



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6733**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on November 17, 2020.

LOCATION: INDIAN RIVER FIELD OFFICE, 6984 WILSON, INDIAN RIVER, MI 49749.

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

Entropy Mix (52-104-19) / T33N, R03W, SEC. 25, N1/2NW, SENW, NWNE, S1/2NE, NESW.

T33N, R03W, SEC. 25, SE.

T33N, R03W, SEC. 36, N1/2NE, E1/2SW, NWSE.

Cheboygan County, Advertised Price \$74,571.10, 126.0 Acres, Aspen, Red Pine.

SALE NOTE: There are seasonal operating restrictions as well as chipping requirements on some Payment Units of this sale. A long skid is necessary for Payment Unit 6.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

Barrens Mix (52-112-18) / T34N, R02W, SEC. 21, NENE.

T34N, R02W, SEC. 22, NW, NE, N1/2SE.

T34N, R02W, SEC. 23, SWNW, NWSW, S1/2SW.

Cheboygan County, Advertised Price \$52,728.70, 198.2 Acres, Aspen, Jack Pine.

SALE NOTE: There is an oak wilt restriction on this sale.

Payment Unit 4 shall be harvested during summer or snow off condition. Payment Units 4, 5 and 6, require six (6) inch stump height limit.

Overhead power-lines are present along Goose Lake Road.

## BID INSTRUCTIONS (VER. 07/02/2018):

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

Bids must be received by the Unit Manager, INDIAN RIVER OFFICE, 6984 Wilson, Indian River, MI 49749, no later than 3:00 p.m. (local time) on November 17, 2020. For further information concerning this sale, contact Lucas Merrick at 989-732-3541 extension 5440.

### 2. Bidder's Qualifications (5/16)

Purchaser shall obtain workers 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. 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 contract. 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. Timber Sale Contract (7/18)

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 ( $\$1,500/\$10,000 * 100$ ).

#### 10. Disclaimer of Estimates and Bidder's Warranty of Inspection (7/16)

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.

#### 11. Certification and Chain-of-Custody (10/14)

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.

#### 12. Good Neighbor Authority (GNA) Requirements (7/16)

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).

#### 13. Good Neighbor Authority (GNA) Requirements, con't (9/16)

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.

DAN EICHINGER  
Director

## TIMBER SALE INFORMATION

### Entropy Mix (52-104-19)

T33N, R03W, SEC. 25; T33N, R03W, SEC. 36.  
Cheboygan County (Advertised Price \$74,571.10)

SALE NOTE: There are seasonal operating restrictions as well as chipping requirements on some Payment Units of this sale. A long skid is necessary for Payment Unit 6.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. 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		
Basswood	24.0 MBF	\$ 34.00 / MBF
Beech	3.8 MBF	\$ 44.00 / MBF
Mixed Aspen	74.4 MBF	\$ 38.00 / MBF
Red Maple	21.0 MBF	\$ 54.00 / MBF
Red Pine	134.4 MBF	\$ 81.00 / MBF
Sugar Maple	41.0 MBF	\$ 170.00 / MBF
Pulpwood		
Balsam Fir	10 Cords	\$ 13.60 / Cord
Jack Pine	2 Cords	\$ 11.20 / Cord
Mixed Aspen	821 Cords	\$ 13.10 / Cord
Mixed Hardwood	822 Cords	\$ 16.70 / Cord
Red Pine	700 Cords	\$ 32.20 / Cord
White Pine	30 Cords	\$ 15.70 / Cord
White Spruce	352 Cords	\$ 11.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 10.27 percent. There are an estimated 3,333 cords on this timber sale, plus or minus 342 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

### **BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$3,729.00 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	10.7%
02	35.0%
03	32.7%
04	4.5%
05	7.7%
06	9.4%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2023.

### **SALE STATISTICS**

#### **SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
263,330	3,333	10.27%	2,991	3,676

## 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
19	106,555	1,349	14.12%	1,158	1,539
21	18,699	237	20.63%	188	286
26	17,743	225	26.67%	165	285
27	54,976	696	24.32%	527	865
34	20,864	264	31.39%	181	347
35	28,598	362	24.43%	274	450
39	15,895	201	16.23%	169	234
<b>TOTAL:</b>	<b>263,331</b>	<b>3,333</b>		<b>2,661</b>	<b>4,006</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
19	46.2	2	46.2
21	9.3	1	9.3
26	13.8	3	13.8
27	15.1	3	15.1
34	13.1	4	13.1
35	16.1	5	16.1
39	12.4	6	12.4
<b>TOTAL:</b>	<b>126.0</b>		<b>126.0</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	63.5	MBF	9.3	\$7,969.70
	Sugar Maple		2.1	MBF		
	Mixed Aspen	Pulpwood	5	Cords		
	<i>B. T. Aspen</i>		5	<i>Cords</i>		
	Mixed Hardwood		26	Cords		
	<i>Black Cherry</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		5	<i>Cords</i>		
	<i>Sugar Maple</i>		20	<i>Cords</i>		
	Red Pine		48	Cords		
	White Pine		27	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	8.4	<i>MBF</i>		
<i>White Pine</i>	<i>Pulpwood</i>	10	<i>Cords</i>			
2	Basswood	Sawtimber	10.4	MBF	46.2	\$26,076.40
	Beech		3.8	MBF		
	Mixed Aspen		63.8	MBF		
	<i>B. T. Aspen</i>		63.8	<i>MBF</i>		
	Red Maple		7.7	MBF		
	Sugar Maple		37.0	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	<i>Balsam Fir</i>		3	<i>Cords</i>		
	Jack Pine		2	Cords		
	Mixed Aspen		591	Cords		
	<i>B. T. Aspen</i>		591	<i>Cords</i>		
	Mixed Hardwood		496	Cords		
	<i>Basswood</i>		47	<i>Cords</i>		
	<i>Beech</i>		39	<i>Cords</i>		
	<i>Black Cherry</i>		4	<i>Cords</i>		
	<i>Ironwood</i>		24	<i>Cords</i>		
	<i>Red Maple</i>		132	<i>Cords</i>		
	<i>Sugar Maple</i>		250	<i>Cords</i>		
	Red Pine		9	Cords		
	White Pine		3	Cords		
<i>White Pine</i>		3	<i>Cords</i>			
3	Basswood	Sawtimber	2.5	MBF	28.9	\$24,384.70
	Red Maple		8.0	MBF		
	Red Pine		38.3	MBF		
	Mixed Aspen	Pulpwood	27	Cords		
	<i>B. T. Aspen</i>		14	<i>Cords</i>		
	<i>Quaking Aspen</i>		13	<i>Cords</i>		
	Mixed Hardwood		141	Cords		
	<i>Basswood</i>		21	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		118	<i>Cords</i>		
	Red Pine		507	Cords		
	White Spruce		148	Cords		
	<i>White Spruce</i>	<i>Sawtimber</i>	2.7	<i>MBF</i>		
	<i>White Spruce</i>	<i>Pulpwood</i>	143	<i>Cords</i>		
4	Mixed Aspen	Sawtimber	0.7	MBF	13.1	\$3,366.50
	<i>Quaking Aspen</i>		0.7	<i>MBF</i>		
	Sugar Maple		0.5	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	Mixed Aspen		49	Cords		
	<i>Quaking Aspen</i>		49	<i>Cords</i>		
Mixed Hardwood		25	Cords			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>Basswood</i>	<i>Pulpwood</i>	9	<i>Cords</i>		
	<i>Black Cherry</i>		10	<i>Cords</i>		
	<i>Red Maple</i>		4	<i>Cords</i>		
	<i>Sugar Maple</i>		2	<i>Cords</i>		
	White Spruce		183	<i>Cords</i>		
	<i>White Spruce</i>	<i>Sawtimber</i>	6.2	<i>MBF</i>		
	<i>White Spruce</i>	<i>Pulpwood</i>	171	<i>Cords</i>		
5	Basswood	Sawtimber	11.1	MBF	16.1	\$5,754.00
	Mixed Aspen		9.9	MBF		
	<i>B. T. Aspen</i>		9.1	<i>MBF</i>		
	<i>Quaking Aspen</i>		0.8	<i>MBF</i>		
	Red Maple		5.3	MBF		
	Sugar Maple		1.4	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	<i>Balsam Fir</i>		3	<i>Cords</i>		
	Mixed Aspen		149	Cords		
	<i>B. T. Aspen</i>		61	<i>Cords</i>		
	<i>Quaking Aspen</i>		88	<i>Cords</i>		
	Mixed Hardwood		134	Cords		
	<i>Basswood</i>		65	<i>Cords</i>		
	<i>Beech</i>		9	<i>Cords</i>		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		32	<i>Cords</i>		
	<i>Sugar Maple</i>		27	<i>Cords</i>		
	White Spruce		21	Cords		
	<i>White Spruce</i>		21	<i>Cords</i>		
	6	Red Pine	Sawtimber	32.6		
Red Pine		Pulpwood	136	Cords		
TOTAL:			298.6	MBF		
TOTAL:			2,737	Cords		



# Sale Specific Conditions & Requirements

**Sale Name: Entropy Mix**

**Sale Number: 52-104-19 Seq#: 2**

## 1 - Sale Area

### 1.2 - Boundaries

#### 1.2.1 - Painted boundaries (1/14)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 1-5, cut all trees that are two (2) inches or more at DBH, except do not cut any hemlock or oak. In addition within Payment Unit 2, do not cut any white pine.

#### 2.1.8 - Designated plantation row unit(s) (12/08)

Within Payment Unit(s) 6, all trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Designated plantation rows begin with the third row in from the outside of the plantation, then continue every third row. Because of the variability of row direction, it shall be the responsibility of the Purchaser to maintain this third row sequence. Any aspen and hardwood cut for mobility must be left on site and remain un-utilized.

### 2.2 - Utilization

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

Payment Unit(s) 1, 3, 4 and 5 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the sale administrator. This exemption must be granted in writing. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

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

Stump heights within Payment Units 1, 3 and 4, shall not exceed either twelve (12) inches for trees greater than ten (10) inches at DBH or four (4) inches for trees less than ten (10) inches at DBH. This is in order to facilitate planting operations.

## 3 - Payments

### 3.3 - Pre-measured Sales

#### 3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 2 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment.

### 3.4 - Damaged Timber

#### 3.4.1 - Damaged timber (6/14)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. 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.

## 4 - Transportation

### 4.1 - Construction

#### 4.1.4 - Timber removed for construction (12/09)

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 the specified Purchase Unit Price.

#### 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

#### 5.1 - Notification

##### 5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operation to determine landing and road locations. The Unit Manager or their representative must be contacted at least 5 days in advance to schedule this conference.

#### 5.2 - Conduct of Operations

##### 5.2.2 - Hazard Trees/Snags

###### 5.2.2.1 - Den trees (10/16)

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

##### 5.2.3 - Operating Restrictions

###### 5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 5, unless changed by written agreement, cutting, skidding and hauling are not permitted during the period of October 1 to April 1. This restriction is because of concerns of deer and elk crossing I-75 to eat tops.

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

Within Payment Unit(s) 6, 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.

###### 5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

##### 5.2.31 - Landing locations (9/13)

The landing for Payment Unit 6 will need to be located in the field north of the Payment Unit on the east side of Shire Road, as shown on the Timber Sale Map. A haul road may not be possible on the east side of the private property. Landing must be confined to this designated site unless otherwise authorized by the Unit Manager or their representative.

##### 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.

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

The motorcycle trail is shown on the Timber Sale Map. Do not damage posts with yellow ORV markers. Trees with yellow ORV markers shall be cut off above the markers and at least five (5) feet above ground. All stumps within five (5) feet of the trail must be cut flush with the ground. Maintain a twenty (20) foot wide slash, debris and rut free zone daily using the ORV trail or route as the center-line. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the sale administrator.

#### 5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or their representative prior to December 1. The snowmobile trail may not be used for any timber sale operation from December 1 to March 31. The snowmobile trail may only be crossed at right angles. Maintain a twenty (20) foot wide slash, debris and rut free zone daily using the snowmobile trail as the center-line. All stumps within twenty (20) feet of the snowmobile trail must be cut at ground level.

#### 5.4 - Soil Protection

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

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

#### 5.8 - Protection of Endangered Species

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

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

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

#### 6.2 - Signing

##### 6.2.2 - Snowmobile trail posting (8/09)

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

##### 6.2.3 - Recreational trail posting (2/10)

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



# TIMBER SALE MAP

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

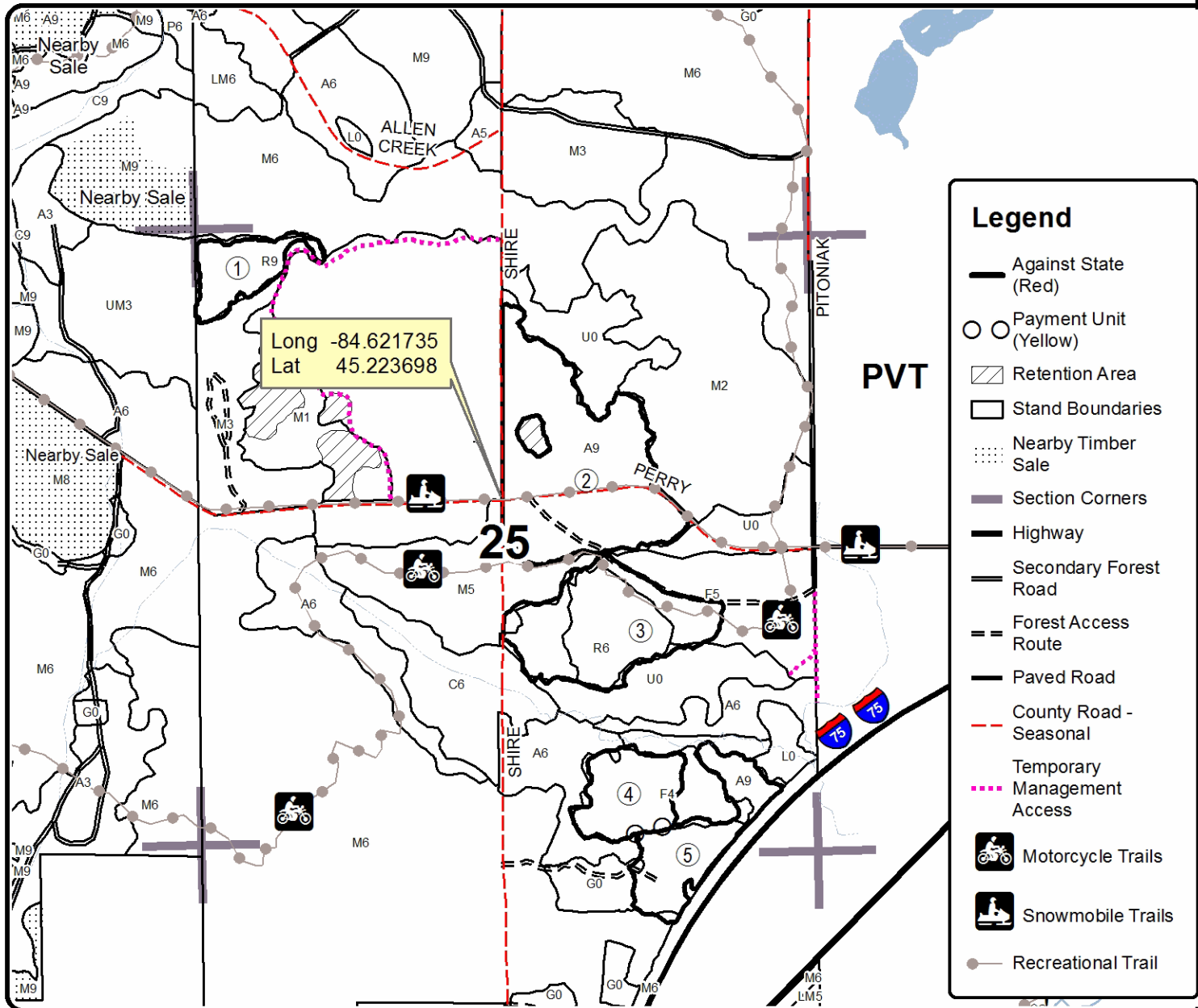
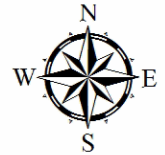
Sale Number	Year
52-104	19

Forest Management Unit	County	Mapped By	Date	Page	of
GFMU - Indian River Field Office	Cheboygan	Harig	4/19/2019	1	2
Township	Range	Section(s) and Subdivision(s)	Scale		
33N	03W	Sec. 25: SE1/4, NWNW, W1/2NE, SENE Sec. 36: N1/2NE, E1/2SW	1:15,840		

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

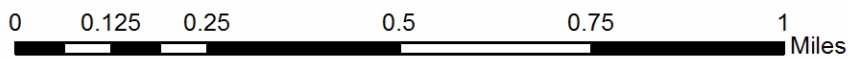
PU	Acres	PU	Acres
1	9.3	4	13.1
2	46.2	5	16.1
3	28.9	6	12.4

**Entropy Mix**  
**Compartment 159**  
**126 Acres**



### Legend

- Against State (Red)
- ○ Payment Unit (Yellow)
- ▨ Retention Area
- Stand Boundaries
- ⋯ Nearby Timber Sale
- Section Corners
- Highway
- Secondary Forest Road
- == Forest Access Route
- Paved Road
- - - County Road - Seasonal
- ⋯ Temporary Management Access
- 🏍 Motorcycle Trails
- 🏎 Snowmobile Trails
- Recreational Trail





# TIMBER SALE MAP

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

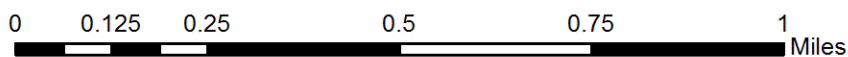
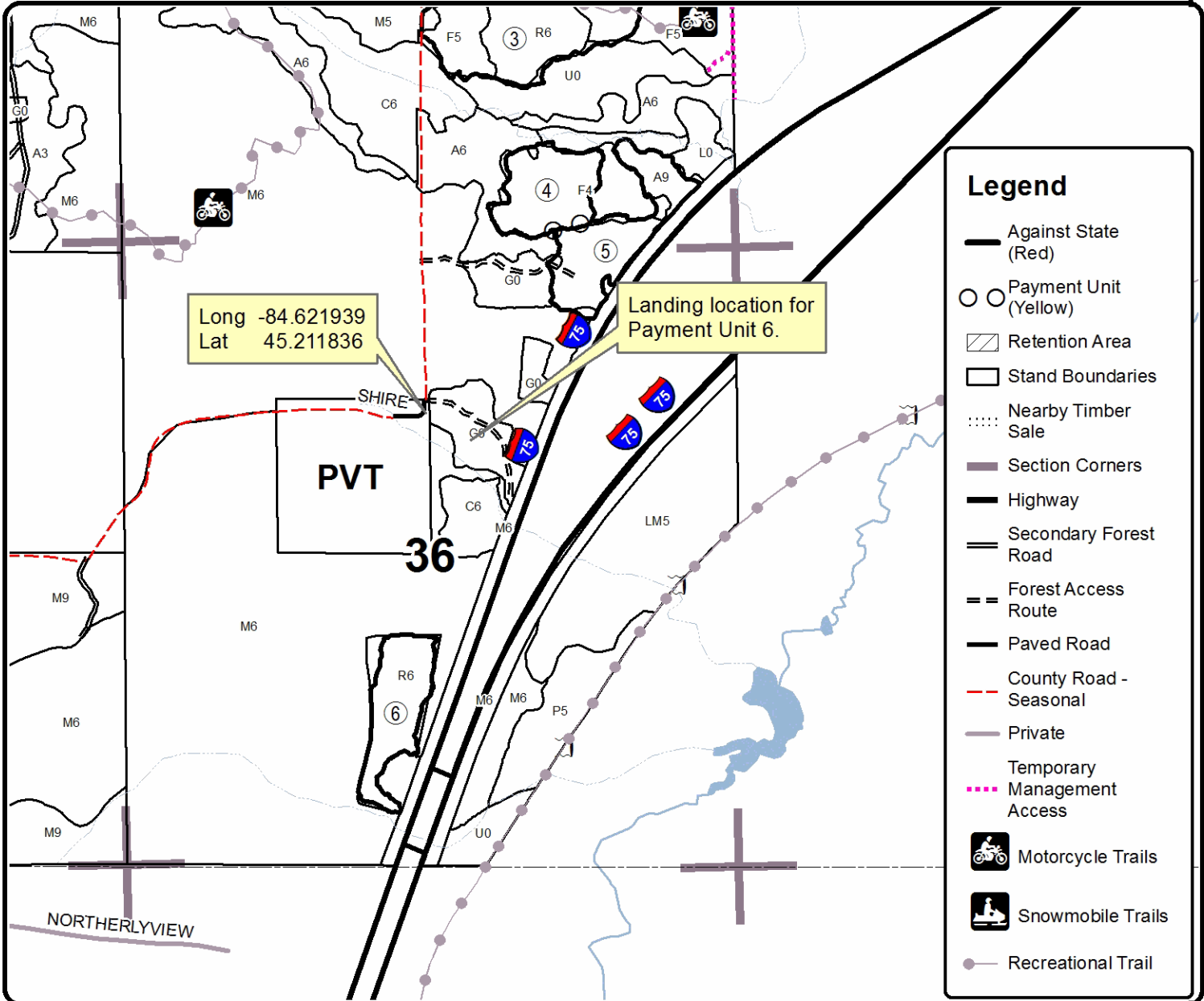
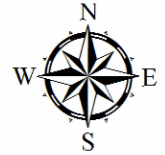
Sale Number	Year
52-104	19

Forest Management Unit	County	Mapped By	Date	Page	of
GFMU - Indian River Field Office	Cheboygan	Harig	4/19/2019	2	2
Township	Range	Section(s) and Subdivision(s)	Scale		
33N	03W	Sec. 25: SE1/4, NWNW, W1/2NE, SENE Sec. 36: N1/2NE, E1/2SW	1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
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G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	9.3	4	13.1
2	46.2	5	16.1
3	28.9	6	12.4

## Entropy Mix Compartment 159 126 Acres





**TIMBER SALE INFORMATION**

Barrens Mix (52-112-18)

T34N, R02W, SEC. 21; T34N, R02W, SEC. 22; T34N, R02W, SEC. 23.  
Cheboygan County (Advertised Price \$52,728.70)

SALE NOTE: There is an oak wilt restriction on this sale.

Payment Unit 4 shall be harvested during summer or snow off condition. Payment Units 4, 5 and 6, require six (6) inch stump height limit.

Overhead power-lines are present along Goose Lake Road.

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 T-Sale computer program and our traditional volume equations. 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>
<b>Sawtimber</b>		
B. T. Aspen	105.6 MBF	\$ 38.00 / MBF
Jack Pine	45.2 MBF	\$ 20.00 / MBF
Red Oak	38.0 MBF	\$ 138.00 / MBF
Red Pine	97.5 MBF	\$ 81.00 / MBF
<b>Pulpwood</b>		
B. T. Aspen	532 Cords	\$ 13.10 / Cord
Jack Pine	540 Cords	\$ 11.20 / Cord
Mixed Hardwood	12 Cords	\$ 16.70 / Cord
Quaking Aspen	21 Cords	\$ 13.10 / Cord
Red Maple	183 Cords	\$ 16.70 / Cord
Red Oak	118 Cords	\$ 14.40 / Cord
Red Pine	376 Cords	\$ 32.20 / Cord
White Oak	38 Cords	\$ 14.40 / Cord
White Pine	240 Cords	\$ 15.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 10.64 percent. There are an estimated 2,651 cords on this timber sale, plus or minus 282 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:**

- A bond in the amount of \$2,636.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule:
  - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - The 10% down payment will be credited towards the first unit cut.
  - 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	15.1%
02	2.4%
03	25.1%
04	18.4%
05	14.3%
06	24.7%
- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 12/31/2023.

**SALE STATISTICS**

**SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
209,438	2,651	10.64%	2,369	2,933

## 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	36,585	463	19.83%	371	555
7	24,553	311	20.77%	246	375
9	51,753	655	25.08%	491	819
10	7,063	89	31.88%	61	118
11	6,028	76	61.94%	29	124
18	15,689	199	21.41%	156	241
53	4,582	58	57.93%	24	92
59	56,975	721	18.28%	589	853
73	4,037	51	54.08%	23	79
75	2,157	27	50.93%	13	41
<b>TOTAL:</b>	<b>209,421</b>	<b>2,651</b>		<b>2,005</b>	<b>3,297</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	34.1	1	34.1
7	23.1	6	23.1
9	30.1	3	30.1
10	8.0	2	8.0
11	5.4	6	5.4
18	10.3	5	10.3
53	5.2	5	5.2
59	74.2	4	74.2
73	5.8	6	5.8
75	2.0	6	2.0
<b>TOTAL:</b>	<b>198.2</b>		<b>198.2</b>



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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	0.8	MBF	34.1	\$7,953.40
	Red Pine		13.4	MBF		
	B. T. Aspen	Pulpwood	204	Cords		
	Red Maple		27	Cords		
	<i>Red Maple</i>		27	<i>Cords</i>		
	Red Pine		31	Cords		
	White Pine		173	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	18.5	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	136	<i>Cords</i>		
2	B. T. Aspen	Sawtimber	11.6	MBF	8.0	\$1,253.50
	B. T. Aspen	Pulpwood	33	Cords		
	Jack Pine		28	Cords		
	Red Maple		4	Cords		
	<i>Red Maple</i>		4	<i>Cords</i>		
3	B. T. Aspen	Sawtimber	59.8	MBF	30.1	\$13,923.40
	Red Oak		38.0	MBF		
	B. T. Aspen	Pulpwood	165	Cords		
	Jack Pine		4	Cords		
	Red Maple		86	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	4.7	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	77	<i>Cords</i>		
	Red Oak		118	Cords		
	White Oak		38	Cords		
	<i>White Oak</i>	<i>Sawtimber</i>	6.3	<i>MBF</i>		
	<i>White Oak</i>	<i>Pulpwood</i>	25	<i>Cords</i>		
	White Pine		33	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	2.6	<i>MBF</i>		
<i>White Pine</i>	<i>Pulpwood</i>	28	<i>Cords</i>			
4	B. T. Aspen	Sawtimber	29.0	MBF	74.2	\$9,693.20
	Jack Pine		27.3	MBF		
	Red Pine		5.0	MBF		
	B. T. Aspen	Pulpwood	113	Cords		
	Jack Pine		367	Cords		
	Mixed Hardwood		8	Cords		
	<i>Black Cherry</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>Black Cherry</i>	<i>Pulpwood</i>	7	<i>Cords</i>		
	Quaking Aspen		16	Cords		
	<i>Quaking Aspen</i>	<i>Sawtimber</i>	2.0	<i>MBF</i>		
	<i>Quaking Aspen</i>	<i>Pulpwood</i>	12	<i>Cords</i>		
	Red Maple		49	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	1.9	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	45	<i>Cords</i>		
	Red Pine		11	Cords		
	White Pine		34	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	3.2	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	28	<i>Cords</i>		
5	Red Pine	Sawtimber	30.4	MBF	15.5	\$7,519.40
	Jack Pine	Pulpwood	47	Cords		
	Mixed Hardwood		4	Cords		
	<i>Paper Birch</i>		4	<i>Cords</i>		
	Quaking Aspen		5	Cords		
	<i>Quaking Aspen</i>		5	<i>Cords</i>		
	Red Maple		5	Cords		
	<i>Red Maple</i>		5	<i>Cords</i>		
	Red Pine		134	Cords		
6	B. T. Aspen	Sawtimber	4.4	MBF	36.3	\$13,023.10

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Jack Pine	Sawtimber	17.9	MBF		
	Red Pine		51.4	MBF		
	B. T. Aspen	Pulpwood	17	Cords		
	Jack Pine		94	Cords		
	Red Maple		12	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	1.2	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	10	<i>Cords</i>		
	Red Pine		213	Cords		
TOTAL:			289.0	MBF		
TOTAL:			2,073	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: Barrens Mix**

**Sale Number: 52-112-18 Seq#: 2**

## 1 - Sale Area

### 1.2 - Boundaries

#### 1.2.1 - Painted boundaries (1/14)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, teal, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The interior retention pocket in Payment Unit 1, is marked with teal paint. The painted boundary line trees are not Included Timber and are to be protected.

## 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 and 5, cut all trees that are two (2) inches or more at DBH, except do not cut any oak. In addition within Payment Unit 1, do not cut any white pine eighteen (18) inches or more at DBH. Also within Payment Units 2 and 5, do not cut any white pine. Additionally within Payment Unit 2, do not cut any red pine.

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

Within Payment Unit(s) 3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any red pine, white pine or teal marked trees.

#### 2.1.8 - Designated plantation row unit(s) (12/08)

Within Payment Unit(s) 6, all red pine trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Designated plantation rows are every third row. If rows are not obvious, the sale administrator may approve harvest using a take one, leave two pattern (or take two leave three, if rows are too tight for operation). In addition, all jack pine is designated for harvest. Deciduous trees within designated rows may be harvested for equipment operation, except do not cut any oak. The Purchaser should work around oak, prior approval is required from the sale administrator before the removal of any oak.

### 2.2 - Utilization

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

Stump heights within Payment Unit(s) 4, 5 and 6, shall not exceed six (6) inches for all trees. This is in order to facilitate planting operations.

## 3 - Payments

### 3.4 - Damaged Timber

#### 3.4.1 - Damaged timber (6/14)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured.

Within the Payment Unit 6, if more than 5% of the residual red pine within a specified portion of the sale area 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 chipped, utilized or otherwise dispersed throughout the sale.

#### 4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental

and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be chipped, utilized or otherwise dispersed throughout the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

#### 4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. These roads must be rendered impassable to cars and trucks. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for details of design and placement.

### 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

### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operation to determine landing and road locations. The Unit Manager or their representative must be contacted at least 10 days in advance to schedule this conference.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.11 - Slash for reforestation (5/07)

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.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 2 and 4, cutting, skidding and hauling may only occur during the summer months and snow-off condition. This restriction is to promote natural jack pine regeneration.

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

Within the sale area, 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.

### 5.4 - 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 twelve (12) inches or greater in depth and fifty (50) feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

### 5.8 - Protection of Endangered Species

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

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

## 6 - Safety and Fire Prevention

## 6.2 - Signing

### 6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Goose Lake Road and/or Afton Road, depending on which Payment Unit(s) are active, 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 shall provide these signs.



# TIMBER SALE MAP

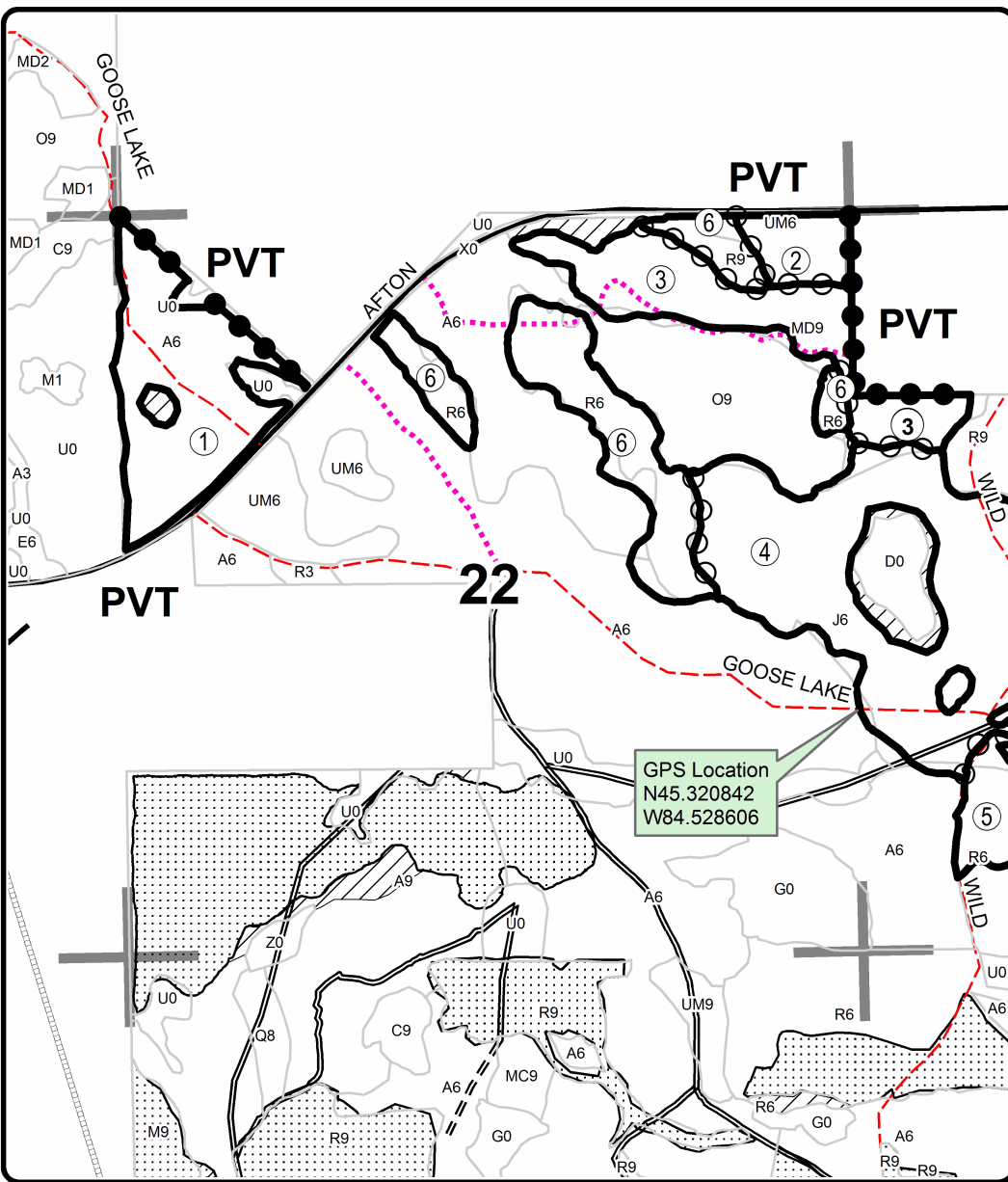
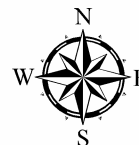
This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Gaylord Management Unit		County Cheboygan	Mapped By TSP	Date 08/30/2018	Page 1	of 2
Township 34N	Range 02W	Section(s) and Subdivision(s) Sec 21: NENE; Sec 22: N1/2, N1/2SE; 23: SWNW, NWSW, S1/2SW		Scale 1:15,840		

Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
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G = Grass	MD = Mixed Deciduous	T = Tamarack					

PU	Acres	PU	Acres
1	34.1	4	74.2
2	8	5	15.5
3	30.1	6	36.3

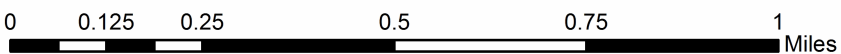
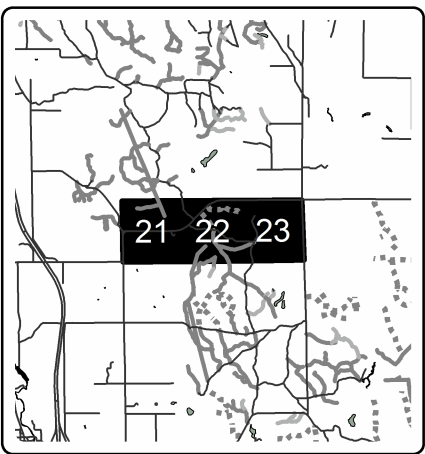
**Barrens Mix**  
**Compartment 173**  
**198.2 Acres**



### Legend

- Against State (Red)
- ○ Payment Unit (Yellow)
- ● Private Line (Blue)
- Stand Boundaries
- ▨ Retention Area (Teal or Red)
- ▤ Nearby Timber Sales
- Secondary Forest Road
- == Forest Access Route
- Paved Road
- - - County Road - Seasonal
- ⋯ Temporary Management Access
- Section Corners

Locator Map  
1:200,000





# TIMBER SALE MAP

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

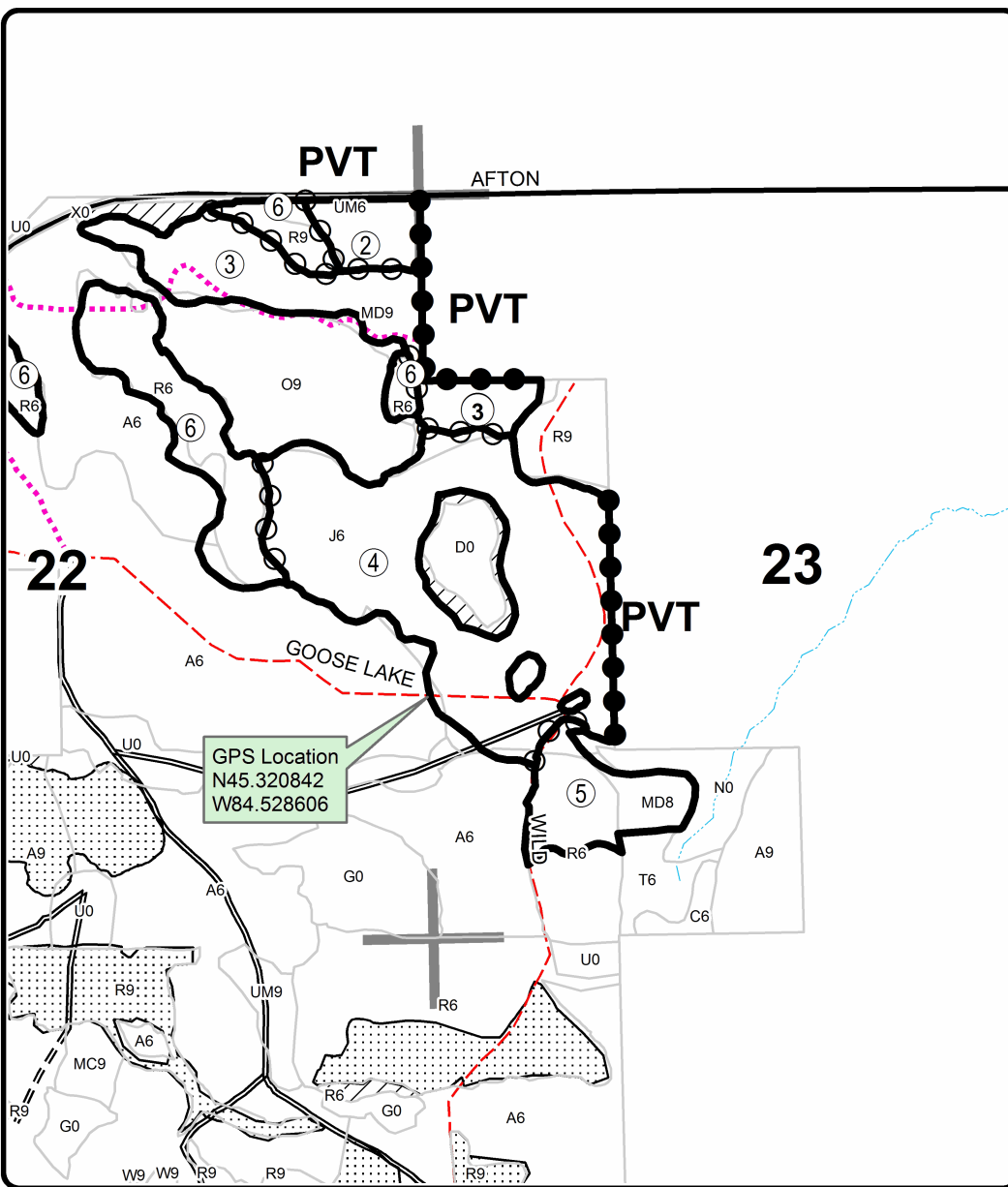
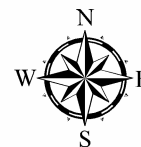
Sale Number	Year
52 - 112	18

Forest Management Unit Gaylord Management Unit	County Cheboygan	Mapped By TSP	Date 08/30/2018	Page 2	of 2
Township 34N	Range 02W	Section(s) and Subdivision(s) Sec 21: NENE; Sec 22: N1/2, N1/2SE; 23: SWNW, NWSW, S1/2SW	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 = 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	PU	Acres
1	34.1	4	74.2
2	8	5	15.5
3	30.1	6	36.3

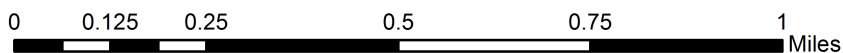
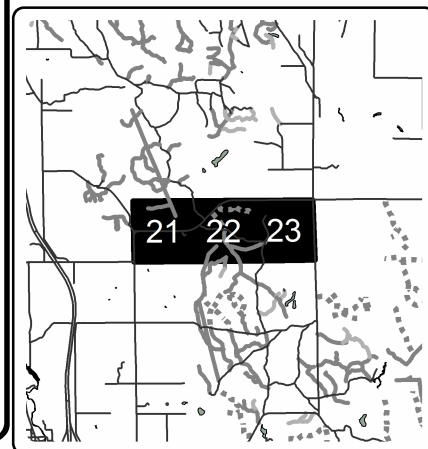
**Barrens Mix**  
**Compartment 173**  
**198.2 Acres**



### Legend

- Against State (Red)
- ○ Payment Unit (Yellow)
- ● Private Line (Blue)
- Stand Boundaries
- ▨ Retention Area (Teal or Red)
- ▤ Nearby Timber Sales
- Secondary Forest Road
- == Forest Access Route
- Paved Road
- - - County Road - Seasonal
- ⋯ Temporary Management Access
- ⋯ Intermittent Stream
- Section Corners

Locator Map  
1:200,000







Barrens Mix (52-112-18)

T34N, R02W, SEC. 21; T34N, R02W, SEC. 22; T34N, R02W, SEC. 23; Cheboygan

In response to the notice of sale to be held 3:00 p.m. (local time) on November 17, 2020, 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>			
B. T. Aspen	105.6 MBF	\$ 38.00/MBF	\$ _____
Jack Pine	45.2 MBF	\$ 20.00/MBF	\$ _____
Red Oak	38.0 MBF	\$ 138.00/MBF	\$ _____
Red Pine	97.5 MBF	\$ 81.00/MBF	\$ _____
<b>Pulpwood</b>			
B. T. Aspen	532 Cords	\$ 13.10/Cord	\$ _____
Jack Pine	540 Cords	\$ 11.20/Cord	\$ _____
Mixed Hardwood	12 Cords	\$ 16.70/Cord	\$ _____
Quaking Aspen	21 Cords	\$ 13.10/Cord	\$ _____
Red Maple	183 Cords	\$ 16.70/Cord	\$ _____
Red Oak	118 Cords	\$ 14.40/Cord	\$ _____
Red Pine	376 Cords	\$ 32.20/Cord	\$ _____
White Oak	38 Cords	\$ 14.40/Cord	\$ _____
White Pine	240 Cords	\$ 15.70/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 10.64 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**

Entropy Mix (52-104-19)  
T33N, R03W, SEC. 25; T33N, R03W, SEC. 36; Cheboygan COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on November 17, 2020, 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>			
Basswood	24.0 MBF	\$ 34.00/MBF	\$ _____
Beech	3.8 MBF	\$ 44.00/MBF	\$ _____
Mixed Aspen	74.4 MBF	\$ 38.00/MBF	\$ _____
Red Maple	21.0 MBF	\$ 54.00/MBF	\$ _____
Red Pine	134.4 MBF	\$ 81.00/MBF	\$ _____
Sugar Maple	41.0 MBF	\$ 170.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	10 Cords	\$ 13.60/Cord	\$ _____
Jack Pine	2 Cords	\$ 11.20/Cord	\$ _____
Mixed Aspen	821 Cords	\$ 13.10/Cord	\$ _____
Mixed Hardwood	822 Cords	\$ 16.70/Cord	\$ _____
Red Pine	700 Cords	\$ 32.20/Cord	\$ _____
White Pine	30 Cords	\$ 15.70/Cord	\$ _____
White Spruce	352 Cords	\$ 11.70/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 10.27 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.*

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  - C.  Corporation
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  - 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

\_\_\_\_\_ Date

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