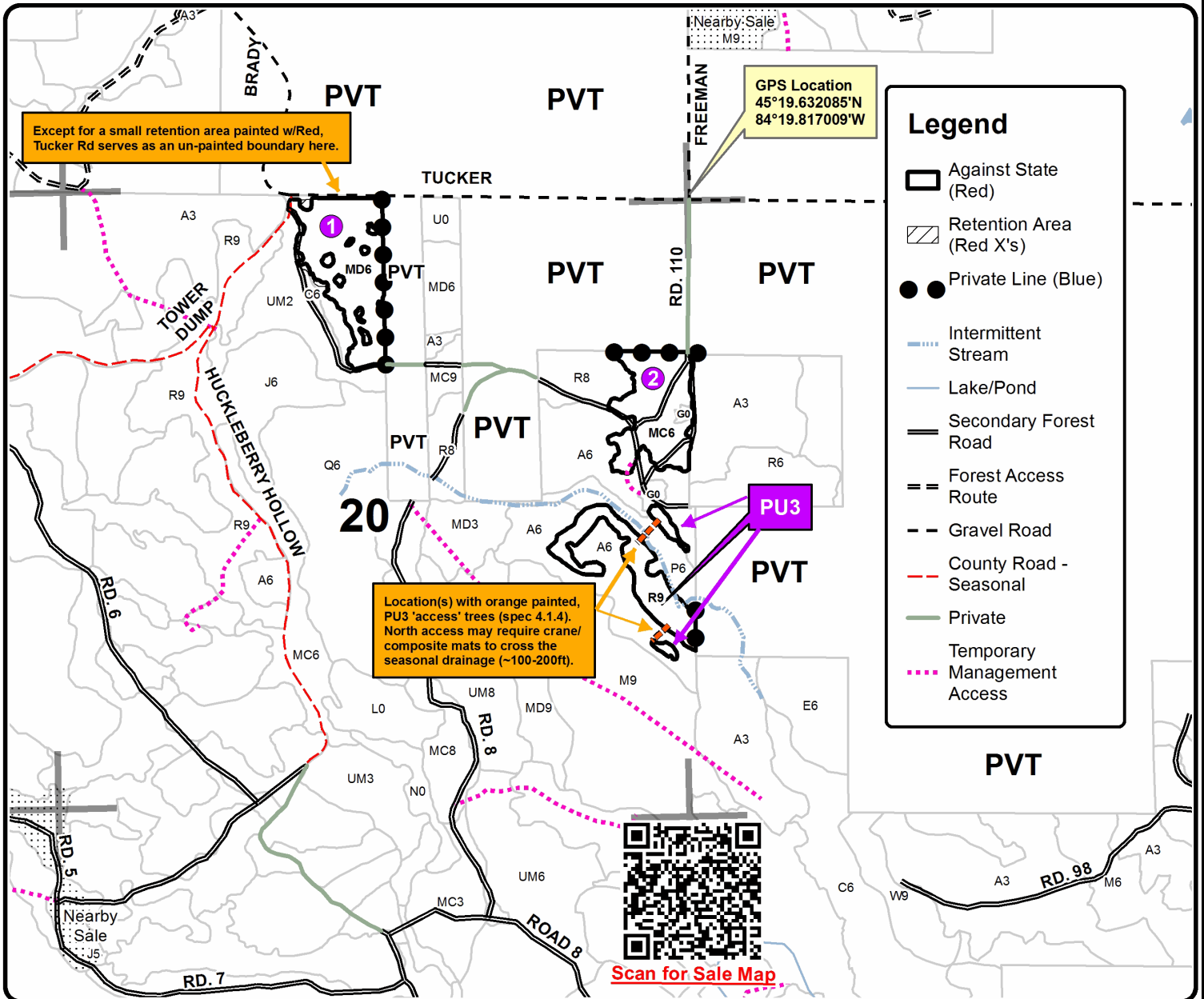
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F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres
1	16.8
2	13.5
3	10.4

## Tuckered Out Mix

### Compartment 19

40.7 Acres





One Day Pine (53-007-24)  
T32N, R01W, SEC. 15; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on January 11, 2024, 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 &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Red Pine	34.1 MBF	\$ 138.00/MBF	\$ _____
Pulpwood			
Red Maple	12 Cords	\$ 17.25/Cord	\$ _____
Red Pine	63 Cords	\$ 48.75/Cord	\$ _____
White Pine	7 Cords	\$ 22.40/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 40.95 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: \_\_\_\_\_ - \_\_\_\_\_ or SOCIAL SECURITY NUMBER: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_  
 Company or individual bidding: \_\_\_\_\_  
 Company representative's name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

Individual or company representative's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Phone number : \_\_\_\_\_ Email (optional): \_\_\_\_\_

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



# TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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

## VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- 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

Hot Tub Pine Machine (53-010-24)  
T32N, R02W, SEC. 7; T32N, R03W, SEC. 12; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on January 11, 2024, 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 &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
Red Maple	11.5 MBF	\$ 55.00/MBF	\$ _____
Red Pine	367.3 MBF	\$ 138.00/MBF	\$ _____
<b>Pulpwood</b>			
Mixed Hardwood	185 Cords	\$ 17.25/Cord	\$ _____
Quaking Aspen	25 Cords	\$ 24.30/Cord	\$ _____
Red Pine	1,218 Cords	\$ 48.75/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 22.93 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**



<b>FOR DEPARTMENT USE ONLY</b>	
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

Tuckered Out Mix (53-026-23)  
T34N, R01E, SEC. 20; T34N, R01E, SEC. 21; Cheboygan COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on January 11, 2024, 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 &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Red Oak	31.8 MBF	\$ 93.00/MBF	\$ _____
Pulpwood			
Jack Pine	38 Cords	\$ 12.85/Cord	\$ _____
Mixed Aspen	219 Cords	\$ 24.30/Cord	\$ _____
Mixed Hardwood	128 Cords	\$ 17.25/Cord	\$ _____
Red Oak	33 Cords	\$ 31.45/Cord	\$ _____
Red Pine	243 Cords	\$ 48.75/Cord	\$ _____
White Pine	35 Cords	\$ 22.40/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 38.30 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.
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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



The Sharp Side of the Boom (53-011-23)  
T32N, R01W, SEC. 6; T32N, R01W, SEC. 7; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on January 11, 2024, 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 &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
Mixed Aspen	45.4 MBF	\$ 30.00/MBF	\$ _____
Red Maple	6.5 MBF	\$ 33.00/MBF	\$ _____
Red Oak	3.6 MBF	\$ 56.00/MBF	\$ _____
Red Pine	36.4 MBF	\$ 83.00/MBF	\$ _____
White Pine	13.4 MBF	\$ 65.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	13 Cords	\$ 15.25/Cord	\$ _____
Mixed Aspen	89 Cords	\$ 14.60/Cord	\$ _____
Mixed Hardwood	278 Cords	\$ 10.35/Cord	\$ _____
Paper Birch	6 Cords	\$ 9.40/Cord	\$ _____
Red Oak	5 Cords	\$ 18.90/Cord	\$ _____
Red Pine	64 Cords	\$ 29.25/Cord	\$ _____
White Pine	55 Cords	\$ 13.45/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 22.08 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

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### VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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\_\_\_\_\_ 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