



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6790**

SCHEDULED SALE DATE AND TIME: 1:00 p.m. (local time) on March 1, 2021.

LOCATION: **GWINN MGMT UNIT, 410 WEST M 35, GWINN, MI 49841.**

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

Trout Pond Pine (32-005-20) / T46N, R28W, SEC. 29, S1/2NW,N1/2SW.  
T46N, R28W, SEC. 30, NESE.

Marquette County, Advertised Price \$23,130.95, 70.1 Acres, White Pine, Spruce/Fir/Tamarack.

SALE NOTE: Access may be through private land.

Camp Bergamo Redux (32-014-20) / T46N, R28W, SEC. 33, S1/2NW,SWNE,SW.

Marquette County, Advertised Price \$32,098.90, 82.6 Acres, Red Pine, Jack Pine.

SALE NOTE: Please note the whole sale has a stump height spec for future cultivation work.

Horseshoe Lake Loons (32-019-20) / T45N, R30W, SEC. 22, NENW,NE.

Marquette County, Advertised Price \$55,700.50, 85.1 Acres, Hardwood, Aspen.

SALE NOTE: Steep terrain exists within certain areas of the timber sale. The Purchaser must be certain their equipment can harvest these areas before bidding. No refunds will be granted for areas that cannot be harvested due to steep terrain. Also, review specification 7.5.1 regarding deteriorating timber.

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

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

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

Bids must be received by the Unit Manager, GWINN OFFICE, 410 WEST M 35, GWINN, MI 49841, no later than 1:00 p.m. (local time) on March 1, 2021. For further information concerning this sale, contact Kristen Matson at 906-346-9201 extension 103.

### 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

Trout Pond Pine (32-005-20)  
T46N, R28W, SEC. 29; T46N, R28W, SEC. 30.  
Marquette County (Advertised Price \$23,130.95)

SALE NOTE: Access may be through private land.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the 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		
Red Pine	54.9 MBF	\$ 84.00 / MBF
White Pine	87.9 MBF	\$ 33.00 / MBF
Pulpwood		
Balsam Fir	113 Cords	\$ 20.15 / Cord
Jack Pine	18 Cords	\$ 26.40 / Cord
Mixed Aspen	22 Cords	\$ 24.75 / Cord
Mixed Hardwood	113 Cords	\$ 18.30 / Cord
Mixed Spruce	104 Cords	\$ 23.15 / Cord
Red Pine	105 Cords	\$ 39.80 / Cord
White Pine	225 Cords	\$ 16.30 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 15.70 percent. There are an estimated 987 cords on this timber sale, plus or minus 155 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

1. A bond in the amount of \$1,157.00 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	22.4%
02	65.7%
03	11.9%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 08/31/2024.

### **SALE STATISTICS**

#### **SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
77,966	987	15.70%	832	1,142

**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	17,143	217	39.69%	131	303
2	49,596	628	18.88%	509	746
3	11,258	143	31.59%	97	188
<b>TOTAL:</b>	<b>77,997</b>	<b>987</b>		<b>738</b>	<b>1,237</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	15.3	1	15.3
2	43.0	1	0.1
		2	42.9
3	11.8	3	11.8
<b>TOTAL:</b>	<b>70.1</b>		<b>70.1</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	6.7	MBF	15.4	\$5,171.00
	White Pine		11.3	MBF		
	Balsam Fir	Pulpwood	36	Cords		
	Jack Pine		12	Cords		
	Mixed Aspen		11	Cords		
	<i>Quaking Aspen</i>		11	Cords		
	Mixed Hardwood		13	Cords		
	<i>Red Maple</i>		13	Cords		
	Mixed Spruce		27	Cords		
	<i>Black Spruce</i>		8	Cords		
	<i>White Spruce</i>		19	Cords		
	Red Pine		30	Cords		
	White Pine		53	Cords		
2	Red Pine	Sawtimber	46.1	MBF	42.9	\$15,204.00
	White Pine		53.4	MBF		
	Balsam Fir	Pulpwood	59	Cords		
	Jack Pine		6	Cords		
	Mixed Aspen		11	Cords		
	<i>B. T. Aspen</i>		11	Cords		
	Mixed Hardwood		99	Cords		
	<i>Red Maple</i>		98	Cords		
	<i>Sugar Maple</i>		1	Cords		
	Mixed Spruce		46	Cords		
	<i>Black Spruce</i>		24	Cords		
	<i>White Spruce</i>		22	Cords		
	Red Pine		73	Cords		
White Pine		133	Cords			
3	Red Pine	Sawtimber	2.1	MBF	11.8	\$2,755.95
	White Pine		23.2	MBF		
	Balsam Fir	Pulpwood	18	Cords		
	Mixed Hardwood		1	Cords		
	<i>Red Maple</i>		1	Cords		
	Mixed Spruce		31	Cords		
	<i>Black Spruce</i>		31	Cords		
	Red Pine		2	Cords		
White Pine		39	Cords			
TOTAL:			142.8	MBF		
TOTAL:			700	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Trout Pond Pine**

**Sale Number: 32-005-20 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 blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1-3, all trees which meet minimum piece specifications in 2.2 Utilization are designated for cutting, except do not cut oak, cedar, birch, hemlock, or any trees marked with green paint above and below stump height. In addition, do not cut white pine and red pine with a stump diameter of over 25 inches, at stump height 1 foot above ground level (24 inches at DBH).

#### 2.2 - Utilization

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

Stump heights within Payment Unit(s) 1-3 shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations.

### 3 - Payments

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged timber (7/16)

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

Within the sale area, if more than 20% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$250.00 per acre for all acreage within that specified portion of the sale area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 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

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

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

##### 4.1.4 - Timber removed for construction (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.

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

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be

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

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

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

### 4.2 - Maintenance

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

The following road maintenance may be needed: Within 30 days of completion of hauling, or if no hauling occurs for 30 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.

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

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

### 4.4 - Access

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

Permission for access across private land is the responsibility of the Purchaser.

## 5 - Operations

### 5.1 - Notification

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

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

#### 5.2.2 - 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.

#### 5.2.22 - Operating Caution

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

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

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

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

### 5.4 - Soil Protection

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

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

#### 5.4.2 - 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 County Road CFA prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



Sale Number	Year
32 - 005	2020

# TIMBER SALE MAP

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

Forest Management Unit Gwinn	County Marquette	Mapped By Rick Hill	Date 5/11/2020	Page 1	of 1
Township 46N	Range 28W	Section(s) and Subdivision(s) Section 29	Scale 1:15,840		

Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
D = 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. Dec. Decid.	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	15.4
2	42.9
3	11.8



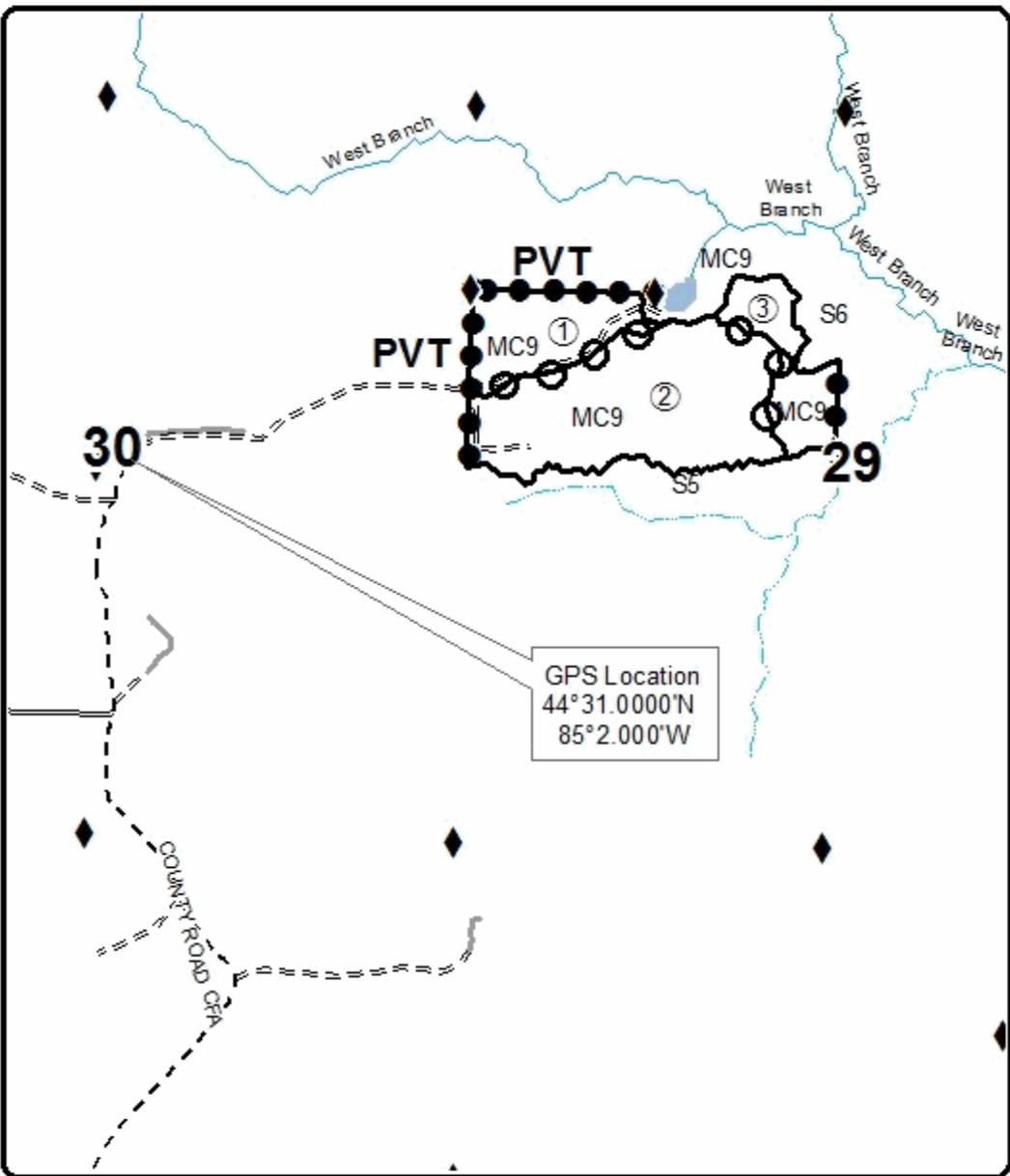
## Trout Pond Pine

### Compartment 227

70.1 Acres

### Legend

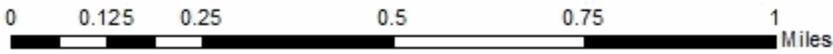
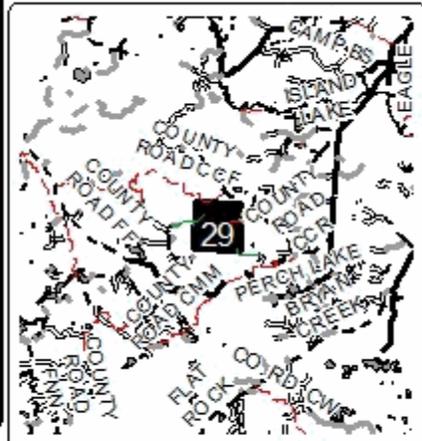
- Against State (Red)
- Private Line (Blue)
- Payment Unit (Red)
- Roads
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- Private
- Survey Corners
- Intermittent Stream
- Perennial River
- Lakes and Rivers



QR Code for PDF Maps



Locator Map  
1:250,000





## TIMBER SALE INFORMATION

Camp Bergamo Redux (32-014-20)  
 T46N, R28W, SEC. 33.  
 Marquette County (Advertised Price \$32,098.90)

SALE NOTE: Please note the whole sale has a stump height spec for future cultivation work.

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	0.4 MBF	\$ 94.00 / MBF
Red Pine	10.6 MBF	\$ 84.00 / MBF
White Pine	0.6 MBF	\$ 33.00 / MBF
Pulpwood		
Balsam Fir	21 Cords	\$ 20.15 / Cord
Jack Pine	282 Cords	\$ 26.40 / Cord
Mixed Aspen	211 Cords	\$ 24.75 / Cord
Mixed Hardwood	138 Cords	\$ 18.30 / Cord
Mixed Spruce	147 Cords	\$ 23.15 / Cord
Paper Birch	37 Cords	\$ 13.95 / Cord
Red Pine	289 Cords	\$ 39.80 / Cord
White Pine	7 Cords	\$ 16.30 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 20.83 percent. There are an estimated 1,156 cords on this timber sale, plus or minus 241 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

**BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$1,605.00 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 :
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    - (b) The 10% down payment will be credited towards the first unit cut.
    - (c) Payment for each of the following units must be made before cutting begins in that unit:
- | PAYMENT UNIT NUMBER | PERCENT OF TOTAL SALE VALUE |
|---------------------|-----------------------------|
| 01                  | 8.8%                        |
| 02                  | 7.5%                        |
| 03                  | 28.5%                       |
| 04                  | 29.4%                       |
| 05                  | 25.8%                       |
4. If no cutting takes place, the 10% down payment will not be refunded.
  5. Operations on the contract issued will terminate on 08/31/2024.

**SALE STATISTICS**

**SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
91,349	1,156	20.83%	915	1,397

**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
45	12,774	162	35.93%	104	220
49	5,807	74	63.94%	27	120
56	72,783	921	19.62%	741	1,102
<b>TOTAL:</b>	<b>91,364</b>	<b>1,157</b>		<b>871</b>	<b>1,442</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
45	29.8	1	29.8
49	8.0	2	8.0
56	44.8	3	15.3
		4	15.7
		5	13.8
<b>TOTAL:</b>	<b>82.6</b>		<b>82.6</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Pulpwood	5	Cords	29.8	\$2,827.30
	<i>B. T. Aspen</i>		5	<i>Cords</i>		
	Mixed Hardwood		117	Cords		
	<i>Red Maple</i>		117	<i>Cords</i>		
	Mixed Spruce		2	Cords		
	<i>Black Spruce</i>		2	<i>Cords</i>		
	Paper Birch		37	Cords		
2	Red Pine	Sawtimber	10.6	MBF	8.0	\$2,392.30
	Balsam Fir	Pulpwood	13	Cords		
	Mixed Aspen		6	Cords		
	<i>B. T. Aspen</i>		6	<i>Cords</i>		
	Mixed Hardwood		8	Cords		
	<i>Red Maple</i>		8	<i>Cords</i>		
	Mixed Spruce		3	Cords		
	<i>Black Spruce</i>		3	<i>Cords</i>		
	Red Pine		22	Cords		
3	Black Cherry	Sawtimber	0.1	MBF	15.3	\$9,155.80
	White Pine	Pulpwood	0.2	MBF		
	Balsam Fir		3	Cords		
	Jack Pine		96	Cords		
	Mixed Aspen		68	Cords		
	<i>Quaking Aspen</i>		68	<i>Cords</i>		
	Mixed Hardwood		4	Cords		
	<i>Black Cherry</i>		4	<i>Cords</i>		
	Mixed Spruce		49	Cords		
	<i>Black Spruce</i>		31	<i>Cords</i>		
	<i>White Spruce</i>		18	<i>Cords</i>		
	Red Pine		91	Cords		
	White Pine		2	Cords		
4	Black Cherry	Sawtimber	0.2	MBF	15.7	\$9,447.90
	White Pine	Pulpwood	0.2	MBF		
	Balsam Fir		3	Cords		
	Jack Pine		99	Cords		
	Mixed Aspen		70	Cords		
	<i>Quaking Aspen</i>		70	<i>Cords</i>		
	Mixed Hardwood		5	Cords		
	<i>Black Cherry</i>		5	<i>Cords</i>		
	Mixed Spruce		49	Cords		
	<i>Black Spruce</i>		31	<i>Cords</i>		
	<i>White Spruce</i>		18	<i>Cords</i>		
	Red Pine		94	Cords		
	White Pine		3	Cords		
5	Black Cherry	Sawtimber	0.1	MBF	13.8	\$8,275.60
	White Pine	Pulpwood	0.2	MBF		
	Balsam Fir		2	Cords		
	Jack Pine		87	Cords		
	Mixed Aspen		62	Cords		
	<i>Quaking Aspen</i>		62	<i>Cords</i>		
	Mixed Hardwood		4	Cords		
	<i>Black Cherry</i>		4	<i>Cords</i>		
	Mixed Spruce		44	Cords		
	<i>Black Spruce</i>		28	<i>Cords</i>		
	<i>White Spruce</i>		16	<i>Cords</i>		
	Red Pine		82	Cords		
	White Pine		2	Cords		

TOTAL:	11.6	MBF
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TOTAL:	1,132	Cords
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# Sale Specific Conditions & Requirements

**Sale Name: Camp Bergamo Redux**

**Sale Number: 32-014-20 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 blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 1, 2, 3, 4 and 5, cut all trees that are two (2) inches or more at DBH, except do not cut oak. In addition, within Payment Unit 1, do not cut red pine. Also, within Payment Unit 2, do not cut white pine.

### 2.2 - Utilization

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

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations.

## 3 - Payments

### 3.4 - Damaged Timber

#### 3.4.1 - Damaged timber (7/16)

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

No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 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

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

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

#### 4.1.4 - Timber removed for construction (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.

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

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

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

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

#### 4.2 - Maintenance

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

The following road maintenance may be needed: Within 30 days of completion of hauling, or if no hauling occurs for 30 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.

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

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

### 5 - Operations

#### 5.1 - Notification

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

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

##### 5.2.2 - 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

###### 5.2.3.6 - 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.

###### 5.2.32 - 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.

###### 5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of Perch Lake Road without permission of the Unit Manager or his/her 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 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 Perch Lake 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.



# TIMBER SALE MAP

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

Sale Number	Year
32- 014	2020

Forest Management Unit Gwinn	County Marquette	Mapped By Rick Hill	Date 5/11/2020	Page 1	of 1
Township 46N	Range 28W	Section(s) and Subdivision(s) Section 33	Scale 1:15,840		

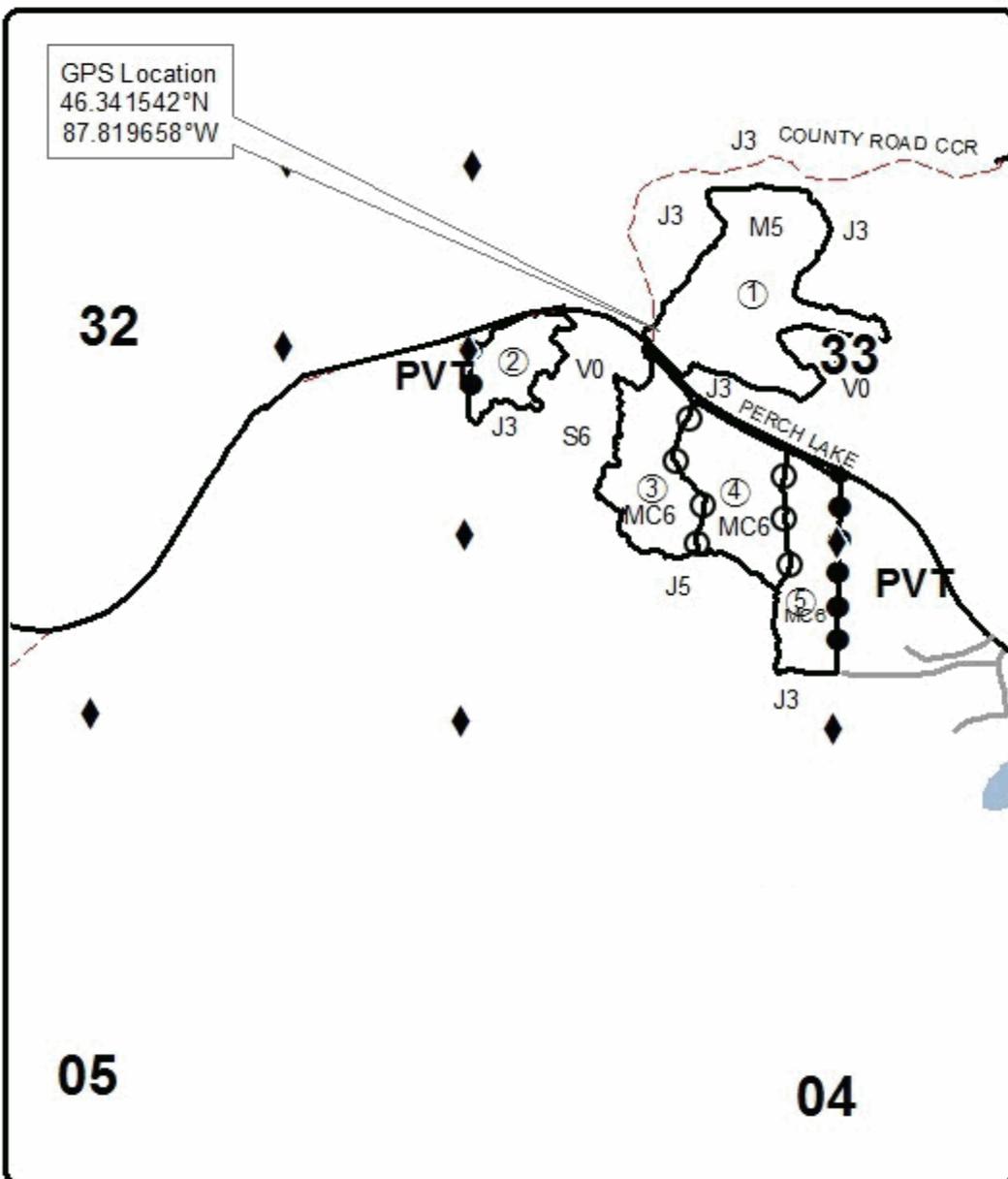
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
D = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium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

PU	Acres	PU	Acres
1	29.8	4	15.7
2	8.0	5	13.8
3	15.3		

## Camp Bergamo Redux

### Compartment 227

82.6 Acres

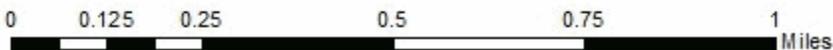
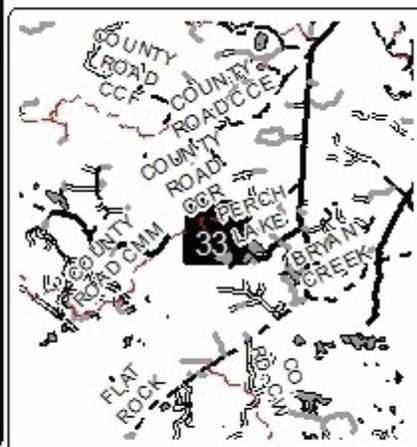


### Legend

- Private Line (Blue)
- Against State (Red)
- ⊖ Payment Unit (Yellow)
- Paved Road
- - - County Road - Seasonal
- Private Road
- ◆ Survey Corners
- Lakes and Rivers



Locator Map  
1:200,000



## TIMBER SALE INFORMATION

Horseshoe Lake Loons (32-019-20)  
 T45N, R30W, SEC. 22.  
 Marquette County (Advertised Price \$55,700.50)

SALE NOTE: Steep terrain exists within certain areas of the timber sale. The Purchaser must be certain their equipment can harvest these areas before bidding. No refunds will be granted for areas that cannot be harvested due to steep terrain. Also, review specification 7.5.1 regarding deteriorating timber.

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		
Paper Birch	10.4 MBF	\$ 79.00 / MBF
Red Maple	35.2 MBF	\$ 83.00 / MBF
Sugar Maple	26.8 MBF	\$ 201.00 / MBF
Pulpwood		
Balsam Fir	104 Cords	\$ 20.15 / Cord
Mixed Hardwood	1,485 Cords	\$ 18.30 / Cord
Paper Birch	165 Cords	\$ 13.95 / Cord
Quaking Aspen	591 Cords	\$ 24.75 / Cord
White Spruce	16 Cords	\$ 23.15 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 13.62 percent. There are an estimated 2,506 cords on this timber sale, plus or minus 341 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 \$5,570.00 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                  | 4.6%                        |
| 02                  | 36.9%                       |
| 03                  | 18.3%                       |
| 04                  | 40.2%                       |
4. If no cutting takes place, the 10% down payment will not be refunded.
  5. Operations on the contract issued will terminate on 08/31/2024.

### **SALE STATISTICS**

#### **SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
197,979	2,506	13.62%	2,165	2,847

## VDU VOLUMES

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

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
1	6,762	86	84.45%	13	158
2	72,127	913	21.61%	716	1,110
3	40,266	510	33.35%	340	680
4	78,834	998	20.61%	792	1,204
<b>TOTAL:</b>	<b>197,990</b>	<b>2,506</b>		<b>1,861</b>	<b>3,151</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	3.6	1	3.6
2	35.1	2	35.1
3	14.3	3	14.3
4	32.1	4	32.1
<b>TOTAL:</b>	<b>85.1</b>		<b>85.1</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Sugar Maple	Sawtimber	5.9	MBF	3.6	\$2,540.10
	Mixed Hardwood	Pulpwood	74	Cords		
	<i>Red Maple</i>		14	<i>Cords</i>		
	<i>Sugar Maple</i>		60	<i>Cords</i>		
2	Paper Birch	Sawtimber	6.2	MBF	35.1	\$20,561.65
	Red Maple		19.5	MBF		
	Sugar Maple		10.6	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Hardwood		628	Cords		
	<i>Red Maple</i>		485	<i>Cords</i>		
	<i>Sugar Maple</i>		143	<i>Cords</i>		
	Paper Birch		39	Cords		
	Quaking Aspen		167	Cords		
	White Spruce		4	Cords		
	3	Red Maple	Sawtimber	0.9		
Sugar Maple			0.9	MBF		
Balsam Fir		Pulpwood	14	Cords		
Mixed Hardwood			251	Cords		
<i>Red Maple</i>			237	<i>Cords</i>		
<i>Sugar Maple</i>			14	<i>Cords</i>		
Paper Birch			80	Cords		
Quaking Aspen			160	Cords		
4	Paper Birch	Sawtimber	4.2	MBF	32.1	\$22,391.75
	Red Maple		14.8	MBF		
	Sugar Maple		9.4	MBF		
	Balsam Fir	Pulpwood	87	Cords		
	Mixed Hardwood		532	Cords		
	<i>Red Maple</i>		391	<i>Cords</i>		
	<i>Sugar Maple</i>		141	<i>Cords</i>		
	Paper Birch		46	Cords		
	Quaking Aspen		264	Cords		
	White Spruce		12	Cords		
TOTAL:			72.4	MBF		
TOTAL:			2,361	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: Horseshoe Lake Loons**

**Sale Number: 32-019-20 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 blue, red, and green paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Payment Unit boundaries are marked with green paint. Lowland areas exist throughout the sale area and are marked with red paint; no harvesting activities may occur within these areas. Green painted trees designating the Payment Unit boundary are not to be harvested.

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 1 - 4, cut all trees that are two (2) inches or more at DBH, except do not cut white pine, red pine, hemlock, cedar, yellow birch, basswood, and oak. In addition, do not cut maple that is greater than 24" at DBH. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

### 2.2 - Utilization

#### 2.2.6 - Roundwood operation required (5/07)

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

## 3 - Payments

### 3.4 - Damaged Timber

#### 3.4.1 - Damaged timber (7/16)

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

#### 3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with yellow paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

## 4 - Transportation

### 4.1 - Construction

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

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be stock piled and used for road closure purposes.

#### 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.

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

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

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

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require stumps, tops, rocks, and berms placed at specified locations. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the sale administrator for specific details of design and placement.

### 4.2 - Maintenance

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

Hauling may be restricted on forest roads by the sale administrator. The restriction may occur during spring breakup or wet weather conditions.

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

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative. Note: This specification applies to the Horseshoe Lake Road in its entirety, as the State of Michigan owns an easement from the Fence River Rd to the Horseshoe Lake Boat Launch. The Purchaser must maintain and keep the Horseshoe Lake Road in as good or better condition than prior to 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. This specification applies if the Purchaser desires to access Payment Units 1 & 2 via the Squaw Lake Road / Elm Road.

## 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. The sale administrator must be contacted at least 3 business days in advance to schedule the 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.

#### 5.2.2 - 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, 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 the higher density of yellow birch residual within this Payment Unit.

#### 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.

#### 5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of the Horseshoe Lake Road.

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

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

### 5.4 - Soil Protection

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

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

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

## 7 - Other Conditions

### 7.5 - Loss

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

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



# TIMBER SALE MAP

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

Sale Number	Year
32 - 019 - 20	2020

Forest Management Unit Gwinn	County Marquette	Mapped By Jason Caron	Date 8 - 26 - 20	Page 1	of 1
Township 45N	Range 30W	Section(s) and Subdivision(s) Section 22	Scale 1:15,840		

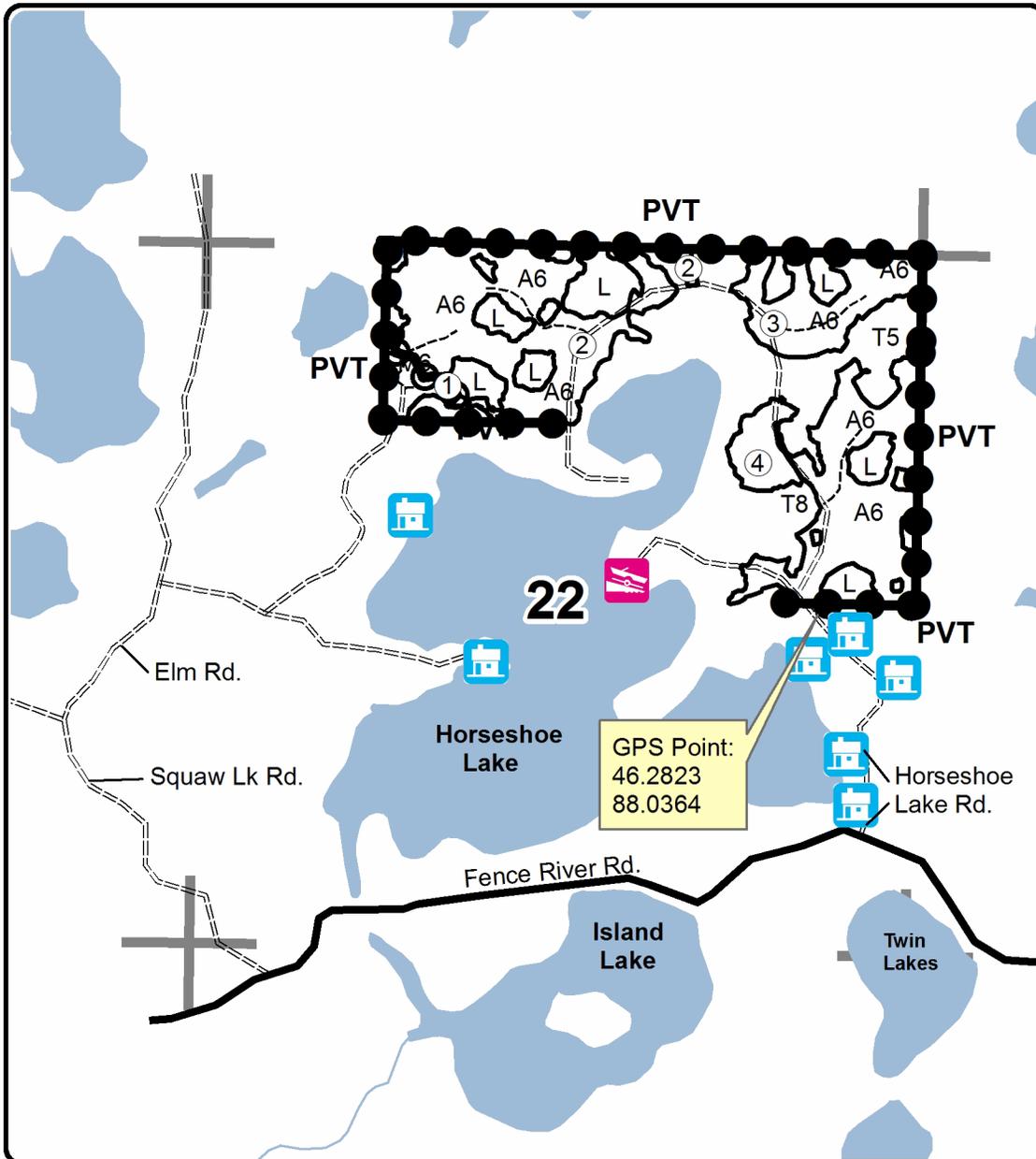
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium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

PU	Acres	PU	Acres
1	3.6	4	32.1
2	35.1		
3	14.3		

## Horseshoe Lake Loons

### Compartment 247

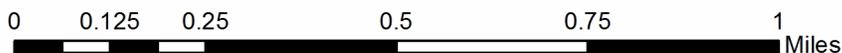
### 85.1 Acres



**Legend**

- House
- Boat Launch
- Paved Road
- Over Grown Road
- Gravel Road
- Against State (Red)
- Payment Unit (Green)
- Private Line (Blue)
- Section Corners

QR Code for PDF Maps





Trout Pond Pine (32-005-20)  
T46N, R28W, SEC. 29; T46N, R28W, SEC. 30; Marquette COUNTY

In response to the notice of sale to be held 1:00 p.m. (local time) on March 1, 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>			
Red Pine	54.9 MBF	\$ 84.00/MBF	\$ _____
White Pine	87.9 MBF	\$ 33.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	113 Cords	\$ 20.15/Cord	\$ _____
Jack Pine	18 Cords	\$ 26.40/Cord	\$ _____
Mixed Aspen	22 Cords	\$ 24.75/Cord	\$ _____
Mixed Hardwood	113 Cords	\$ 18.30/Cord	\$ _____
Mixed Spruce	104 Cords	\$ 23.15/Cord	\$ _____
Red Pine	105 Cords	\$ 39.80/Cord	\$ _____
White Pine	225 Cords	\$ 16.30/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 15.70 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

Camp Bergamo Redux (32-014-20)  
T46N, R28W, SEC. 33; Marquette COUNTY

In response to the notice of sale to be held 1:00 p.m. (local time) on March 1, 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	0.4 MBF	\$ 94.00/MBF	\$ _____
Red Pine	10.6 MBF	\$ 84.00/MBF	\$ _____
White Pine	0.6 MBF	\$ 33.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	21 Cords	\$ 20.15/Cord	\$ _____
Jack Pine	282 Cords	\$ 26.40/Cord	\$ _____
Mixed Aspen	211 Cords	\$ 24.75/Cord	\$ _____
Mixed Hardwood	138 Cords	\$ 18.30/Cord	\$ _____
Mixed Spruce	147 Cords	\$ 23.15/Cord	\$ _____
Paper Birch	37 Cords	\$ 13.95/Cord	\$ _____
Red Pine	289 Cords	\$ 39.80/Cord	\$ _____
White Pine	7 Cords	\$ 16.30/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 20.83 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

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  - 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

Horseshoe Lake Loons (32-019-20)  
T45N, R30W, SEC. 22; Marquette COUNTY

In response to the notice of sale to be held 1:00 p.m. (local time) on March 1, 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>			
Paper Birch	10.4 MBF	\$ 79.00/MBF	\$ _____
Red Maple	35.2 MBF	\$ 83.00/MBF	\$ _____
Sugar Maple	26.8 MBF	\$ 201.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	104 Cords	\$ 20.15/Cord	\$ _____
Mixed Hardwood	1,485 Cords	\$ 18.30/Cord	\$ _____
Paper Birch	165 Cords	\$ 13.95/Cord	\$ _____
Quaking Aspen	591 Cords	\$ 24.75/Cord	\$ _____
White Spruce	16 Cords	\$ 23.15/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 13.62 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

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

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

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

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



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

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

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

## VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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

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

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

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

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

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