



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6782**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on February 24, 2021.

LOCATION: **BALDWIN FIELD OFFICE, 2468 W 24TH STREET, BALDWIN, MI 49304.**

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

Recondite Mix (63-014-20) / T21N, R05W, SEC. 20, S1/2SW.

T21N, R05W, SEC. 22, N1/2NW,SWNW,N1/2NE,S1/2SW,SE.

T21N, R05W, SEC. 23, S1/2NW,SWNE,N1/2SW,NWSE.

Missaukee County, Advertised Price \$75,117.20, 171.8 Acres, Aspen, Hardwood.

SALE NOTE: 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.

Piquant Pine Mix (63-015-20) / T21N, R05W, SEC. 23, NENE,S1/2NE,SE.

T21N, R05W, SEC. 24, NWNW,NE,SESW,SWSE.

Missaukee County, Advertised Price \$95,965.00, 125.0 Acres, Red Pine, Jack Pine.

SALE NOTE: 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.

Pine Creek Spruce (63-028-20) / T20N, R10W, SEC. 8 , S1/2SE.

Osceola County, Advertised Price \$6,578.55, 12.8 Acres, Spruce/Fir/Tamarack, Aspen.

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

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

Bids must be received by the Unit Manager, BALDWIN FIELD OFFICE, 2468 W 24th Street, Baldwin, MI 49304, no later than 3:00 p.m. (local time) on February 24, 2021. For further information concerning this sale, contact Joe Ventimglia at 231-878-0047 extension .

### 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

### Recondite Mix (63-014-20)

T21N, R05W, SEC. 20; T21N, R05W, SEC. 22; T21N, R05W, SEC. 23.  
Missaukee County (Advertised Price \$75,117.20)

SALE NOTE: 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		
B. T. Aspen	52.2 MBF	\$ 88.00 / MBF
Red Maple	5.1 MBF	\$ 85.00 / MBF
Red Oak	65.8 MBF	\$ 192.00 / MBF
Red Pine	62.6 MBF	\$ 102.00 / MBF
White Oak	25.9 MBF	\$ 65.00 / MBF
Pulpwood		
B. T. Aspen	1,995 Cords	\$ 14.70 / Cord
Balsam Fir	3 Cords	\$ 9.05 / Cord
Mixed Hardwood	1,335 Cords	\$ 10.40 / Cord
Red Pine	137 Cords	\$ 43.65 / Cord
White Pine	14 Cords	\$ 12.15 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 9.89 percent. There are an estimated 3,904 cords on this timber sale, plus or minus 386 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 \$6,009.00 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	9.3%
02	10.0%
03	20.0%
04	18.2%
05	20.8%
06	13.1%
07	8.6%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2023.

### **SALE STATISTICS**

#### **SALE VOLUMES**

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
308,419	3,904	9.89%	3,518	4,290

## 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	19,821	251	52.40%	119	382
11	35,392	448	26.34%	330	566
14	36,877	467	19.99%	373	560
16	84,238	1,066	15.60%	900	1,233
17	28,306	358	17.83%	294	422
19	75,121	951	19.50%	765	1,136
105	28,677	363	59.22%	148	578
<b>TOTAL:</b>	<b>308,432</b>	<b>3,904</b>		<b>2,931</b>	<b>4,878</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	14.3	1	14.3
11	13.0	2	13.0
14	32.4	5	32.4
16	37.1	3	37.1
17	14.4	6	14.4
19	39.7	4	39.7
105	20.9	7	20.9
<b>TOTAL:</b>	<b>171.8</b>		<b>171.8</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	3.2	MBF	14.3	\$6,963.90
	Red Oak		20.1	MBF		
	White Oak		5.0	MBF		
	B. T. Aspen	Pulpwood	32	Cords		
	Mixed Hardwood		153	Cords		
	<i>Red Maple</i>		10	<i>Cords</i>		
	<i>Red Oak</i>		92	<i>Cords</i>		
	<i>White Oak</i>		51	<i>Cords</i>		
	Red Pine		10	Cords		
2	B. T. Aspen	Sawtimber	20.7	MBF	13.0	\$7,540.60
	Red Maple		5.1	MBF		
	B. T. Aspen	Pulpwood	269	Cords		
	Mixed Hardwood		128	Cords		
	<i>Paper Birch</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		124	<i>Cords</i>		
3	B. T. Aspen	Sawtimber	3.8	MBF	37.1	\$15,034.45
	Red Oak		1.1	MBF		
	B. T. Aspen	Pulpwood	811	Cords		
	Mixed Hardwood		241	Cords		
	<i>Red Maple</i>		57	<i>Cords</i>		
	<i>Red Oak</i>		135	<i>Cords</i>		
	<i>Sugar Maple</i>		45	<i>Cords</i>		
	<i>White Oak</i>		4	<i>Cords</i>		
	White Pine		5	Cords		
4	B. T. Aspen	Sawtimber	1.5	MBF	39.7	\$13,692.10
	Red Oak		2.9	MBF		
	White Oak		18.8	MBF		
	B. T. Aspen	Pulpwood	551	Cords		
	Mixed Hardwood		354	Cords		
	<i>Red Maple</i>		153	<i>Cords</i>		
	<i>Red Oak</i>		23	<i>Cords</i>		
	<i>Sugar Maple</i>		10	<i>Cords</i>		
	<i>White Oak</i>		168	<i>Cords</i>		
	5	Red Oak	Sawtimber	10.1		
Red Pine			61.0	MBF		
B. T. Aspen		Pulpwood	31	Cords		
Mixed Hardwood			173	Cords		
<i>Red Maple</i>			55	<i>Cords</i>		
<i>Red Oak</i>			118	<i>Cords</i>		
Red Pine			118	Cords		
White Pine			3	Cords		
6	B. T. Aspen	Sawtimber	0.7	MBF	14.4	\$9,802.85
	Red Oak		31.6	MBF		
	Red Pine		1.6	MBF		
	White Oak		2.1	MBF		
	B. T. Aspen	Pulpwood	21	Cords		
	Mixed Hardwood		257	Cords		
	<i>Red Maple</i>		22	<i>Cords</i>		
	<i>Red Oak</i>		216	<i>Cords</i>		
	<i>White Oak</i>		19	<i>Cords</i>		
	Red Pine		9	Cords		
7	B. T. Aspen	Sawtimber	22.3	MBF	20.9	\$6,480.05
	B. T. Aspen	Pulpwood	280	Cords		
	Balsam Fir		3	Cords		
	Mixed Hardwood		29	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	<i>Red Maple</i>	<i>Pulpwood</i>	21	<i>Cords</i>		
	<i>Sugar Maple</i>		8	<i>Cords</i>		
	White Pine		6	Cords		
TOTAL:			211.6	MBF		
TOTAL:			3,484	Cords		



## Sale Specific Conditions & Requirements

Sale Name: Recondite Mix

Sale Number: 63-014-20 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 blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. 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) 1-4, 6 & 7, cut all trees that are two (2) inches or more at DBH, except do not cut any trees marked with green paint.

##### 2.1.4 - Designated timber unit(s) (6/17)

Within Payment Unit(s) 5, all aspen, maple, oak, and white pine trees which meet minimum piece specifications in 2.2 - Utilization are designated for cutting, except do not cut white pine trees that are greater than fourteen (14) inches at DBH or any trees marked with green paint. In addition, red pine trees that are greater than fourteen (14) inches at DBH are designated for cutting.

#### 2.2 - Utilization

##### 2.2.4 - Skidding length (2/14)

Within Payment Unit(s) 5, skidding of unlimbed tops or lengths over 17 feet is not permissible unless approved by the Unit Manager or his/her representative.

### 3 - Payments

#### 3.3 - Pre-measured Sales

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

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

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.3 - 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 chipped, utilized or otherwise removed from 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

##### 4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material

should be placed before trucking begins. Contact the sale administrator regarding this

#### 4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary.

#### 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

#### 4.4.1 - Private property access (3/11)

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

## 5 - Operations

### 5.1 - Notification

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

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

#### 5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

#### 5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the Pipeline R.O.W. for operations.

### 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.

#### 5.2.2 - 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) 5, 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.

##### 5.2.3.5 - Oak wilt restriction (1/18)

Within all Payment Unit(s) unless changed by written agreement, 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. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

## 5.2.4 - Dead and Down Creation

### 5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1-7, leave one, 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These will be evenly scattered throughout the unit. This can be an unmerchantable piece or a full tree. Each log must be clearly identified by a piece of blue flagging.

### 5.2.4.5 - Dead and down creation, reptiles and amphibians (2/05)

To encourage reptiles and amphibians, within Payment Unit(s) 1-7, leave one, 14" DBH or greater full-length tree on the ground, with the top still intact, for every 5 acres. These trees shall be evenly scattered throughout the Payment Unit(s) and identified by blue flagging.

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

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

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

There is an ORV trail within the sale area or vicinity and is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20 foot wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. 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.

## 5.4 - Soil Protection

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

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

### 5.4.2 - 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

### 5.8.5 - 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 Strieff Rd. prior to beginning operations. The road must be posted 200 feet from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

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

The Purchaser is responsible for posting and maintaining caution signs on ORV trails prior to beginning operations. The trail must be posted 200 feet from the sale area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

## 7 - Other Conditions

### 7.5 - Loss

#### 7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from windthrow. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



Sale Number	Year
63-014	20

# TIMBER SALE MAP

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

Forest Management Unit Cadillac FMU / Manton F.O.	County Missaukee	Mapped By M. Edison	Date 09/25/2020	Page 1	of 1
Township 21N	Range 5W	Section(s) and Subdivision(s) 20 S1/2SW 22 N1/2NW, SWNW, N1/2NE, S1/2SW, SE 23 S1/2NW, SWNE, N1/2SW, NWSE	Cruised By Edison, Aksamit		

Scale 1:29,000

### Cover Type

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

### Density

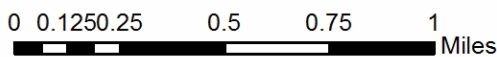
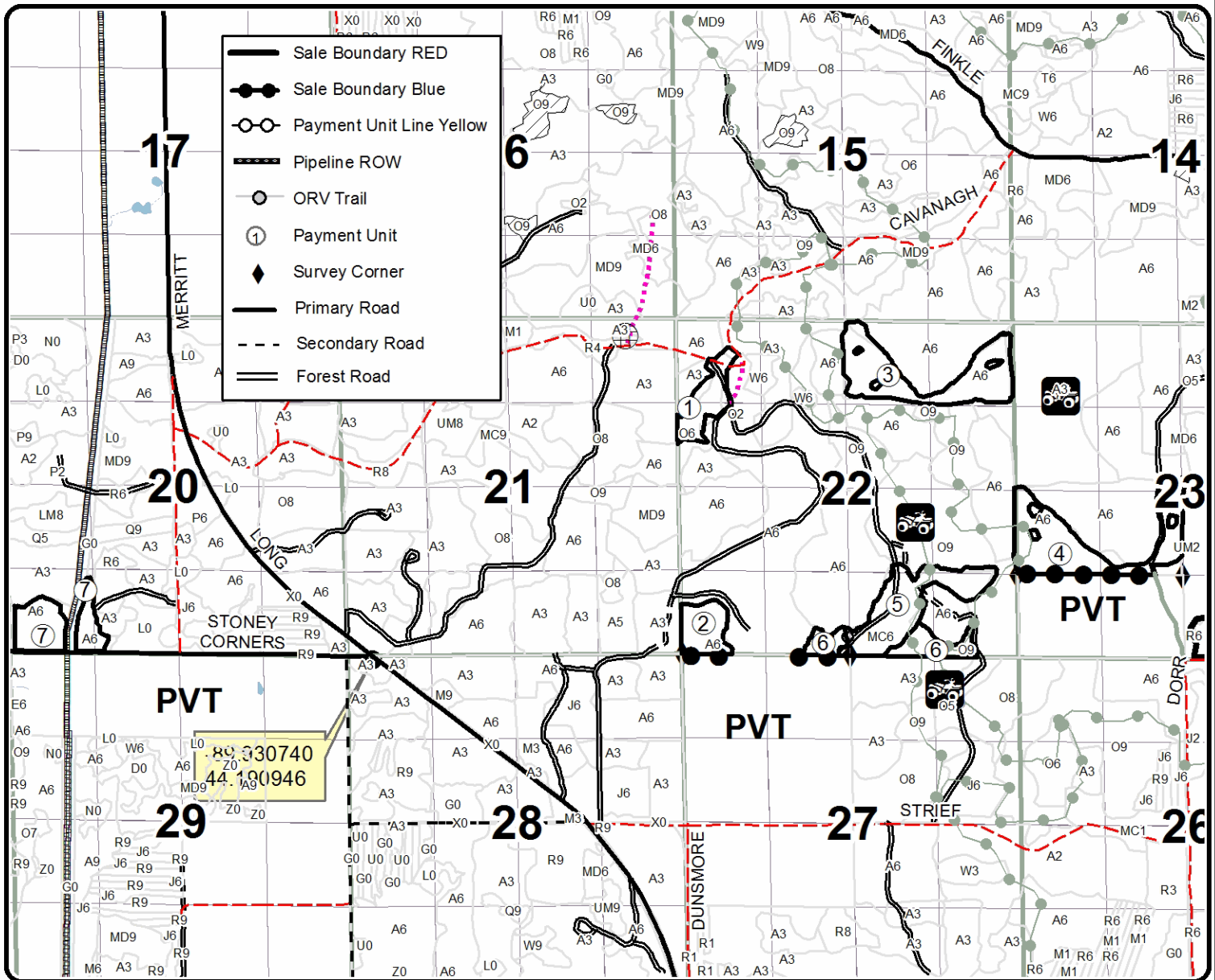
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU	Acres	PU	Acres
1	14.3	5	32.4
2	13.0	6	14.4
3	37.1	7	20.9
4	39.7		

## Recondite Mix

### Compartment 101

#### 171.8 Acres





## TIMBER SALE INFORMATION

Piquant Pine Mix (63-015-20)  
T21N, R05W, SEC. 23; T21N, R05W, SEC. 24.  
Missaukee County (Advertised Price \$95,965.00)

SALE NOTE: 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		
Jack Pine	26.2 MBF	\$ 22.00 / MBF
Red Oak	43.4 MBF	\$ 192.00 / MBF
Red Pine	311.9 MBF	\$ 102.00 / MBF
White Pine	21.0 MBF	\$ 67.00 / MBF
Pulpwood		
Balsam Fir	9 Cords	\$ 9.05 / Cord
Black Spruce	2 Cords	\$ 11.90 / Cord
Jack Pine	761 Cords	\$ 10.90 / Cord
Mixed Aspen	6 Cords	\$ 14.70 / Cord
Mixed Hardwood	42 Cords	\$ 10.40 / Cord
Red Oak	427 Cords	\$ 16.50 / Cord
Red Pine	836 Cords	\$ 43.65 / Cord
White Pine	113 Cords	\$ 12.15 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 10.01 percent. There are an estimated 3,003 cords on this timber sale, plus or minus 301 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 \$7,677.00 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	10.9%
02	29.3%
03	27.8%
04	32.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2023.

**SALE STATISTICS**

**SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
237,250	3,003	10.01%	2,703	3,304

**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
18	83,242	1,054	13.54%	911	1,196
27	58,760	744	11.18%	661	827
38	46,981	595	13.65%	514	676
42	48,245	611	15.74%	515	707
<b>TOTAL:</b>	<b>237,229</b>	<b>3,003</b>		<b>2,600</b>	<b>3,406</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
18	42.5	3	42.5
27	22.6	4	22.6
38	45.7	1	45.7
42	14.2	2	14.2
<b>TOTAL:</b>	<b>125.0</b>		<b>125.0</b>



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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Sawtimber	15.2	MBF	45.7	\$10,472.95
	Red Oak		7.4	MBF		
	Red Pine		8.2	MBF		
	White Pine		21.0	MBF		
	Balsam Fir	Pulpwood	9	Cords		
	Black Spruce		2	Cords		
	Jack Pine		245	Cords		
	Mixed Hardwood		31	Cords		
	<i>Red Maple</i>		31	<i>Cords</i>		
	Red Oak		76	Cords		
	Red Pine		18	Cords		
	White Pine		110	Cords		
2	Red Pine	Sawtimber	119.0	MBF	14.2	\$28,080.05
	Jack Pine	Pulpwood	2	Cords		
	Red Oak		5	Cords		
	Red Pine		362	Cords		
	White Pine		3	Cords		
3	Jack Pine	Sawtimber	10.3	MBF	42.5	\$26,724.60
	Red Oak		27.2	MBF		
	Red Pine		73.5	MBF		
	Jack Pine	Pulpwood	511	Cords		
	Mixed Aspen		6	Cords		
	<i>Quaking Aspen</i>	<i>Sawtimber</i>	0.6	<i>MBF</i>		
	<i>Quaking Aspen</i>	<i>Pulpwood</i>	5	<i>Cords</i>		
	Mixed Hardwood		5	Cords		
	<i>Black Cherry</i>		5	<i>Cords</i>		
	Red Oak		198	Cords		
	Red Pine		110	Cords		
4	Jack Pine	Sawtimber	0.7	MBF	22.6	\$30,687.40
	Red Oak		8.8	MBF		
	Red Pine		111.2	MBF		
	Jack Pine	Pulpwood	3	Cords		
	Mixed Hardwood		6	Cords		
	<i>Black Cherry</i>		6	<i>Cords</i>		
	Red Oak		148	Cords		
	Red Pine		346	Cords		
TOTAL:			402.5	MBF		
TOTAL:			2,196	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: Piquant Pine Mix**

**Sale Number: 63-015-20 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. 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) 2 & 4, cut all trees that are two (2) inches or more at DBH.

Within Payment Unit(s) 3, cut jack pine, oak, cherry, and aspen trees which meet minimum piece specifications in 2.2 - Utilization. In addition, cut red pine trees that are greater than ten (10) inches at DBH.

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

Within Payment Unit(s) 1, all pine, oak, balsam, and spruce trees that are greater than eight (8) inches at DBH, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting.

### 2.2 - Utilization

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

Payment Unit(s) 2 & 4 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. 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. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. 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 Unit(s) 2 & 4 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

## 3 - Payments

### 3.3 - Pre-measured Sales

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

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

## 4 - Transportation

### 4.1 - Construction

#### 4.1.3 - 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, utilized, or otherwise removed from 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

#### 4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

#### 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 operations a Payment Unit to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

#### 5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

### 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.

#### 5.2.2 - 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 & 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.

##### 5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) unless changed by written agreement, 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. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.5 - Dead and down creation, reptiles and amphibians (2/05)

To encourage reptiles and amphibians, within Payment Unit(s) 1-4, leave one, 14" DBH or greater, full-length tree on the ground, with the top still intact, for every 5 acres. These trees shall be evenly scattered throughout the Payment Unit(s) and identified by blue flagging.

#### 5.2.22 - Operating Caution

#### 5.2.22.2 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1 and 2, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of sensitive soils.

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

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

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

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

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

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

### 5.4 - Soil Protection

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

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

### 5.8 - 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 adjacent roads prior to beginning operations. The road must be posted at locations designated on the map at appropriate distances from the sale area 200 feet from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

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

The Purchaser is responsible for posting and maintaining caution signs on trails within and adjacent to the sale area prior to beginning operations. The trail must be posted at locations designated on the map at appropriate distances from the sale area 200 feet from the sale area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



# TIMBER SALE MAP

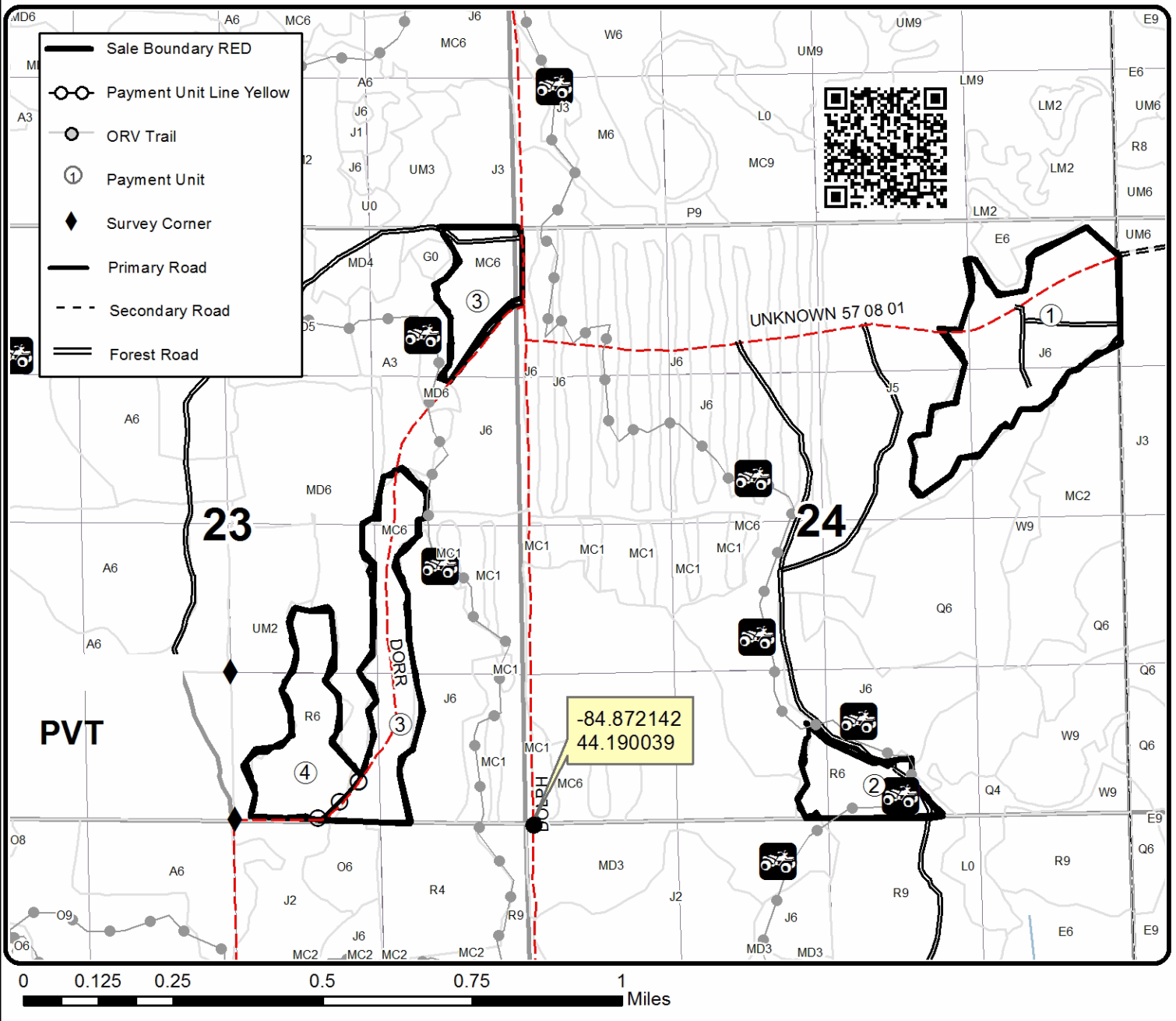
This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Cadillac FMU / Manton F.O.	County Missaukee	Mapped By M. Edison	Date 09/25/2020	Page 1	of 1
Township 21N	Range 5W	Section(s) and Subdivision(s) 23 NENE, S1/2NE, SE 24 NWNW, NE, SESW, SWSE	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
1	45.7
2	14.2
3	42.5
4	22.6

## Piquant Pine Compartment 101 125.0 Acres





## TIMBER SALE INFORMATION

Pine Creek Spruce (63-028-20)  
T20N, R10W, SEC. 8.  
Osceola County (Advertised Price \$6,578.55)

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		
Black Cherry	2.1 MBF	\$ 144.00 / MBF
Quaking Aspen	13.7 MBF	\$ 74.00 / MBF
White Spruce	133.1 MBF	\$ 30.00 / MBF
Pulpwood		
Black Cherry	8 Cords	\$ 8.80 / Cord
Quaking Aspen	18 Cords	\$ 12.45 / Cord
White Spruce	97 Cords	\$ 10.05 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 12.68 percent. There are an estimated 419 cords on this timber sale, plus or minus 53 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 \$329.00 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 03/31/2023.

### SALE STATISTICS

#### **SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
33,131	419	12.68%	366	473

#### **VDU VOLUMES**

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

VDU	VOLUME			RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
125	13,414	170	19.03%	137	202
132	10,815	137	16.33%	115	159
153	8,911	113	36.04%	72	153
<b>TOTAL:</b>	<b>33,141</b>	<b>420</b>		<b>324</b>	<b>515</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
125	5.0	1	5.0
132	4.7	1	4.7
153	3.1	1	3.1
<b>TOTAL:</b>	<b>12.8</b>		<b>12.8</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	2.1	MBF	12.8	\$6,578.55
	Quaking Aspen		13.7	MBF		
	White Spruce		133.1	MBF		
	Black Cherry	Pulpwood	8	Cords		
	Quaking Aspen		18	Cords		
	White Spruce		97	Cords		
TOTAL:			148.9	MBF		
TOTAL:			123	Cords		



## Sale Specific Conditions & Requirements

**Sale Name: Pine Creek Spruce**

**Sale Number: 63-028-20 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, 22 Mile Road, or by the change in cover from White Spruce to Tag Alder, as shown on the Timber Sale Map. 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, cut all trees that are two (2) inches or more at DBH.

#### 2.2 - Utilization

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

Stump heights within the sale area shall not exceed either twelve (12) inches for trees ten (10) inches and more at DBH or four (4) inches for trees less than ten (10) inches at DBH.

### 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 Payment Unit 1. Skid trails only will be allowed.

### 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

##### 5.2.1 - Slash

##### 5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed twenty four (24) inches in height.

##### 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.

##### 5.2.4 - Dead and Down Creation

##### 5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, leave one, ten (10) inch diameter or larger log-length, eight (8) foot minimum, piece on the ground for every 2 acres, and at least 6 large tops per acre. These will be evenly scattered throughout the Payment Units. These may either be unmerchantable pieces or full trees.

#### 5.2.29 - Shrub protection (1/20)

Do not cut or damage hawthorn, witch-hazel, dogwood or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

#### 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 wind-rowed on the edge. Landing must be planted to native grass upon completion of sale to the satisfaction of the Unit Manager or their representative.

#### 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 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.

#### 5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the vernal pond areas which is identified by L0 on the Timber Sale Map. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

## 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 22 Mile 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 shall provide these signs.



# TIMBER SALE MAP

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

Forest Management Unit Cadillac Management Unit	County Osceola	Mapped By R. Adamczyk	Date 09/28/2020	Page 1	of 1
Township 20N	Range 12W	Section(s) and Subdivision(s) Section 8: S1/2SE	Scale 1:5,704		

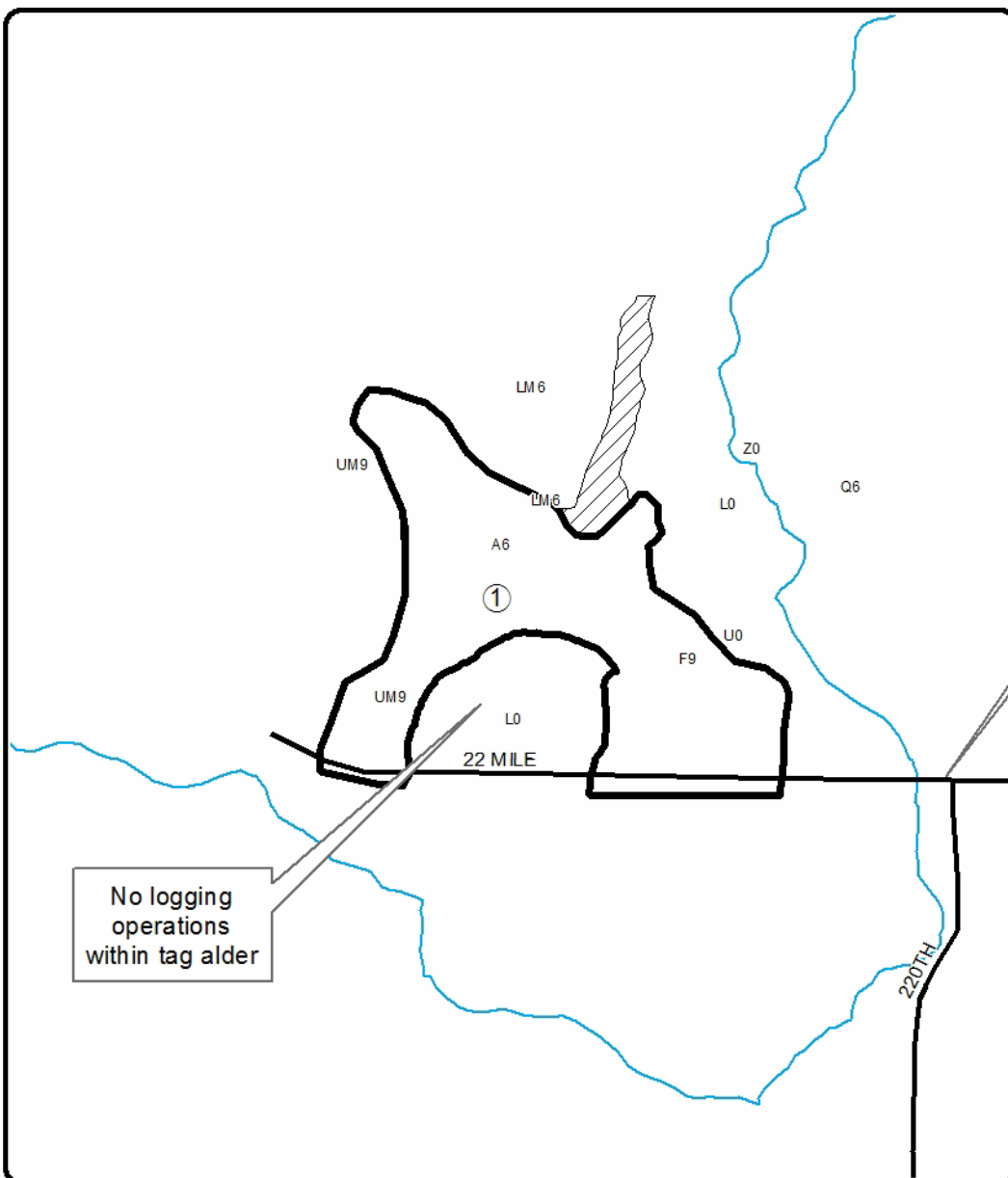
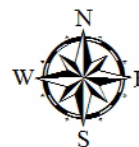
Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling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

PU	Acres
1	12.8

## Pine Creek Spruce

### Compartment 36

12.8 Acres

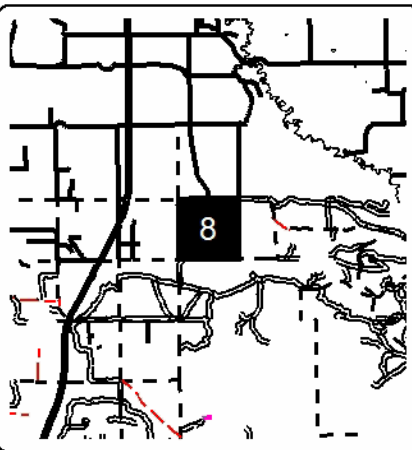


**Legend**

- Paved Road
- Perennial River
- ▨ Retention Area
- Against State (Red)

GPS Location  
44°31.0000'N  
85°2.000'W

Locator Map  
1:200,000





Piquant Pine Mix (63-015-20)  
T21N, R05W, SEC. 23; T21N, R05W, SEC. 24; Missaukee COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on February 24, 2021, 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>			
Jack Pine	26.2 MBF	\$ 22.00/MBF	\$ _____
Red Oak	43.4 MBF	\$ 192.00/MBF	\$ _____
Red Pine	311.9 MBF	\$ 102.00/MBF	\$ _____
White Pine	21.0 MBF	\$ 67.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	9 Cords	\$ 9.05/Cord	\$ _____
Black Spruce	2 Cords	\$ 11.90/Cord	\$ _____
Jack Pine	761 Cords	\$ 10.90/Cord	\$ _____
Mixed Aspen	6 Cords	\$ 14.70/Cord	\$ _____
Mixed Hardwood	42 Cords	\$ 10.40/Cord	\$ _____
Red Oak	427 Cords	\$ 16.50/Cord	\$ _____
Red Pine	836 Cords	\$ 43.65/Cord	\$ _____
White Pine	113 Cords	\$ 12.15/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 10.01 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: \_\_\_\_ - \_\_\_\_ - \_\_\_\_ or SOCIAL SECURITY NUMBER: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Company or individual bidding: \_\_\_\_\_

Company representative's name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

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

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

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



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

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

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

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

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

Please Check Appropriate Categories:

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

\_\_\_\_\_ Full-time Employees

\_\_\_\_\_ Part-time Employees

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

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

\_\_\_\_\_  
Signature of Owner or Authorized Representative

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

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

Pine Creek Spruce (63-028-20)  
T20N, R10W, SEC. 8; Osceola COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on February 24, 2021, 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>			
Black Cherry	2.1 MBF	\$ 144.00/MBF	\$ _____
Quaking Aspen	13.7 MBF	\$ 74.00/MBF	\$ _____
White Spruce	133.1 MBF	\$ 30.00/MBF	\$ _____
<b>Pulpwood</b>			
Black Cherry	8 Cords	\$ 8.80/Cord	\$ _____
Quaking Aspen	18 Cords	\$ 12.45/Cord	\$ _____
White Spruce	97 Cords	\$ 10.05/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 12.68 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.
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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**



Recondite Mix (63-014-20)

T21N, R05W, SEC. 20; T21N, R05W, SEC. 22; T21N, R05W, SEC. 23; Missaukee

In response to the notice of sale to be held 3:00 p.m. (local time) on February 24, 2021, 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	52.2 MBF	\$ 88.00/MBF	\$ _____
Red Maple	5.1 MBF	\$ 85.00/MBF	\$ _____
Red Oak	65.8 MBF	\$ 192.00/MBF	\$ _____
Red Pine	62.6 MBF	\$ 102.00/MBF	\$ _____
White Oak	25.9 MBF	\$ 65.00/MBF	\$ _____
<b>Pulpwood</b>			
B. T. Aspen	1,995 Cords	\$ 14.70/Cord	\$ _____
Balsam Fir	3 Cords	\$ 9.05/Cord	\$ _____
Mixed Hardwood	1,335 Cords	\$ 10.40/Cord	\$ _____
Red Pine	137 Cords	\$ 43.65/Cord	\$ _____
White Pine	14 Cords	\$ 12.15/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 9.89 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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  - 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